46	<--- Select your MMT here using the dropdown.	38	MMT Portfolio
	Do not change other cells in this tab.	46	MMT Portfolio

Form 1.5b - STATEWIDE

California Energy Demand 2019-2030 Managed Forecast - Mid Demand / Mid AAEE Case

1-in-2 Net Electricity Peak Demand by Agency and Balancing Authority (MW)

Balancing Authority	Agency	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	PG&E Service Area - Greater Bay Area	7,223	7,113	6,970	6,926	6,902	6,898	6,922	6,951	6,977	7,032	7,025
	NCPA - Greater Bay Area	198	194	190	188	186	185	186	186	186	187	186
	Power Enterprise of the San Francisco PUC	125	123	120	118	117	117	117	117	117	118	118
	Silicon Valley Power	530	542	540	546	553	562	569	570	570	573	571
	Other NP15 LSEs - Bay Area	5	5	5	5	5	5	5	5	5	5	5
	CDWR - Greater Bay Area	55	55	57	57	57	57	56	56	56	56	56
	WAPA - Greater Bay Area	52	52	52	52	52	52	52	52	52	52	52
Greater Bay Area Subtotal		**8,188**	**8,083**	**7,933**	**7,892**	**7,873**	**7,876**	**7,907**	**7,937**	**7,964**	**8,023**	**8,013**
	PG&E Service Area - Non Bay Area	9,955	9,803	9,606	9,545	9,513	9,507	9,540	9,580	9,616	9,691	9,682
	NCPA - Non Bay Area	211	207	202	200	199	198	198	198	199	200	199
	Other NP15 LSEs - Non Bay Area	7	7	7	7	7	7	7	7	7	7	7
	CDWR - Non Bay Area	55	55	57	57	57	57	56	56	56	56	56
	WAPA - Non Bay Area	185	185	185	185	185	185	185	185	185	185	185
Total North of Path 15		**18,602**	**18,341**	**17,991**	**17,886**	**17,832**	**17,829**	**17,893**	**17,964**	**18,026**	**18,161**	**18,142**
	PG&E Service Area - ZP26	2,047	2,016	1,975	1,963	1,956	1,955	1,962	1,970	1,977	1,993	1,991
	CDWR - ZP26	115	115	120	120	120	120	119	118	118	118	118
	WAPA - ZP26	15	15	15	15	15	15	15	15	15	15	15
Total Zone Path 26		**2,177**	**2,146**	**2,110**	**2,097**	**2,091**	**2,090**	**2,095**	**2,103**	**2,111**	**2,126**	**2,124**
Total Valley		**12,591**	**12,403**	**12,167**	**12,091**	**12,050**	**12,043**	**12,081**	**12,130**	**12,173**	**12,265**	**12,253**
Total North of Path 26 (Total PG&E TAC Area)		**20,779**	**20,486**	**20,100**	**19,983**	**19,923**	**19,919**	**19,988**	**20,067**	**20,137**	**20,287**	**20,266**
	Turlock Irrigation District	543	535	531	530	528	527	525	524	524	524	525
	Merced	109	108	107	107	106	106	106	106	106	106	106
Total Turlock Irrigation District Control Area		**652**	**643**	**638**	**637**	**634**	**633**	**631**	**630**	**629**	**630**	**631**
	SMUD	2,959	2,916	2,899	2,897	2,890	2,881	2,870	2,861	2,861	2,869	2,882
	Modesto Irrigation District	674	664	659	658	656	654	652	651	650	651	652
	Roseville	325	321	318	318	316	316	315	314	314	314	315
	Redding	221	217	216	215	215	214	213	213	213	213	213

Form 1.5b - STATEWIDE

California Energy Demand 2019-2030 Managed Forecast - Mid Demand / Mid AAEE Case

1-in-2 Net Electricity Peak Demand by Agency and Balancing Authority (MW)

Balancing Authority	Agency	2030	Average Annual Growth (2019-2030)	CAISO area Non-IOU,CCA,ESP demand flag
	PG&E Service Area - Greater Bay Area	7,062	-0.20%	
	NCPA - Greater Bay Area	188	-0.49%	1
	Power Enterprise of the San Francisco PUC	118	-0.49%	1
	Silicon Valley Power	575	0.75%	1
	Other NP15 LSEs - Bay Area	5	-0.69%	1
	CDWR - Greater Bay Area	60	0.92%	1
	WAPA - Greater Bay Area	52	0.00%	1
Greater Bay Area Subtotal		**8,061**	**-0.14%**	
	PG&E Service Area - Non Bay Area	9,734	-0.20%	
	NCPA - Non Bay Area	200	-0.49%	1
	Other NP15 LSEs - Non Bay Area	7	-0.49%	1
	CDWR - Non Bay Area	60	0.92%	1
	WAPA - Non Bay Area	185	0.00%	1
Total North of Path 15		**18,247**	**-0.17%**	
	PG&E Service Area - ZP26	2,002	-0.20%	
	CDWR - ZP26	127	0.92%	1
	WAPA - ZP26	15	0.00%	1
Total Zone Path 26		**2,144**	**-0.14%**	
Total Valley		**12,330**	**-0.19%**	
Total North of Path 26 (Total PG&E TAC Area)		**20,391**	**-0.17%**	
	Turlock Irrigation District	527	-0.27%	
	Merced	106	-0.27%	
Total Turlock Irrigation District Control Area		**633**	**-0.27%**	
	SMUD	2,895	-0.20%	
	Modesto Irrigation District	654	-0.27%	
	Roseville	316	-0.27%	
	Redding	214	-0.27%	

Balancing Authority	Agency	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	City of Shasta Lake	35	34	34	34	34	34	33	33	33	33	34
	WAPA (BANC)	90	90	90	90	90	90	90	90	90	90	90
Total Balancing Authority of Northern California Control Area		**4,304**	**4,242**	**4,215**	**4,211**	**4,200**	**4,188**	**4,174**	**4,163**	**4,161**	**4,171**	**4,186**
	SCE Service Area - LA Basin	16,297	16,109	15,975	15,861	15,850	15,796	15,753	15,749	15,769	15,789	15,883
	Anaheim	526	520	515	512	511	509	508	508	509	509	512
	Pasadena Water and Power	273	270	267	265	265	264	264	264	264	264	266
	Riverside	594	587	582	578	577	575	574	574	574	575	579
	Vernon	149	147	171	170	169	169	169	169	169	169	170
	Other SP15 LSEs - LA Basin	246	243	241	240	239	239	238	238	238	239	240
	MWD - LA Basin	20	20	20	20	20	20	20	20	20	20	20
LA Basin Subtotal		**18,104**	**17,895**	**17,771**	**17,645**	**17,633**	**17,572**	**17,525**	**17,521**	**17,542**	**17,565**	**17,669**
	SCE Service Area - Big Creek/Ventura	3,996	3,950	3,917	3,889	3,886	3,873	3,862	3,861	3,866	3,871	3,894
	CDWR - Big Creek/Ventura	290	275	275	275	275	275	275	276	276	303	303
Big Creek/Ventura Subtotal		**4,286**	**4,224**	**4,192**	**4,164**	**4,161**	**4,148**	**4,137**	**4,137**	**4,142**	**4,174**	**4,197**
	SCE Service Area - Other	1,010	999	990	983	983	979	977	976	977	979	985
	Other SP15 LSEs - Other	26	26	25	25	25	25	25	25	25	25	25
	CDWR - Other	47	45	45	45	45	45	45	45	45	50	50
	MWD - Other	163	154	154	154	154	154	154	154	154	171	172
Total SCE TAC Area		**23,637**	**23,343**	**23,177**	**23,015**	**23,000**	**22,923**	**22,862**	**22,859**	**22,886**	**22,964**	**23,097**
SDG&E TAC Area		**4,194**	**4,138**	**4,158**	**4,194**	**4,224**	**4,250**	**4,273**	**4,292**	**4,313**	**4,334**	**4,354**
Valley Electric Association (CA + NV Territory)		**133**	**145**	**153**	**156**	**159**	**161**	**164**	**166**	**169**	**171**	**173**
Total South of Path 26		**27,964**	**27,625**	**27,488**	**27,366**	**27,383**	**27,334**	**27,299**	**27,317**	**27,368**	**27,469**	**27,625**
	LADWP	5,787	5,696	5,608	5,555	5,450	5,368	5,246	5,160	5,059	4,992	4,940
	Burbank	286	284	284	285	283	282	281	279	279	279	281
	Glendale	297	295	294	295	294	292	291	290	289	290	291
Total LADWP Control Area		**6,370**	**6,275**	**6,186**	**6,135**	**6,028**	**5,942**	**5,818**	**5,729**	**5,627**	**5,561**	**5,512**
Imperial Irrigation District Control Area		**1,071**	**1,056**	**1,045**	**1,037**	**1,030**	**1,024**	**1,019**	**1,017**	**1,017**	**1,020**	**1,026**
Total California ISO Noncoincident Peak		**48,743**	**48,112**	**47,589**	**47,349**	**47,306**	**47,253**	**47,287**	**47,384**	**47,505**	**47,757**	**47,891**
Total California ISO Coincident Peak		**46,117**	**45,647**	**45,184**	**45,280**	**45,447**	**45,610**	**45,827**	**46,011**	**46,227**	**46,493**	**46,702**
Total STATEWIDE Noncoincident Peak		**61,141**	**60,327**	**59,673**	**59,369**	**59,198**	**59,040**	**58,929**	**58,923**	**58,940**	**59,138**	**59,246**
Total STATEWIDE Coincident Peak		**57,848**	**57,236**	**56,658**	**56,775**	**56,872**	**56,987**	**57,109**	**57,216**	**57,354**	**57,572**	**57,776**

Balancing Authority	Agency	2030	Average Annual Growth (2019-2030)	CAISO area Non-IOU,CCA,ESP demand flag
	City of Shasta Lake	34	-0.27%	
	WAPA (BANC)	90	0.00%	
Total Balancing Authority of Northern California Control Area		**4,202**	**-0.22%**	
	SCE Service Area - LA Basin	16,027	-0.15%	
	Anaheim	517	-0.15%	1
	Pasadena Water and Power	268	-0.15%	1
	Riverside	584	-0.15%	1
	Vernon	171	1.26%	1
	Other SP15 LSEs - LA Basin	242	-0.15%	1
	MWD - LA Basin	20	0.00%	1
LA Basin Subtotal		**17,829**	**-0.14%**	
	SCE Service Area - Big Creek/Ventura	3,929	-0.15%	
	CDWR - Big Creek/Ventura	303	0.40%	1
Big Creek/Ventura Subtotal		**4,233**	**-0.11%**	
	SCE Service Area - Other	993	-0.15%	
	Other SP15 LSEs - Other	25	-0.15%	1
	CDWR - Other	50	0.40%	1
	MWD - Other	172	0.45%	1
Total SCE TAC Area		**23,301**	**-0.13%**	
SDG&E TAC Area		**4,373**	**0.38%**	
Valley Electric Association (CA + NV Territory)		**176**	**2.53%**	1
Total South of Path 26		**27,850**	**-0.04%**	
	LADWP	4,872	-1.55%	
	Burbank	283	-0.11%	
	Glendale	293	-0.11%	
Total LADWP Control Area		**5,448**	**-1.41%**	
Imperial Irrigation District Control Area		**1,033**	**-0.33%**	
Total California ISO Noncoincident Peak		**48,241**	**-0.09%**	
Total California ISO Coincident Peak		**47,016**	**0.18%**	
Total STATEWIDE Noncoincident Peak		**59,558**	**-0.24%**	
Total STATEWIDE Coincident Peak		**58,045**	**0.03%**	

Balancing Authority	Agency	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029

Table developed using weather normalized 2019 net peak demand values for each BA area. Inlcudes the impact of IOU load-modifying demand response programs.

Agency peak demand within a BA area is adjusted to be coincident with the respective BA area net peak demand total.

Please input your LSE's 2021 System RA allocation, NQC MW here. This will be kept confidential.	Redacted

		2,020	2,021	2,022	2,023	2,024	2,025	2,026	2,027	2,028	2,029
CAISO area Non-IOU,CCA,ESP non-coincident demand		3,985	3,997	3,988	3,992	3,995	3,999	4,004	4,009	4,068	4,077
CAISO area IOU,CCA,ESP non-coincident demand		44,127	43,592	43,361	43,314	43,259	43,288	43,380	43,496	43,689	43,813
coincident adjustment		95%	95%	96%	96%	97%	97%	97%	97%	97%	98%
CAISO area IOU,CCA,ESP coincident demand		41,866	41,389	41,466	41,612	41,754	41,951	42,123	42,326	42,533	42,726
Your LSE'S estimated percent of CAISO area IOU,CCA,ESP coincident demand	2%										
Your LSE's estimated system RA requirement, NQC MW		764	756	757	760	762	766	769	773	777	780

Test TRUE

Balancing Authority	Agency	2030	Average Annual Growth (2019-2030)	CAISO area Non-IOU,CCA,ESP demand flag

Table developed using weather normalized 2019 net peak demand values for each BA area. Inlcudes the impact of IOU load-modifying demand response programs.

Agency peak demand within a BA area is adjusted to be coincident with the respective BA area net peak demand total.

Please input your LSE's 2021 System RA allocation, NQC MW here. This will be kept confidential.	Redacted

	2,030
CAISO area Non-IOU,CCA,ESP non-coincident demand	4,120
CAISO area IOU,CCA,ESP non-coincident demand	44,121
coincident adjustment	97%
CAISO area IOU,CCA,ESP coincident demand	43,000

Your LSE'S estimated percent of CAISO area IOU,CCA,ESP coincident demand	

Your LSE's estimated system RA requirement, NQC MW	785

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
3	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
4	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
5	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
6	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
7	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
8	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
9	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
10	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
11	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
12	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
13	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
14	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
15	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
16	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
17	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
18	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
19	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
20	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
21	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
22	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
23	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
24	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
25	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
26	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
27	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
28	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
29	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
30	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
31	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
32	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
33	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
34	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
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4	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
5	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
6	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
7	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
8	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
9	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
10	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
11	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
12	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
13	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
14	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
15	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
16	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
17	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
18	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
19	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
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23	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
24	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
25	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
26	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
27	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
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30	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
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32	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
33	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
34	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
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3	Redacted	ok	physical	0	1	Redacted
4	Redacted	ok	physical	0	1	Redacted
5	Redacted	ok	physical	0	1	Redacted
6	Redacted	ok	physical	0	1	Redacted
7	Redacted	ok	physical	0	1	Redacted
8	Redacted	ok	physical	0	1	Redacted
9	Redacted	ok	physical	0	1	Redacted
10	Redacted	ok	physical	0	1	Redacted
11	Redacted	ok	physical	0	1	Redacted
12	Redacted	ok	physical	0	1	Redacted
13	Redacted	ok	physical	0	1	Redacted
14	Redacted	ok	physical	0	1	Redacted
15	Redacted	ok	physical	0	1	Redacted
16	Redacted	ok	physical	0	1	Redacted
17	Redacted	ok	physical	0	1	Redacted
18	Redacted	ok	physical	0	1	Redacted
19	Redacted	ok	physical	0	1	Redacted
20	Redacted	ok	physical	0	1	Redacted
21	Redacted	ok	physical	0	1	Redacted
22	Redacted	ok	physical	0	1	Redacted
23	Redacted	ok	physical	0	1	Redacted
24	Redacted	ok	physical	0	1	Redacted
25	Redacted	ok	physical	0	1	Redacted
26	Redacted	ok	physical	0	1	Redacted
27	Redacted	ok	physical	0	1	Redacted
28	Redacted	ok	physical	0	1	Redacted
29	Redacted	ok	physical	0	1	Redacted
30	Redacted	ok	physical	0	1	Redacted
31	Redacted	ok	physical	0	1	Redacted
32	Redacted	ok	physical	0	1	Redacted
33	Redacted	ok	physical	0	1	Redacted
34	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2	1	1	1	1	1	1	1	1	1	1
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4	0	0	1	1	1	1	1	1	1	1
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19	0	0	1	1	1	1	1	1	1	1
20	0	0	1	1	1	1	1	1	1	1
21	0	0	1	1	1	1	1	1	1	1
22	0	0	1	1	1	1	1	1	1	1
23	0	0	1	1	1	1	1	1	1	1
24	0	0	1	1	1	1	1	1	1	1
25	0	0	1	1	1	1	1	1	1	1
26	0	0	1	1	1	1	1	1	1	1
27	0	0	1	1	1	1	1	1	1	1
28	0	0	1	1	1	1	1	1	1	1
29	0	0	1	1	1	1	1	1	1	1
30	0	0	1	1	1	1	1	1	1	1
31	0	0	1	1	1	1	1	1	1	1
32	0	0	1	1	1	1	1	1	1	1
33	0	0	1	1	1	1	1	1	1	1
34	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
35	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
36	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
37	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
38	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
39	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
40	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
41	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
42	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
43	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
44	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
45	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
46	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
47	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
48	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
49	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
50	SVCEA	Redacted	Redacted	2023	1	0	Redacted		online	
51	SVCEA	Redacted	Redacted	2023	2	0	Redacted		online	
52	SVCEA	Redacted	Redacted	2023	3	0	Redacted		online	
53	SVCEA	Redacted	Redacted	2023	4	0	Redacted		online	
54	SVCEA	Redacted	Redacted	2023	5	0	Redacted		online	
55	SVCEA	Redacted	Redacted	2023	6	0	Redacted		online	
56	SVCEA	Redacted	Redacted	2023	7	0	Redacted		online	
57	SVCEA	Redacted	Redacted	2023	8	0	Redacted		online	
58	SVCEA	Redacted	Redacted	2023	9	0	Redacted		online	
59	SVCEA	Redacted	Redacted	2023	10	0	Redacted		online	
60	SVCEA	Redacted	Redacted	2023	11	0	Redacted		online	
61	SVCEA	Redacted	Redacted	2023	12	0	Redacted		online	
62	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
63	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
64	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
65	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
66	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
67	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
35	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
36	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
37	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
38	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
39	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
40	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
41	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
42	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
43	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
44	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
45	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
46	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
47	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
48	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
49	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
50	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
51	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
52	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
53	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
54	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
55	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
56	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
57	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
58	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
59	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
60	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
61	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
62	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
63	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
64	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
65	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
66	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
67	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
35	Redacted	ok	physical	0	1	Redacted
36	Redacted	ok	physical	0	1	Redacted
37	Redacted	ok	physical	0	1	Redacted
38	Redacted	ok	physical	0	1	Redacted
39	Redacted	ok	physical	0	1	Redacted
40	Redacted	ok	physical	0	1	Redacted
41	Redacted	ok	physical	0	1	Redacted
42	Redacted	ok	physical	0	1	Redacted
43	Redacted	ok	physical	0	1	Redacted
44	Redacted	ok	physical	0	1	Redacted
45	Redacted	ok	physical	0	1	Redacted
46	Redacted	ok	physical	0	1	Redacted
47	Redacted	ok	physical	0	1	Redacted
48	Redacted	ok	physical	0	1	Redacted
49	Redacted	ok	physical	0	1	Redacted
50	Redacted	ok	physical	0	1	Redacted
51	Redacted	ok	physical	0	1	Redacted
52	Redacted	ok	physical	0	1	Redacted
53	Redacted	ok	physical	0	1	Redacted
54	Redacted	ok	physical	0	1	Redacted
55	Redacted	ok	physical	0	1	Redacted
56	Redacted	ok	physical	0	1	Redacted
57	Redacted	ok	physical	0	1	Redacted
58	Redacted	ok	physical	0	1	Redacted
59	Redacted	ok	physical	0	1	Redacted
60	Redacted	ok	physical	0	1	Redacted
61	Redacted	ok	physical	0	1	Redacted
62	Redacted	ok	physical	0	1	Redacted
63	Redacted	ok	physical	0	1	Redacted
64	Redacted	ok	physical	0	1	Redacted
65	Redacted	ok	physical	0	1	Redacted
66	Redacted	ok	physical	0	1	Redacted
67	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
35	0	0	1	1	1	1	1	1	1	1
36	0	0	1	1	1	1	1	1	1	1
37	0	0	1	1	1	1	1	1	1	1
38	0	0	1	1	1	1	1	1	1	1
39	0	0	1	1	1	1	1	1	1	1
40	0	0	1	1	1	1	1	1	1	1
41	0	0	1	1	1	1	1	1	1	1
42	0	0	1	1	1	1	1	1	1	1
43	0	0	1	1	1	1	1	1	1	1
44	0	0	1	1	1	1	1	1	1	1
45	0	0	1	1	1	1	1	1	1	1
46	0	0	1	1	1	1	1	1	1	1
47	0	0	1	1	1	1	1	1	1	1
48	0	0	1	1	1	1	1	1	1	1
49	0	0	1	1	1	1	1	1	1	1
50	0	0	1	1	1	1	1	1	1	1
51	0	0	1	1	1	1	1	1	1	1
52	0	0	1	1	1	1	1	1	1	1
53	0	0	1	1	1	1	1	1	1	1
54	0	0	1	1	1	1	1	1	1	1
55	0	0	1	1	1	1	1	1	1	1
56	0	0	1	1	1	1	1	1	1	1
57	0	0	1	1	1	1	1	1	1	1
58	0	0	1	1	1	1	1	1	1	1
59	0	0	1	1	1	1	1	1	1	1
60	0	0	1	1	1	1	1	1	1	1
61	0	0	1	1	1	1	1	1	1	1
62	1	3	1	1	1	1	1	1	1	1
63	0	0	1	1	1	1	1	1	1	1
64	0	0	1	1	1	1	1	1	1	1
65	0	0	1	1	1	1	1	1	1	1
66	0	0	1	1	1	1	1	1	1	1
67	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
68	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
69	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
70	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
71	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
72	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
73	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
74	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
75	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
76	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
77	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
78	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
79	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
80	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
81	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
82	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
83	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
84	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
85	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
86	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
87	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
88	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
89	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
90	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
91	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
92	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
93	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
94	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
95	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
96	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
97	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
98	SVCEA	Redacted	Redacted	2023	1	0	Redacted		online	
99	SVCEA	Redacted	Redacted	2023	2	0	Redacted		online	
100	SVCEA	Redacted	Redacted	2023	3	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
68	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
69	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
70	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
71	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
72	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
73	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
74	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
75	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
76	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
77	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
78	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
79	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
80	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
81	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
82	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
83	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
84	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
85	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
86	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
87	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
88	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
89	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
90	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
91	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
92	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
93	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
94	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
95	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
96	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
97	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
98	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
99	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
100	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
68	Redacted	ok	physical	0	1	Redacted
69	Redacted	ok	physical	0	1	Redacted
70	Redacted	ok	physical	0	1	Redacted
71	Redacted	ok	physical	0	1	Redacted
72	Redacted	ok	physical	0	1	Redacted
73	Redacted	ok	physical	0	1	Redacted
74	Redacted	ok	physical	0	1	Redacted
75	Redacted	ok	physical	0	1	Redacted
76	Redacted	ok	physical	0	1	Redacted
77	Redacted	ok	physical	0	1	Redacted
78	Redacted	ok	physical	0	1	Redacted
79	Redacted	ok	physical	0	1	Redacted
80	Redacted	ok	physical	0	1	Redacted
81	Redacted	ok	physical	0	1	Redacted
82	Redacted	ok	physical	0	1	Redacted
83	Redacted	ok	physical	0	1	Redacted
84	Redacted	ok	physical	0	1	Redacted
85	Redacted	ok	physical	0	1	Redacted
86	Redacted	ok	physical	0	1	Redacted
87	Redacted	ok	physical	0	1	Redacted
88	Redacted	ok	physical	0	1	Redacted
89	Redacted	ok	physical	0	1	Redacted
90	Redacted	ok	physical	0	1	Redacted
91	Redacted	ok	physical	0	1	Redacted
92	Redacted	ok	physical	0	1	Redacted
93	Redacted	ok	physical	0	1	Redacted
94	Redacted	ok	physical	0	1	Redacted
95	Redacted	ok	physical	0	1	Redacted
96	Redacted	ok	physical	0	1	Redacted
97	Redacted	ok	physical	0	1	Redacted
98	Redacted	ok	physical	0	1	Redacted
99	Redacted	ok	physical	0	1	Redacted
100	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
68	0	0	1	1	1	1	1	1	1	1
69	0	0	1	1	1	1	1	1	1	1
70	0	0	1	1	1	1	1	1	1	1
71	0	0	1	1	1	1	1	1	1	1
72	0	0	1	1	1	1	1	1	1	1
73	0	0	1	1	1	1	1	1	1	1
74	0	0	1	1	1	1	1	1	1	1
75	0	0	1	1	1	1	1	1	1	1
76	0	0	1	1	1	1	1	1	1	1
77	0	0	1	1	1	1	1	1	1	1
78	0	0	1	1	1	1	1	1	1	1
79	0	0	1	1	1	1	1	1	1	1
80	0	0	1	1	1	1	1	1	1	1
81	0	0	1	1	1	1	1	1	1	1
82	0	0	1	1	1	1	1	1	1	1
83	0	0	1	1	1	1	1	1	1	1
84	0	0	1	1	1	1	1	1	1	1
85	0	0	1	1	1	1	1	1	1	1
86	0	0	1	1	1	1	1	1	1	1
87	0	0	1	1	1	1	1	1	1	1
88	0	0	1	1	1	1	1	1	1	1
89	0	0	1	1	1	1	1	1	1	1
90	0	0	1	1	1	1	1	1	1	1
91	0	0	1	1	1	1	1	1	1	1
92	0	0	1	1	1	1	1	1	1	1
93	0	0	1	1	1	1	1	1	1	1
94	0	0	1	1	1	1	1	1	1	1
95	0	0	1	1	1	1	1	1	1	1
96	0	0	1	1	1	1	1	1	1	1
97	0	0	1	1	1	1	1	1	1	1
98	0	0	1	1	1	1	1	1	1	1
99	0	0	1	1	1	1	1	1	1	1
100	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
101	SVCEA	Redacted	Redacted	2023	4	0	Redacted		online	
102	SVCEA	Redacted	Redacted	2023	5	0	Redacted		online	
103	SVCEA	Redacted	Redacted	2023	6	0	Redacted		online	
104	SVCEA	Redacted	Redacted	2023	7	0	Redacted		online	
105	SVCEA	Redacted	Redacted	2023	8	0	Redacted		online	
106	SVCEA	Redacted	Redacted	2023	9	0	Redacted		online	
107	SVCEA	Redacted	Redacted	2023	10	0	Redacted		online	
108	SVCEA	Redacted	Redacted	2023	11	0	Redacted		online	
109	SVCEA	Redacted	Redacted	2023	12	0	Redacted		online	
110	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
111	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
112	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
113	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
114	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
115	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
116	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
117	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
118	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
119	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
120	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
121	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
122	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
123	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
124	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
125	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
126	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
127	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
128	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
129	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
130	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
131	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
132	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
133	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
101	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
102	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
103	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
104	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
105	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
106	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
107	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
108	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
109	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
110	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
111	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
112	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
113	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
114	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
115	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
116	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
117	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
118	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
119	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
120	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
121	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
122	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
123	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
124	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
125	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
126	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
127	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
128	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
129	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
130	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
131	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
132	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
133	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
101	Redacted	ok	physical	0	1	Redacted
102	Redacted	ok	physical	0	1	Redacted
103	Redacted	ok	physical	0	1	Redacted
104	Redacted	ok	physical	0	1	Redacted
105	Redacted	ok	physical	0	1	Redacted
106	Redacted	ok	physical	0	1	Redacted
107	Redacted	ok	physical	0	1	Redacted
108	Redacted	ok	physical	0	1	Redacted
109	Redacted	ok	physical	0	1	Redacted
110	Redacted	ok	physical	0	1	Redacted
111	Redacted	ok	physical	0	1	Redacted
112	Redacted	ok	physical	0	1	Redacted
113	Redacted	ok	physical	0	1	Redacted
114	Redacted	ok	physical	0	1	Redacted
115	Redacted	ok	physical	0	1	Redacted
116	Redacted	ok	physical	0	1	Redacted
117	Redacted	ok	physical	0	1	Redacted
118	Redacted	ok	physical	0	1	Redacted
119	Redacted	ok	physical	0	1	Redacted
120	Redacted	ok	physical	0	1	Redacted
121	Redacted	ok	physical	0	1	Redacted
122	Redacted	ok	physical	0	1	Redacted
123	Redacted	ok	physical	0	1	Redacted
124	Redacted	ok	physical	0	1	Redacted
125	Redacted	ok	physical	0	1	Redacted
126	Redacted	ok	physical	0	1	Redacted
127	Redacted	ok	physical	0	1	Redacted
128	Redacted	ok	physical	0	1	Redacted
129	Redacted	ok	physical	0	1	Redacted
130	Redacted	ok	physical	0	1	Redacted
131	Redacted	ok	physical	0	1	Redacted
132	Redacted	ok	physical	0	1	Redacted
133	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
101	0	0	1	1	1	1	1	1	1	1
102	0	0	1	1	1	1	1	1	1	1
103	0	0	1	1	1	1	1	1	1	1
104	0	0	1	1	1	1	1	1	1	1
105	0	0	1	1	1	1	1	1	1	1
106	0	0	1	1	1	1	1	1	1	1
107	0	0	1	1	1	1	1	1	1	1
108	0	0	1	1	1	1	1	1	1	1
109	0	0	1	1	1	1	1	1	1	1
110	1	4	1	1	1	1	1	1	1	1
111	0	0	1	1	1	1	1	1	1	1
112	0	0	1	1	1	1	1	1	1	1
113	0	0	1	1	1	1	1	1	1	1
114	0	0	1	1	1	1	1	1	1	1
115	0	0	1	1	1	1	1	1	1	1
116	0	0	1	1	1	1	1	1	1	1
117	0	0	1	1	1	1	1	1	1	1
118	0	0	1	1	1	1	1	1	1	1
119	0	0	1	1	1	1	1	1	1	1
120	0	0	1	1	1	1	1	1	1	1
121	0	0	1	1	1	1	1	1	1	1
122	1	5	1	1	1	1	1	1	1	1
123	0	0	1	1	1	1	1	1	1	1
124	0	0	1	1	1	1	1	1	1	1
125	0	0	1	1	1	1	1	1	1	1
126	0	0	1	1	1	1	1	1	1	1
127	0	0	1	1	1	1	1	1	1	1
128	0	0	1	1	1	1	1	1	1	1
129	0	0	1	1	1	1	1	1	1	1
130	0	0	1	1	1	1	1	1	1	1
131	0	0	1	1	1	1	1	1	1	1
132	0	0	1	1	1	1	1	1	1	1
133	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
134	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
135	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
136	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
137	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
138	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
139	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
140	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
141	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
142	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
143	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
144	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
145	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
146	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
147	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
148	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
149	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
150	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
151	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
152	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
153	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
154	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
155	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
156	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
157	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
158	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
159	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
160	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
161	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
162	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
163	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
164	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
165	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
166	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
134	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
135	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
136	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
137	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
138	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
139	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
140	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
141	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
142	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
143	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
144	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
145	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
146	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
147	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
148	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
149	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
150	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
151	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
152	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
153	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
154	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
155	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
156	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
157	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
158	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
159	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
160	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
161	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
162	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
163	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
164	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
165	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
166	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
134	Redacted	ok	physical	0	1	Redacted
135	Redacted	ok	physical	0	1	Redacted
136	Redacted	ok	physical	0	1	Redacted
137	Redacted	ok	physical	0	1	Redacted
138	Redacted	ok	physical	0	1	Redacted
139	Redacted	ok	physical	0	1	Redacted
140	Redacted	ok	physical	0	1	Redacted
141	Redacted	ok	physical	0	1	Redacted
142	Redacted	ok	physical	0	1	Redacted
143	Redacted	ok	physical	0	1	Redacted
144	Redacted	ok	physical	0	1	Redacted
145	Redacted	ok	physical	0	1	Redacted
146	Redacted	ok	physical	0	1	Redacted
147	Redacted	ok	physical	0	1	Redacted
148	Redacted	ok	physical	0	1	Redacted
149	Redacted	ok	physical	0	1	Redacted
150	Redacted	ok	physical	0	1	Redacted
151	Redacted	ok	physical	0	1	Redacted
152	Redacted	ok	physical	0	1	Redacted
153	Redacted	ok	physical	0	1	Redacted
154	Redacted	ok	physical	0	1	Redacted
155	Redacted	ok	physical	0	1	Redacted
156	Redacted	ok	physical	0	1	Redacted
157	Redacted	ok	physical	0	1	Redacted
158	Redacted	ok	physical	0	1	Redacted
159	Redacted	ok	physical	0	1	Redacted
160	Redacted	ok	physical	0	1	Redacted
161	Redacted	ok	physical	0	1	Redacted
162	Redacted	ok	physical	0	1	Redacted
163	Redacted	ok	physical	0	1	Redacted
164	Redacted	ok	physical	0	1	Redacted
165	Redacted	ok	physical	0	1	Redacted
166	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
134	1	6	1	1	1	1	1	1	1	1
135	0	0	1	1	1	1	1	1	1	1
136	0	0	1	1	1	1	1	1	1	1
137	0	0	1	1	1	1	1	1	1	1
138	0	0	1	1	1	1	1	1	1	1
139	0	0	1	1	1	1	1	1	1	1
140	0	0	1	1	1	1	1	1	1	1
141	0	0	1	1	1	1	1	1	1	1
142	0	0	1	1	1	1	1	1	1	1
143	0	0	1	1	1	1	1	1	1	1
144	0	0	1	1	1	1	1	1	1	1
145	0	0	1	1	1	1	1	1	1	1
146	1	7	1	1	1	1	1	1	1	1
147	0	0	1	1	1	1	1	1	1	1
148	0	0	1	1	1	1	1	1	1	1
149	0	0	1	1	1	1	1	1	1	1
150	0	0	1	1	1	1	1	1	1	1
151	0	0	1	1	1	1	1	1	1	1
152	0	0	1	1	1	1	1	1	1	1
153	0	0	1	1	1	1	1	1	1	1
154	0	0	1	1	1	1	1	1	1	1
155	0	0	1	1	1	1	1	1	1	1
156	0	0	1	1	1	1	1	1	1	1
157	0	0	1	1	1	1	1	1	1	1
158	1	8	1	1	1	1	1	1	1	1
159	0	0	1	1	1	1	1	1	1	1
160	0	0	1	1	1	1	1	1	1	1
161	0	0	1	1	1	1	1	1	1	1
162	0	0	1	1	1	1	1	1	1	1
163	0	0	1	1	1	1	1	1	1	1
164	0	0	1	1	1	1	1	1	1	1
165	0	0	1	1	1	1	1	1	1	1
166	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
167	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
168	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
169	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
170	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
171	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
172	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
173	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
174	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
175	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
176	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
177	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
178	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
179	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
180	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
181	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
182	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
183	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
184	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
185	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
186	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
187	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
188	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
189	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
190	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
191	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
192	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
193	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
194	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
195	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
196	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
197	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
198	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
199	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
167	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
168	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
169	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
170	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
171	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
172	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
173	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
174	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
175	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
176	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
177	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
178	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
179	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
180	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
181	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
182	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
183	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
184	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
185	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
186	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
187	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
188	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
189	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
190	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
191	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
192	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
193	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
194	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
195	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
196	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
197	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
198	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
199	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
167	Redacted	ok	physical	0	1	Redacted
168	Redacted	ok	physical	0	1	Redacted
169	Redacted	ok	physical	0	1	Redacted
170	Redacted	ok	special	0	1	Redacted
171	Redacted	ok	special	0	1	Redacted
172	Redacted	ok	special	0	1	Redacted
173	Redacted	ok	special	0	1	Redacted
174	Redacted	ok	special	0	1	Redacted
175	Redacted	ok	special	0	1	Redacted
176	Redacted	ok	special	0	1	Redacted
177	Redacted	ok	special	0	1	Redacted
178	Redacted	ok	special	0	1	Redacted
179	Redacted	ok	special	0	1	Redacted
180	Redacted	ok	special	0	1	Redacted
181	Redacted	ok	special	0	1	Redacted
182	Redacted	ok	special	0	1	Redacted
183	Redacted	ok	special	0	1	Redacted
184	Redacted	ok	special	0	1	Redacted
185	Redacted	ok	special	0	1	Redacted
186	Redacted	ok	special	0	1	Redacted
187	Redacted	ok	special	0	1	Redacted
188	Redacted	ok	special	0	1	Redacted
189	Redacted	ok	special	0	1	Redacted
190	Redacted	ok	special	0	1	Redacted
191	Redacted	ok	special	0	1	Redacted
192	Redacted	ok	special	0	1	Redacted
193	Redacted	ok	special	0	1	Redacted
194	Redacted	ok	special	0	1	Redacted
195	Redacted	ok	special	0	1	Redacted
196	Redacted	ok	special	0	1	Redacted
197	Redacted	ok	special	0	1	Redacted
198	Redacted	ok	special	0	1	Redacted
199	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
167	0	0	1	1	1	1	1	1	1	1
168	0	0	1	1	1	1	1	1	1	1
169	0	0	1	1	1	1	1	1	1	1
170	1	9	1	1	1	1	1	1	1	1
171	0	0	1	1	1	1	1	1	1	1
172	0	0	1	1	1	1	1	1	1	1
173	0	0	1	1	1	1	1	1	1	1
174	0	0	1	1	1	1	1	1	1	1
175	0	0	1	1	1	1	1	1	1	1
176	0	0	1	1	1	1	1	1	1	1
177	0	0	1	1	1	1	1	1	1	1
178	0	0	1	1	1	1	1	1	1	1
179	0	0	1	1	1	1	1	1	1	1
180	0	0	1	1	1	1	1	1	1	1
181	0	0	1	1	1	1	1	1	1	1
182	0	0	1	1	1	1	1	1	1	1
183	0	0	1	1	1	1	1	1	1	1
184	0	0	1	1	1	1	1	1	1	1
185	0	0	1	1	1	1	1	1	1	1
186	0	0	1	1	1	1	1	1	1	1
187	0	0	1	1	1	1	1	1	1	1
188	0	0	1	1	1	1	1	1	1	1
189	0	0	1	1	1	1	1	1	1	1
190	0	0	1	1	1	1	1	1	1	1
191	0	0	1	1	1	1	1	1	1	1
192	0	0	1	1	1	1	1	1	1	1
193	0	0	1	1	1	1	1	1	1	1
194	0	0	1	1	1	1	1	1	1	1
195	0	0	1	1	1	1	1	1	1	1
196	0	0	1	1	1	1	1	1	1	1
197	0	0	1	1	1	1	1	1	1	1
198	0	0	1	1	1	1	1	1	1	1
199	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
200	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
201	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
202	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
203	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
204	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
205	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
206	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
207	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
208	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
209	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
210	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
211	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
212	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
213	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
214	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
215	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
216	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
217	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
218	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
219	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
220	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
221	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
222	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
223	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
224	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
225	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
226	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
227	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
228	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
229	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
230	SVCEA	Sellers_Choice	182RA049	2020	1	0	Redacted		online	
231	SVCEA	Sellers_Choice	182RA049	2020	2	0	Redacted		online	
232	SVCEA	Sellers_Choice	182RA049	2020	3	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
200	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
201	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
202	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
203	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
204	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
205	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
206	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
207	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
208	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
209	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
210	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
211	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
212	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
213	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
214	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
215	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
216	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
217	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
218	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
219	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
220	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
221	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
222	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
223	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
224	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
225	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
226	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
227	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
228	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
229	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
230	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_1	0%	1	#N/A
231	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_2	0%	1	#N/A
232	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_3	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
200	Redacted	ok	special	0	1	Redacted
201	Redacted	ok	special	0	1	Redacted
202	Redacted	ok	special	0	1	Redacted
203	Redacted	ok	special	0	1	Redacted
204	Redacted	ok	special	0	1	Redacted
205	Redacted	ok	special	0	1	Redacted
206	Redacted	ok	special	0	1	Redacted
207	Redacted	ok	special	0	1	Redacted
208	Redacted	ok	special	0	1	Redacted
209	Redacted	ok	special	0	1	Redacted
210	Redacted	ok	special	0	1	Redacted
211	Redacted	ok	special	0	1	Redacted
212	Redacted	ok	special	0	1	Redacted
213	Redacted	ok	special	0	1	Redacted
214	Redacted	ok	special	0	1	Redacted
215	Redacted	ok	special	0	1	Redacted
216	Redacted	ok	special	0	1	Redacted
217	Redacted	ok	special	0	1	Redacted
218	Redacted	ok	special	0	1	Redacted
219	Redacted	ok	special	0	1	Redacted
220	Redacted	ok	special	0	1	Redacted
221	Redacted	ok	special	0	1	Redacted
222	Redacted	ok	special	0	1	Redacted
223	Redacted	ok	special	0	1	Redacted
224	Redacted	ok	special	0	1	Redacted
225	Redacted	ok	special	0	1	Redacted
226	Redacted	ok	special	0	1	Redacted
227	Redacted	ok	special	0	1	Redacted
228	Redacted	ok	special	0	1	Redacted
229	Redacted	ok	special	0	1	Redacted
230	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
231	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
232	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
200	0	0	1	1	1	1	1	1	1	1
201	0	0	1	1	1	1	1	1	1	1
202	0	0	1	1	1	1	1	1	1	1
203	0	0	1	1	1	1	1	1	1	1
204	0	0	1	1	1	1	1	1	1	1
205	0	0	1	1	1	1	1	1	1	1
206	0	0	1	1	1	1	1	1	1	1
207	0	0	1	1	1	1	1	1	1	1
208	0	0	1	1	1	1	1	1	1	1
209	0	0	1	1	1	1	1	1	1	1
210	0	0	1	1	1	1	1	1	1	1
211	0	0	1	1	1	1	1	1	1	1
212	0	0	1	1	1	1	1	1	1	1
213	0	0	1	1	1	1	1	1	1	1
214	0	0	1	1	1	1	1	1	1	1
215	0	0	1	1	1	1	1	1	1	1
216	0	0	1	1	1	1	1	1	1	1
217	0	0	1	1	1	1	1	1	1	1
218	0	0	1	1	1	1	1	1	1	1
219	0	0	1	1	1	1	1	1	1	1
220	0	0	1	1	1	1	1	1	1	1
221	0	0	1	1	1	1	1	1	1	1
222	0	0	1	1	1	1	1	1	1	1
223	0	0	1	1	1	1	1	1	1	1
224	0	0	1	1	1	1	1	1	1	1
225	0	0	1	1	1	1	1	1	1	1
226	0	0	1	1	1	1	1	1	1	1
227	0	0	1	1	1	1	1	1	1	1
228	0	0	1	1	1	1	1	1	1	1
229	0	0	1	1	1	1	1	1	1	1
230	0	0	1	1	1	1	1	1	1	1
231	0	0	1	1	1	1	1	1	1	1
232	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
233	SVCEA	Sellers_Choice	182RA049	2020	4	0	Redacted		online	
234	SVCEA	Sellers_Choice	182RA049	2020	5	0	Redacted		online	
235	SVCEA	Sellers_Choice	182RA049	2020	6	0	Redacted		online	
236	SVCEA	Sellers_Choice	182RA049	2020	7	0	Redacted		online	
237	SVCEA	Sellers_Choice	182RA049	2020	8	0	Redacted		online	
238	SVCEA	Sellers_Choice	182RA049	2020	9	0	Redacted		online	
239	SVCEA	Sellers_Choice	182RA049	2020	10	0	Redacted		online	
240	SVCEA	Sellers_Choice	182RA049	2020	11	0	Redacted		online	
241	SVCEA	Sellers_Choice	182RA049	2020	12	0	Redacted		online	
242	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
243	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
244	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
245	SVCEA	Sellers_Choice	182RA049	2020	4	0	Redacted		online	
246	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
247	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
248	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
249	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
250	SVCEA	Sellers_Choice	182RA049	2020	9	0	Redacted		online	
251	SVCEA	Sellers_Choice	182RA049	2020	10	0	Redacted		online	
252	SVCEA	Sellers_Choice	182RA049	2020	11	0	Redacted		online	
253	SVCEA	Sellers_Choice	182RA049	2020	12	0	Redacted		online	
254	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
255	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
256	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
257	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
258	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
259	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
260	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
261	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
262	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
263	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
264	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
265	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
233	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_4	0%	1	#N/A
234	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_5	0%	1	#N/A
235	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_6	0%	1	#N/A
236	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_7	0%	1	#N/A
237	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_8	0%	1	#N/A
238	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_9	0%	1	#N/A
239	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_10	0%	1	#N/A
240	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_11	0%	1	#N/A
241	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_12	0%	1	#N/A
242	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
243	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
244	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
245	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_4	0%	1	#N/A
246	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
247	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
248	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
249	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
250	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_9	0%	1	#N/A
251	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_10	0%	1	#N/A
252	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_11	0%	1	#N/A
253	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_12	0%	1	#N/A
254	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
255	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
256	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
257	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
258	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
259	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
260	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
261	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
262	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
263	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
264	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
265	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
233	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
234	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
235	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
236	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
237	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
238	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
239	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
240	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
241	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
242	Redacted	ok	special	0	1	Redacted
243	Redacted	ok	special	0	1	Redacted
244	Redacted	ok	special	0	1	Redacted
245	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
246	Redacted	ok	special	0	1	Redacted
247	Redacted	ok	special	0	1	Redacted
248	Redacted	ok	special	0	1	Redacted
249	Redacted	ok	special	0	1	Redacted
250	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
251	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
252	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
253	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
254	Redacted	ok	special	0	1	Redacted
255	Redacted	ok	special	0	1	Redacted
256	Redacted	ok	special	0	1	Redacted
257	Redacted	ok	special	0	1	Redacted
258	Redacted	ok	special	0	1	Redacted
259	Redacted	ok	special	0	1	Redacted
260	Redacted	ok	special	0	1	Redacted
261	Redacted	ok	special	0	1	Redacted
262	Redacted	ok	special	0	1	Redacted
263	Redacted	ok	special	0	1	Redacted
264	Redacted	ok	special	0	1	Redacted
265	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
233	0	0	1	1	1	1	1	1	1	1
234	0	0	1	1	1	1	1	1	1	1
235	0	0	1	1	1	1	1	1	1	1
236	0	0	1	1	1	1	1	1	1	1
237	0	0	1	1	1	1	1	1	1	1
238	0	0	1	1	1	1	1	1	1	1
239	0	0	1	1	1	1	1	1	1	1
240	0	0	1	1	1	1	1	1	1	1
241	0	0	1	1	1	1	1	1	1	1
242	0	0	1	1	1	1	1	1	1	1
243	0	0	1	1	1	1	1	1	1	1
244	0	0	1	1	1	1	1	1	1	1
245	0	0	1	1	1	1	1	1	1	1
246	0	0	1	1	1	1	1	1	1	1
247	0	0	1	1	1	1	1	1	1	1
248	0	0	1	1	1	1	1	1	1	1
249	0	0	1	1	1	1	1	1	1	1
250	0	0	1	1	1	1	1	1	1	1
251	0	0	1	1	1	1	1	1	1	1
252	0	0	1	1	1	1	1	1	1	1
253	0	0	1	1	1	1	1	1	1	1
254	0	0	1	1	1	1	1	1	1	1
255	0	0	1	1	1	1	1	1	1	1
256	0	0	1	1	1	1	1	1	1	1
257	0	0	1	1	1	1	1	1	1	1
258	0	0	1	1	1	1	1	1	1	1
259	0	0	1	1	1	1	1	1	1	1
260	0	0	1	1	1	1	1	1	1	1
261	0	0	1	1	1	1	1	1	1	1
262	0	0	1	1	1	1	1	1	1	1
263	0	0	1	1	1	1	1	1	1	1
264	0	0	1	1	1	1	1	1	1	1
265	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
266	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
267	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
268	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
269	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
270	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
271	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
272	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
273	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
274	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
275	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
276	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
277	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
278	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
279	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
280	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
281	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
282	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
283	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
284	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
285	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
286	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
287	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
288	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
289	SVCEA	Sellers_Choice	182RA049	2020	12	0	Redacted		online	
290	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
291	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
292	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
293	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
294	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
295	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
296	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
297	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
298	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
266	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
267	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
268	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
269	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
270	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
271	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
272	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
273	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
274	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
275	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
276	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
277	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
278	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
279	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
280	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
281	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
282	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
283	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
284	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
285	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
286	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
287	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
288	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
289	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_12	0%	1	#N/A
290	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
291	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
292	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
293	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
294	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
295	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
296	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
297	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
298	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
266	Redacted	ok	special	0	1	Redacted
267	Redacted	ok	special	0	1	Redacted
268	Redacted	ok	special	0	1	Redacted
269	Redacted	ok	special	0	1	Redacted
270	Redacted	ok	special	0	1	Redacted
271	Redacted	ok	special	0	1	Redacted
272	Redacted	ok	special	0	1	Redacted
273	Redacted	ok	special	0	1	Redacted
274	Redacted	ok	special	0	1	Redacted
275	Redacted	ok	special	0	1	Redacted
276	Redacted	ok	special	0	1	Redacted
277	Redacted	ok	special	0	1	Redacted
278	Redacted	ok	special	0	1	Redacted
279	Redacted	ok	special	0	1	Redacted
280	Redacted	ok	special	0	1	Redacted
281	Redacted	ok	special	0	1	Redacted
282	Redacted	ok	special	0	1	Redacted
283	Redacted	ok	special	0	1	Redacted
284	Redacted	ok	special	0	1	Redacted
285	Redacted	ok	special	0	1	Redacted
286	Redacted	ok	special	0	1	Redacted
287	Redacted	ok	special	0	1	Redacted
288	Redacted	ok	special	0	1	Redacted
289	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
290	Redacted	ok	special	0	1	Redacted
291	Redacted	ok	special	0	1	Redacted
292	Redacted	ok	special	0	1	Redacted
293	Redacted	ok	special	0	1	Redacted
294	Redacted	ok	special	0	1	Redacted
295	Redacted	ok	special	0	1	Redacted
296	Redacted	ok	special	0	1	Redacted
297	Redacted	ok	special	0	1	Redacted
298	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
266	0	0	1	1	1	1	1	1	1	1
267	0	0	1	1	1	1	1	1	1	1
268	0	0	1	1	1	1	1	1	1	1
269	0	0	1	1	1	1	1	1	1	1
270	0	0	1	1	1	1	1	1	1	1
271	0	0	1	1	1	1	1	1	1	1
272	0	0	1	1	1	1	1	1	1	1
273	0	0	1	1	1	1	1	1	1	1
274	0	0	1	1	1	1	1	1	1	1
275	0	0	1	1	1	1	1	1	1	1
276	0	0	1	1	1	1	1	1	1	1
277	0	0	1	1	1	1	1	1	1	1
278	0	0	1	1	1	1	1	1	1	1
279	0	0	1	1	1	1	1	1	1	1
280	0	0	1	1	1	1	1	1	1	1
281	0	0	1	1	1	1	1	1	1	1
282	0	0	1	1	1	1	1	1	1	1
283	0	0	1	1	1	1	1	1	1	1
284	0	0	1	1	1	1	1	1	1	1
285	0	0	1	1	1	1	1	1	1	1
286	0	0	1	1	1	1	1	1	1	1
287	0	0	1	1	1	1	1	1	1	1
288	0	0	1	1	1	1	1	1	1	1
289	0	0	1	1	1	1	1	1	1	1
290	0	0	1	1	1	1	1	1	1	1
291	0	0	1	1	1	1	1	1	1	1
292	0	0	1	1	1	1	1	1	1	1
293	0	0	1	1	1	1	1	1	1	1
294	0	0	1	1	1	1	1	1	1	1
295	0	0	1	1	1	1	1	1	1	1
296	0	0	1	1	1	1	1	1	1	1
297	0	0	1	1	1	1	1	1	1	1
298	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
299	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
300	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
301	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
302	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
303	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
304	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
305	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
306	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
307	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
308	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
309	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
310	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
311	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
312	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
313	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
314	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
315	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
316	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
317	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
318	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
319	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
320	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
321	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
322	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
323	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
324	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
325	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
326	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
327	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
328	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
329	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
330	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
331	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
299	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
300	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
301	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
302	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
303	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
304	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
305	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
306	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
307	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
308	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
309	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
310	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
311	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
312	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
313	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
314	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
315	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
316	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
317	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
318	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
319	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
320	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
321	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
322	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
323	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
324	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
325	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
326	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
327	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
328	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
329	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
330	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
331	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
299	Redacted	ok	special	0	1	Redacted
300	Redacted	ok	special	0	1	Redacted
301	Redacted	ok	special	0	1	Redacted
302	Redacted	ok	special	0	1	Redacted
303	Redacted	ok	special	0	1	Redacted
304	Redacted	ok	special	0	1	Redacted
305	Redacted	ok	special	0	1	Redacted
306	Redacted	ok	special	0	1	Redacted
307	Redacted	ok	special	0	1	Redacted
308	Redacted	ok	special	0	1	Redacted
309	Redacted	ok	special	0	1	Redacted
310	Redacted	ok	special	0	1	Redacted
311	Redacted	ok	special	0	1	Redacted
312	Redacted	ok	special	0	1	Redacted
313	Redacted	ok	special	0	1	Redacted
314	Redacted	ok	special	0	1	Redacted
315	Redacted	ok	special	0	1	Redacted
316	Redacted	ok	special	0	1	Redacted
317	Redacted	ok	special	0	1	Redacted
318	Redacted	ok	special	0	1	Redacted
319	Redacted	ok	special	0	1	Redacted
320	Redacted	ok	special	0	1	Redacted
321	Redacted	ok	special	0	1	Redacted
322	Redacted	ok	special	0	1	Redacted
323	Redacted	ok	special	0	1	Redacted
324	Redacted	ok	special	0	1	Redacted
325	Redacted	ok	special	0	1	Redacted
326	Redacted	ok	special	0	1	Redacted
327	Redacted	ok	special	0	1	Redacted
328	Redacted	ok	physical	0	1	Redacted
329	Redacted	ok	physical	0	1	Redacted
330	Redacted	ok	physical	0	1	Redacted
331	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
299	0	0	1	1	1	1	1	1	1	1
300	0	0	1	1	1	1	1	1	1	1
301	0	0	1	1	1	1	1	1	1	1
302	0	0	1	1	1	1	1	1	1	1
303	0	0	1	1	1	1	1	1	1	1
304	0	0	1	1	1	1	1	1	1	1
305	0	0	1	1	1	1	1	1	1	1
306	0	0	1	1	1	1	1	1	1	1
307	0	0	1	1	1	1	1	1	1	1
308	0	0	1	1	1	1	1	1	1	1
309	0	0	1	1	1	1	1	1	1	1
310	0	0	1	1	1	1	1	1	1	1
311	0	0	1	1	1	1	1	1	1	1
312	0	0	1	1	1	1	1	1	1	1
313	0	0	1	1	1	1	1	1	1	1
314	0	0	1	1	1	1	1	1	1	1
315	0	0	1	1	1	1	1	1	1	1
316	0	0	1	1	1	1	1	1	1	1
317	0	0	1	1	1	1	1	1	1	1
318	0	0	1	1	1	1	1	1	1	1
319	0	0	1	1	1	1	1	1	1	1
320	0	0	1	1	1	1	1	1	1	1
321	0	0	1	1	1	1	1	1	1	1
322	0	0	1	1	1	1	1	1	1	1
323	0	0	1	1	1	1	1	1	1	1
324	0	0	1	1	1	1	1	1	1	1
325	0	0	1	1	1	1	1	1	1	1
326	0	0	1	1	1	1	1	1	1	1
327	0	0	1	1	1	1	1	1	1	1
328	1	10	1	1	1	1	1	1	1	1
329	0	0	1	1	1	1	1	1	1	1
330	0	0	1	1	1	1	1	1	1	1
331	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
332	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
333	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
334	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
335	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
336	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
337	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
338	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
339	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
340	SVCEA	New_Hybrid	184BE024	2021	6	1	Redacted		development	4
341	SVCEA	New_Hybrid	184BE024	2021	7	32	Redacted		development	4
342	SVCEA	New_Hybrid	184BE024	2021	8	30	Redacted		development	4
343	SVCEA	New_Hybrid	184BE024	2021	9	26	Redacted		development	4
344	SVCEA	New_Hybrid	184BE024	2021	10	21	Redacted		development	4
345	SVCEA	New_Hybrid	184BE024	2021	11	14	Redacted		development	4
346	SVCEA	New_Hybrid	184BE024	2021	12	10	Redacted		development	4
347	SVCEA	New_Hybrid	184BE024	2022	1	10	Redacted		development	4
348	SVCEA	New_Hybrid	184BE024	2022	2	15	Redacted		development	4
349	SVCEA	New_Hybrid	184BE024	2022	3	22	Redacted		development	4
350	SVCEA	New_Hybrid	184BE024	2022	4	26	Redacted		development	4
351	SVCEA	New_Hybrid	184BE024	2022	5	31	Redacted		development	4
352	SVCEA	New_Hybrid	184BE024	2022	6	32	Redacted		development	4
353	SVCEA	New_Hybrid	184BE024	2022	7	31	Redacted		development	4
354	SVCEA	New_Hybrid	184BE024	2022	8	30	Redacted		development	4
355	SVCEA	New_Hybrid	184BE024	2022	9	26	Redacted		development	4
356	SVCEA	New_Hybrid	184BE024	2022	10	21	Redacted		development	4
357	SVCEA	New_Hybrid	184BE024	2022	11	14	Redacted		development	4
358	SVCEA	New_Hybrid	184BE024	2022	12	10	Redacted		development	4
359	SVCEA	New_Hybrid	184BE024	2023	1	10	Redacted		development	4
360	SVCEA	New_Hybrid	184BE024	2023	2	14	Redacted		development	4
361	SVCEA	New_Hybrid	184BE024	2023	3	22	Redacted		development	4
362	SVCEA	New_Hybrid	184BE024	2023	4	26	Redacted		development	4
363	SVCEA	New_Hybrid	184BE024	2023	5	31	Redacted		development	4
364	SVCEA	New_Hybrid	184BE024	2023	6	32	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
332	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
333	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
334	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
335	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
336	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
337	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
338	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
339	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
340	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_6	0%	1	#N/A
341	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_7	0%	1	#N/A
342	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_8	0%	1	#N/A
343	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_9	0%	1	#N/A
344	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_10	0%	1	#N/A
345	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_11	0%	1	#N/A
346	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_12	0%	1	#N/A
347	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_1	0%	1	#N/A
348	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_2	0%	1	#N/A
349	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_3	0%	1	#N/A
350	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_4	0%	1	#N/A
351	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_5	0%	1	#N/A
352	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_6	0%	1	#N/A
353	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_7	0%	1	#N/A
354	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_8	0%	1	#N/A
355	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_9	0%	1	#N/A
356	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_10	0%	1	#N/A
357	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_11	0%	1	#N/A
358	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_12	0%	1	#N/A
359	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_1	0%	1	#N/A
360	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_2	0%	1	#N/A
361	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_3	0%	1	#N/A
362	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_4	0%	1	#N/A
363	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_5	0%	1	#N/A
364	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
332	Redacted	ok	physical	0	1	Redacted
333	Redacted	ok	physical	0	1	Redacted
334	Redacted	ok	physical	0	1	Redacted
335	Redacted	ok	physical	0	1	Redacted
336	Redacted	ok	physical	0	1	Redacted
337	Redacted	ok	physical	0	1	Redacted
338	Redacted	ok	physical	0	1	Redacted
339	Redacted	ok	physical	0	1	Redacted
340	Redacted	ok	new_resolve	1	0	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
341	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
342	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
343	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
344	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
345	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
346	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
347	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
348	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
349	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
350	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
351	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
352	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
353	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
354	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
355	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
356	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
357	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
358	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
359	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
360	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
361	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
362	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
363	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
364	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
332	0	0	1	1	1	1	1	1	1	1
333	0	0	1	1	1	1	1	1	1	1
334	0	0	1	1	1	1	1	1	1	1
335	0	0	1	1	1	1	1	1	1	1
336	0	0	1	1	1	1	1	1	1	1
337	0	0	1	1	1	1	1	1	1	1
338	0	0	1	1	1	1	1	1	1	1
339	0	0	1	1	1	1	1	1	1	1
340	1	11	1	1	1	1	1	1	1	1
341	0	0	1	1	1	1	1	1	1	1
342	0	0	1	1	1	1	1	1	1	1
343	0	0	1	1	1	1	1	1	1	1
344	0	0	1	1	1	1	1	1	1	1
345	0	0	1	1	1	1	1	1	1	1
346	0	0	1	1	1	1	1	1	1	1
347	0	0	1	1	1	1	1	1	1	1
348	0	0	1	1	1	1	1	1	1	1
349	0	0	1	1	1	1	1	1	1	1
350	0	0	1	1	1	1	1	1	1	1
351	0	0	1	1	1	1	1	1	1	1
352	0	0	1	1	1	1	1	1	1	1
353	0	0	1	1	1	1	1	1	1	1
354	0	0	1	1	1	1	1	1	1	1
355	0	0	1	1	1	1	1	1	1	1
356	0	0	1	1	1	1	1	1	1	1
357	0	0	1	1	1	1	1	1	1	1
358	0	0	1	1	1	1	1	1	1	1
359	0	0	1	1	1	1	1	1	1	1
360	0	0	1	1	1	1	1	1	1	1
361	0	0	1	1	1	1	1	1	1	1
362	0	0	1	1	1	1	1	1	1	1
363	0	0	1	1	1	1	1	1	1	1
364	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
365	SVCEA	New_Hybrid	184BE024	2023	7	31	Redacted		development	4
366	SVCEA	New_Hybrid	184BE024	2023	8	30	Redacted		development	4
367	SVCEA	New_Hybrid	184BE024	2023	9	26	Redacted		development	4
368	SVCEA	New_Hybrid	184BE024	2023	10	21	Redacted		development	4
369	SVCEA	New_Hybrid	184BE024	2023	11	14	Redacted		development	4
370	SVCEA	New_Hybrid	184BE024	2023	12	10	Redacted		development	4
371	SVCEA	New_Hybrid	184BE024	2024	1	10	Redacted		development	4
372	SVCEA	New_Hybrid	184BE024	2024	2	15	Redacted		development	4
373	SVCEA	New_Hybrid	184BE024	2024	3	22	Redacted		development	4
374	SVCEA	New_Hybrid	184BE024	2024	4	26	Redacted		development	4
375	SVCEA	New_Hybrid	184BE024	2024	5	30	Redacted		development	4
376	SVCEA	New_Hybrid	184BE024	2024	6	32	Redacted		development	4
377	SVCEA	New_Hybrid	184BE024	2024	7	31	Redacted		development	4
378	SVCEA	New_Hybrid	184BE024	2024	8	29	Redacted		development	4
379	SVCEA	New_Hybrid	184BE024	2024	9	26	Redacted		development	4
380	SVCEA	New_Hybrid	184BE024	2024	10	21	Redacted		development	4
381	SVCEA	New_Hybrid	184BE024	2024	11	14	Redacted		development	4
382	SVCEA	New_Hybrid	184BE024	2024	12	10	Redacted		development	4
383	SVCEA	New_Hybrid	184BE024	2025	1	10	Redacted		development	4
384	SVCEA	New_Hybrid	184BE024	2025	2	14	Redacted		development	4
385	SVCEA	New_Hybrid	184BE024	2025	3	22	Redacted		development	4
386	SVCEA	New_Hybrid	184BE024	2025	4	26	Redacted		development	4
387	SVCEA	New_Hybrid	184BE024	2025	5	30	Redacted		development	4
388	SVCEA	New_Hybrid	184BE024	2025	6	32	Redacted		development	4
389	SVCEA	New_Hybrid	184BE024	2025	7	31	Redacted		development	4
390	SVCEA	New_Hybrid	184BE024	2025	8	29	Redacted		development	4
391	SVCEA	New_Hybrid	184BE024	2025	9	25	Redacted		development	4
392	SVCEA	New_Hybrid	184BE024	2025	10	21	Redacted		development	4
393	SVCEA	New_Hybrid	184BE024	2025	11	14	Redacted		development	4
394	SVCEA	New_Hybrid	184BE024	2025	12	10	Redacted		development	4
395	SVCEA	New_Hybrid	184BE025	2021	12	12	Redacted		development	4
396	SVCEA	New_Hybrid	184BE025	2022	1	13	Redacted		development	4
397	SVCEA	New_Hybrid	184BE025	2022	2	13	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
365	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1	#N/A
366	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1	#N/A
367	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1	#N/A
368	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1	#N/A
369	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1	#N/A
370	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1	#N/A
371	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1	#N/A
372	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1	#N/A
373	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1	#N/A
374	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1	#N/A
375	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1	#N/A
376	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1	#N/A
377	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1	#N/A
378	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1	#N/A
379	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1	#N/A
380	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1	#N/A
381	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1	#N/A
382	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1	#N/A
383	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1	#N/A
384	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1	#N/A
385	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1	#N/A
386	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1	#N/A
387	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1	#N/A
388	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1	#N/A
389	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1	#N/A
390	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1	#N/A
391	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1	#N/A
392	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1	#N/A
393	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1	#N/A
394	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1	#N/A
395	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_12	0%	1	#N/A
396	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_1	0%	1	#N/A
397	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_2	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
365	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
366	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
367	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
368	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
369	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
370	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
371	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
372	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
373	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
374	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
375	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
376	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
377	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
378	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
379	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
380	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
381	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
382	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
383	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
384	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
385	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
386	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
387	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
388	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
389	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
390	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
391	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
392	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
393	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
394	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
395	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
396	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
397	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
365	0	0	1	1	1	1	1	1	1	1
366	0	0	1	1	1	1	1	1	1	1
367	0	0	1	1	1	1	1	1	1	1
368	0	0	1	1	1	1	1	1	1	1
369	0	0	1	1	1	1	1	1	1	1
370	0	0	1	1	1	1	1	1	1	1
371	0	0	1	1	1	1	1	1	1	1
372	0	0	1	1	1	1	1	1	1	1
373	0	0	1	1	1	1	1	1	1	1
374	0	0	1	1	1	1	1	1	1	1
375	0	0	1	1	1	1	1	1	1	1
376	0	0	1	1	1	1	1	1	1	1
377	0	0	1	1	1	1	1	1	1	1
378	0	0	1	1	1	1	1	1	1	1
379	0	0	1	1	1	1	1	1	1	1
380	0	0	1	1	1	1	1	1	1	1
381	0	0	1	1	1	1	1	1	1	1
382	0	0	1	1	1	1	1	1	1	1
383	0	0	1	1	1	1	1	1	1	1
384	0	0	1	1	1	1	1	1	1	1
385	0	0	1	1	1	1	1	1	1	1
386	0	0	1	1	1	1	1	1	1	1
387	0	0	1	1	1	1	1	1	1	1
388	0	0	1	1	1	1	1	1	1	1
389	0	0	1	1	1	1	1	1	1	1
390	0	0	1	1	1	1	1	1	1	1
391	0	0	1	1	1	1	1	1	1	1
392	0	0	1	1	1	1	1	1	1	1
393	0	0	1	1	1	1	1	1	1	1
394	0	0	1	1	1	1	1	1	1	1
395	1	12	1	1	1	1	1	1	1	1
396	0	0	1	1	1	1	1	1	1	1
397	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
398	SVCEA	New_Hybrid	184BE025	2022	3	20	Redacted		development	4
399	SVCEA	New_Hybrid	184BE025	2022	4	22	Redacted		development	4
400	SVCEA	New_Hybrid	184BE025	2022	5	25	Redacted		development	4
401	SVCEA	New_Hybrid	184BE025	2022	6	25	Redacted		development	4
402	SVCEA	New_Hybrid	184BE025	2022	7	25	Redacted		development	4
403	SVCEA	New_Hybrid	184BE025	2022	8	24	Redacted		development	4
404	SVCEA	New_Hybrid	184BE025	2022	9	21	Redacted		development	4
405	SVCEA	New_Hybrid	184BE025	2022	10	18	Redacted		development	4
406	SVCEA	New_Hybrid	184BE025	2022	11	13	Redacted		development	4
407	SVCEA	New_Hybrid	184BE025	2022	12	12	Redacted		development	4
408	SVCEA	New_Hybrid	184BE025	2023	1	13	Redacted		development	4
409	SVCEA	New_Hybrid	184BE025	2023	2	13	Redacted		development	4
410	SVCEA	New_Hybrid	184BE025	2023	3	20	Redacted		development	4
411	SVCEA	New_Hybrid	184BE025	2023	4	22	Redacted		development	4
412	SVCEA	New_Hybrid	184BE025	2023	5	25	Redacted		development	4
413	SVCEA	New_Hybrid	184BE025	2023	6	25	Redacted		development	4
414	SVCEA	New_Hybrid	184BE025	2023	7	25	Redacted		development	4
415	SVCEA	New_Hybrid	184BE025	2023	8	24	Redacted		development	4
416	SVCEA	New_Hybrid	184BE025	2023	9	21	Redacted		development	4
417	SVCEA	New_Hybrid	184BE025	2023	10	18	Redacted		development	4
418	SVCEA	New_Hybrid	184BE025	2023	11	13	Redacted		development	4
419	SVCEA	New_Hybrid	184BE025	2023	12	12	Redacted		development	4
420	SVCEA	New_Hybrid	184BE025	2024	1	13	Redacted		development	4
421	SVCEA	New_Hybrid	184BE025	2024	2	14	Redacted		development	4
422	SVCEA	New_Hybrid	184BE025	2024	3	20	Redacted		development	4
423	SVCEA	New_Hybrid	184BE025	2024	4	22	Redacted		development	4
424	SVCEA	New_Hybrid	184BE025	2024	5	25	Redacted		development	4
425	SVCEA	New_Hybrid	184BE025	2024	6	25	Redacted		development	4
426	SVCEA	New_Hybrid	184BE025	2024	7	25	Redacted		development	4
427	SVCEA	New_Hybrid	184BE025	2024	8	24	Redacted		development	4
428	SVCEA	New_Hybrid	184BE025	2024	9	21	Redacted		development	4
429	SVCEA	New_Hybrid	184BE025	2024	10	18	Redacted		development	4
430	SVCEA	New_Hybrid	184BE025	2024	11	13	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
398	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_3	0%	1	#N/A
399	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_4	0%	1	#N/A
400	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_5	0%	1	#N/A
401	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_6	0%	1	#N/A
402	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_7	0%	1	#N/A
403	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_8	0%	1	#N/A
404	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_9	0%	1	#N/A
405	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_10	0%	1	#N/A
406	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_11	0%	1	#N/A
407	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_12	0%	1	#N/A
408	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_1	0%	1	#N/A
409	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_2	0%	1	#N/A
410	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_3	0%	1	#N/A
411	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_4	0%	1	#N/A
412	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_5	0%	1	#N/A
413	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1	#N/A
414	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1	#N/A
415	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1	#N/A
416	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1	#N/A
417	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1	#N/A
418	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1	#N/A
419	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1	#N/A
420	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1	#N/A
421	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1	#N/A
422	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1	#N/A
423	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1	#N/A
424	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1	#N/A
425	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1	#N/A
426	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1	#N/A
427	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1	#N/A
428	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1	#N/A
429	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1	#N/A
430	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
398	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
399	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
400	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
401	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
402	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
403	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
404	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
405	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
406	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
407	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
408	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
409	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
410	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
411	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
412	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
413	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
414	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
415	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
416	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
417	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
418	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
419	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
420	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
421	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
422	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
423	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
424	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
425	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
426	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
427	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
428	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
429	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
430	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
398	0	0	1	1	1	1	1	1	1	1
399	0	0	1	1	1	1	1	1	1	1
400	0	0	1	1	1	1	1	1	1	1
401	0	0	1	1	1	1	1	1	1	1
402	0	0	1	1	1	1	1	1	1	1
403	0	0	1	1	1	1	1	1	1	1
404	0	0	1	1	1	1	1	1	1	1
405	0	0	1	1	1	1	1	1	1	1
406	0	0	1	1	1	1	1	1	1	1
407	0	0	1	1	1	1	1	1	1	1
408	0	0	1	1	1	1	1	1	1	1
409	0	0	1	1	1	1	1	1	1	1
410	0	0	1	1	1	1	1	1	1	1
411	0	0	1	1	1	1	1	1	1	1
412	0	0	1	1	1	1	1	1	1	1
413	0	0	1	1	1	1	1	1	1	1
414	0	0	1	1	1	1	1	1	1	1
415	0	0	1	1	1	1	1	1	1	1
416	0	0	1	1	1	1	1	1	1	1
417	0	0	1	1	1	1	1	1	1	1
418	0	0	1	1	1	1	1	1	1	1
419	0	0	1	1	1	1	1	1	1	1
420	0	0	1	1	1	1	1	1	1	1
421	0	0	1	1	1	1	1	1	1	1
422	0	0	1	1	1	1	1	1	1	1
423	0	0	1	1	1	1	1	1	1	1
424	0	0	1	1	1	1	1	1	1	1
425	0	0	1	1	1	1	1	1	1	1
426	0	0	1	1	1	1	1	1	1	1
427	0	0	1	1	1	1	1	1	1	1
428	0	0	1	1	1	1	1	1	1	1
429	0	0	1	1	1	1	1	1	1	1
430	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
431	SVCEA	New_Hybrid	184BE025	2024	12	12	Redacted		development	4
432	SVCEA	New_Hybrid	184BE025	2025	1	13	Redacted		development	4
433	SVCEA	New_Hybrid	184BE025	2025	2	13	Redacted		development	4
434	SVCEA	New_Hybrid	184BE025	2025	3	20	Redacted		development	4
435	SVCEA	New_Hybrid	184BE025	2025	4	22	Redacted		development	4
436	SVCEA	New_Hybrid	184BE025	2025	5	25	Redacted		development	4
437	SVCEA	New_Hybrid	184BE025	2025	6	25	Redacted		development	4
438	SVCEA	New_Hybrid	184BE025	2025	7	25	Redacted		development	4
439	SVCEA	New_Hybrid	184BE025	2025	8	24	Redacted		development	4
440	SVCEA	New_Hybrid	184BE025	2025	9	21	Redacted		development	4
441	SVCEA	New_Hybrid	184BE025	2025	10	18	Redacted		development	4
442	SVCEA	New_Hybrid	184BE025	2025	11	13	Redacted		development	4
443	SVCEA	New_Hybrid	184BE025	2025	12	12	Redacted		development	4
444	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
445	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
446	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
447	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
448	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
449	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
450	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
451	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
452	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
453	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
454	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
455	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
456	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
457	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
458	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
459	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
460	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
461	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
462	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
463	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
431	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1	#N/A
432	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1	#N/A
433	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1	#N/A
434	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1	#N/A
435	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1	#N/A
436	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1	#N/A
437	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1	#N/A
438	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1	#N/A
439	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1	#N/A
440	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1	#N/A
441	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1	#N/A
442	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1	#N/A
443	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1	#N/A
444	Redacted	Redacted	Redacted	1	Redacted	Redacted	81%	1	#N/A
445	Redacted	Redacted	Redacted	1	Redacted	Redacted	79%	1	#N/A
446	Redacted	Redacted	Redacted	1	Redacted	Redacted	79%	1	#N/A
447	Redacted	Redacted	Redacted	1	Redacted	Redacted	85%	1	#N/A
448	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
449	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
450	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
451	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
452	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
453	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
454	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
455	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
456	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
457	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
458	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
459	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
460	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
461	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
462	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
463	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
431	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
432	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
433	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
434	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
435	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
436	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
437	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
438	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
439	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
440	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
441	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
442	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
443	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
444	Redacted	ok	physical	0	1	Redacted
445	Redacted	ok	physical	0	1	Redacted
446	Redacted	ok	physical	0	1	Redacted
447	Redacted	ok	physical	0	1	Redacted
448	Redacted	ok	physical	0	1	Redacted
449	Redacted	ok	physical	0	1	Redacted
450	Redacted	ok	physical	0	1	Redacted
451	Redacted	ok	physical	0	1	Redacted
452	Redacted	ok	physical	0	1	Redacted
453	Redacted	ok	physical	0	1	Redacted
454	Redacted	ok	physical	0	1	Redacted
455	Redacted	ok	physical	0	1	Redacted
456	Redacted	ok	physical	0	1	Redacted
457	Redacted	ok	physical	0	1	Redacted
458	Redacted	ok	physical	0	1	Redacted
459	Redacted	ok	physical	0	1	Redacted
460	Redacted	ok	physical	0	1	Redacted
461	Redacted	ok	physical	0	1	Redacted
462	Redacted	ok	physical	0	1	Redacted
463	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
431	0	0	1	1	1	1	1	1	1	1
432	0	0	1	1	1	1	1	1	1	1
433	0	0	1	1	1	1	1	1	1	1
434	0	0	1	1	1	1	1	1	1	1
435	0	0	1	1	1	1	1	1	1	1
436	0	0	1	1	1	1	1	1	1	1
437	0	0	1	1	1	1	1	1	1	1
438	0	0	1	1	1	1	1	1	1	1
439	0	0	1	1	1	1	1	1	1	1
440	0	0	1	1	1	1	1	1	1	1
441	0	0	1	1	1	1	1	1	1	1
442	0	0	1	1	1	1	1	1	1	1
443	0	0	1	1	1	1	1	1	1	1
444	1	13	1	1	1	1	1	1	1	1
445	0	0	1	1	1	1	1	1	1	1
446	0	0	1	1	1	1	1	1	1	1
447	0	0	1	1	1	1	1	1	1	1
448	0	0	1	1	1	1	1	1	1	1
449	0	0	1	1	1	1	1	1	1	1
450	1	14	1	1	1	1	1	1	1	1
451	0	0	1	1	1	1	1	1	1	1
452	0	0	1	1	1	1	1	1	1	1
453	0	0	1	1	1	1	1	1	1	1
454	0	0	1	1	1	1	1	1	1	1
455	0	0	1	1	1	1	1	1	1	1
456	0	0	1	1	1	1	1	1	1	1
457	0	0	1	1	1	1	1	1	1	1
458	0	0	1	1	1	1	1	1	1	1
459	0	0	1	1	1	1	1	1	1	1
460	0	0	1	1	1	1	1	1	1	1
461	0	0	1	1	1	1	1	1	1	1
462	0	0	1	1	1	1	1	1	1	1
463	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
464	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
465	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
466	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
467	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
468	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
469	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
470	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
471	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
472	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
473	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
474	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
475	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
476	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
477	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
478	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
479	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
480	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
481	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
482	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
483	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
484	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
485	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
486	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
487	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
488	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
489	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
490	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
491	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
492	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
493	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
494	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
495	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
496	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
464	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
465	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
466	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
467	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
468	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
469	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
470	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
471	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
472	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
473	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
474	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
475	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
476	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
477	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
478	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
479	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
480	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
481	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
482	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
483	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
484	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
485	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
486	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
487	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
488	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
489	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
490	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
491	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
492	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
493	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
494	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
495	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
496	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
464	Redacted	ok	physical	0	1	Redacted
465	Redacted	ok	physical	0	1	Redacted
466	Redacted	ok	physical	0	1	Redacted
467	Redacted	ok	physical	0	1	Redacted
468	Redacted	ok	physical	0	1	Redacted
469	Redacted	ok	physical	0	1	Redacted
470	Redacted	ok	physical	0	1	Redacted
471	Redacted	ok	physical	0	1	Redacted
472	Redacted	ok	physical	0	1	Redacted
473	Redacted	ok	physical	0	1	Redacted
474	Redacted	ok	physical	0	1	Redacted
475	Redacted	ok	physical	0	1	Redacted
476	Redacted	ok	physical	0	1	Redacted
477	Redacted	ok	physical	0	1	Redacted
478	Redacted	ok	physical	0	1	Redacted
479	Redacted	ok	physical	0	1	Redacted
480	Redacted	ok	physical	0	1	Redacted
481	Redacted	ok	physical	0	1	Redacted
482	Redacted	ok	physical	0	1	Redacted
483	Redacted	ok	physical	0	1	Redacted
484	Redacted	ok	physical	0	1	Redacted
485	Redacted	ok	physical	0	1	Redacted
486	Redacted	ok	special	0	1	Redacted
487	Redacted	ok	special	0	1	Redacted
488	Redacted	ok	special	0	1	Redacted
489	Redacted	ok	special	0	1	Redacted
490	Redacted	ok	special	0	1	Redacted
491	Redacted	ok	special	0	1	Redacted
492	Redacted	ok	special	0	1	Redacted
493	Redacted	ok	special	0	1	Redacted
494	Redacted	ok	special	0	1	Redacted
495	Redacted	ok	special	0	1	Redacted
496	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
464	0	0	1	1	1	1	1	1	1	1
465	0	0	1	1	1	1	1	1	1	1
466	0	0	1	1	1	1	1	1	1	1
467	0	0	1	1	1	1	1	1	1	1
468	0	0	1	1	1	1	1	1	1	1
469	0	0	1	1	1	1	1	1	1	1
470	0	0	1	1	1	1	1	1	1	1
471	0	0	1	1	1	1	1	1	1	1
472	0	0	1	1	1	1	1	1	1	1
473	0	0	1	1	1	1	1	1	1	1
474	0	0	1	1	1	1	1	1	1	1
475	0	0	1	1	1	1	1	1	1	1
476	0	0	1	1	1	1	1	1	1	1
477	0	0	1	1	1	1	1	1	1	1
478	0	0	1	1	1	1	1	1	1	1
479	0	0	1	1	1	1	1	1	1	1
480	0	0	1	1	1	1	1	1	1	1
481	0	0	1	1	1	1	1	1	1	1
482	0	0	1	1	1	1	1	1	1	1
483	0	0	1	1	1	1	1	1	1	1
484	0	0	1	1	1	1	1	1	1	1
485	0	0	1	1	1	1	1	1	1	1
486	1	15	1	1	1	1	1	1	1	1
487	0	0	1	1	1	1	1	1	1	1
488	0	0	1	1	1	1	1	1	1	1
489	0	0	1	1	1	1	1	1	1	1
490	0	0	1	1	1	1	1	1	1	1
491	0	0	1	1	1	1	1	1	1	1
492	0	0	1	1	1	1	1	1	1	1
493	0	0	1	1	1	1	1	1	1	1
494	0	0	1	1	1	1	1	1	1	1
495	0	0	1	1	1	1	1	1	1	1
496	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
497	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
498	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
499	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
500	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
501	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
502	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
503	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
504	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
505	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
506	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
507	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
508	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
509	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
510	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
511	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
512	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
513	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
514	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
515	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
516	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
517	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
518	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
519	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
520	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
521	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
522	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
523	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
524	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
525	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
526	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
527	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
528	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
529	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
497	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
498	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
499	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
500	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
501	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
502	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
503	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
504	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
505	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
506	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
507	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
508	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
509	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
510	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
511	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
512	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
513	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
514	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
515	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
516	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
517	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
518	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
519	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
520	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
521	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
522	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
523	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
524	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
525	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
526	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
527	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
528	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
529	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
497	Redacted	ok	special	0	1	Redacted
498	Redacted	ok	physical	0	1	Redacted
499	Redacted	ok	physical	0	1	Redacted
500	Redacted	ok	physical	0	1	Redacted
501	Redacted	ok	physical	0	1	Redacted
502	Redacted	ok	physical	0	1	Redacted
503	Redacted	ok	physical	0	1	Redacted
504	Redacted	ok	physical	0	1	Redacted
505	Redacted	ok	physical	0	1	Redacted
506	Redacted	ok	physical	0	1	Redacted
507	Redacted	ok	physical	0	1	Redacted
508	Redacted	ok	physical	0	1	Redacted
509	Redacted	ok	physical	0	1	Redacted
510	Redacted	ok	physical	0	1	Redacted
511	Redacted	ok	physical	0	1	Redacted
512	Redacted	ok	physical	0	1	Redacted
513	Redacted	ok	physical	0	1	Redacted
514	Redacted	ok	physical	0	1	Redacted
515	Redacted	ok	physical	0	1	Redacted
516	Redacted	ok	physical	0	1	Redacted
517	Redacted	ok	physical	0	1	Redacted
518	Redacted	ok	physical	0	1	Redacted
519	Redacted	ok	physical	0	1	Redacted
520	Redacted	ok	physical	0	1	Redacted
521	Redacted	ok	physical	0	1	Redacted
522	Redacted	ok	physical	0	1	Redacted
523	Redacted	ok	physical	0	1	Redacted
524	Redacted	ok	physical	0	1	Redacted
525	Redacted	ok	physical	0	1	Redacted
526	Redacted	ok	physical	0	1	Redacted
527	Redacted	ok	physical	0	1	Redacted
528	Redacted	ok	physical	0	1	Redacted
529	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
497	0	0	1	1	1	1	1	1	1	1
498	1	16	1	1	1	1	1	1	1	1
499	0	0	1	1	1	1	1	1	1	1
500	0	0	1	1	1	1	1	1	1	1
501	0	0	1	1	1	1	1	1	1	1
502	0	0	1	1	1	1	1	1	1	1
503	0	0	1	1	1	1	1	1	1	1
504	0	0	1	1	1	1	1	1	1	1
505	0	0	1	1	1	1	1	1	1	1
506	0	0	1	1	1	1	1	1	1	1
507	0	0	1	1	1	1	1	1	1	1
508	0	0	1	1	1	1	1	1	1	1
509	0	0	1	1	1	1	1	1	1	1
510	0	0	1	1	1	1	1	1	1	1
511	0	0	1	1	1	1	1	1	1	1
512	0	0	1	1	1	1	1	1	1	1
513	0	0	1	1	1	1	1	1	1	1
514	0	0	1	1	1	1	1	1	1	1
515	0	0	1	1	1	1	1	1	1	1
516	0	0	1	1	1	1	1	1	1	1
517	0	0	1	1	1	1	1	1	1	1
518	0	0	1	1	1	1	1	1	1	1
519	0	0	1	1	1	1	1	1	1	1
520	0	0	1	1	1	1	1	1	1	1
521	0	0	1	1	1	1	1	1	1	1
522	0	0	1	1	1	1	1	1	1	1
523	0	0	1	1	1	1	1	1	1	1
524	0	0	1	1	1	1	1	1	1	1
525	0	0	1	1	1	1	1	1	1	1
526	0	0	1	1	1	1	1	1	1	1
527	0	0	1	1	1	1	1	1	1	1
528	0	0	1	1	1	1	1	1	1	1
529	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
530	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
531	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
532	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
533	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
534	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
535	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
536	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
537	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
538	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
539	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
540	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
541	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
542	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
543	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
544	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
545	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
546	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
547	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
548	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
549	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
550	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
551	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
552	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
553	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
554	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
555	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
556	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
557	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
558	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
559	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
560	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
561	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
562	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
530	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
531	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
532	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
533	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
534	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
535	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
536	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
537	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
538	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
539	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
540	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
541	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
542	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
543	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
544	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
545	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
546	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
547	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
548	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
549	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
550	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
551	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
552	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
553	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
554	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
555	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
556	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
557	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
558	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
559	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
560	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
561	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
562	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
530	Redacted	ok	physical	0	1	Redacted
531	Redacted	ok	physical	0	1	Redacted
532	Redacted	ok	physical	0	1	Redacted
533	Redacted	ok	physical	0	1	Redacted
534	Redacted	ok	physical	0	1	Redacted
535	Redacted	ok	special	0	1	Redacted
536	Redacted	ok	special	0	1	Redacted
537	Redacted	ok	special	0	1	Redacted
538	Redacted	ok	special	0	1	Redacted
539	Redacted	ok	special	0	1	Redacted
540	Redacted	ok	special	0	1	Redacted
541	Redacted	ok	special	0	1	Redacted
542	Redacted	ok	special	0	1	Redacted
543	Redacted	ok	special	0	1	Redacted
544	Redacted	ok	special	0	1	Redacted
545	Redacted	ok	special	0	1	Redacted
546	Redacted	ok	special	0	1	Redacted
547	Redacted	ok	special	0	1	Redacted
548	Redacted	ok	special	0	1	Redacted
549	Redacted	ok	special	0	1	Redacted
550	Redacted	ok	special	0	1	Redacted
551	Redacted	ok	special	0	1	Redacted
552	Redacted	ok	special	0	1	Redacted
553	Redacted	ok	special	0	1	Redacted
554	Redacted	ok	special	0	1	Redacted
555	Redacted	ok	special	0	1	Redacted
556	Redacted	ok	special	0	1	Redacted
557	Redacted	ok	special	0	1	Redacted
558	Redacted	ok	special	0	1	Redacted
559	Redacted	ok	special	0	1	Redacted
560	Redacted	ok	special	0	1	Redacted
561	Redacted	ok	special	0	1	Redacted
562	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
530	0	0	1	1	1	1	1	1	1	1
531	0	0	1	1	1	1	1	1	1	1
532	0	0	1	1	1	1	1	1	1	1
533	0	0	1	1	1	1	1	1	1	1
534	1	17	1	1	1	1	1	1	1	1
535	1	18	1	1	1	1	1	1	1	1
536	0	0	1	1	1	1	1	1	1	1
537	0	0	1	1	1	1	1	1	1	1
538	0	0	1	1	1	1	1	1	1	1
539	0	0	1	1	1	1	1	1	1	1
540	0	0	1	1	1	1	1	1	1	1
541	0	0	1	1	1	1	1	1	1	1
542	0	0	1	1	1	1	1	1	1	1
543	0	0	1	1	1	1	1	1	1	1
544	0	0	1	1	1	1	1	1	1	1
545	0	0	1	1	1	1	1	1	1	1
546	0	0	1	1	1	1	1	1	1	1
547	0	0	1	1	1	1	1	1	1	1
548	0	0	1	1	1	1	1	1	1	1
549	0	0	1	1	1	1	1	1	1	1
550	0	0	1	1	1	1	1	1	1	1
551	0	0	1	1	1	1	1	1	1	1
552	0	0	1	1	1	1	1	1	1	1
553	0	0	1	1	1	1	1	1	1	1
554	0	0	1	1	1	1	1	1	1	1
555	0	0	1	1	1	1	1	1	1	1
556	0	0	1	1	1	1	1	1	1	1
557	0	0	1	1	1	1	1	1	1	1
558	0	0	1	1	1	1	1	1	1	1
559	0	0	1	1	1	1	1	1	1	1
560	0	0	1	1	1	1	1	1	1	1
561	0	0	1	1	1	1	1	1	1	1
562	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
563	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
564	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
565	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
566	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
567	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
568	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
569	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
570	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
571	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
572	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
573	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
574	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
575	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
576	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
577	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
578	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
579	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
580	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
581	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
582	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
583	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
584	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
585	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
586	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
587	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
588	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
589	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
590	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
591	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
592	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
593	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
594	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
595	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
563	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
564	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
565	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
566	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
567	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
568	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
569	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
570	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
571	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
572	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
573	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
574	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
575	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
576	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
577	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
578	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
579	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
580	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
581	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
582	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
583	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
584	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
585	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
586	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
587	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
588	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
589	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
590	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
591	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
592	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
593	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
594	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
595	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
563	Redacted	ok	special	0	1	Redacted
564	Redacted	ok	special	0	1	Redacted
565	Redacted	ok	special	0	1	Redacted
566	Redacted	ok	special	0	1	Redacted
567	Redacted	ok	special	0	1	Redacted
568	Redacted	ok	special	0	1	Redacted
569	Redacted	ok	special	0	1	Redacted
570	Redacted	ok	special	0	1	Redacted
571	Redacted	ok	special	0	1	Redacted
572	Redacted	ok	special	0	1	Redacted
573	Redacted	ok	special	0	1	Redacted
574	Redacted	ok	special	0	1	Redacted
575	Redacted	ok	special	0	1	Redacted
576	Redacted	ok	special	0	1	Redacted
577	Redacted	ok	special	0	1	Redacted
578	Redacted	ok	special	0	1	Redacted
579	Redacted	ok	special	0	1	Redacted
580	Redacted	ok	special	0	1	Redacted
581	Redacted	ok	special	0	1	Redacted
582	Redacted	ok	special	0	1	Redacted
583	Redacted	ok	special	0	1	Redacted
584	Redacted	ok	special	0	1	Redacted
585	Redacted	ok	special	0	1	Redacted
586	Redacted	ok	special	0	1	Redacted
587	Redacted	ok	special	0	1	Redacted
588	Redacted	ok	special	0	1	Redacted
589	Redacted	ok	special	0	1	Redacted
590	Redacted	ok	special	0	1	Redacted
591	Redacted	ok	special	0	1	Redacted
592	Redacted	ok	existing_generic	0	1	Redacted
593	Redacted	ok	existing_generic	0	1	Redacted
594	Redacted	ok	existing_generic	0	1	Redacted
595	Redacted	ok	existing_generic	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
563	0	0	1	1	1	1	1	1	1	1
564	0	0	1	1	1	1	1	1	1	1
565	0	0	1	1	1	1	1	1	1	1
566	0	0	1	1	1	1	1	1	1	1
567	0	0	1	1	1	1	1	1	1	1
568	0	0	1	1	1	1	1	1	1	1
569	0	0	1	1	1	1	1	1	1	1
570	0	0	1	1	1	1	1	1	1	1
571	0	0	1	1	1	1	1	1	1	1
572	0	0	1	1	1	1	1	1	1	1
573	0	0	1	1	1	1	1	1	1	1
574	0	0	1	1	1	1	1	1	1	1
575	0	0	1	1	1	1	1	1	1	1
576	0	0	1	1	1	1	1	1	1	1
577	0	0	1	1	1	1	1	1	1	1
578	0	0	1	1	1	1	1	1	1	1
579	0	0	1	1	1	1	1	1	1	1
580	0	0	1	1	1	1	1	1	1	1
581	0	0	1	1	1	1	1	1	1	1
582	0	0	1	1	1	1	1	1	1	1
583	0	0	1	1	1	1	1	1	1	1
584	0	0	1	1	1	1	1	1	1	1
585	0	0	1	1	1	1	1	1	1	1
586	0	0	1	1	1	1	1	1	1	1
587	0	0	1	1	1	1	1	1	1	1
588	0	0	1	1	1	1	1	1	1	1
589	0	0	1	1	1	1	1	1	1	1
590	0	0	1	1	1	1	1	1	1	1
591	0	0	1	1	1	1	1	1	1	1
592	1	19	1	1	1	1	1	1	1	1
593	0	0	1	1	1	1	1	1	1	1
594	0	0	1	1	1	1	1	1	1	1
595	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
596	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
597	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
598	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
599	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
600	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
601	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
602	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
603	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
604	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
605	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
606	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
607	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
608	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
609	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
610	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
611	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
612	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
613	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
614	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
615	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
616	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
617	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
618	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
619	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
620	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
621	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
622	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
623	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
624	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
625	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
626	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
627	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
628	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
596	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
597	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
598	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
599	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
600	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
601	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
602	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
603	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
604	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
605	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
606	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
607	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
608	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
609	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
610	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
611	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
612	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
613	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
614	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
615	Redacted	Redacted	Redacted	1	Redacted	Redacted	81%	1	#N/A
616	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
617	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
618	Redacted	Redacted	Redacted	1	Redacted	Redacted	79%	1	#N/A
619	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
620	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
621	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
622	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
623	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
624	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
625	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
626	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
627	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
628	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
596	Redacted	ok	existing_generic	0	1	Redacted
597	Redacted	ok	existing_generic	0	1	Redacted
598	Redacted	ok	physical	0	1	Redacted
599	Redacted	ok	physical	0	1	Redacted
600	Redacted	ok	physical	0	1	Redacted
601	Redacted	ok	physical	0	1	Redacted
602	Redacted	ok	physical	0	1	Redacted
603	Redacted	ok	physical	0	1	Redacted
604	Redacted	ok	physical	0	1	Redacted
605	Redacted	ok	physical	0	1	Redacted
606	Redacted	ok	physical	0	1	Redacted
607	Redacted	ok	physical	0	1	Redacted
608	Redacted	ok	physical	0	1	Redacted
609	Redacted	ok	physical	0	1	Redacted
610	Redacted	ok	physical	0	1	Redacted
611	Redacted	ok	physical	0	1	Redacted
612	Redacted	ok	physical	0	1	Redacted
613	Redacted	ok	physical	0	1	Redacted
614	Redacted	ok	physical	0	1	Redacted
615	Redacted	ok	physical	0	1	Redacted
616	Redacted	ok	physical	0	1	Redacted
617	Redacted	ok	physical	0	1	Redacted
618	Redacted	ok	physical	0	1	Redacted
619	Redacted	ok	physical	0	1	Redacted
620	Redacted	ok	physical	0	1	Redacted
621	Redacted	ok	physical	0	1	Redacted
622	Redacted	ok	physical	0	1	Redacted
623	Redacted	ok	physical	0	1	Redacted
624	Redacted	ok	physical	0	1	Redacted
625	Redacted	ok	physical	0	1	Redacted
626	Redacted	ok	physical	0	1	Redacted
627	Redacted	ok	physical	0	1	Redacted
628	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
596	0	0	1	1	1	1	1	1	1	1
597	0	0	1	1	1	1	1	1	1	1
598	1	20	1	1	1	1	1	1	1	1
599	0	0	1	1	1	1	1	1	1	1
600	0	0	1	1	1	1	1	1	1	1
601	0	0	1	1	1	1	1	1	1	1
602	0	0	1	1	1	1	1	1	1	1
603	1	21	1	1	1	1	1	1	1	1
604	1	22	1	1	1	1	1	1	1	1
605	1	23	1	1	1	1	1	1	1	1
606	1	24	1	1	1	1	1	1	1	1
607	0	0	1	1	1	1	1	1	1	1
608	0	0	1	1	1	1	1	1	1	1
609	1	25	1	1	1	1	1	1	1	1
610	1	26	1	1	1	1	1	1	1	1
611	0	0	1	1	1	1	1	1	1	1
612	0	0	1	1	1	1	1	1	1	1
613	0	0	1	1	1	1	1	1	1	1
614	0	0	1	1	1	1	1	1	1	1
615	1	27	1	1	1	1	1	1	1	1
616	0	0	1	1	1	1	1	1	1	1
617	1	28	1	1	1	1	1	1	1	1
618	0	0	1	1	1	1	1	1	1	1
619	0	0	1	1	1	1	1	1	1	1
620	0	0	1	1	1	1	1	1	1	1
621	0	0	1	1	1	1	1	1	1	1
622	0	0	1	1	1	1	1	1	1	1
623	0	0	1	1	1	1	1	1	1	1
624	1	29	1	1	1	1	1	1	1	1
625	0	0	1	1	1	1	1	1	1	1
626	0	0	1	1	1	1	1	1	1	1
627	0	0	1	1	1	1	1	1	1	1
628	1	30	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
629	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
630	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
631	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
632	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
633	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
634	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
635	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
636	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
637	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
638	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
639	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
640	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
641	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
642	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
643	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
644	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
645	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
646	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
647	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
648	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
649	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
650	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
651	SVCEA	DELTA_2_PL1X4	194RA112	2020	4	0	Redacted		online	
652	SVCEA	DELTA_2_PL1X4	194RA112	2020	5	0	Redacted		online	
653	SVCEA	DELTA_2_PL1X4	194RA112	2020	6	0	Redacted		online	
654	SVCEA	DELTA_2_PL1X4	194RA112	2020	7	0	Redacted		online	
655	SVCEA	DELTA_2_PL1X4	194RA112	2020	8	0	Redacted		online	
656	SVCEA	DELTA_2_PL1X4	194RA112	2020	9	0	Redacted		online	
657	SVCEA	DELTA_2_PL1X4	194RA112	2020	10	0	Redacted		online	
658	SVCEA	DELTA_2_PL1X4	194RA112	2020	11	0	Redacted		online	
659	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
660	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
661	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
629	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
630	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
631	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
632	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
633	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
634	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
635	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
636	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
637	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
638	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
639	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
640	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
641	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
642	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
643	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
644	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
645	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
646	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
647	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
648	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
649	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
650	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
651	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_4	100%	1	#N/A
652	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	100%	1	#N/A
653	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	100%	1	#N/A
654	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_7	100%	1	#N/A
655	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1	#N/A
656	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	100%	1	#N/A
657	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	100%	1	#N/A
658	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_11	100%	1	#N/A
659	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
660	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
661	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
629	Redacted	ok	physical	0	1	Redacted
630	Redacted	ok	physical	0	1	Redacted
631	Redacted	ok	physical	0	1	Redacted
632	Redacted	ok	physical	0	1	Redacted
633	Redacted	ok	physical	0	1	Redacted
634	Redacted	ok	physical	0	1	Redacted
635	Redacted	ok	physical	0	1	Redacted
636	Redacted	ok	physical	0	1	Redacted
637	Redacted	ok	physical	0	1	Redacted
638	Redacted	ok	physical	0	1	Redacted
639	Redacted	ok	existing_generic	0	1	Redacted
640	Redacted	ok	existing_generic	0	1	Redacted
641	Redacted	ok	existing_generic	0	1	Redacted
642	Redacted	ok	existing_generic	0	1	Redacted
643	Redacted	ok	physical	0	1	Redacted
644	Redacted	ok	physical	0	1	Redacted
645	Redacted	ok	physical	0	1	Redacted
646	Redacted	ok	physical	0	1	Redacted
647	Redacted	ok	physical	0	1	Redacted
648	Redacted	ok	physical	0	1	Redacted
649	Redacted	ok	physical	0	1	Redacted
650	Redacted	ok	physical	0	1	Redacted
651	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
652	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
653	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
654	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
655	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
656	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
657	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
658	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
659	Redacted	ok	physical	0	1	Redacted
660	Redacted	ok	physical	0	1	Redacted
661	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
629	0	0	1	1	1	1	1	1	1	1
630	0	0	1	1	1	1	1	1	1	1
631	1	31	1	1	1	1	1	1	1	1
632	0	0	1	1	1	1	1	1	1	1
633	0	0	1	1	1	1	1	1	1	1
634	1	32	1	1	1	1	1	1	1	1
635	0	0	1	1	1	1	1	1	1	1
636	1	33	1	1	1	1	1	1	1	1
637	0	0	1	1	1	1	1	1	1	1
638	0	0	1	1	1	1	1	1	1	1
639	1	34	1	1	1	1	1	1	1	1
640	0	0	1	1	1	1	1	1	1	1
641	0	0	1	1	1	1	1	1	1	1
642	0	0	1	1	1	1	1	1	1	1
643	1	35	1	1	1	1	1	1	1	1
644	0	0	1	1	1	1	1	1	1	1
645	0	0	1	1	1	1	1	1	1	1
646	0	0	1	1	1	1	1	1	1	1
647	0	0	1	1	1	1	1	1	1	1
648	0	0	1	1	1	1	1	1	1	1
649	0	0	1	1	1	1	1	1	1	1
650	0	0	1	1	1	1	1	1	1	1
651	1	36	1	1	1	1	1	1	1	1
652	0	0	1	1	1	1	1	1	1	1
653	0	0	1	1	1	1	1	1	1	1
654	0	0	1	1	1	1	1	1	1	1
655	0	0	1	1	1	1	1	1	1	1
656	0	0	1	1	1	1	1	1	1	1
657	0	0	1	1	1	1	1	1	1	1
658	0	0	1	1	1	1	1	1	1	1
659	1	37	1	1	1	1	1	1	1	1
660	0	0	1	1	1	1	1	1	1	1
661	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
662	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
663	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
664	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
665	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
666	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
667	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
668	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
669	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
670	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
671	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
672	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
673	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
674	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
675	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
676	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
677	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
678	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
679	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
680	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
681	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
682	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
683	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
684	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
685	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
686	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
687	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
688	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
689	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
690	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
691	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
692	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
693	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
694	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
662	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
663	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
664	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
665	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
666	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
667	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
668	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
669	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
670	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
671	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
672	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
673	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
674	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
675	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
676	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
677	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
678	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
679	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
680	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
681	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
682	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
683	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
684	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
685	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
686	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
687	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
688	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
689	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
690	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
691	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
692	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
693	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
694	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
662	Redacted	ok	physical	0	1	Redacted
663	Redacted	ok	physical	0	1	Redacted
664	Redacted	ok	physical	0	1	Redacted
665	Redacted	ok	physical	0	1	Redacted
666	Redacted	ok	physical	0	1	Redacted
667	Redacted	ok	physical	0	1	Redacted
668	Redacted	ok	physical	0	1	Redacted
669	Redacted	ok	physical	0	1	Redacted
670	Redacted	ok	physical	0	1	Redacted
671	Redacted	ok	physical	0	1	Redacted
672	Redacted	ok	physical	0	1	Redacted
673	Redacted	ok	physical	0	1	Redacted
674	Redacted	ok	physical	0	1	Redacted
675	Redacted	ok	physical	0	1	Redacted
676	Redacted	ok	physical	0	1	Redacted
677	Redacted	ok	physical	0	1	Redacted
678	Redacted	ok	physical	0	1	Redacted
679	Redacted	ok	physical	0	1	Redacted
680	Redacted	ok	physical	0	1	Redacted
681	Redacted	ok	physical	0	1	Redacted
682	Redacted	ok	physical	0	1	Redacted
683	Redacted	ok	physical	0	1	Redacted
684	Redacted	ok	physical	0	1	Redacted
685	Redacted	ok	physical	0	1	Redacted
686	Redacted	ok	physical	0	1	Redacted
687	Redacted	ok	physical	0	1	Redacted
688	Redacted	ok	physical	0	1	Redacted
689	Redacted	ok	physical	0	1	Redacted
690	Redacted	ok	physical	0	1	Redacted
691	Redacted	ok	physical	0	1	Redacted
692	Redacted	ok	physical	0	1	Redacted
693	Redacted	ok	physical	0	1	Redacted
694	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
662	0	0	1	1	1	1	1	1	1	1
663	0	0	1	1	1	1	1	1	1	1
664	0	0	1	1	1	1	1	1	1	1
665	0	0	1	1	1	1	1	1	1	1
666	0	0	1	1	1	1	1	1	1	1
667	0	0	1	1	1	1	1	1	1	1
668	0	0	1	1	1	1	1	1	1	1
669	0	0	1	1	1	1	1	1	1	1
670	0	0	1	1	1	1	1	1	1	1
671	0	0	1	1	1	1	1	1	1	1
672	0	0	1	1	1	1	1	1	1	1
673	0	0	1	1	1	1	1	1	1	1
674	0	0	1	1	1	1	1	1	1	1
675	0	0	1	1	1	1	1	1	1	1
676	0	0	1	1	1	1	1	1	1	1
677	0	0	1	1	1	1	1	1	1	1
678	0	0	1	1	1	1	1	1	1	1
679	0	0	1	1	1	1	1	1	1	1
680	0	0	1	1	1	1	1	1	1	1
681	0	0	1	1	1	1	1	1	1	1
682	0	0	1	1	1	1	1	1	1	1
683	0	0	1	1	1	1	1	1	1	1
684	0	0	1	1	1	1	1	1	1	1
685	0	0	1	1	1	1	1	1	1	1
686	0	0	1	1	1	1	1	1	1	1
687	0	0	1	1	1	1	1	1	1	1
688	0	0	1	1	1	1	1	1	1	1
689	0	0	1	1	1	1	1	1	1	1
690	0	0	1	1	1	1	1	1	1	1
691	0	0	1	1	1	1	1	1	1	1
692	0	0	1	1	1	1	1	1	1	1
693	0	0	1	1	1	1	1	1	1	1
694	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
695	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
696	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
697	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
698	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
699	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
700	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
701	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
702	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
703	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
704	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
705	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
706	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
707	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
708	SVCEA	DELTA_2_PL1X4	194RA116	2020	1	0	Redacted		online	
709	SVCEA	DELTA_2_PL1X4	194RA116	2020	2	0	Redacted		online	
710	SVCEA	DELTA_2_PL1X4	194RA116	2020	3	0	Redacted		online	
711	SVCEA	DELTA_2_PL1X4	194RA116	2020	4	0	Redacted		online	
712	SVCEA	DELTA_2_PL1X4	194RA116	2020	5	0	Redacted		online	
713	SVCEA	DELTA_2_PL1X4	194RA116	2020	6	0	Redacted		online	
714	SVCEA	DELTA_2_PL1X4	194RA116	2020	7	0	Redacted		online	
715	SVCEA	DELTA_2_PL1X4	194RA116	2020	8	0	Redacted		online	
716	SVCEA	DELTA_2_PL1X4	194RA116	2020	9	0	Redacted		online	
717	SVCEA	DELTA_2_PL1X4	194RA116	2020	10	0	Redacted		online	
718	SVCEA	DELTA_2_PL1X4	194RA116	2020	11	0	Redacted		online	
719	SVCEA	DELTA_2_PL1X4	194RA116	2020	12	0	Redacted		online	
720	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
721	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
722	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
723	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
724	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
725	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	1	0	Redacted		online	
726	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	2	0	Redacted		online	
727	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	3	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
695	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
696	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
697	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
698	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
699	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
700	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
701	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
702	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
703	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
704	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
705	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
706	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
707	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
708	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_1	100%	1	#N/A
709	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1	#N/A
710	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1	#N/A
711	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_4	100%	1	#N/A
712	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	100%	1	#N/A
713	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	100%	1	#N/A
714	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_7	100%	1	#N/A
715	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1	#N/A
716	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	100%	1	#N/A
717	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	100%	1	#N/A
718	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_11	100%	1	#N/A
719	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_12	100%	1	#N/A
720	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
721	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
722	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
723	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
724	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
725	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_1	100%	1	#N/A
726	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_2	100%	1	#N/A
727	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_3	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
695	Redacted	ok	physical	0	1	Redacted
696	Redacted	ok	physical	0	1	Redacted
697	Redacted	ok	physical	0	1	Redacted
698	Redacted	ok	physical	0	1	Redacted
699	Redacted	ok	physical	0	1	Redacted
700	Redacted	ok	physical	0	1	Redacted
701	Redacted	ok	physical	0	1	Redacted
702	Redacted	ok	physical	0	1	Redacted
703	Redacted	ok	physical	0	1	Redacted
704	Redacted	ok	physical	0	1	Redacted
705	Redacted	ok	physical	0	1	Redacted
706	Redacted	ok	physical	0	1	Redacted
707	Redacted	ok	physical	0	1	Redacted
708	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
709	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
710	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
711	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
712	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
713	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
714	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
715	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
716	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
717	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
718	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
719	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
720	Redacted	ok	physical	0	1	Redacted
721	Redacted	ok	physical	0	1	Redacted
722	Redacted	ok	physical	0	1	Redacted
723	Redacted	ok	physical	0	1	Redacted
724	Redacted	ok	physical	0	1	Redacted
725	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
726	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
727	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
695	1	38	1	1	1	1	1	1	1	1
696	1	39	1	1	1	1	1	1	1	1
697	0	0	1	1	1	1	1	1	1	1
698	0	0	1	1	1	1	1	1	1	1
699	0	0	1	1	1	1	1	1	1	1
700	0	0	1	1	1	1	1	1	1	1
701	0	0	1	1	1	1	1	1	1	1
702	0	0	1	1	1	1	1	1	1	1
703	0	0	1	1	1	1	1	1	1	1
704	0	0	1	1	1	1	1	1	1	1
705	0	0	1	1	1	1	1	1	1	1
706	0	0	1	1	1	1	1	1	1	1
707	0	0	1	1	1	1	1	1	1	1
708	1	40	1	1	1	1	1	1	1	1
709	0	0	1	1	1	1	1	1	1	1
710	0	0	1	1	1	1	1	1	1	1
711	0	0	1	1	1	1	1	1	1	1
712	0	0	1	1	1	1	1	1	1	1
713	0	0	1	1	1	1	1	1	1	1
714	0	0	1	1	1	1	1	1	1	1
715	0	0	1	1	1	1	1	1	1	1
716	0	0	1	1	1	1	1	1	1	1
717	0	0	1	1	1	1	1	1	1	1
718	0	0	1	1	1	1	1	1	1	1
719	0	0	1	1	1	1	1	1	1	1
720	1	41	1	1	1	1	1	1	1	1
721	0	0	1	1	1	1	1	1	1	1
722	0	0	1	1	1	1	1	1	1	1
723	1	42	1	1	1	1	1	1	1	1
724	1	43	1	1	1	1	1	1	1	1
725	1	44	1	1	1	1	1	1	1	1
726	0	0	1	1	1	1	1	1	1	1
727	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
728	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	4	0	Redacted		online	
729	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	5	0	Redacted		online	
730	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	6	0	Redacted		online	
731	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	7	0	Redacted		online	
732	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	8	0	Redacted		online	
733	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	9	0	Redacted		online	
734	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	10	0	Redacted		online	
735	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	11	0	Redacted		online	
736	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	12	0	Redacted		online	
737	SVCEA	PNOCHE_1_PL1X2	194RA118	2020	10	0	Redacted		online	
738	SVCEA	DELTA_2_PL1X4	194RA118	2020	1	0	Redacted		online	
739	SVCEA	DELTA_2_PL1X4	194RA118	2020	2	0	Redacted		online	
740	SVCEA	DELTA_2_PL1X4	194RA118	2020	3	0	Redacted		online	
741	SVCEA	DELTA_2_PL1X4	194RA118	2020	4	0	Redacted		online	
742	SVCEA	DELTA_2_PL1X4	194RA118	2020	5	0	Redacted		online	
743	SVCEA	DELTA_2_PL1X4	194RA118	2020	6	0	Redacted		online	
744	SVCEA	DELTA_2_PL1X4	194RA118	2020	7	0	Redacted		online	
745	SVCEA	DELTA_2_PL1X4	194RA118	2020	8	0	Redacted		online	
746	SVCEA	DELTA_2_PL1X4	194RA118	2020	9	0	Redacted		online	
747	SVCEA	DELTA_2_PL1X4	194RA118	2020	10	0	Redacted		online	
748	SVCEA	DELTA_2_PL1X4	194RA118	2020	11	0	Redacted		online	
749	SVCEA	DELTA_2_PL1X4	194RA118	2020	12	0	Redacted		online	
750	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
751	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
752	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
753	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
754	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
755	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
756	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
757	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
758	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
759	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
760	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
761	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
728	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_4	100%	1	#N/A
729	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_5	100%	1	#N/A
730	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_6	100%	1	#N/A
731	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_7	100%	1	#N/A
732	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_8	100%	1	#N/A
733	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_9	100%	1	#N/A
734	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_10	100%	1	#N/A
735	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_11	100%	1	#N/A
736	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_12	100%	1	#N/A
737	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_10	100%	1	#N/A
738	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_1	100%	1	#N/A
739	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1	#N/A
740	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1	#N/A
741	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_4	100%	1	#N/A
742	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	100%	1	#N/A
743	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	100%	1	#N/A
744	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_7	100%	1	#N/A
745	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1	#N/A
746	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	100%	1	#N/A
747	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	100%	1	#N/A
748	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_11	100%	1	#N/A
749	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_12	100%	1	#N/A
750	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
751	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
752	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
753	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
754	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
755	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
756	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
757	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
758	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
759	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
760	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
761	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
728	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
729	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
730	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
731	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
732	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
733	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
734	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
735	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
736	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
737	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
738	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
739	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
740	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
741	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
742	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
743	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
744	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
745	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
746	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
747	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
748	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
749	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
750	Redacted	ok	physical	0	1	Redacted
751	Redacted	ok	physical	0	1	Redacted
752	Redacted	ok	physical	0	1	Redacted
753	Redacted	ok	physical	0	1	Redacted
754	Redacted	ok	physical	0	1	Redacted
755	Redacted	ok	physical	0	1	Redacted
756	Redacted	ok	physical	0	1	Redacted
757	Redacted	ok	physical	0	1	Redacted
758	Redacted	ok	physical	0	1	Redacted
759	Redacted	ok	physical	0	1	Redacted
760	Redacted	ok	physical	0	1	Redacted
761	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
728	0	0	1	1	1	1	1	1	1	1
729	0	0	1	1	1	1	1	1	1	1
730	0	0	1	1	1	1	1	1	1	1
731	0	0	1	1	1	1	1	1	1	1
732	0	0	1	1	1	1	1	1	1	1
733	0	0	1	1	1	1	1	1	1	1
734	0	0	1	1	1	1	1	1	1	1
735	0	0	1	1	1	1	1	1	1	1
736	0	0	1	1	1	1	1	1	1	1
737	0	0	1	1	1	1	1	1	1	1
738	1	45	1	1	1	1	1	1	1	1
739	0	0	1	1	1	1	1	1	1	1
740	0	0	1	1	1	1	1	1	1	1
741	0	0	1	1	1	1	1	1	1	1
742	0	0	1	1	1	1	1	1	1	1
743	0	0	1	1	1	1	1	1	1	1
744	0	0	1	1	1	1	1	1	1	1
745	0	0	1	1	1	1	1	1	1	1
746	0	0	1	1	1	1	1	1	1	1
747	0	0	1	1	1	1	1	1	1	1
748	0	0	1	1	1	1	1	1	1	1
749	0	0	1	1	1	1	1	1	1	1
750	1	46	1	1	1	1	1	1	1	1
751	0	0	1	1	1	1	1	1	1	1
752	0	0	1	1	1	1	1	1	1	1
753	0	0	1	1	1	1	1	1	1	1
754	0	0	1	1	1	1	1	1	1	1
755	0	0	1	1	1	1	1	1	1	1
756	0	0	1	1	1	1	1	1	1	1
757	0	0	1	1	1	1	1	1	1	1
758	0	0	1	1	1	1	1	1	1	1
759	0	0	1	1	1	1	1	1	1	1
760	0	0	1	1	1	1	1	1	1	1
761	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
762	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
763	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
764	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
765	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
766	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
767	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
768	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
769	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
770	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
771	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
772	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
773	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
774	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
775	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
776	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
777	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
778	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
779	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
780	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
781	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
782	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
783	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
784	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
785	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
786	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
787	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
788	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
789	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
790	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
791	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
792	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
793	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
794	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
762	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
763	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
764	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
765	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
766	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
767	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
768	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
769	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
770	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
771	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
772	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
773	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
774	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
775	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
776	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
777	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
778	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
779	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
780	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
781	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
782	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
783	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
784	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
785	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
786	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
787	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
788	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
789	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
790	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
791	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
792	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
793	Redacted	Redacted	Redacted	1	Redacted	Redacted	66%	1	#N/A
794	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
762	Redacted	ok	physical	0	1	Redacted
763	Redacted	ok	physical	0	1	Redacted
764	Redacted	ok	physical	0	1	Redacted
765	Redacted	ok	physical	0	1	Redacted
766	Redacted	ok	physical	0	1	Redacted
767	Redacted	ok	physical	0	1	Redacted
768	Redacted	ok	physical	0	1	Redacted
769	Redacted	ok	physical	0	1	Redacted
770	Redacted	ok	physical	0	1	Redacted
771	Redacted	ok	physical	0	1	Redacted
772	Redacted	ok	physical	0	1	Redacted
773	Redacted	ok	physical	0	1	Redacted
774	Redacted	ok	physical	0	1	Redacted
775	Redacted	ok	physical	0	1	Redacted
776	Redacted	ok	physical	0	1	Redacted
777	Redacted	ok	physical	0	1	Redacted
778	Redacted	ok	special	0	1	Redacted
779	Redacted	ok	physical	0	1	Redacted
780	Redacted	ok	physical	0	1	Redacted
781	Redacted	ok	physical	0	1	Redacted
782	Redacted	ok	physical	0	1	Redacted
783	Redacted	ok	physical	0	1	Redacted
784	Redacted	ok	physical	0	1	Redacted
785	Redacted	ok	physical	0	1	Redacted
786	Redacted	ok	physical	0	1	Redacted
787	Redacted	ok	physical	0	1	Redacted
788	Redacted	ok	physical	0	1	Redacted
789	Redacted	ok	physical	0	1	Redacted
790	Redacted	ok	physical	0	1	Redacted
791	Redacted	ok	physical	0	1	Redacted
792	Redacted	ok	physical	0	1	Redacted
793	Redacted	ok	physical	0	1	Redacted
794	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
762	1	47	1	1	1	1	1	1	1	1
763	0	0	1	1	1	1	1	1	1	1
764	0	0	1	1	1	1	1	1	1	1
765	0	0	1	1	1	1	1	1	1	1
766	0	0	1	1	1	1	1	1	1	1
767	0	0	1	1	1	1	1	1	1	1
768	0	0	1	1	1	1	1	1	1	1
769	0	0	1	1	1	1	1	1	1	1
770	0	0	1	1	1	1	1	1	1	1
771	0	0	1	1	1	1	1	1	1	1
772	0	0	1	1	1	1	1	1	1	1
773	0	0	1	1	1	1	1	1	1	1
774	0	0	1	1	1	1	1	1	1	1
775	1	48	1	1	1	1	1	1	1	1
776	0	0	1	1	1	1	1	1	1	1
777	0	0	1	1	1	1	1	1	1	1
778	1	49	1	1	1	1	1	1	1	1
779	1	50	1	1	1	1	1	1	1	1
780	1	51	1	1	1	1	1	1	1	1
781	0	0	1	1	1	1	1	1	1	1
782	0	0	1	1	1	1	1	1	1	1
783	0	0	1	1	1	1	1	1	1	1
784	0	0	1	1	1	1	1	1	1	1
785	0	0	1	1	1	1	1	1	1	1
786	0	0	1	1	1	1	1	1	1	1
787	0	0	1	1	1	1	1	1	1	1
788	0	0	1	1	1	1	1	1	1	1
789	0	0	1	1	1	1	1	1	1	1
790	0	0	1	1	1	1	1	1	1	1
791	0	0	1	1	1	1	1	1	1	1
792	1	52	1	1	1	1	1	1	1	1
793	0	0	1	1	1	1	1	1	1	1
794	1	53	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
795	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
796	SVCEA	HUMBPP_1_UNITS3	194RA125	2020	1	0	Redacted		online	
797	SVCEA	HUMBPP_1_UNITS3	194RA125	2020	2	0	Redacted		online	
798	SVCEA	HUMBPP_1_UNITS3	194RA125	2020	3	0	Redacted		online	
799	SVCEA	HUMBPP_1_UNITS3	194RA125	2020	4	0	Redacted		online	
800	SVCEA	HUMBPP_1_UNITS3	194RA125	2020	5	0	Redacted		online	
801	SVCEA	HIDSRT_2_UNITS	194RA125	2020	3	0	Redacted		online	
802	SVCEA	HIDSRT_2_UNITS	194RA125	2020	4	0	Redacted		online	
803	SVCEA	HIDSRT_2_UNITS	194RA125	2020	10	0	Redacted		online	
804	SVCEA	PNOCHE_1_PL1X2	194RA125	2020	5	0	Redacted		online	
805	SVCEA	SCHLTE_1_PL1X3	194RA125	2022	4	0	Redacted		online	
806	SVCEA	PNCHEG_2_PL1X4	194RA126	2020	1	0	Redacted		online	
807	SVCEA	HIDSRT_2_UNITS	194RA126	2020	2	0	Redacted		online	
808	SVCEA	DELTA_2_PL1X4	194RA126	2020	2	0	Redacted		online	
809	SVCEA	PNCHEG_2_PL1X4	194RA126	2020	3	0	Redacted		online	
810	SVCEA	DELTA_2_PL1X4	194RA126	2020	3	0	Redacted		online	
811	SVCEA	PNCHEG_2_PL1X4	194RA126	2020	4	0	Redacted		online	
812	SVCEA	PNCHEG_2_PL1X4	194RA126	2020	5	0	Redacted		online	
813	SVCEA	DELTA_2_PL1X4	194RA126	2020	6	0	Redacted		online	
814	SVCEA	DELTA_2_PL1X4	194RA126	2020	7	0	Redacted		online	
815	SVCEA	DELTA_2_PL1X4	194RA126	2020	8	0	Redacted		online	
816	SVCEA	PNCHEG_2_PL1X4	194RA126	2020	9	0	Redacted		online	
817	SVCEA	DELTA_2_PL1X4	194RA126	2020	9	0	Redacted		online	
818	SVCEA	PNCHEG_2_PL1X4	194RA126	2020	10	0	Redacted		online	
819	SVCEA	PNCHEG_2_PL1X4	194RA126	2020	11	0	Redacted		online	
820	SVCEA	PNCHEG_2_PL1X4	194RA127	2020	10	0	Redacted		online	
821	SVCEA	PNCHEG_2_PL1X4	194RA127	2020	11	0	Redacted		online	
822	SVCEA	existing_generic_nw_hydro	194RA128	2020	6	0	Redacted		online	
823	SVCEA	existing_generic_nw_hydro	194RA128	2020	7	0	Redacted		online	
824	SVCEA	existing_generic_nw_hydro	194RA128	2020	8	0	Redacted		online	
825	SVCEA	existing_generic_nw_hydro	194RA128	2020	9	0	Redacted		online	
826	SVCEA	COGNAT_1_UNIT	194RA129	2022	1	0	Redacted		online	
827	SVCEA	COGNAT_1_UNIT	194RA129	2022	2	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
795	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
796	Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_1	100%	1	#N/A
797	Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_2	100%	1	#N/A
798	Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_3	100%	1	#N/A
799	Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_4	100%	1	#N/A
800	Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_5	100%	1	#N/A
801	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1	#N/A
802	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_4	100%	1	#N/A
803	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	100%	1	#N/A
804	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_5	100%	1	#N/A
805	Redacted	Redacted	CAISO_CCGT2	1	thermal	thermal_2022_4	100%	1	#N/A
806	Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_1	100%	1	#N/A
807	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1	#N/A
808	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1	#N/A
809	Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_3	100%	1	#N/A
810	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1	#N/A
811	Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_4	100%	1	#N/A
812	Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_5	100%	1	#N/A
813	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	100%	1	#N/A
814	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_7	100%	1	#N/A
815	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1	#N/A
816	Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_9	100%	1	#N/A
817	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	100%	1	#N/A
818	Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_10	100%	1	#N/A
819	Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_11	100%	1	#N/A
820	Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_10	100%	1	#N/A
821	Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_11	100%	1	#N/A
822	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_6	74%	1	#N/A
823	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_7	73%	1	#N/A
824	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_8	72%	1	#N/A
825	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_9	71%	1	#N/A
826	Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_1	82%	1	#N/A
827	Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_2	86%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
795	Redacted	ok	physical	0	1	Redacted
796	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
797	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
798	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
799	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
800	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
801	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA125_none
802	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA125_none
803	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA125_none
804	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA125_none
805	Redacted	ok	physical	0	0	SCHLTE_1_PL1X3_194RA125_none
806	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
807	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA126_none
808	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
809	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
810	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
811	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
812	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
813	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
814	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
815	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
816	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
817	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
818	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
819	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
820	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA127_none
821	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA127_none
822	Redacted	ok	existing_generic	0	0	existing_generic_nw_hydro_194RA128_none
823	Redacted	ok	existing_generic	0	0	existing_generic_nw_hydro_194RA128_none
824	Redacted	ok	existing_generic	0	0	existing_generic_nw_hydro_194RA128_none
825	Redacted	ok	existing_generic	0	0	existing_generic_nw_hydro_194RA128_none
826	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
827	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
795	1	54	1	1	1	1	1	1	1	1
796	1	55	1	1	1	1	1	1	1	1
797	0	0	1	1	1	1	1	1	1	1
798	0	0	1	1	1	1	1	1	1	1
799	0	0	1	1	1	1	1	1	1	1
800	0	0	1	1	1	1	1	1	1	1
801	1	56	1	1	1	1	1	1	1	1
802	0	0	1	1	1	1	1	1	1	1
803	0	0	1	1	1	1	1	1	1	1
804	1	57	1	1	1	1	1	1	1	1
805	1	58	1	1	1	1	1	1	1	1
806	1	59	1	1	1	1	1	1	1	1
807	1	60	1	1	1	1	1	1	1	1
808	1	61	1	1	1	1	1	1	1	1
809	0	0	1	1	1	1	1	1	1	1
810	0	0	1	1	1	1	1	1	1	1
811	0	0	1	1	1	1	1	1	1	1
812	0	0	1	1	1	1	1	1	1	1
813	0	0	1	1	1	1	1	1	1	1
814	0	0	1	1	1	1	1	1	1	1
815	0	0	1	1	1	1	1	1	1	1
816	0	0	1	1	1	1	1	1	1	1
817	0	0	1	1	1	1	1	1	1	1
818	0	0	1	1	1	1	1	1	1	1
819	0	0	1	1	1	1	1	1	1	1
820	1	62	1	1	1	1	1	1	1	1
821	0	0	1	1	1	1	1	1	1	1
822	1	63	1	1	1	1	1	1	1	1
823	0	0	1	1	1	1	1	1	1	1
824	0	0	1	1	1	1	1	1	1	1
825	0	0	1	1	1	1	1	1	1	1
826	1	64	1	1	1	1	1	1	1	1
827	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
828	SVCEA	COGNAT_1_UNIT	194RA129	2022	3	0	Redacted		online	
829	SVCEA	SCHLTE_1_PL1X3	194RA129	2022	4	0	Redacted		online	
830	SVCEA	COGNAT_1_UNIT	194RA129	2022	5	0	Redacted		online	
831	SVCEA	COGNAT_1_UNIT	194RA129	2022	6	0	Redacted		online	
832	SVCEA	COGNAT_1_UNIT	194RA129	2022	7	0	Redacted		online	
833	SVCEA	COGNAT_1_UNIT	194RA129	2022	8	0	Redacted		online	
834	SVCEA	COGNAT_1_UNIT	194RA129	2022	9	0	Redacted		online	
835	SVCEA	COGNAT_1_UNIT	194RA129	2022	10	0	Redacted		online	
836	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
837	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
838	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
839	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
840	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
841	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
842	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
843	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
844	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
845	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
846	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
847	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
848	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
849	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
850	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
851	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
852	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
853	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
854	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
855	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
856	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
857	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
858	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
859	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
860	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
828	Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_3	84%	1	#N/A
829	Redacted	Redacted	CAISO_CCGT2	1	thermal	thermal_2022_4	100%	1	#N/A
830	Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_5	83%	1	#N/A
831	Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_6	89%	1	#N/A
832	Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_7	87%	1	#N/A
833	Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_8	90%	1	#N/A
834	Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_9	90%	1	#N/A
835	Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_10	81%	1	#N/A
836	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
837	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
838	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
839	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
840	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
841	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
842	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
843	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
844	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
845	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
846	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
847	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
848	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
849	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
850	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
851	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
852	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
853	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
854	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
855	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
856	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
857	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
858	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
859	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
860	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
828	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
829	Redacted	ok	physical	0	0	SCHLTE_1_PL1X3_194RA129_none
830	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
831	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
832	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
833	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
834	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
835	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
836	Redacted	ok	physical	0	1	Redacted
837	Redacted	ok	physical	0	1	Redacted
838	Redacted	ok	physical	0	1	Redacted
839	Redacted	ok	physical	0	1	Redacted
840	Redacted	ok	physical	0	1	Redacted
841	Redacted	ok	physical	0	1	Redacted
842	Redacted	ok	physical	0	1	Redacted
843	Redacted	ok	physical	0	1	Redacted
844	Redacted	ok	physical	0	1	Redacted
845	Redacted	ok	physical	0	1	Redacted
846	Redacted	ok	physical	0	1	Redacted
847	Redacted	ok	physical	0	1	Redacted
848	Redacted	ok	physical	0	1	Redacted
849	Redacted	ok	physical	0	1	Redacted
850	Redacted	ok	physical	0	1	Redacted
851	Redacted	ok	physical	0	1	Redacted
852	Redacted	ok	physical	0	1	Redacted
853	Redacted	ok	physical	0	1	Redacted
854	Redacted	ok	physical	0	1	Redacted
855	Redacted	ok	physical	0	1	Redacted
856	Redacted	ok	physical	0	1	Redacted
857	Redacted	ok	physical	0	1	Redacted
858	Redacted	ok	physical	0	1	Redacted
859	Redacted	ok	physical	0	1	Redacted
860	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
828	0	0	1	1	1	1	1	1	1	1
829	1	65	1	1	1	1	1	1	1	1
830	0	0	1	1	1	1	1	1	1	1
831	0	0	1	1	1	1	1	1	1	1
832	0	0	1	1	1	1	1	1	1	1
833	0	0	1	1	1	1	1	1	1	1
834	0	0	1	1	1	1	1	1	1	1
835	0	0	1	1	1	1	1	1	1	1
836	1	66	1	1	1	1	1	1	1	1
837	0	0	1	1	1	1	1	1	1	1
838	0	0	1	1	1	1	1	1	1	1
839	0	0	1	1	1	1	1	1	1	1
840	0	0	1	1	1	1	1	1	1	1
841	0	0	1	1	1	1	1	1	1	1
842	0	0	1	1	1	1	1	1	1	1
843	0	0	1	1	1	1	1	1	1	1
844	0	0	1	1	1	1	1	1	1	1
845	0	0	1	1	1	1	1	1	1	1
846	0	0	1	1	1	1	1	1	1	1
847	0	0	1	1	1	1	1	1	1	1
848	0	0	1	1	1	1	1	1	1	1
849	0	0	1	1	1	1	1	1	1	1
850	0	0	1	1	1	1	1	1	1	1
851	0	0	1	1	1	1	1	1	1	1
852	0	0	1	1	1	1	1	1	1	1
853	0	0	1	1	1	1	1	1	1	1
854	0	0	1	1	1	1	1	1	1	1
855	0	0	1	1	1	1	1	1	1	1
856	0	0	1	1	1	1	1	1	1	1
857	0	0	1	1	1	1	1	1	1	1
858	0	0	1	1	1	1	1	1	1	1
859	0	0	1	1	1	1	1	1	1	1
860	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
861	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
862	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
863	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
864	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
865	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
866	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
867	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
868	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
869	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
870	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
871	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
872	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
873	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
874	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
875	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
876	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
877	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
878	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
879	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
880	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
881	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
882	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
883	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
884	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
885	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
886	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
887	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
888	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
889	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
890	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
891	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
892	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
893	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
861	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
862	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
863	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
864	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
865	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
866	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
867	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
868	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
869	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
870	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
871	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
872	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
873	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
874	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
875	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
876	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
877	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
878	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
879	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
880	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
881	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
882	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
883	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
884	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
885	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
886	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
887	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
888	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
889	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
890	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
891	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
892	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
893	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
861	Redacted	ok	physical	0	1	Redacted
862	Redacted	ok	physical	0	1	Redacted
863	Redacted	ok	physical	0	1	Redacted
864	Redacted	ok	physical	0	1	Redacted
865	Redacted	ok	physical	0	1	Redacted
866	Redacted	ok	physical	0	1	Redacted
867	Redacted	ok	physical	0	1	Redacted
868	Redacted	ok	physical	0	1	Redacted
869	Redacted	ok	physical	0	1	Redacted
870	Redacted	ok	physical	0	1	Redacted
871	Redacted	ok	physical	0	1	Redacted
872	Redacted	ok	physical	0	1	Redacted
873	Redacted	ok	physical	0	1	Redacted
874	Redacted	ok	physical	0	1	Redacted
875	Redacted	ok	physical	0	1	Redacted
876	Redacted	ok	physical	0	1	Redacted
877	Redacted	ok	physical	0	1	Redacted
878	Redacted	ok	physical	0	1	Redacted
879	Redacted	ok	physical	0	1	Redacted
880	Redacted	ok	physical	0	1	Redacted
881	Redacted	ok	physical	0	1	Redacted
882	Redacted	ok	physical	0	1	Redacted
883	Redacted	ok	physical	0	1	Redacted
884	Redacted	ok	physical	0	1	Redacted
885	Redacted	ok	physical	0	1	Redacted
886	Redacted	ok	physical	0	1	Redacted
887	Redacted	ok	physical	0	1	Redacted
888	Redacted	ok	physical	0	1	Redacted
889	Redacted	ok	physical	0	1	Redacted
890	Redacted	ok	physical	0	1	Redacted
891	Redacted	ok	physical	0	1	Redacted
892	Redacted	ok	physical	0	1	Redacted
893	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
861	0	0	1	1	1	1	1	1	1	1
862	0	0	1	1	1	1	1	1	1	1
863	0	0	1	1	1	1	1	1	1	1
864	0	0	1	1	1	1	1	1	1	1
865	0	0	1	1	1	1	1	1	1	1
866	0	0	1	1	1	1	1	1	1	1
867	0	0	1	1	1	1	1	1	1	1
868	0	0	1	1	1	1	1	1	1	1
869	0	0	1	1	1	1	1	1	1	1
870	0	0	1	1	1	1	1	1	1	1
871	0	0	1	1	1	1	1	1	1	1
872	1	67	1	1	1	1	1	1	1	1
873	0	0	1	1	1	1	1	1	1	1
874	0	0	1	1	1	1	1	1	1	1
875	0	0	1	1	1	1	1	1	1	1
876	0	0	1	1	1	1	1	1	1	1
877	0	0	1	1	1	1	1	1	1	1
878	0	0	1	1	1	1	1	1	1	1
879	0	0	1	1	1	1	1	1	1	1
880	0	0	1	1	1	1	1	1	1	1
881	0	0	1	1	1	1	1	1	1	1
882	0	0	1	1	1	1	1	1	1	1
883	0	0	1	1	1	1	1	1	1	1
884	0	0	1	1	1	1	1	1	1	1
885	0	0	1	1	1	1	1	1	1	1
886	0	0	1	1	1	1	1	1	1	1
887	0	0	1	1	1	1	1	1	1	1
888	0	0	1	1	1	1	1	1	1	1
889	0	0	1	1	1	1	1	1	1	1
890	0	0	1	1	1	1	1	1	1	1
891	0	0	1	1	1	1	1	1	1	1
892	0	0	1	1	1	1	1	1	1	1
893	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
894	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
895	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
896	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
897	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
898	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
899	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
900	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
901	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
902	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
903	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
904	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
905	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
906	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
907	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
908	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
909	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
910	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
911	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
912	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
913	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
914	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
915	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
916	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
917	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
918	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
919	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
920	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
921	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
922	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
923	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
924	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
925	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
926	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
894	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
895	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
896	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
897	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
898	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
899	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
900	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
901	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
902	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
903	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
904	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
905	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
906	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
907	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
908	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
909	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
910	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
911	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
912	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
913	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
914	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
915	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
916	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
917	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
918	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
919	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
920	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
921	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
922	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
923	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
924	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
925	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
926	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
894	Redacted	ok	physical	0	1	Redacted
895	Redacted	ok	physical	0	1	Redacted
896	Redacted	ok	physical	0	1	Redacted
897	Redacted	ok	physical	0	1	Redacted
898	Redacted	ok	physical	0	1	Redacted
899	Redacted	ok	physical	0	1	Redacted
900	Redacted	ok	physical	0	1	Redacted
901	Redacted	ok	physical	0	1	Redacted
902	Redacted	ok	physical	0	1	Redacted
903	Redacted	ok	physical	0	1	Redacted
904	Redacted	ok	physical	0	1	Redacted
905	Redacted	ok	physical	0	1	Redacted
906	Redacted	ok	physical	0	1	Redacted
907	Redacted	ok	physical	0	1	Redacted
908	Redacted	ok	physical	0	1	Redacted
909	Redacted	ok	physical	0	1	Redacted
910	Redacted	ok	physical	0	1	Redacted
911	Redacted	ok	physical	0	1	Redacted
912	Redacted	ok	physical	0	1	Redacted
913	Redacted	ok	physical	0	1	Redacted
914	Redacted	ok	physical	0	1	Redacted
915	Redacted	ok	physical	0	1	Redacted
916	Redacted	ok	physical	0	1	Redacted
917	Redacted	ok	physical	0	1	Redacted
918	Redacted	ok	physical	0	1	Redacted
919	Redacted	ok	physical	0	1	Redacted
920	Redacted	ok	physical	0	1	Redacted
921	Redacted	ok	physical	0	1	Redacted
922	Redacted	ok	physical	0	1	Redacted
923	Redacted	ok	physical	0	1	Redacted
924	Redacted	ok	physical	0	1	Redacted
925	Redacted	ok	physical	0	1	Redacted
926	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
894	0	0	1	1	1	1	1	1	1	1
895	0	0	1	1	1	1	1	1	1	1
896	0	0	1	1	1	1	1	1	1	1
897	0	0	1	1	1	1	1	1	1	1
898	0	0	1	1	1	1	1	1	1	1
899	0	0	1	1	1	1	1	1	1	1
900	0	0	1	1	1	1	1	1	1	1
901	0	0	1	1	1	1	1	1	1	1
902	0	0	1	1	1	1	1	1	1	1
903	0	0	1	1	1	1	1	1	1	1
904	0	0	1	1	1	1	1	1	1	1
905	0	0	1	1	1	1	1	1	1	1
906	0	0	1	1	1	1	1	1	1	1
907	0	0	1	1	1	1	1	1	1	1
908	1	68	1	1	1	1	1	1	1	1
909	0	0	1	1	1	1	1	1	1	1
910	0	0	1	1	1	1	1	1	1	1
911	0	0	1	1	1	1	1	1	1	1
912	0	0	1	1	1	1	1	1	1	1
913	0	0	1	1	1	1	1	1	1	1
914	0	0	1	1	1	1	1	1	1	1
915	0	0	1	1	1	1	1	1	1	1
916	0	0	1	1	1	1	1	1	1	1
917	0	0	1	1	1	1	1	1	1	1
918	0	0	1	1	1	1	1	1	1	1
919	0	0	1	1	1	1	1	1	1	1
920	0	0	1	1	1	1	1	1	1	1
921	0	0	1	1	1	1	1	1	1	1
922	0	0	1	1	1	1	1	1	1	1
923	0	0	1	1	1	1	1	1	1	1
924	0	0	1	1	1	1	1	1	1	1
925	0	0	1	1	1	1	1	1	1	1
926	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
927	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
928	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
929	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
930	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
931	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
932	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
933	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
934	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
935	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
936	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
937	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
938	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
939	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
940	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
941	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
942	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
943	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
944	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
945	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
946	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
947	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
948	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
949	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
950	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
951	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
952	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
953	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
954	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
955	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
956	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
957	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
958	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
959	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
927	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
928	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
929	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
930	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
931	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
932	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
933	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
934	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
935	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
936	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
937	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
938	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
939	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
940	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
941	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
942	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
943	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
944	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
945	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
946	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
947	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
948	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
949	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
950	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
951	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
952	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
953	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
954	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
955	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
956	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
957	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
958	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
959	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
927	Redacted	ok	physical	0	1	Redacted
928	Redacted	ok	physical	0	1	Redacted
929	Redacted	ok	physical	0	1	Redacted
930	Redacted	ok	physical	0	1	Redacted
931	Redacted	ok	physical	0	1	Redacted
932	Redacted	ok	physical	0	1	Redacted
933	Redacted	ok	physical	0	1	Redacted
934	Redacted	ok	physical	0	1	Redacted
935	Redacted	ok	physical	0	1	Redacted
936	Redacted	ok	physical	0	1	Redacted
937	Redacted	ok	physical	0	1	Redacted
938	Redacted	ok	physical	0	1	Redacted
939	Redacted	ok	physical	0	1	Redacted
940	Redacted	ok	physical	0	1	Redacted
941	Redacted	ok	physical	0	1	Redacted
942	Redacted	ok	physical	0	1	Redacted
943	Redacted	ok	physical	0	1	Redacted
944	Redacted	ok	physical	0	1	Redacted
945	Redacted	ok	physical	0	1	Redacted
946	Redacted	ok	physical	0	1	Redacted
947	Redacted	ok	physical	0	1	Redacted
948	Redacted	ok	physical	0	1	Redacted
949	Redacted	ok	physical	0	1	Redacted
950	Redacted	ok	physical	0	1	Redacted
951	Redacted	ok	physical	0	1	Redacted
952	Redacted	ok	physical	0	1	Redacted
953	Redacted	ok	physical	0	1	Redacted
954	Redacted	ok	physical	0	1	Redacted
955	Redacted	ok	physical	0	1	Redacted
956	Redacted	ok	physical	0	1	Redacted
957	Redacted	ok	physical	0	1	Redacted
958	Redacted	ok	physical	0	1	Redacted
959	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
927	0	0	1	1	1	1	1	1	1	1
928	0	0	1	1	1	1	1	1	1	1
929	0	0	1	1	1	1	1	1	1	1
930	0	0	1	1	1	1	1	1	1	1
931	0	0	1	1	1	1	1	1	1	1
932	0	0	1	1	1	1	1	1	1	1
933	0	0	1	1	1	1	1	1	1	1
934	0	0	1	1	1	1	1	1	1	1
935	0	0	1	1	1	1	1	1	1	1
936	0	0	1	1	1	1	1	1	1	1
937	0	0	1	1	1	1	1	1	1	1
938	0	0	1	1	1	1	1	1	1	1
939	0	0	1	1	1	1	1	1	1	1
940	0	0	1	1	1	1	1	1	1	1
941	0	0	1	1	1	1	1	1	1	1
942	0	0	1	1	1	1	1	1	1	1
943	0	0	1	1	1	1	1	1	1	1
944	1	69	1	1	1	1	1	1	1	1
945	0	0	1	1	1	1	1	1	1	1
946	0	0	1	1	1	1	1	1	1	1
947	0	0	1	1	1	1	1	1	1	1
948	0	0	1	1	1	1	1	1	1	1
949	0	0	1	1	1	1	1	1	1	1
950	0	0	1	1	1	1	1	1	1	1
951	0	0	1	1	1	1	1	1	1	1
952	0	0	1	1	1	1	1	1	1	1
953	1	70	1	1	1	1	1	1	1	1
954	0	0	1	1	1	1	1	1	1	1
955	0	0	1	1	1	1	1	1	1	1
956	0	0	1	1	1	1	1	1	1	1
957	0	0	1	1	1	1	1	1	1	1
958	0	0	1	1	1	1	1	1	1	1
959	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
960	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
961	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
962	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
963	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
964	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
965	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
966	SVCEA	DELTA_2_PL1X4	194RA134	2020	1	0	Redacted		online	
967	SVCEA	DELTA_2_PL1X4	194RA134	2020	2	0	Redacted		online	
968	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
969	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
970	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
971	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
972	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
973	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
974	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
975	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
976	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
977	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
978	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
979	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
980	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
981	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
982	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
983	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
984	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
985	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
986	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
987	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
988	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
989	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
990	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
991	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
992	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
960	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
961	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
962	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
963	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
964	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
965	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
966	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_1	100%	1	#N/A
967	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1	#N/A
968	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
969	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
970	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
971	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
972	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
973	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
974	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
975	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
976	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
977	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
978	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
979	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
980	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
981	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
982	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
983	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
984	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
985	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
986	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
987	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
988	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
989	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
990	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
991	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
992	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
960	Redacted	ok	physical	0	1	Redacted
961	Redacted	ok	physical	0	1	Redacted
962	Redacted	ok	physical	0	1	Redacted
963	Redacted	ok	physical	0	1	Redacted
964	Redacted	ok	physical	0	1	Redacted
965	Redacted	ok	physical	0	1	Redacted
966	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA134_none
967	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA134_none
968	Redacted	ok	physical	0	1	Redacted
969	Redacted	ok	physical	0	1	Redacted
970	Redacted	ok	physical	0	1	Redacted
971	Redacted	ok	physical	0	1	Redacted
972	Redacted	ok	physical	0	1	Redacted
973	Redacted	ok	physical	0	1	Redacted
974	Redacted	ok	physical	0	1	Redacted
975	Redacted	ok	physical	0	1	Redacted
976	Redacted	ok	physical	0	1	Redacted
977	Redacted	ok	physical	0	1	Redacted
978	Redacted	ok	physical	0	1	Redacted
979	Redacted	ok	physical	0	1	Redacted
980	Redacted	ok	physical	0	1	Redacted
981	Redacted	ok	physical	0	1	Redacted
982	Redacted	ok	physical	0	1	Redacted
983	Redacted	ok	physical	0	1	Redacted
984	Redacted	ok	physical	0	1	Redacted
985	Redacted	ok	physical	0	1	Redacted
986	Redacted	ok	physical	0	1	Redacted
987	Redacted	ok	physical	0	1	Redacted
988	Redacted	ok	physical	0	1	Redacted
989	Redacted	ok	physical	0	1	Redacted
990	Redacted	ok	physical	0	1	Redacted
991	Redacted	ok	physical	0	1	Redacted
992	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
960	0	0	1	1	1	1	1	1	1	1
961	0	0	1	1	1	1	1	1	1	1
962	0	0	1	1	1	1	1	1	1	1
963	0	0	1	1	1	1	1	1	1	1
964	1	71	1	1	1	1	1	1	1	1
965	0	0	1	1	1	1	1	1	1	1
966	1	72	1	1	1	1	1	1	1	1
967	0	0	1	1	1	1	1	1	1	1
968	1	73	1	1	1	1	1	1	1	1
969	0	0	1	1	1	1	1	1	1	1
970	0	0	1	1	1	1	1	1	1	1
971	0	0	1	1	1	1	1	1	1	1
972	0	0	1	1	1	1	1	1	1	1
973	0	0	1	1	1	1	1	1	1	1
974	0	0	1	1	1	1	1	1	1	1
975	0	0	1	1	1	1	1	1	1	1
976	0	0	1	1	1	1	1	1	1	1
977	0	0	1	1	1	1	1	1	1	1
978	0	0	1	1	1	1	1	1	1	1
979	0	0	1	1	1	1	1	1	1	1
980	0	0	1	1	1	1	1	1	1	1
981	0	0	1	1	1	1	1	1	1	1
982	0	0	1	1	1	1	1	1	1	1
983	0	0	1	1	1	1	1	1	1	1
984	0	0	1	1	1	1	1	1	1	1
985	0	0	1	1	1	1	1	1	1	1
986	0	0	1	1	1	1	1	1	1	1
987	0	0	1	1	1	1	1	1	1	1
988	0	0	1	1	1	1	1	1	1	1
989	0	0	1	1	1	1	1	1	1	1
990	0	0	1	1	1	1	1	1	1	1
991	0	0	1	1	1	1	1	1	1	1
992	1	74	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
993	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
994	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
995	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
996	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
997	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
998	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
999	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
1000	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1001	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1002	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
1003	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
1004	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
1005	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
1006	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
1007	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
1008	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
1009	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
1010	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
1011	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
1012	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1013	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1014	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
1015	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
1016	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
1017	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
1018	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
1019	SVCEA	HIDSRT_2_UNITS	194RA140	2020	3	0	Redacted		online	
1020	SVCEA	MTNPOS_1_UNIT	194RA141	2020	2	0	Redacted		online	
1021	SVCEA	OLDRV1_6_SOLAR	194RA141	2020	4	0	Redacted		online	
1022	SVCEA	MTNPOS_1_UNIT	194RA141	2020	10	0	Redacted		online	
1023	SVCEA	MTNPOS_1_UNIT	194RA141	2020	11	0	Redacted		online	
1024	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
1025	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
993	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
994	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
995	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
996	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
997	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
998	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
999	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
1000	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
1001	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
1002	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
1003	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
1004	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
1005	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
1006	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
1007	Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1	#N/A
1008	Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1	#N/A
1009	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
1010	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
1011	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
1012	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
1013	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
1014	Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1	#N/A
1015	Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1	#N/A
1016	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
1017	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
1018	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1019	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1	#N/A
1020	Redacted	Redacted	CAISO_CHP	1	cogen	cogen_2020_2	79%	1	#N/A
1021	Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_4	15%	1	#N/A
1022	Redacted	Redacted	CAISO_CHP	1	cogen	cogen_2020_10	72%	1	#N/A
1023	Redacted	Redacted	CAISO_CHP	1	cogen	cogen_2020_11	78%	1	#N/A
1024	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1025	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
993	Redacted	ok	physical	0	1	Redacted
994	Redacted	ok	physical	0	1	Redacted
995	Redacted	ok	physical	0	1	Redacted
996	Redacted	ok	physical	0	1	Redacted
997	Redacted	ok	physical	0	1	Redacted
998	Redacted	ok	physical	0	1	Redacted
999	Redacted	ok	physical	0	1	Redacted
1000	Redacted	ok	physical	0	1	Redacted
1001	Redacted	ok	physical	0	1	Redacted
1002	Redacted	ok	physical	0	1	Redacted
1003	Redacted	ok	physical	0	1	Redacted
1004	Redacted	ok	physical	0	1	Redacted
1005	Redacted	ok	physical	0	1	Redacted
1006	Redacted	ok	physical	0	1	Redacted
1007	Redacted	ok	physical	0	1	Redacted
1008	Redacted	ok	physical	0	1	Redacted
1009	Redacted	ok	physical	0	1	Redacted
1010	Redacted	ok	physical	0	1	Redacted
1011	Redacted	ok	physical	0	1	Redacted
1012	Redacted	ok	physical	0	1	Redacted
1013	Redacted	ok	physical	0	1	Redacted
1014	Redacted	ok	physical	0	1	Redacted
1015	Redacted	ok	physical	0	1	Redacted
1016	Redacted	ok	physical	0	1	Redacted
1017	Redacted	ok	physical	0	1	Redacted
1018	Redacted	ok	physical	0	1	Redacted
1019	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA140_none
1020	Redacted	ok	physical	0	0	MTNPOS_1_UNIT_194RA141_none
1021	Redacted	ok	physical	0	0	OLDRV1_6_SOLAR_194RA141_none
1022	Redacted	ok	physical	0	0	MTNPOS_1_UNIT_194RA141_none
1023	Redacted	ok	physical	0	0	MTNPOS_1_UNIT_194RA141_none
1024	Redacted	ok	physical	0	1	Redacted
1025	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
993	0	0	1	1	1	1	1	1	1	1
994	1	75	1	1	1	1	1	1	1	1
995	0	0	1	1	1	1	1	1	1	1
996	0	0	1	1	1	1	1	1	1	1
997	0	0	1	1	1	1	1	1	1	1
998	0	0	1	1	1	1	1	1	1	1
999	0	0	1	1	1	1	1	1	1	1
1000	0	0	1	1	1	1	1	1	1	1
1001	0	0	1	1	1	1	1	1	1	1
1002	0	0	1	1	1	1	1	1	1	1
1003	0	0	1	1	1	1	1	1	1	1
1004	0	0	1	1	1	1	1	1	1	1
1005	0	0	1	1	1	1	1	1	1	1
1006	1	76	1	1	1	1	1	1	1	1
1007	0	0	1	1	1	1	1	1	1	1
1008	0	0	1	1	1	1	1	1	1	1
1009	0	0	1	1	1	1	1	1	1	1
1010	0	0	1	1	1	1	1	1	1	1
1011	0	0	1	1	1	1	1	1	1	1
1012	0	0	1	1	1	1	1	1	1	1
1013	0	0	1	1	1	1	1	1	1	1
1014	0	0	1	1	1	1	1	1	1	1
1015	0	0	1	1	1	1	1	1	1	1
1016	0	0	1	1	1	1	1	1	1	1
1017	0	0	1	1	1	1	1	1	1	1
1018	1	77	1	1	1	1	1	1	1	1
1019	1	78	1	1	1	1	1	1	1	1
1020	1	79	1	1	1	1	1	1	1	1
1021	1	80	1	1	1	1	1	1	1	1
1022	0	0	1	1	1	1	1	1	1	1
1023	0	0	1	1	1	1	1	1	1	1
1024	1	81	1	1	1	1	1	1	1	1
1025	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1026	SVCEA	MTNPOS_1_UNIT	194RA143	2020	2	0	Redacted		online	
1027	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	1	6	Redacted		development	
1028	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	2	6	Redacted		development	
1029	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	3	6	Redacted		development	
1030	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	4	5	Redacted		development	
1031	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	5	5	Redacted		development	
1032	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	6	4	Redacted		development	
1033	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	7	3	Redacted		development	
1034	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	8	3	Redacted		development	
1035	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	9	4	Redacted		development	
1036	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	10	5	Redacted		development	
1037	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	11	5	Redacted		development	
1038	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	12	6	Redacted		development	
1039	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	1	6	Redacted		development	
1040	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	2	6	Redacted		development	
1041	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	3	6	Redacted		development	
1042	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	4	5	Redacted		development	
1043	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	5	5	Redacted		development	
1044	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	6	4	Redacted		development	
1045	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	7	3	Redacted		development	
1046	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	8	3	Redacted		development	
1047	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	9	4	Redacted		development	
1048	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	10	5	Redacted		development	
1049	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	11	5	Redacted		development	
1050	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	12	6	Redacted		development	
1051	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	1	6	Redacted		development	
1052	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	2	6	Redacted		development	
1053	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	3	6	Redacted		development	
1054	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	4	5	Redacted		development	
1055	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	5	5	Redacted		development	
1056	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	6	4	Redacted		development	
1057	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	7	3	Redacted		development	
1058	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	8	3	Redacted		development	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1026	Redacted	Redacted	CAISO_CHP	1	cogen	cogen_2020_2	79%	1	#N/A
1027	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_1	95%	1	#N/A
1028	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_2	92%	1	#N/A
1029	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_3	88%	1	#N/A
1030	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_4	76%	1	#N/A
1031	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_5	74%	1	#N/A
1032	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_6	70%	1	#N/A
1033	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_7	84%	1	#N/A
1034	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_8	82%	1	#N/A
1035	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_9	83%	1	#N/A
1036	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_10	86%	1	#N/A
1037	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_11	93%	1	#N/A
1038	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_12	95%	1	#N/A
1039	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_1	95%	1	#N/A
1040	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_2	92%	1	#N/A
1041	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_3	88%	1	#N/A
1042	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_4	76%	1	#N/A
1043	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_5	74%	1	#N/A
1044	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_6	70%	1	#N/A
1045	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_7	84%	1	#N/A
1046	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_8	82%	1	#N/A
1047	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_9	83%	1	#N/A
1048	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_10	86%	1	#N/A
1049	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_11	93%	1	#N/A
1050	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_12	95%	1	#N/A
1051	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_1	95%	1	#N/A
1052	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_2	92%	1	#N/A
1053	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_3	88%	1	#N/A
1054	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_4	76%	1	#N/A
1055	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_5	74%	1	#N/A
1056	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_6	70%	1	#N/A
1057	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_7	84%	1	#N/A
1058	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_8	82%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1026	Redacted	ok	physical	0	0	MTNPOS_1_UNIT_194RA143_none
1027	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1028	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1029	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1030	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1031	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1032	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1033	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1034	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1035	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1036	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1037	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1038	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1039	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1040	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1041	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1042	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1043	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1044	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1045	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1046	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1047	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1048	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1049	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1050	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1051	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1052	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1053	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1054	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1055	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1056	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1057	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1058	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1026	1	82	1	1	1	1	1	1	1	1
1027	1	83	1	1	1	1	1	1	1	1
1028	0	0	1	1	1	1	1	1	1	1
1029	0	0	1	1	1	1	1	1	1	1
1030	0	0	1	1	1	1	1	1	1	1
1031	0	0	1	1	1	1	1	1	1	1
1032	0	0	1	1	1	1	1	1	1	1
1033	0	0	1	1	1	1	1	1	1	1
1034	0	0	1	1	1	1	1	1	1	1
1035	0	0	1	1	1	1	1	1	1	1
1036	0	0	1	1	1	1	1	1	1	1
1037	0	0	1	1	1	1	1	1	1	1
1038	0	0	1	1	1	1	1	1	1	1
1039	0	0	1	1	1	1	1	1	1	1
1040	0	0	1	1	1	1	1	1	1	1
1041	0	0	1	1	1	1	1	1	1	1
1042	0	0	1	1	1	1	1	1	1	1
1043	0	0	1	1	1	1	1	1	1	1
1044	0	0	1	1	1	1	1	1	1	1
1045	0	0	1	1	1	1	1	1	1	1
1046	0	0	1	1	1	1	1	1	1	1
1047	0	0	1	1	1	1	1	1	1	1
1048	0	0	1	1	1	1	1	1	1	1
1049	0	0	1	1	1	1	1	1	1	1
1050	0	0	1	1	1	1	1	1	1	1
1051	0	0	1	1	1	1	1	1	1	1
1052	0	0	1	1	1	1	1	1	1	1
1053	0	0	1	1	1	1	1	1	1	1
1054	0	0	1	1	1	1	1	1	1	1
1055	0	0	1	1	1	1	1	1	1	1
1056	0	0	1	1	1	1	1	1	1	1
1057	0	0	1	1	1	1	1	1	1	1
1058	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1059	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	9	4	Redacted		development	
1060	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	10	5	Redacted		development	
1061	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	11	5	Redacted		development	
1062	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	12	6	Redacted		development	
1063	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	1	6	Redacted		development	
1064	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	2	6	Redacted		development	
1065	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	3	6	Redacted		development	
1066	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	4	5	Redacted		development	
1067	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	5	5	Redacted		development	
1068	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	6	4	Redacted		development	
1069	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	7	3	Redacted		development	
1070	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	8	3	Redacted		development	
1071	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	9	4	Redacted		development	
1072	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	10	5	Redacted		development	
1073	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	11	5	Redacted		development	
1074	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	12	6	Redacted		development	
1075	SVCEA	BLM_2_UNITS	201BE062	2022	1	34	Redacted		online	
1076	SVCEA	BLM_2_UNITS	201BE062	2022	2	30	Redacted		online	
1077	SVCEA	BLM_2_UNITS	201BE062	2022	3	33	Redacted		online	
1078	SVCEA	BLM_2_UNITS	201BE062	2022	4	30	Redacted		online	
1079	SVCEA	BLM_2_UNITS	201BE062	2022	5	32	Redacted		online	
1080	SVCEA	BLM_2_UNITS	201BE062	2022	6	32	Redacted		online	
1081	SVCEA	BLM_2_UNITS	201BE062	2022	7	32	Redacted		online	
1082	SVCEA	BLM_2_UNITS	201BE062	2022	8	32	Redacted		online	
1083	SVCEA	BLM_2_UNITS	201BE062	2022	9	32	Redacted		online	
1084	SVCEA	BLM_2_UNITS	201BE062	2022	10	33	Redacted		online	
1085	SVCEA	BLM_2_UNITS	201BE062	2022	11	33	Redacted		online	
1086	SVCEA	BLM_2_UNITS	201BE062	2022	12	34	Redacted		online	
1087	SVCEA	BLM_2_UNITS	201BE062	2023	1	34	Redacted		online	
1088	SVCEA	BLM_2_UNITS	201BE062	2023	2	30	Redacted		online	
1089	SVCEA	BLM_2_UNITS	201BE062	2023	3	33	Redacted		online	
1090	SVCEA	BLM_2_UNITS	201BE062	2023	4	30	Redacted		online	
1091	SVCEA	BLM_2_UNITS	201BE062	2023	5	32	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1059	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_9	83%	1	#N/A
1060	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_10	86%	1	#N/A
1061	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_11	93%	1	#N/A
1062	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_12	95%	1	#N/A
1063	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_1	95%	1	#N/A
1064	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_2	92%	1	#N/A
1065	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_3	88%	1	#N/A
1066	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_4	76%	1	#N/A
1067	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_5	74%	1	#N/A
1068	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_6	70%	1	#N/A
1069	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_7	84%	1	#N/A
1070	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_8	82%	1	#N/A
1071	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_9	83%	1	#N/A
1072	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_10	86%	1	#N/A
1073	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_11	93%	1	#N/A
1074	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_12	95%	1	#N/A
1075	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_1	95%	1	#N/A
1076	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_2	92%	1	#N/A
1077	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_3	88%	1	#N/A
1078	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_4	76%	1	#N/A
1079	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_5	74%	1	#N/A
1080	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_6	70%	1	#N/A
1081	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_7	84%	1	#N/A
1082	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_8	82%	1	#N/A
1083	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_9	83%	1	#N/A
1084	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_10	86%	1	#N/A
1085	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_11	93%	1	#N/A
1086	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_12	95%	1	#N/A
1087	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_1	95%	1	#N/A
1088	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_2	92%	1	#N/A
1089	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_3	88%	1	#N/A
1090	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_4	76%	1	#N/A
1091	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_5	74%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1059	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1060	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1061	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1062	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1063	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1064	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1065	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1066	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1067	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1068	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1069	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1070	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1071	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1072	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1073	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1074	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1075	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1076	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1077	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1078	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1079	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1080	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1081	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1082	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1083	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1084	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1085	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1086	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1087	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1088	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1089	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1090	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1091	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1059	0	0	1	1	1	1	1	1	1	1
1060	0	0	1	1	1	1	1	1	1	1
1061	0	0	1	1	1	1	1	1	1	1
1062	0	0	1	1	1	1	1	1	1	1
1063	0	0	1	1	1	1	1	1	1	1
1064	0	0	1	1	1	1	1	1	1	1
1065	0	0	1	1	1	1	1	1	1	1
1066	0	0	1	1	1	1	1	1	1	1
1067	0	0	1	1	1	1	1	1	1	1
1068	0	0	1	1	1	1	1	1	1	1
1069	0	0	1	1	1	1	1	1	1	1
1070	0	0	1	1	1	1	1	1	1	1
1071	0	0	1	1	1	1	1	1	1	1
1072	0	0	1	1	1	1	1	1	1	1
1073	0	0	1	1	1	1	1	1	1	1
1074	0	0	1	1	1	1	1	1	1	1
1075	1	84	1	1	1	1	1	1	1	1
1076	0	0	1	1	1	1	1	1	1	1
1077	0	0	1	1	1	1	1	1	1	1
1078	0	0	1	1	1	1	1	1	1	1
1079	0	0	1	1	1	1	1	1	1	1
1080	0	0	1	1	1	1	1	1	1	1
1081	0	0	1	1	1	1	1	1	1	1
1082	0	0	1	1	1	1	1	1	1	1
1083	0	0	1	1	1	1	1	1	1	1
1084	0	0	1	1	1	1	1	1	1	1
1085	0	0	1	1	1	1	1	1	1	1
1086	0	0	1	1	1	1	1	1	1	1
1087	0	0	1	1	1	1	1	1	1	1
1088	0	0	1	1	1	1	1	1	1	1
1089	0	0	1	1	1	1	1	1	1	1
1090	0	0	1	1	1	1	1	1	1	1
1091	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1092	SVCEA	BLM_2_UNITS	201BE062	2023	6	31	Redacted		online	
1093	SVCEA	BLM_2_UNITS	201BE062	2023	7	32	Redacted		online	
1094	SVCEA	BLM_2_UNITS	201BE062	2023	8	32	Redacted		online	
1095	SVCEA	BLM_2_UNITS	201BE062	2023	9	31	Redacted		online	
1096	SVCEA	BLM_2_UNITS	201BE062	2023	10	33	Redacted		online	
1097	SVCEA	BLM_2_UNITS	201BE062	2023	11	32	Redacted		online	
1098	SVCEA	BLM_2_UNITS	201BE062	2023	12	33	Redacted		online	
1099	SVCEA	BLM_2_UNITS	201BE062	2024	1	33	Redacted		online	
1100	SVCEA	BLM_2_UNITS	201BE062	2024	2	31	Redacted		online	
1101	SVCEA	BLM_2_UNITS	201BE062	2024	3	33	Redacted		online	
1102	SVCEA	BLM_2_UNITS	201BE062	2024	4	30	Redacted		online	
1103	SVCEA	BLM_2_UNITS	201BE062	2024	5	31	Redacted		online	
1104	SVCEA	BLM_2_UNITS	201BE062	2024	6	31	Redacted		online	
1105	SVCEA	BLM_2_UNITS	201BE062	2024	7	32	Redacted		online	
1106	SVCEA	BLM_2_UNITS	201BE062	2024	8	32	Redacted		online	
1107	SVCEA	BLM_2_UNITS	201BE062	2024	9	31	Redacted		online	
1108	SVCEA	BLM_2_UNITS	201BE062	2024	10	33	Redacted		online	
1109	SVCEA	BLM_2_UNITS	201BE062	2024	11	32	Redacted		online	
1110	SVCEA	BLM_2_UNITS	201BE062	2024	12	33	Redacted		online	
1111	SVCEA	BLM_2_UNITS	201BE062	2025	1	33	Redacted		online	
1112	SVCEA	BLM_2_UNITS	201BE062	2025	2	30	Redacted		online	
1113	SVCEA	BLM_2_UNITS	201BE062	2025	3	32	Redacted		online	
1114	SVCEA	BLM_2_UNITS	201BE062	2025	4	29	Redacted		online	
1115	SVCEA	BLM_2_UNITS	201BE062	2025	5	31	Redacted		online	
1116	SVCEA	BLM_2_UNITS	201BE062	2025	6	31	Redacted		online	
1117	SVCEA	BLM_2_UNITS	201BE062	2025	7	32	Redacted		online	
1118	SVCEA	BLM_2_UNITS	201BE062	2025	8	31	Redacted		online	
1119	SVCEA	BLM_2_UNITS	201BE062	2025	9	31	Redacted		online	
1120	SVCEA	BLM_2_UNITS	201BE062	2025	10	32	Redacted		online	
1121	SVCEA	BLM_2_UNITS	201BE062	2025	11	32	Redacted		online	
1122	SVCEA	BLM_2_UNITS	201BE062	2025	12	33	Redacted		online	
1123	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
1124	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1092	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_6	70%	1	#N/A
1093	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_7	84%	1	#N/A
1094	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_8	82%	1	#N/A
1095	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_9	83%	1	#N/A
1096	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_10	86%	1	#N/A
1097	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_11	93%	1	#N/A
1098	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_12	95%	1	#N/A
1099	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_1	95%	1	#N/A
1100	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_2	92%	1	#N/A
1101	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_3	88%	1	#N/A
1102	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_4	76%	1	#N/A
1103	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_5	74%	1	#N/A
1104	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_6	70%	1	#N/A
1105	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_7	84%	1	#N/A
1106	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_8	82%	1	#N/A
1107	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_9	83%	1	#N/A
1108	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_10	86%	1	#N/A
1109	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_11	93%	1	#N/A
1110	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_12	95%	1	#N/A
1111	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_1	95%	1	#N/A
1112	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_2	92%	1	#N/A
1113	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_3	88%	1	#N/A
1114	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_4	76%	1	#N/A
1115	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_5	74%	1	#N/A
1116	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_6	70%	1	#N/A
1117	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_7	84%	1	#N/A
1118	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_8	82%	1	#N/A
1119	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_9	83%	1	#N/A
1120	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_10	86%	1	#N/A
1121	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_11	93%	1	#N/A
1122	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_12	95%	1	#N/A
1123	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1124	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1092	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1093	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1094	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1095	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1096	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1097	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1098	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1099	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1100	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1101	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1102	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1103	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1104	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1105	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1106	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1107	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1108	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1109	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1110	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1111	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1112	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1113	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1114	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1115	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1116	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1117	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1118	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1119	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1120	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1121	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1122	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1123	Redacted	ok	special	0	1	Redacted
1124	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1092	0	0	1	1	1	1	1	1	1	1
1093	0	0	1	1	1	1	1	1	1	1
1094	0	0	1	1	1	1	1	1	1	1
1095	0	0	1	1	1	1	1	1	1	1
1096	0	0	1	1	1	1	1	1	1	1
1097	0	0	1	1	1	1	1	1	1	1
1098	0	0	1	1	1	1	1	1	1	1
1099	0	0	1	1	1	1	1	1	1	1
1100	0	0	1	1	1	1	1	1	1	1
1101	0	0	1	1	1	1	1	1	1	1
1102	0	0	1	1	1	1	1	1	1	1
1103	0	0	1	1	1	1	1	1	1	1
1104	0	0	1	1	1	1	1	1	1	1
1105	0	0	1	1	1	1	1	1	1	1
1106	0	0	1	1	1	1	1	1	1	1
1107	0	0	1	1	1	1	1	1	1	1
1108	0	0	1	1	1	1	1	1	1	1
1109	0	0	1	1	1	1	1	1	1	1
1110	0	0	1	1	1	1	1	1	1	1
1111	0	0	1	1	1	1	1	1	1	1
1112	0	0	1	1	1	1	1	1	1	1
1113	0	0	1	1	1	1	1	1	1	1
1114	0	0	1	1	1	1	1	1	1	1
1115	0	0	1	1	1	1	1	1	1	1
1116	0	0	1	1	1	1	1	1	1	1
1117	0	0	1	1	1	1	1	1	1	1
1118	0	0	1	1	1	1	1	1	1	1
1119	0	0	1	1	1	1	1	1	1	1
1120	0	0	1	1	1	1	1	1	1	1
1121	0	0	1	1	1	1	1	1	1	1
1122	0	0	1	1	1	1	1	1	1	1
1123	1	85	1	1	1	1	1	1	1	1
1124	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1125	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1126	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1127	SVCEA	sellers_choice	201RA145	2020	3	0	Redacted		online	
1128	SVCEA	sellers_choice	201RA145	2020	4	0	Redacted		online	
1129	SVCEA	sellers_choice	201RA145	2020	5	0	Redacted		online	
1130	SVCEA	sellers_choice	201RA145	2020	6	0	Redacted		online	
1131	SVCEA	sellers_choice	201RA145	2020	7	0	Redacted		online	
1132	SVCEA	sellers_choice	201RA145	2020	7	0	Redacted		online	
1133	SVCEA	sellers_choice	201RA145	2020	8	0	Redacted		online	
1134	SVCEA	DELTA_2_PL1X4	201RA146	2020	5	0	Redacted		online	
1135	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
1136	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
1137	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1138	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
1139	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
1140	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
1141	SVCEA	COLGAT_7_UNIT 1	201RA150	2020	4	0	Redacted		online	
1142	SVCEA	COLGAT_7_UNIT 1	201RA150	2020	11	0	Redacted		online	
1143	SVCEA	COLGAT_7_UNIT 1	201RA150	2020	12	0	Redacted		online	
1144	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
1145	SVCEA	PNOCHE_1_PL1X2	201RA152	2020	4	0	Redacted		online	
1146	SVCEA	OLDRV1_6_SOLAR	201RA153	2020	6	0	Redacted		online	
1147	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
1148	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
1149	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
1150	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
1151	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
1152	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
1153	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
1154	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
1155	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
1156	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
1157	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1125	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1126	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1127	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_3	0%	1	#N/A
1128	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_4	0%	1	#N/A
1129	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_5	0%	1	#N/A
1130	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_6	0%	1	#N/A
1131	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_7	0%	1	#N/A
1132	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_7	0%	1	#N/A
1133	Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_8	0%	1	#N/A
1134	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	100%	1	#N/A
1135	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1136	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1137	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1138	Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1	#N/A
1139	Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1	#N/A
1140	Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1	#N/A
1141	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_4	72%	1	#N/A
1142	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_11	56%	1	#N/A
1143	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_12	64%	1	#N/A
1144	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1145	Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_4	100%	1	#N/A
1146	Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_6	31%	1	#N/A
1147	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1148	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1149	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1150	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1151	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1152	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1153	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1154	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1155	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1156	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1157	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1125	Redacted	ok	special	0	1	Redacted
1126	Redacted	ok	special	0	1	Redacted
1127	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1128	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1129	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1130	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1131	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1132	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1133	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1134	Redacted	ok	physical	0	0	DELTA_2_PL1X4_201RA146_none
1135	Redacted	ok	physical	0	1	Redacted
1136	Redacted	ok	physical	0	1	Redacted
1137	Redacted	ok	existing_generic	0	1	Redacted
1138	Redacted	ok	physical	0	1	Redacted
1139	Redacted	ok	physical	0	1	Redacted
1140	Redacted	ok	physical	0	1	Redacted
1141	Redacted	ok	physical	0	0	COLGAT_7_UNIT 1_201RA150_none
1142	Redacted	ok	physical	0	0	COLGAT_7_UNIT 1_201RA150_none
1143	Redacted	ok	physical	0	0	COLGAT_7_UNIT 1_201RA150_none
1144	Redacted	ok	physical	0	1	Redacted
1145	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_201RA152_none
1146	Redacted	ok	physical	0	0	OLDRV1_6_SOLAR_201RA153_none
1147	Redacted	ok	physical	0	1	Redacted
1148	Redacted	ok	physical	0	1	Redacted
1149	Redacted	ok	physical	0	1	Redacted
1150	Redacted	ok	physical	0	1	Redacted
1151	Redacted	ok	physical	0	1	Redacted
1152	Redacted	ok	physical	0	1	Redacted
1153	Redacted	ok	physical	0	1	Redacted
1154	Redacted	ok	physical	0	1	Redacted
1155	Redacted	ok	physical	0	1	Redacted
1156	Redacted	ok	physical	0	1	Redacted
1157	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1125	0	0	1	1	1	1	1	1	1	1
1126	0	0	1	1	1	1	1	1	1	1
1127	1	86	1	1	1	1	1	1	1	1
1128	0	0	1	1	1	1	1	1	1	1
1129	0	0	1	1	1	1	1	1	1	1
1130	0	0	1	1	1	1	1	1	1	1
1131	0	0	1	1	1	1	1	1	1	1
1132	0	0	1	1	1	1	1	1	1	1
1133	0	0	1	1	1	1	1	1	1	1
1134	1	87	1	1	1	1	1	1	1	1
1135	1	88	1	1	1	1	1	1	1	1
1136	0	0	1	1	1	1	1	1	1	1
1137	1	89	1	1	1	1	1	1	1	1
1138	1	90	1	1	1	1	1	1	1	1
1139	0	0	1	1	1	1	1	1	1	1
1140	0	0	1	1	1	1	1	1	1	1
1141	1	91	1	1	1	1	1	1	1	1
1142	0	0	1	1	1	1	1	1	1	1
1143	0	0	1	1	1	1	1	1	1	1
1144	1	92	1	1	1	1	1	1	1	1
1145	1	93	1	1	1	1	1	1	1	1
1146	1	94	1	1	1	1	1	1	1	1
1147	1	95	1	1	1	1	1	1	1	1
1148	0	0	1	1	1	1	1	1	1	1
1149	0	0	1	1	1	1	1	1	1	1
1150	0	0	1	1	1	1	1	1	1	1
1151	0	0	1	1	1	1	1	1	1	1
1152	0	0	1	1	1	1	1	1	1	1
1153	0	0	1	1	1	1	1	1	1	1
1154	0	0	1	1	1	1	1	1	1	1
1155	0	0	1	1	1	1	1	1	1	1
1156	0	0	1	1	1	1	1	1	1	1
1157	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1158	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
1159	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
1160	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
1161	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
1162	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
1163	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
1164	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
1165	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
1166	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
1167	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
1168	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
1169	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
1170	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
1171	SVCEA	Redacted	Redacted	2023	1	0	Redacted		online	
1172	SVCEA	Redacted	Redacted	2023	2	0	Redacted		online	
1173	SVCEA	Redacted	Redacted	2023	3	0	Redacted		online	
1174	SVCEA	Redacted	Redacted	2023	4	0	Redacted		online	
1175	SVCEA	Redacted	Redacted	2023	5	0	Redacted		online	
1176	SVCEA	Redacted	Redacted	2023	6	0	Redacted		online	
1177	SVCEA	Redacted	Redacted	2023	7	0	Redacted		online	
1178	SVCEA	Redacted	Redacted	2023	8	0	Redacted		online	
1179	SVCEA	Redacted	Redacted	2023	9	0	Redacted		online	
1180	SVCEA	Redacted	Redacted	2023	10	0	Redacted		online	
1181	SVCEA	Redacted	Redacted	2023	11	0	Redacted		online	
1182	SVCEA	Redacted	Redacted	2023	12	0	Redacted		online	
1183	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1184	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1185	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1186	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
1187	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
1188	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
1189	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
1190	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1158	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1159	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1160	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1161	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1162	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1163	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1164	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1165	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1166	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1167	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1168	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1169	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1170	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1171	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1172	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1173	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1174	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1175	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1176	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1177	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1178	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1179	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1180	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1181	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1182	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1183	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1184	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1185	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1186	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1187	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1188	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1189	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1190	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1158	Redacted	ok	physical	0	1	Redacted
1159	Redacted	ok	physical	0	1	Redacted
1160	Redacted	ok	physical	0	1	Redacted
1161	Redacted	ok	physical	0	1	Redacted
1162	Redacted	ok	physical	0	1	Redacted
1163	Redacted	ok	physical	0	1	Redacted
1164	Redacted	ok	physical	0	1	Redacted
1165	Redacted	ok	physical	0	1	Redacted
1166	Redacted	ok	physical	0	1	Redacted
1167	Redacted	ok	physical	0	1	Redacted
1168	Redacted	ok	physical	0	1	Redacted
1169	Redacted	ok	physical	0	1	Redacted
1170	Redacted	ok	physical	0	1	Redacted
1171	Redacted	ok	physical	0	1	Redacted
1172	Redacted	ok	physical	0	1	Redacted
1173	Redacted	ok	physical	0	1	Redacted
1174	Redacted	ok	physical	0	1	Redacted
1175	Redacted	ok	physical	0	1	Redacted
1176	Redacted	ok	physical	0	1	Redacted
1177	Redacted	ok	physical	0	1	Redacted
1178	Redacted	ok	physical	0	1	Redacted
1179	Redacted	ok	physical	0	1	Redacted
1180	Redacted	ok	physical	0	1	Redacted
1181	Redacted	ok	physical	0	1	Redacted
1182	Redacted	ok	physical	0	1	Redacted
1183	Redacted	ok	special	0	1	Redacted
1184	Redacted	ok	special	0	1	Redacted
1185	Redacted	ok	special	0	1	Redacted
1186	Redacted	ok	special	0	1	Redacted
1187	Redacted	ok	physical	0	1	Redacted
1188	Redacted	ok	physical	0	1	Redacted
1189	Redacted	ok	physical	0	1	Redacted
1190	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1158	0	0	1	1	1	1	1	1	1	1
1159	0	0	1	1	1	1	1	1	1	1
1160	0	0	1	1	1	1	1	1	1	1
1161	0	0	1	1	1	1	1	1	1	1
1162	0	0	1	1	1	1	1	1	1	1
1163	0	0	1	1	1	1	1	1	1	1
1164	0	0	1	1	1	1	1	1	1	1
1165	0	0	1	1	1	1	1	1	1	1
1166	0	0	1	1	1	1	1	1	1	1
1167	0	0	1	1	1	1	1	1	1	1
1168	0	0	1	1	1	1	1	1	1	1
1169	0	0	1	1	1	1	1	1	1	1
1170	0	0	1	1	1	1	1	1	1	1
1171	0	0	1	1	1	1	1	1	1	1
1172	0	0	1	1	1	1	1	1	1	1
1173	0	0	1	1	1	1	1	1	1	1
1174	0	0	1	1	1	1	1	1	1	1
1175	0	0	1	1	1	1	1	1	1	1
1176	0	0	1	1	1	1	1	1	1	1
1177	0	0	1	1	1	1	1	1	1	1
1178	0	0	1	1	1	1	1	1	1	1
1179	0	0	1	1	1	1	1	1	1	1
1180	0	0	1	1	1	1	1	1	1	1
1181	0	0	1	1	1	1	1	1	1	1
1182	0	0	1	1	1	1	1	1	1	1
1183	1	96	1	1	1	1	1	1	1	1
1184	1	97	1	1	1	1	1	1	1	1
1185	0	0	1	1	1	1	1	1	1	1
1186	0	0	1	1	1	1	1	1	1	1
1187	1	98	1	1	1	1	1	1	1	1
1188	0	0	1	1	1	1	1	1	1	1
1189	0	0	1	1	1	1	1	1	1	1
1190	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1191	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
1192	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
1193	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
1194	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
1195	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
1196	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
1197	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
1198	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
1199	SVCEA	New_Hybrid	202BE065	2022	6	1	Redacted		development	2.5
1200	SVCEA	New_Hybrid	202BE065	2022	7	14	Redacted		development	2.5
1201	SVCEA	New_Hybrid	202BE065	2022	8	13	Redacted		development	2.5
1202	SVCEA	New_Hybrid	202BE065	2022	9	11	Redacted		development	2.5
1203	SVCEA	New_Hybrid	202BE065	2022	10	9	Redacted		development	2.5
1204	SVCEA	New_Hybrid	202BE065	2022	11	7	Redacted		development	2.5
1205	SVCEA	New_Hybrid	202BE065	2022	12	5	Redacted		development	2.5
1206	SVCEA	New_Hybrid	202BE065	2023	1	6	Redacted		development	2.5
1207	SVCEA	New_Hybrid	202BE065	2023	2	6	Redacted		development	2.5
1208	SVCEA	New_Hybrid	202BE065	2023	3	10	Redacted		development	2.5
1209	SVCEA	New_Hybrid	202BE065	2023	4	11	Redacted		development	2.5
1210	SVCEA	New_Hybrid	202BE065	2023	5	13	Redacted		development	2.5
1211	SVCEA	New_Hybrid	202BE065	2023	6	14	Redacted		development	2.5
1212	SVCEA	New_Hybrid	202BE065	2023	7	14	Redacted		development	2.5
1213	SVCEA	New_Hybrid	202BE065	2023	8	13	Redacted		development	2.5
1214	SVCEA	New_Hybrid	202BE065	2023	9	11	Redacted		development	2.5
1215	SVCEA	New_Hybrid	202BE065	2023	10	9	Redacted		development	2.5
1216	SVCEA	New_Hybrid	202BE065	2023	11	6	Redacted		development	2.5
1217	SVCEA	New_Hybrid	202BE065	2023	12	5	Redacted		development	2.5
1218	SVCEA	New_Hybrid	202BE065	2024	1	6	Redacted		development	2.5
1219	SVCEA	New_Hybrid	202BE065	2024	2	7	Redacted		development	2.5
1220	SVCEA	New_Hybrid	202BE065	2024	3	10	Redacted		development	2.5
1221	SVCEA	New_Hybrid	202BE065	2024	4	11	Redacted		development	2.5
1222	SVCEA	New_Hybrid	202BE065	2024	5	13	Redacted		development	2.5
1223	SVCEA	New_Hybrid	202BE065	2024	6	14	Redacted		development	2.5

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1191	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1192	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1193	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1194	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1195	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1196	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1197	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1198	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1199	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_6	0%	1	#N/A
1200	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_7	0%	1	#N/A
1201	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_8	0%	1	#N/A
1202	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_9	0%	1	#N/A
1203	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_10	0%	1	#N/A
1204	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_11	0%	1	#N/A
1205	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_12	0%	1	#N/A
1206	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_1	0%	1	#N/A
1207	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_2	0%	1	#N/A
1208	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_3	0%	1	#N/A
1209	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_4	0%	1	#N/A
1210	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_5	0%	1	#N/A
1211	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1	#N/A
1212	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1	#N/A
1213	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1	#N/A
1214	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1	#N/A
1215	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1	#N/A
1216	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1	#N/A
1217	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1	#N/A
1218	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1	#N/A
1219	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1	#N/A
1220	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1	#N/A
1221	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1	#N/A
1222	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1	#N/A
1223	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1191	Redacted	ok	physical	0	1	Redacted
1192	Redacted	ok	physical	0	1	Redacted
1193	Redacted	ok	physical	0	1	Redacted
1194	Redacted	ok	physical	0	1	Redacted
1195	Redacted	ok	physical	0	1	Redacted
1196	Redacted	ok	physical	0	1	Redacted
1197	Redacted	ok	physical	0	1	Redacted
1198	Redacted	ok	physical	0	1	Redacted
1199	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1200	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1201	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1202	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1203	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1204	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1205	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1206	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1207	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1208	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1209	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1210	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1211	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1212	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1213	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1214	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1215	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1216	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1217	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1218	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1219	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1220	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1221	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1222	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1223	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1191	0	0	1	1	1	1	1	1	1	1
1192	0	0	1	1	1	1	1	1	1	1
1193	0	0	1	1	1	1	1	1	1	1
1194	0	0	1	1	1	1	1	1	1	1
1195	0	0	1	1	1	1	1	1	1	1
1196	0	0	1	1	1	1	1	1	1	1
1197	0	0	1	1	1	1	1	1	1	1
1198	0	0	1	1	1	1	1	1	1	1
1199	1	99	1	1	1	1	1	1	1	1
1200	0	0	1	1	1	1	1	1	1	1
1201	0	0	1	1	1	1	1	1	1	1
1202	0	0	1	1	1	1	1	1	1	1
1203	0	0	1	1	1	1	1	1	1	1
1204	0	0	1	1	1	1	1	1	1	1
1205	0	0	1	1	1	1	1	1	1	1
1206	0	0	1	1	1	1	1	1	1	1
1207	0	0	1	1	1	1	1	1	1	1
1208	0	0	1	1	1	1	1	1	1	1
1209	0	0	1	1	1	1	1	1	1	1
1210	0	0	1	1	1	1	1	1	1	1
1211	0	0	1	1	1	1	1	1	1	1
1212	0	0	1	1	1	1	1	1	1	1
1213	0	0	1	1	1	1	1	1	1	1
1214	0	0	1	1	1	1	1	1	1	1
1215	0	0	1	1	1	1	1	1	1	1
1216	0	0	1	1	1	1	1	1	1	1
1217	0	0	1	1	1	1	1	1	1	1
1218	0	0	1	1	1	1	1	1	1	1
1219	0	0	1	1	1	1	1	1	1	1
1220	0	0	1	1	1	1	1	1	1	1
1221	0	0	1	1	1	1	1	1	1	1
1222	0	0	1	1	1	1	1	1	1	1
1223	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1224	SVCEA	New_Hybrid	202BE065	2024	7	14	Redacted		development	2.5
1225	SVCEA	New_Hybrid	202BE065	2024	8	13	Redacted		development	2.5
1226	SVCEA	New_Hybrid	202BE065	2024	9	11	Redacted		development	2.5
1227	SVCEA	New_Hybrid	202BE065	2024	10	9	Redacted		development	2.5
1228	SVCEA	New_Hybrid	202BE065	2024	11	6	Redacted		development	2.5
1229	SVCEA	New_Hybrid	202BE065	2024	12	5	Redacted		development	2.5
1230	SVCEA	New_Hybrid	202BE065	2025	1	6	Redacted		development	2.5
1231	SVCEA	New_Hybrid	202BE065	2025	2	6	Redacted		development	2.5
1232	SVCEA	New_Hybrid	202BE065	2025	3	10	Redacted		development	2.5
1233	SVCEA	New_Hybrid	202BE065	2025	4	11	Redacted		development	2.5
1234	SVCEA	New_Hybrid	202BE065	2025	5	13	Redacted		development	2.5
1235	SVCEA	New_Hybrid	202BE065	2025	6	14	Redacted		development	2.5
1236	SVCEA	New_Hybrid	202BE065	2025	7	14	Redacted		development	2.5
1237	SVCEA	New_Hybrid	202BE065	2025	8	13	Redacted		development	2.5
1238	SVCEA	New_Hybrid	202BE065	2025	9	11	Redacted		development	2.5
1239	SVCEA	New_Hybrid	202BE065	2025	10	9	Redacted		development	2.5
1240	SVCEA	New_Hybrid	202BE065	2025	11	6	Redacted		development	2.5
1241	SVCEA	New_Hybrid	202BE065	2025	12	5	Redacted		development	2.5
1242	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
1243	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
1244	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
1245	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
1246	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
1247	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
1248	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
1249	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
1250	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
1251	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
1252	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
1253	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
1254	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
1255	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
1256	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1224	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1	#N/A
1225	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1	#N/A
1226	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1	#N/A
1227	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1	#N/A
1228	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1	#N/A
1229	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1	#N/A
1230	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1	#N/A
1231	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1	#N/A
1232	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1	#N/A
1233	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1	#N/A
1234	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1	#N/A
1235	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1	#N/A
1236	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1	#N/A
1237	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1	#N/A
1238	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1	#N/A
1239	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1	#N/A
1240	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1	#N/A
1241	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1	#N/A
1242	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1243	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
1244	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
1245	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1246	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1247	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1248	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1249	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1250	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1251	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1252	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1253	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1254	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1255	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1256	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1224	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1225	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1226	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1227	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1228	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1229	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1230	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1231	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1232	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1233	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1234	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1235	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1236	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1237	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1238	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1239	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1240	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1241	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1242	Redacted	ok	special	0	1	Redacted
1243	Redacted	ok	existing_generic	0	1	Redacted
1244	Redacted	ok	existing_generic	0	1	Redacted
1245	Redacted	ok	physical	0	1	Redacted
1246	Redacted	ok	physical	0	1	Redacted
1247	Redacted	ok	physical	0	1	Redacted
1248	Redacted	ok	physical	0	1	Redacted
1249	Redacted	ok	physical	0	1	Redacted
1250	Redacted	ok	physical	0	1	Redacted
1251	Redacted	ok	physical	0	1	Redacted
1252	Redacted	ok	physical	0	1	Redacted
1253	Redacted	ok	physical	0	1	Redacted
1254	Redacted	ok	physical	0	1	Redacted
1255	Redacted	ok	physical	0	1	Redacted
1256	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1224	0	0	1	1	1	1	1	1	1	1
1225	0	0	1	1	1	1	1	1	1	1
1226	0	0	1	1	1	1	1	1	1	1
1227	0	0	1	1	1	1	1	1	1	1
1228	0	0	1	1	1	1	1	1	1	1
1229	0	0	1	1	1	1	1	1	1	1
1230	0	0	1	1	1	1	1	1	1	1
1231	0	0	1	1	1	1	1	1	1	1
1232	0	0	1	1	1	1	1	1	1	1
1233	0	0	1	1	1	1	1	1	1	1
1234	0	0	1	1	1	1	1	1	1	1
1235	0	0	1	1	1	1	1	1	1	1
1236	0	0	1	1	1	1	1	1	1	1
1237	0	0	1	1	1	1	1	1	1	1
1238	0	0	1	1	1	1	1	1	1	1
1239	0	0	1	1	1	1	1	1	1	1
1240	0	0	1	1	1	1	1	1	1	1
1241	0	0	1	1	1	1	1	1	1	1
1242	1	100	1	1	1	1	1	1	1	1
1243	1	101	1	1	1	1	1	1	1	1
1244	1	102	1	1	1	1	1	1	1	1
1245	1	103	1	1	1	1	1	1	1	1
1246	0	0	1	1	1	1	1	1	1	1
1247	0	0	1	1	1	1	1	1	1	1
1248	0	0	1	1	1	1	1	1	1	1
1249	0	0	1	1	1	1	1	1	1	1
1250	0	0	1	1	1	1	1	1	1	1
1251	0	0	1	1	1	1	1	1	1	1
1252	0	0	1	1	1	1	1	1	1	1
1253	0	0	1	1	1	1	1	1	1	1
1254	0	0	1	1	1	1	1	1	1	1
1255	0	0	1	1	1	1	1	1	1	1
1256	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1257	SVCEA	Redacted	Redacted	2023	1	0	Redacted		online	
1258	SVCEA	Redacted	Redacted	2023	2	0	Redacted		online	
1259	SVCEA	Redacted	Redacted	2023	3	0	Redacted		online	
1260	SVCEA	Redacted	Redacted	2023	4	0	Redacted		online	
1261	SVCEA	Redacted	Redacted	2023	5	0	Redacted		online	
1262	SVCEA	Redacted	Redacted	2023	6	0	Redacted		online	
1263	SVCEA	Redacted	Redacted	2023	7	0	Redacted		online	
1264	SVCEA	Redacted	Redacted	2023	8	0	Redacted		online	
1265	SVCEA	Redacted	Redacted	2023	9	0	Redacted		online	
1266	SVCEA	Redacted	Redacted	2023	10	0	Redacted		online	
1267	SVCEA	Redacted	Redacted	2023	11	0	Redacted		online	
1268	SVCEA	Redacted	Redacted	2023	12	0	Redacted		online	
1269	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1270	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1271	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1272	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1273	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1274	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1275	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1276	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1277	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1278	SVCEA	DELTA_2_PL1X4	202RA165	2020	8	0	Redacted		online	
1279	SVCEA	New_Hybrid	202BE067	2022	12	8	Redacted		development	4
1280	SVCEA	New_Hybrid	202BE067	2023	1	9	Redacted		development	4
1281	SVCEA	New_Hybrid	202BE067	2023	2	10	Redacted		development	4
1282	SVCEA	New_Hybrid	202BE067	2023	3	14	Redacted		development	4
1283	SVCEA	New_Hybrid	202BE067	2023	4	15	Redacted		development	4
1284	SVCEA	New_Hybrid	202BE067	2023	5	17	Redacted		development	4
1285	SVCEA	New_Hybrid	202BE067	2023	6	18	Redacted		development	4
1286	SVCEA	New_Hybrid	202BE067	2023	7	17	Redacted		development	4
1287	SVCEA	New_Hybrid	202BE067	2023	8	16	Redacted		development	4
1288	SVCEA	New_Hybrid	202BE067	2023	9	15	Redacted		development	4
1289	SVCEA	New_Hybrid	202BE067	2023	10	13	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1257	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1258	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1259	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1260	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1261	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1262	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1263	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1264	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1265	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1266	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1267	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1268	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1269	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
1270	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
1271	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
1272	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
1273	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
1274	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
1275	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
1276	Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1	#N/A
1277	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
1278	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1	#N/A
1279	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_12	0%	1	#N/A
1280	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_1	0%	1	#N/A
1281	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_2	0%	1	#N/A
1282	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_3	0%	1	#N/A
1283	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_4	0%	1	#N/A
1284	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_5	0%	1	#N/A
1285	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1	#N/A
1286	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1	#N/A
1287	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1	#N/A
1288	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1	#N/A
1289	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1257	Redacted	ok	physical	0	1	Redacted
1258	Redacted	ok	physical	0	1	Redacted
1259	Redacted	ok	physical	0	1	Redacted
1260	Redacted	ok	physical	0	1	Redacted
1261	Redacted	ok	physical	0	1	Redacted
1262	Redacted	ok	physical	0	1	Redacted
1263	Redacted	ok	physical	0	1	Redacted
1264	Redacted	ok	physical	0	1	Redacted
1265	Redacted	ok	physical	0	1	Redacted
1266	Redacted	ok	physical	0	1	Redacted
1267	Redacted	ok	physical	0	1	Redacted
1268	Redacted	ok	physical	0	1	Redacted
1269	Redacted	ok	physical	0	1	Redacted
1270	Redacted	ok	physical	0	1	Redacted
1271	Redacted	ok	physical	0	1	Redacted
1272	Redacted	ok	physical	0	1	Redacted
1273	Redacted	ok	physical	0	1	Redacted
1274	Redacted	ok	physical	0	1	Redacted
1275	Redacted	ok	physical	0	1	Redacted
1276	Redacted	ok	physical	0	1	Redacted
1277	Redacted	ok	physical	0	1	Redacted
1278	Redacted	ok	physical	0	0	DELTA_2_PL1X4_202RA165_none
1279	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1280	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1281	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1282	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1283	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1284	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1285	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1286	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1287	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1288	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1289	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1257	0	0	1	1	1	1	1	1	1	1
1258	0	0	1	1	1	1	1	1	1	1
1259	0	0	1	1	1	1	1	1	1	1
1260	0	0	1	1	1	1	1	1	1	1
1261	0	0	1	1	1	1	1	1	1	1
1262	0	0	1	1	1	1	1	1	1	1
1263	0	0	1	1	1	1	1	1	1	1
1264	0	0	1	1	1	1	1	1	1	1
1265	0	0	1	1	1	1	1	1	1	1
1266	0	0	1	1	1	1	1	1	1	1
1267	0	0	1	1	1	1	1	1	1	1
1268	0	0	1	1	1	1	1	1	1	1
1269	1	104	1	1	1	1	1	1	1	1
1270	1	105	1	1	1	1	1	1	1	1
1271	1	106	1	1	1	1	1	1	1	1
1272	1	107	1	1	1	1	1	1	1	1
1273	0	0	1	1	1	1	1	1	1	1
1274	0	0	1	1	1	1	1	1	1	1
1275	0	0	1	1	1	1	1	1	1	1
1276	1	108	1	1	1	1	1	1	1	1
1277	0	0	1	1	1	1	1	1	1	1
1278	1	109	1	1	1	1	1	1	1	1
1279	1	110	1	1	1	1	1	1	1	1
1280	0	0	1	1	1	1	1	1	1	1
1281	0	0	1	1	1	1	1	1	1	1
1282	0	0	1	1	1	1	1	1	1	1
1283	0	0	1	1	1	1	1	1	1	1
1284	0	0	1	1	1	1	1	1	1	1
1285	0	0	1	1	1	1	1	1	1	1
1286	0	0	1	1	1	1	1	1	1	1
1287	0	0	1	1	1	1	1	1	1	1
1288	0	0	1	1	1	1	1	1	1	1
1289	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1290	SVCEA	New_Hybrid	202BE067	2023	11	10	Redacted		development	4
1291	SVCEA	New_Hybrid	202BE067	2023	12	8	Redacted		development	4
1292	SVCEA	New_Hybrid	202BE067	2024	1	9	Redacted		development	4
1293	SVCEA	New_Hybrid	202BE067	2024	2	10	Redacted		development	4
1294	SVCEA	New_Hybrid	202BE067	2024	3	14	Redacted		development	4
1295	SVCEA	New_Hybrid	202BE067	2024	4	15	Redacted		development	4
1296	SVCEA	New_Hybrid	202BE067	2024	5	17	Redacted		development	4
1297	SVCEA	New_Hybrid	202BE067	2024	6	18	Redacted		development	4
1298	SVCEA	New_Hybrid	202BE067	2024	7	17	Redacted		development	4
1299	SVCEA	New_Hybrid	202BE067	2024	8	16	Redacted		development	4
1300	SVCEA	New_Hybrid	202BE067	2024	9	15	Redacted		development	4
1301	SVCEA	New_Hybrid	202BE067	2024	10	13	Redacted		development	4
1302	SVCEA	New_Hybrid	202BE067	2024	11	10	Redacted		development	4
1303	SVCEA	New_Hybrid	202BE067	2024	12	8	Redacted		development	4
1304	SVCEA	New_Hybrid	202BE067	2025	1	9	Redacted		development	4
1305	SVCEA	New_Hybrid	202BE067	2025	2	10	Redacted		development	4
1306	SVCEA	New_Hybrid	202BE067	2025	3	14	Redacted		development	4
1307	SVCEA	New_Hybrid	202BE067	2025	4	15	Redacted		development	4
1308	SVCEA	New_Hybrid	202BE067	2025	5	17	Redacted		development	4
1309	SVCEA	New_Hybrid	202BE067	2025	6	18	Redacted		development	4
1310	SVCEA	New_Hybrid	202BE067	2025	7	17	Redacted		development	4
1311	SVCEA	New_Hybrid	202BE067	2025	8	16	Redacted		development	4
1312	SVCEA	New_Hybrid	202BE067	2025	9	15	Redacted		development	4
1313	SVCEA	New_Hybrid	202BE067	2025	10	13	Redacted		development	4
1314	SVCEA	New_Hybrid	202BE067	2025	11	10	Redacted		development	4
1315	SVCEA	New_Hybrid	202BE067	2025	12	8	Redacted		development	4
1316	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
1317	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
1318	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
1319	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
1320	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
1321	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
1322	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1290	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1	#N/A
1291	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1	#N/A
1292	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1	#N/A
1293	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1	#N/A
1294	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1	#N/A
1295	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1	#N/A
1296	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1	#N/A
1297	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1	#N/A
1298	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1	#N/A
1299	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1	#N/A
1300	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1	#N/A
1301	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1	#N/A
1302	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1	#N/A
1303	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1	#N/A
1304	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1	#N/A
1305	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1	#N/A
1306	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1	#N/A
1307	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1	#N/A
1308	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1	#N/A
1309	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1	#N/A
1310	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1	#N/A
1311	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1	#N/A
1312	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1	#N/A
1313	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1	#N/A
1314	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1	#N/A
1315	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1	#N/A
1316	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1317	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1318	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1319	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1320	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1321	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1322	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1290	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1291	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1292	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1293	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1294	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1295	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1296	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1297	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1298	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1299	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1300	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1301	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1302	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1303	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1304	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1305	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1306	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1307	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1308	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1309	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1310	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1311	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1312	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1313	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1314	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1315	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1316	Redacted	ok	physical	0	1	Redacted
1317	Redacted	ok	physical	0	1	Redacted
1318	Redacted	ok	physical	0	1	Redacted
1319	Redacted	ok	physical	0	1	Redacted
1320	Redacted	ok	physical	0	1	Redacted
1321	Redacted	ok	physical	0	1	Redacted
1322	Redacted	ok	physical	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1290	0	0	1	1	1	1	1	1	1	1
1291	0	0	1	1	1	1	1	1	1	1
1292	0	0	1	1	1	1	1	1	1	1
1293	0	0	1	1	1	1	1	1	1	1
1294	0	0	1	1	1	1	1	1	1	1
1295	0	0	1	1	1	1	1	1	1	1
1296	0	0	1	1	1	1	1	1	1	1
1297	0	0	1	1	1	1	1	1	1	1
1298	0	0	1	1	1	1	1	1	1	1
1299	0	0	1	1	1	1	1	1	1	1
1300	0	0	1	1	1	1	1	1	1	1
1301	0	0	1	1	1	1	1	1	1	1
1302	0	0	1	1	1	1	1	1	1	1
1303	0	0	1	1	1	1	1	1	1	1
1304	0	0	1	1	1	1	1	1	1	1
1305	0	0	1	1	1	1	1	1	1	1
1306	0	0	1	1	1	1	1	1	1	1
1307	0	0	1	1	1	1	1	1	1	1
1308	0	0	1	1	1	1	1	1	1	1
1309	0	0	1	1	1	1	1	1	1	1
1310	0	0	1	1	1	1	1	1	1	1
1311	0	0	1	1	1	1	1	1	1	1
1312	0	0	1	1	1	1	1	1	1	1
1313	0	0	1	1	1	1	1	1	1	1
1314	0	0	1	1	1	1	1	1	1	1
1315	0	0	1	1	1	1	1	1	1	1
1316	1	111	1	1	1	1	1	1	1	1
1317	0	0	1	1	1	1	1	1	1	1
1318	0	0	1	1	1	1	1	1	1	1
1319	0	0	1	1	1	1	1	1	1	1
1320	0	0	1	1	1	1	1	1	1	1
1321	0	0	1	1	1	1	1	1	1	1
1322	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1323	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
1324	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
1325	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
1326	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
1327	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
1328	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
1329	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
1330	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
1331	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
1332	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
1333	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
1334	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
1335	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
1336	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
1337	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
1338	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
1339	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
1340	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1341	SVCEA	DELTA_2_PL1X4	202RA168	2020	8	0	Redacted		online	
1342	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1343	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
1344	SVCEA	DELTA_2_PL1X4	202RA170	2020	8	0	Redacted		online	
1345	SVCEA	DELTA_2_PL1X4	202RA170	2020	12	0	Redacted		online	
1346	SVCEA	New_Hybrid	202BE069	2023	6	1	Redacted		development	3
1347	SVCEA	New_Hybrid	202BE069	2023	7	28	Redacted		development	3
1348	SVCEA	New_Hybrid	202BE069	2023	8	27	Redacted		development	3
1349	SVCEA	New_Hybrid	202BE069	2023	9	24	Redacted		development	3
1350	SVCEA	New_Hybrid	202BE069	2023	10	21	Redacted		development	3
1351	SVCEA	New_Hybrid	202BE069	2023	11	15	Redacted		development	3
1352	SVCEA	New_Hybrid	202BE069	2023	12	14	Redacted		development	3
1353	SVCEA	New_Hybrid	202BE069	2024	1	15	Redacted		development	3
1354	SVCEA	New_Hybrid	202BE069	2024	2	17	Redacted		development	3
1355	SVCEA	New_Hybrid	202BE069	2024	3	23	Redacted		development	3

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1323	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1324	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1325	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1326	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1327	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1328	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1329	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1330	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1331	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1332	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1333	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1334	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1335	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1336	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1337	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1338	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1339	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1340	Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1	#N/A
1341	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1	#N/A
1342	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1343	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1344	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1	#N/A
1345	Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_12	100%	1	#N/A
1346	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1	#N/A
1347	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1	#N/A
1348	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1	#N/A
1349	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1	#N/A
1350	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1	#N/A
1351	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1	#N/A
1352	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1	#N/A
1353	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1	#N/A
1354	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1	#N/A
1355	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1323	Redacted	ok	physical	0	1	Redacted
1324	Redacted	ok	physical	0	1	Redacted
1325	Redacted	ok	physical	0	1	Redacted
1326	Redacted	ok	physical	0	1	Redacted
1327	Redacted	ok	physical	0	1	Redacted
1328	Redacted	ok	physical	0	1	Redacted
1329	Redacted	ok	physical	0	1	Redacted
1330	Redacted	ok	physical	0	1	Redacted
1331	Redacted	ok	physical	0	1	Redacted
1332	Redacted	ok	physical	0	1	Redacted
1333	Redacted	ok	physical	0	1	Redacted
1334	Redacted	ok	physical	0	1	Redacted
1335	Redacted	ok	physical	0	1	Redacted
1336	Redacted	ok	physical	0	1	Redacted
1337	Redacted	ok	physical	0	1	Redacted
1338	Redacted	ok	physical	0	1	Redacted
1339	Redacted	ok	physical	0	1	Redacted
1340	Redacted	ok	physical	0	1	Redacted
1341	Redacted	ok	physical	0	0	DELTA_2_PL1X4_202RA168_none
1342	Redacted	ok	physical	0	1	Redacted
1343	Redacted	ok	physical	0	1	Redacted
1344	Redacted	ok	physical	0	0	DELTA_2_PL1X4_202RA170_none
1345	Redacted	ok	physical	0	0	DELTA_2_PL1X4_202RA170_none
1346	Redacted	ok	new_resolve	1	0	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1347	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1348	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1349	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1350	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1351	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1352	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1353	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1354	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1355	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1323	0	0	1	1	1	1	1	1	1	1
1324	0	0	1	1	1	1	1	1	1	1
1325	0	0	1	1	1	1	1	1	1	1
1326	0	0	1	1	1	1	1	1	1	1
1327	0	0	1	1	1	1	1	1	1	1
1328	0	0	1	1	1	1	1	1	1	1
1329	0	0	1	1	1	1	1	1	1	1
1330	0	0	1	1	1	1	1	1	1	1
1331	0	0	1	1	1	1	1	1	1	1
1332	0	0	1	1	1	1	1	1	1	1
1333	0	0	1	1	1	1	1	1	1	1
1334	0	0	1	1	1	1	1	1	1	1
1335	0	0	1	1	1	1	1	1	1	1
1336	0	0	1	1	1	1	1	1	1	1
1337	0	0	1	1	1	1	1	1	1	1
1338	0	0	1	1	1	1	1	1	1	1
1339	0	0	1	1	1	1	1	1	1	1
1340	1	112	1	1	1	1	1	1	1	1
1341	1	113	1	1	1	1	1	1	1	1
1342	1	114	1	1	1	1	1	1	1	1
1343	1	115	1	1	1	1	1	1	1	1
1344	1	116	1	1	1	1	1	1	1	1
1345	0	0	1	1	1	1	1	1	1	1
1346	1	117	1	1	1	1	1	1	1	1
1347	0	0	1	1	1	1	1	1	1	1
1348	0	0	1	1	1	1	1	1	1	1
1349	0	0	1	1	1	1	1	1	1	1
1350	0	0	1	1	1	1	1	1	1	1
1351	0	0	1	1	1	1	1	1	1	1
1352	0	0	1	1	1	1	1	1	1	1
1353	0	0	1	1	1	1	1	1	1	1
1354	0	0	1	1	1	1	1	1	1	1
1355	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1356	SVCEA	New_Hybrid	202BE069	2024	4	25	Redacted		development	3
1357	SVCEA	New_Hybrid	202BE069	2024	5	28	Redacted		development	3
1358	SVCEA	New_Hybrid	202BE069	2024	6	29	Redacted		development	3
1359	SVCEA	New_Hybrid	202BE069	2024	7	28	Redacted		development	3
1360	SVCEA	New_Hybrid	202BE069	2024	8	26	Redacted		development	3
1361	SVCEA	New_Hybrid	202BE069	2024	9	24	Redacted		development	3
1362	SVCEA	New_Hybrid	202BE069	2024	10	21	Redacted		development	3
1363	SVCEA	New_Hybrid	202BE069	2024	11	15	Redacted		development	3
1364	SVCEA	New_Hybrid	202BE069	2024	12	13	Redacted		development	3
1365	SVCEA	New_Hybrid	202BE069	2025	1	15	Redacted		development	3
1366	SVCEA	New_Hybrid	202BE069	2025	2	17	Redacted		development	3
1367	SVCEA	New_Hybrid	202BE069	2025	3	23	Redacted		development	3
1368	SVCEA	New_Hybrid	202BE069	2025	4	25	Redacted		development	3
1369	SVCEA	New_Hybrid	202BE069	2025	5	28	Redacted		development	3
1370	SVCEA	New_Hybrid	202BE069	2025	6	29	Redacted		development	3
1371	SVCEA	New_Hybrid	202BE069	2025	7	28	Redacted		development	3
1372	SVCEA	New_Hybrid	202BE069	2025	8	26	Redacted		development	3
1373	SVCEA	New_Hybrid	202BE069	2025	9	24	Redacted		development	3
1374	SVCEA	New_Hybrid	202BE069	2025	10	21	Redacted		development	3
1375	SVCEA	New_Hybrid	202BE069	2025	11	15	Redacted		development	3
1376	SVCEA	New_Hybrid	202BE069	2025	12	13	Redacted		development	3
1377	SVCEA	New_Hybrid	184BE025	2026	1	13	Redacted		development	4
1378	SVCEA	New_Hybrid	184BE025	2026	2	13	Redacted		development	4
1379	SVCEA	New_Hybrid	184BE025	2026	3	20	Redacted		development	4
1380	SVCEA	New_Hybrid	184BE025	2026	4	22	Redacted		development	4
1381	SVCEA	New_Hybrid	184BE025	2026	5	25	Redacted		development	4
1382	SVCEA	New_Hybrid	184BE025	2026	6	25	Redacted		development	4
1383	SVCEA	New_Hybrid	184BE025	2026	7	25	Redacted		development	4
1384	SVCEA	New_Hybrid	184BE025	2026	8	24	Redacted		development	4
1385	SVCEA	New_Hybrid	184BE025	2026	9	21	Redacted		development	4
1386	SVCEA	New_Hybrid	184BE025	2026	10	18	Redacted		development	4
1387	SVCEA	New_Hybrid	184BE025	2026	11	13	Redacted		development	4
1388	SVCEA	New_Hybrid	184BE025	2026	12	11	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1356	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1	#N/A
1357	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1	#N/A
1358	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1	#N/A
1359	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1	#N/A
1360	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1	#N/A
1361	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1	#N/A
1362	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1	#N/A
1363	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1	#N/A
1364	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1	#N/A
1365	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1	#N/A
1366	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1	#N/A
1367	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1	#N/A
1368	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1	#N/A
1369	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1	#N/A
1370	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1	#N/A
1371	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1	#N/A
1372	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1	#N/A
1373	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1	#N/A
1374	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1	#N/A
1375	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1	#N/A
1376	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1	#N/A
1377	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1	#N/A
1378	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1	#N/A
1379	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1	#N/A
1380	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1	#N/A
1381	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1	#N/A
1382	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1	#N/A
1383	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1	#N/A
1384	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1	#N/A
1385	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1	#N/A
1386	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1	#N/A
1387	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1	#N/A
1388	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1356	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1357	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1358	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1359	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1360	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1361	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1362	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1363	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1364	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1365	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1366	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1367	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1368	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1369	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1370	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1371	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1372	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1373	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1374	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1375	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1376	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1377	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1378	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1379	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1380	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1381	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1382	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1383	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1384	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1385	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1386	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1387	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1388	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1356	0	0	1	1	1	1	1	1	1	1
1357	0	0	1	1	1	1	1	1	1	1
1358	0	0	1	1	1	1	1	1	1	1
1359	0	0	1	1	1	1	1	1	1	1
1360	0	0	1	1	1	1	1	1	1	1
1361	0	0	1	1	1	1	1	1	1	1
1362	0	0	1	1	1	1	1	1	1	1
1363	0	0	1	1	1	1	1	1	1	1
1364	0	0	1	1	1	1	1	1	1	1
1365	0	0	1	1	1	1	1	1	1	1
1366	0	0	1	1	1	1	1	1	1	1
1367	0	0	1	1	1	1	1	1	1	1
1368	0	0	1	1	1	1	1	1	1	1
1369	0	0	1	1	1	1	1	1	1	1
1370	0	0	1	1	1	1	1	1	1	1
1371	0	0	1	1	1	1	1	1	1	1
1372	0	0	1	1	1	1	1	1	1	1
1373	0	0	1	1	1	1	1	1	1	1
1374	0	0	1	1	1	1	1	1	1	1
1375	0	0	1	1	1	1	1	1	1	1
1376	0	0	1	1	1	1	1	1	1	1
1377	0	0	1	1	1	1	1	1	1	1
1378	0	0	1	1	1	1	1	1	1	1
1379	0	0	1	1	1	1	1	1	1	1
1380	0	0	1	1	1	1	1	1	1	1
1381	0	0	1	1	1	1	1	1	1	1
1382	0	0	1	1	1	1	1	1	1	1
1383	0	0	1	1	1	1	1	1	1	1
1384	0	0	1	1	1	1	1	1	1	1
1385	0	0	1	1	1	1	1	1	1	1
1386	0	0	1	1	1	1	1	1	1	1
1387	0	0	1	1	1	1	1	1	1	1
1388	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1389	SVCEA	New_Hybrid	184BE025	2027	1	13	Redacted		development	4
1390	SVCEA	New_Hybrid	184BE025	2027	2	13	Redacted		development	4
1391	SVCEA	New_Hybrid	184BE025	2027	3	20	Redacted		development	4
1392	SVCEA	New_Hybrid	184BE025	2027	4	22	Redacted		development	4
1393	SVCEA	New_Hybrid	184BE025	2027	5	25	Redacted		development	4
1394	SVCEA	New_Hybrid	184BE025	2027	6	25	Redacted		development	4
1395	SVCEA	New_Hybrid	184BE025	2027	7	25	Redacted		development	4
1396	SVCEA	New_Hybrid	184BE025	2027	8	24	Redacted		development	4
1397	SVCEA	New_Hybrid	184BE025	2027	9	20	Redacted		development	4
1398	SVCEA	New_Hybrid	184BE025	2027	10	18	Redacted		development	4
1399	SVCEA	New_Hybrid	184BE025	2027	11	13	Redacted		development	4
1400	SVCEA	New_Hybrid	184BE025	2027	12	11	Redacted		development	4
1401	SVCEA	New_Hybrid	184BE025	2028	1	12	Redacted		development	4
1402	SVCEA	New_Hybrid	184BE025	2028	2	14	Redacted		development	4
1403	SVCEA	New_Hybrid	184BE025	2028	3	20	Redacted		development	4
1404	SVCEA	New_Hybrid	184BE025	2028	4	22	Redacted		development	4
1405	SVCEA	New_Hybrid	184BE025	2028	5	25	Redacted		development	4
1406	SVCEA	New_Hybrid	184BE025	2028	6	25	Redacted		development	4
1407	SVCEA	New_Hybrid	184BE025	2028	7	24	Redacted		development	4
1408	SVCEA	New_Hybrid	184BE025	2028	8	23	Redacted		development	4
1409	SVCEA	New_Hybrid	184BE025	2028	9	20	Redacted		development	4
1410	SVCEA	New_Hybrid	184BE025	2028	10	18	Redacted		development	4
1411	SVCEA	New_Hybrid	184BE025	2028	11	13	Redacted		development	4
1412	SVCEA	New_Hybrid	184BE025	2028	12	11	Redacted		development	4
1413	SVCEA	New_Hybrid	184BE025	2029	1	12	Redacted		development	4
1414	SVCEA	New_Hybrid	184BE025	2029	2	13	Redacted		development	4
1415	SVCEA	New_Hybrid	184BE025	2029	3	20	Redacted		development	4
1416	SVCEA	New_Hybrid	184BE025	2029	4	22	Redacted		development	4
1417	SVCEA	New_Hybrid	184BE025	2029	5	25	Redacted		development	4
1418	SVCEA	New_Hybrid	184BE025	2029	6	25	Redacted		development	4
1419	SVCEA	New_Hybrid	184BE025	2029	7	24	Redacted		development	4
1420	SVCEA	New_Hybrid	184BE025	2029	8	23	Redacted		development	4
1421	SVCEA	New_Hybrid	184BE025	2029	9	20	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1389	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1	#N/A
1390	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1	#N/A
1391	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1	#N/A
1392	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1	#N/A
1393	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1	#N/A
1394	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1	#N/A
1395	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1	#N/A
1396	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1	#N/A
1397	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1	#N/A
1398	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1	#N/A
1399	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1	#N/A
1400	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1	#N/A
1401	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1	#N/A
1402	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1	#N/A
1403	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1	#N/A
1404	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1	#N/A
1405	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1	#N/A
1406	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1	#N/A
1407	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1	#N/A
1408	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1	#N/A
1409	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1	#N/A
1410	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1	#N/A
1411	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1	#N/A
1412	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1	#N/A
1413	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1	#N/A
1414	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1	#N/A
1415	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1	#N/A
1416	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1	#N/A
1417	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1	#N/A
1418	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1	#N/A
1419	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1	#N/A
1420	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1	#N/A
1421	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1389	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1390	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1391	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1392	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1393	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1394	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1395	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1396	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1397	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1398	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1399	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1400	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1401	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1402	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1403	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1404	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1405	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1406	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1407	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1408	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1409	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1410	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1411	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1412	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1413	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1414	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1415	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1416	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1417	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1418	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1419	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1420	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1421	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1389	0	0	1	1	1	1	1	1	1	1
1390	0	0	1	1	1	1	1	1	1	1
1391	0	0	1	1	1	1	1	1	1	1
1392	0	0	1	1	1	1	1	1	1	1
1393	0	0	1	1	1	1	1	1	1	1
1394	0	0	1	1	1	1	1	1	1	1
1395	0	0	1	1	1	1	1	1	1	1
1396	0	0	1	1	1	1	1	1	1	1
1397	0	0	1	1	1	1	1	1	1	1
1398	0	0	1	1	1	1	1	1	1	1
1399	0	0	1	1	1	1	1	1	1	1
1400	0	0	1	1	1	1	1	1	1	1
1401	0	0	1	1	1	1	1	1	1	1
1402	0	0	1	1	1	1	1	1	1	1
1403	0	0	1	1	1	1	1	1	1	1
1404	0	0	1	1	1	1	1	1	1	1
1405	0	0	1	1	1	1	1	1	1	1
1406	0	0	1	1	1	1	1	1	1	1
1407	0	0	1	1	1	1	1	1	1	1
1408	0	0	1	1	1	1	1	1	1	1
1409	0	0	1	1	1	1	1	1	1	1
1410	0	0	1	1	1	1	1	1	1	1
1411	0	0	1	1	1	1	1	1	1	1
1412	0	0	1	1	1	1	1	1	1	1
1413	0	0	1	1	1	1	1	1	1	1
1414	0	0	1	1	1	1	1	1	1	1
1415	0	0	1	1	1	1	1	1	1	1
1416	0	0	1	1	1	1	1	1	1	1
1417	0	0	1	1	1	1	1	1	1	1
1418	0	0	1	1	1	1	1	1	1	1
1419	0	0	1	1	1	1	1	1	1	1
1420	0	0	1	1	1	1	1	1	1	1
1421	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1422	SVCEA	New_Hybrid	184BE025	2029	10	18	Redacted		development	4
1423	SVCEA	New_Hybrid	184BE025	2029	11	13	Redacted		development	4
1424	SVCEA	New_Hybrid	184BE025	2029	12	11	Redacted		development	4
1425	SVCEA	New_Hybrid	184BE025	2030	1	12	Redacted		development	4
1426	SVCEA	New_Hybrid	184BE025	2030	2	13	Redacted		development	4
1427	SVCEA	New_Hybrid	184BE025	2030	3	20	Redacted		development	4
1428	SVCEA	New_Hybrid	184BE025	2030	4	22	Redacted		development	4
1429	SVCEA	New_Hybrid	184BE025	2030	5	25	Redacted		development	4
1430	SVCEA	New_Hybrid	184BE025	2030	6	25	Redacted		development	4
1431	SVCEA	New_Hybrid	184BE025	2030	7	24	Redacted		development	4
1432	SVCEA	New_Hybrid	184BE025	2030	8	23	Redacted		development	4
1433	SVCEA	New_Hybrid	184BE025	2030	9	20	Redacted		development	4
1434	SVCEA	New_Hybrid	184BE025	2030	10	18	Redacted		development	4
1435	SVCEA	New_Hybrid	184BE025	2030	11	13	Redacted		development	4
1436	SVCEA	New_Hybrid	184BE025	2030	12	11	Redacted		development	4
1437	SVCEA	New_Hybrid	184BE024	2026	1	10	Redacted		development	4
1438	SVCEA	New_Hybrid	184BE024	2026	2	14	Redacted		development	4
1439	SVCEA	New_Hybrid	184BE024	2026	3	22	Redacted		development	4
1440	SVCEA	New_Hybrid	184BE024	2026	4	26	Redacted		development	4
1441	SVCEA	New_Hybrid	184BE024	2026	5	30	Redacted		development	4
1442	SVCEA	New_Hybrid	184BE024	2026	6	31	Redacted		development	4
1443	SVCEA	New_Hybrid	184BE024	2026	7	31	Redacted		development	4
1444	SVCEA	New_Hybrid	184BE024	2026	8	29	Redacted		development	4
1445	SVCEA	New_Hybrid	184BE024	2026	9	25	Redacted		development	4
1446	SVCEA	New_Hybrid	184BE024	2026	10	21	Redacted		development	4
1447	SVCEA	New_Hybrid	184BE024	2026	11	13	Redacted		development	4
1448	SVCEA	New_Hybrid	184BE024	2026	12	10	Redacted		development	4
1449	SVCEA	New_Hybrid	184BE024	2027	1	10	Redacted		development	4
1450	SVCEA	New_Hybrid	184BE024	2027	2	14	Redacted		development	4
1451	SVCEA	New_Hybrid	184BE024	2027	3	22	Redacted		development	4
1452	SVCEA	New_Hybrid	184BE024	2027	4	25	Redacted		development	4
1453	SVCEA	New_Hybrid	184BE024	2027	5	30	Redacted		development	4
1454	SVCEA	New_Hybrid	184BE024	2027	6	31	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1422	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1	#N/A
1423	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1	#N/A
1424	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1	#N/A
1425	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1	#N/A
1426	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1	#N/A
1427	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1	#N/A
1428	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1	#N/A
1429	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1	#N/A
1430	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1	#N/A
1431	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1	#N/A
1432	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1	#N/A
1433	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1	#N/A
1434	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1	#N/A
1435	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1	#N/A
1436	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1	#N/A
1437	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1	#N/A
1438	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1	#N/A
1439	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1	#N/A
1440	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1	#N/A
1441	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1	#N/A
1442	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1	#N/A
1443	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1	#N/A
1444	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1	#N/A
1445	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1	#N/A
1446	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1	#N/A
1447	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1	#N/A
1448	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1	#N/A
1449	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1	#N/A
1450	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1	#N/A
1451	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1	#N/A
1452	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1	#N/A
1453	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1	#N/A
1454	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1422	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1423	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1424	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1425	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1426	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1427	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1428	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1429	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1430	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1431	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1432	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1433	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1434	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1435	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1436	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1437	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1438	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1439	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1440	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1441	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1442	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1443	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1444	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1445	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1446	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1447	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1448	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1449	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1450	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1451	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1452	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1453	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1454	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1422	0	0	1	1	1	1	1	1	1	1
1423	0	0	1	1	1	1	1	1	1	1
1424	0	0	1	1	1	1	1	1	1	1
1425	0	0	1	1	1	1	1	1	1	1
1426	0	0	1	1	1	1	1	1	1	1
1427	0	0	1	1	1	1	1	1	1	1
1428	0	0	1	1	1	1	1	1	1	1
1429	0	0	1	1	1	1	1	1	1	1
1430	0	0	1	1	1	1	1	1	1	1
1431	0	0	1	1	1	1	1	1	1	1
1432	0	0	1	1	1	1	1	1	1	1
1433	0	0	1	1	1	1	1	1	1	1
1434	0	0	1	1	1	1	1	1	1	1
1435	0	0	1	1	1	1	1	1	1	1
1436	0	0	1	1	1	1	1	1	1	1
1437	0	0	1	1	1	1	1	1	1	1
1438	0	0	1	1	1	1	1	1	1	1
1439	0	0	1	1	1	1	1	1	1	1
1440	0	0	1	1	1	1	1	1	1	1
1441	0	0	1	1	1	1	1	1	1	1
1442	0	0	1	1	1	1	1	1	1	1
1443	0	0	1	1	1	1	1	1	1	1
1444	0	0	1	1	1	1	1	1	1	1
1445	0	0	1	1	1	1	1	1	1	1
1446	0	0	1	1	1	1	1	1	1	1
1447	0	0	1	1	1	1	1	1	1	1
1448	0	0	1	1	1	1	1	1	1	1
1449	0	0	1	1	1	1	1	1	1	1
1450	0	0	1	1	1	1	1	1	1	1
1451	0	0	1	1	1	1	1	1	1	1
1452	0	0	1	1	1	1	1	1	1	1
1453	0	0	1	1	1	1	1	1	1	1
1454	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1455	SVCEA	New_Hybrid	184BE024	2027	7	31	Redacted		development	4
1456	SVCEA	New_Hybrid	184BE024	2027	8	29	Redacted		development	4
1457	SVCEA	New_Hybrid	184BE024	2027	9	25	Redacted		development	4
1458	SVCEA	New_Hybrid	184BE024	2027	10	20	Redacted		development	4
1459	SVCEA	New_Hybrid	184BE024	2027	11	13	Redacted		development	4
1460	SVCEA	New_Hybrid	184BE024	2027	12	10	Redacted		development	4
1461	SVCEA	New_Hybrid	184BE024	2028	1	10	Redacted		development	4
1462	SVCEA	New_Hybrid	184BE024	2028	2	15	Redacted		development	4
1463	SVCEA	New_Hybrid	184BE024	2028	3	22	Redacted		development	4
1464	SVCEA	New_Hybrid	184BE024	2028	4	25	Redacted		development	4
1465	SVCEA	New_Hybrid	184BE024	2028	5	30	Redacted		development	4
1466	SVCEA	New_Hybrid	184BE024	2028	6	31	Redacted		development	4
1467	SVCEA	New_Hybrid	184BE024	2028	7	31	Redacted		development	4
1468	SVCEA	New_Hybrid	184BE024	2028	8	29	Redacted		development	4
1469	SVCEA	New_Hybrid	184BE024	2028	9	25	Redacted		development	4
1470	SVCEA	New_Hybrid	184BE024	2028	10	20	Redacted		development	4
1471	SVCEA	New_Hybrid	184BE024	2028	11	13	Redacted		development	4
1472	SVCEA	New_Hybrid	184BE024	2028	12	10	Redacted		development	4
1473	SVCEA	New_Hybrid	184BE024	2029	1	10	Redacted		development	4
1474	SVCEA	New_Hybrid	184BE024	2029	2	14	Redacted		development	4
1475	SVCEA	New_Hybrid	184BE024	2029	3	22	Redacted		development	4
1476	SVCEA	New_Hybrid	184BE024	2029	4	25	Redacted		development	4
1477	SVCEA	New_Hybrid	184BE024	2029	5	30	Redacted		development	4
1478	SVCEA	New_Hybrid	184BE024	2029	6	31	Redacted		development	4
1479	SVCEA	New_Hybrid	184BE024	2029	7	30	Redacted		development	4
1480	SVCEA	New_Hybrid	184BE024	2029	8	29	Redacted		development	4
1481	SVCEA	New_Hybrid	184BE024	2029	9	25	Redacted		development	4
1482	SVCEA	New_Hybrid	184BE024	2029	10	20	Redacted		development	4
1483	SVCEA	New_Hybrid	184BE024	2029	11	13	Redacted		development	4
1484	SVCEA	New_Hybrid	184BE024	2029	12	10	Redacted		development	4
1485	SVCEA	New_Hybrid	184BE024	2030	1	10	Redacted		development	4
1486	SVCEA	New_Hybrid	184BE024	2030	2	14	Redacted		development	4
1487	SVCEA	New_Hybrid	184BE024	2030	3	21	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1455	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1	#N/A
1456	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1	#N/A
1457	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1	#N/A
1458	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1	#N/A
1459	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1	#N/A
1460	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1	#N/A
1461	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1	#N/A
1462	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1	#N/A
1463	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1	#N/A
1464	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1	#N/A
1465	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1	#N/A
1466	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1	#N/A
1467	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1	#N/A
1468	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1	#N/A
1469	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1	#N/A
1470	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1	#N/A
1471	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1	#N/A
1472	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1	#N/A
1473	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1	#N/A
1474	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1	#N/A
1475	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1	#N/A
1476	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1	#N/A
1477	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1	#N/A
1478	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1	#N/A
1479	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1	#N/A
1480	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1	#N/A
1481	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1	#N/A
1482	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1	#N/A
1483	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1	#N/A
1484	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1	#N/A
1485	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1	#N/A
1486	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1	#N/A
1487	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1455	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1456	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1457	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1458	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1459	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1460	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1461	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1462	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1463	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1464	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1465	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1466	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1467	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1468	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1469	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1470	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1471	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1472	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1473	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1474	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1475	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1476	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1477	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1478	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1479	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1480	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1481	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1482	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1483	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1484	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1485	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1486	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1487	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1455	0	0	1	1	1	1	1	1	1	1
1456	0	0	1	1	1	1	1	1	1	1
1457	0	0	1	1	1	1	1	1	1	1
1458	0	0	1	1	1	1	1	1	1	1
1459	0	0	1	1	1	1	1	1	1	1
1460	0	0	1	1	1	1	1	1	1	1
1461	0	0	1	1	1	1	1	1	1	1
1462	0	0	1	1	1	1	1	1	1	1
1463	0	0	1	1	1	1	1	1	1	1
1464	0	0	1	1	1	1	1	1	1	1
1465	0	0	1	1	1	1	1	1	1	1
1466	0	0	1	1	1	1	1	1	1	1
1467	0	0	1	1	1	1	1	1	1	1
1468	0	0	1	1	1	1	1	1	1	1
1469	0	0	1	1	1	1	1	1	1	1
1470	0	0	1	1	1	1	1	1	1	1
1471	0	0	1	1	1	1	1	1	1	1
1472	0	0	1	1	1	1	1	1	1	1
1473	0	0	1	1	1	1	1	1	1	1
1474	0	0	1	1	1	1	1	1	1	1
1475	0	0	1	1	1	1	1	1	1	1
1476	0	0	1	1	1	1	1	1	1	1
1477	0	0	1	1	1	1	1	1	1	1
1478	0	0	1	1	1	1	1	1	1	1
1479	0	0	1	1	1	1	1	1	1	1
1480	0	0	1	1	1	1	1	1	1	1
1481	0	0	1	1	1	1	1	1	1	1
1482	0	0	1	1	1	1	1	1	1	1
1483	0	0	1	1	1	1	1	1	1	1
1484	0	0	1	1	1	1	1	1	1	1
1485	0	0	1	1	1	1	1	1	1	1
1486	0	0	1	1	1	1	1	1	1	1
1487	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1488	SVCEA	New_Hybrid	184BE024	2030	4	25	Redacted		development	4
1489	SVCEA	New_Hybrid	184BE024	2030	5	30	Redacted		development	4
1490	SVCEA	New_Hybrid	184BE024	2030	6	31	Redacted		development	4
1491	SVCEA	New_Hybrid	184BE024	2030	7	30	Redacted		development	4
1492	SVCEA	New_Hybrid	184BE024	2030	8	29	Redacted		development	4
1493	SVCEA	New_Hybrid	184BE024	2030	9	25	Redacted		development	4
1494	SVCEA	New_Hybrid	184BE024	2030	10	20	Redacted		development	4
1495	SVCEA	New_Hybrid	184BE024	2030	11	13	Redacted		development	4
1496	SVCEA	New_Hybrid	184BE024	2030	12	10	Redacted		development	4
1497	SVCEA	BLM_2_UNITS	201BE062	2026	1	32	Redacted		online	
1498	SVCEA	BLM_2_UNITS	201BE062	2026	2	29	Redacted		online	
1499	SVCEA	BLM_2_UNITS	201BE062	2026	3	32	Redacted		online	
1500	SVCEA	BLM_2_UNITS	201BE062	2026	4	29	Redacted		online	
1501	SVCEA	BLM_2_UNITS	201BE062	2026	5	31	Redacted		online	
1502	SVCEA	BLM_2_UNITS	201BE062	2026	6	30	Redacted		online	
1503	SVCEA	BLM_2_UNITS	201BE062	2026	7	31	Redacted		online	
1504	SVCEA	BLM_2_UNITS	201BE062	2026	8	31	Redacted		online	
1505	SVCEA	BLM_2_UNITS	201BE062	2026	9	30	Redacted		online	
1506	SVCEA	BLM_2_UNITS	201BE062	2026	10	32	Redacted		online	
1507	SVCEA	BLM_2_UNITS	201BE062	2026	11	31	Redacted		online	
1508	SVCEA	BLM_2_UNITS	201BE062	2026	12	32	Redacted		online	
1509	SVCEA	BLM_2_UNITS	201BE062	2027	1	23	Redacted		online	
1510	SVCEA	BLM_2_UNITS	201BE062	2027	2	20	Redacted		online	
1511	SVCEA	BLM_2_UNITS	201BE062	2027	3	22	Redacted		online	
1512	SVCEA	BLM_2_UNITS	201BE062	2027	4	20	Redacted		online	
1513	SVCEA	BLM_2_UNITS	201BE062	2027	5	21	Redacted		online	
1514	SVCEA	BLM_2_UNITS	201BE062	2027	6	21	Redacted		online	
1515	SVCEA	BLM_2_UNITS	201BE062	2027	7	22	Redacted		online	
1516	SVCEA	BLM_2_UNITS	201BE062	2027	8	22	Redacted		online	
1517	SVCEA	BLM_2_UNITS	201BE062	2027	9	21	Redacted		online	
1518	SVCEA	BLM_2_UNITS	201BE062	2027	10	22	Redacted		online	
1519	SVCEA	BLM_2_UNITS	201BE062	2027	11	22	Redacted		online	
1520	SVCEA	BLM_2_UNITS	201BE062	2027	12	23	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1488	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1	#N/A
1489	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1	#N/A
1490	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1	#N/A
1491	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1	#N/A
1492	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1	#N/A
1493	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1	#N/A
1494	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1	#N/A
1495	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1	#N/A
1496	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1	#N/A
1497	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_1	95%	1	#N/A
1498	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_2	92%	1	#N/A
1499	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_3	88%	1	#N/A
1500	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_4	76%	1	#N/A
1501	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_5	74%	1	#N/A
1502	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_6	70%	1	#N/A
1503	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_7	84%	1	#N/A
1504	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_8	82%	1	#N/A
1505	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_9	83%	1	#N/A
1506	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_10	86%	1	#N/A
1507	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_11	93%	1	#N/A
1508	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_12	95%	1	#N/A
1509	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_1	95%	1	#N/A
1510	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_2	92%	1	#N/A
1511	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_3	88%	1	#N/A
1512	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_4	76%	1	#N/A
1513	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_5	74%	1	#N/A
1514	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_6	70%	1	#N/A
1515	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_7	84%	1	#N/A
1516	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_8	82%	1	#N/A
1517	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_9	83%	1	#N/A
1518	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_10	86%	1	#N/A
1519	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_11	93%	1	#N/A
1520	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_12	95%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1488	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1489	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1490	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1491	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1492	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1493	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1494	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1495	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1496	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1497	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1498	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1499	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1500	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1501	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1502	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1503	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1504	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1505	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1506	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1507	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1508	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1509	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1510	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1511	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1512	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1513	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1514	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1515	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1516	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1517	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1518	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1519	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1520	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1488	0	0	1	1	1	1	1	1	1	1
1489	0	0	1	1	1	1	1	1	1	1
1490	0	0	1	1	1	1	1	1	1	1
1491	0	0	1	1	1	1	1	1	1	1
1492	0	0	1	1	1	1	1	1	1	1
1493	0	0	1	1	1	1	1	1	1	1
1494	0	0	1	1	1	1	1	1	1	1
1495	0	0	1	1	1	1	1	1	1	1
1496	0	0	1	1	1	1	1	1	1	1
1497	0	0	1	1	1	1	1	1	1	1
1498	0	0	1	1	1	1	1	1	1	1
1499	0	0	1	1	1	1	1	1	1	1
1500	0	0	1	1	1	1	1	1	1	1
1501	0	0	1	1	1	1	1	1	1	1
1502	0	0	1	1	1	1	1	1	1	1
1503	0	0	1	1	1	1	1	1	1	1
1504	0	0	1	1	1	1	1	1	1	1
1505	0	0	1	1	1	1	1	1	1	1
1506	0	0	1	1	1	1	1	1	1	1
1507	0	0	1	1	1	1	1	1	1	1
1508	0	0	1	1	1	1	1	1	1	1
1509	0	0	1	1	1	1	1	1	1	1
1510	0	0	1	1	1	1	1	1	1	1
1511	0	0	1	1	1	1	1	1	1	1
1512	0	0	1	1	1	1	1	1	1	1
1513	0	0	1	1	1	1	1	1	1	1
1514	0	0	1	1	1	1	1	1	1	1
1515	0	0	1	1	1	1	1	1	1	1
1516	0	0	1	1	1	1	1	1	1	1
1517	0	0	1	1	1	1	1	1	1	1
1518	0	0	1	1	1	1	1	1	1	1
1519	0	0	1	1	1	1	1	1	1	1
1520	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1521	SVCEA	BLM_2_UNITS	201BE062	2028	1	22	Redacted		online	
1522	SVCEA	BLM_2_UNITS	201BE062	2028	2	21	Redacted		online	
1523	SVCEA	BLM_2_UNITS	201BE062	2028	3	22	Redacted		online	
1524	SVCEA	BLM_2_UNITS	201BE062	2028	4	20	Redacted		online	
1525	SVCEA	BLM_2_UNITS	201BE062	2028	5	21	Redacted		online	
1526	SVCEA	BLM_2_UNITS	201BE062	2028	6	21	Redacted		online	
1527	SVCEA	BLM_2_UNITS	201BE062	2028	7	22	Redacted		online	
1528	SVCEA	BLM_2_UNITS	201BE062	2028	8	22	Redacted		online	
1529	SVCEA	BLM_2_UNITS	201BE062	2028	9	21	Redacted		online	
1530	SVCEA	BLM_2_UNITS	201BE062	2028	10	22	Redacted		online	
1531	SVCEA	BLM_2_UNITS	201BE062	2028	11	22	Redacted		online	
1532	SVCEA	BLM_2_UNITS	201BE062	2028	12	22	Redacted		online	
1533	SVCEA	BLM_2_UNITS	201BE062	2029	1	22	Redacted		online	
1534	SVCEA	BLM_2_UNITS	201BE062	2029	2	20	Redacted		online	
1535	SVCEA	BLM_2_UNITS	201BE062	2029	3	22	Redacted		online	
1536	SVCEA	BLM_2_UNITS	201BE062	2029	4	20	Redacted		online	
1537	SVCEA	BLM_2_UNITS	201BE062	2029	5	21	Redacted		online	
1538	SVCEA	BLM_2_UNITS	201BE062	2029	6	21	Redacted		online	
1539	SVCEA	BLM_2_UNITS	201BE062	2029	7	21	Redacted		online	
1540	SVCEA	BLM_2_UNITS	201BE062	2029	8	21	Redacted		online	
1541	SVCEA	BLM_2_UNITS	201BE062	2029	9	21	Redacted		online	
1542	SVCEA	BLM_2_UNITS	201BE062	2029	10	22	Redacted		online	
1543	SVCEA	BLM_2_UNITS	201BE062	2029	11	21	Redacted		online	
1544	SVCEA	BLM_2_UNITS	201BE062	2029	12	22	Redacted		online	
1545	SVCEA	BLM_2_UNITS	201BE062	2030	1	22	Redacted		online	
1546	SVCEA	BLM_2_UNITS	201BE062	2030	2	20	Redacted		online	
1547	SVCEA	BLM_2_UNITS	201BE062	2030	3	22	Redacted		online	
1548	SVCEA	BLM_2_UNITS	201BE062	2030	4	20	Redacted		online	
1549	SVCEA	BLM_2_UNITS	201BE062	2030	5	21	Redacted		online	
1550	SVCEA	BLM_2_UNITS	201BE062	2030	6	21	Redacted		online	
1551	SVCEA	BLM_2_UNITS	201BE062	2030	7	21	Redacted		online	
1552	SVCEA	BLM_2_UNITS	201BE062	2030	8	21	Redacted		online	
1553	SVCEA	BLM_2_UNITS	201BE062	2030	9	20	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1521	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_1	95%	1	#N/A
1522	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_2	92%	1	#N/A
1523	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_3	88%	1	#N/A
1524	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_4	76%	1	#N/A
1525	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_5	74%	1	#N/A
1526	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_6	70%	1	#N/A
1527	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_7	84%	1	#N/A
1528	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_8	82%	1	#N/A
1529	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_9	83%	1	#N/A
1530	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_10	86%	1	#N/A
1531	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_11	93%	1	#N/A
1532	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_12	95%	1	#N/A
1533	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_1	95%	1	#N/A
1534	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_2	92%	1	#N/A
1535	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_3	88%	1	#N/A
1536	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_4	76%	1	#N/A
1537	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_5	74%	1	#N/A
1538	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_6	70%	1	#N/A
1539	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_7	84%	1	#N/A
1540	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_8	82%	1	#N/A
1541	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_9	83%	1	#N/A
1542	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_10	86%	1	#N/A
1543	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_11	93%	1	#N/A
1544	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_12	95%	1	#N/A
1545	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_1	95%	1	#N/A
1546	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_2	92%	1	#N/A
1547	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_3	88%	1	#N/A
1548	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_4	76%	1	#N/A
1549	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_5	74%	1	#N/A
1550	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_6	70%	1	#N/A
1551	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_7	84%	1	#N/A
1552	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_8	82%	1	#N/A
1553	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_9	83%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1521	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1522	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1523	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1524	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1525	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1526	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1527	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1528	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1529	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1530	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1531	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1532	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1533	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1534	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1535	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1536	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1537	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1538	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1539	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1540	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1541	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1542	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1543	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1544	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1545	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1546	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1547	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1548	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1549	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1550	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1551	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1552	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1553	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1521	0	0	1	1	1	1	1	1	1	1
1522	0	0	1	1	1	1	1	1	1	1
1523	0	0	1	1	1	1	1	1	1	1
1524	0	0	1	1	1	1	1	1	1	1
1525	0	0	1	1	1	1	1	1	1	1
1526	0	0	1	1	1	1	1	1	1	1
1527	0	0	1	1	1	1	1	1	1	1
1528	0	0	1	1	1	1	1	1	1	1
1529	0	0	1	1	1	1	1	1	1	1
1530	0	0	1	1	1	1	1	1	1	1
1531	0	0	1	1	1	1	1	1	1	1
1532	0	0	1	1	1	1	1	1	1	1
1533	0	0	1	1	1	1	1	1	1	1
1534	0	0	1	1	1	1	1	1	1	1
1535	0	0	1	1	1	1	1	1	1	1
1536	0	0	1	1	1	1	1	1	1	1
1537	0	0	1	1	1	1	1	1	1	1
1538	0	0	1	1	1	1	1	1	1	1
1539	0	0	1	1	1	1	1	1	1	1
1540	0	0	1	1	1	1	1	1	1	1
1541	0	0	1	1	1	1	1	1	1	1
1542	0	0	1	1	1	1	1	1	1	1
1543	0	0	1	1	1	1	1	1	1	1
1544	0	0	1	1	1	1	1	1	1	1
1545	0	0	1	1	1	1	1	1	1	1
1546	0	0	1	1	1	1	1	1	1	1
1547	0	0	1	1	1	1	1	1	1	1
1548	0	0	1	1	1	1	1	1	1	1
1549	0	0	1	1	1	1	1	1	1	1
1550	0	0	1	1	1	1	1	1	1	1
1551	0	0	1	1	1	1	1	1	1	1
1552	0	0	1	1	1	1	1	1	1	1
1553	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1554	SVCEA	BLM_2_UNITS	201BE062	2030	10	22	Redacted		online	
1555	SVCEA	BLM_2_UNITS	201BE062	2030	11	21	Redacted		online	
1556	SVCEA	BLM_2_UNITS	201BE062	2030	12	22	Redacted		online	
1557	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	1	6	Redacted		development	
1558	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	2	6	Redacted		development	
1559	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	3	6	Redacted		development	
1560	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	4	5	Redacted		development	
1561	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	5	4	Redacted		development	
1562	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	6	4	Redacted		development	
1563	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	7	3	Redacted		development	
1564	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	8	3	Redacted		development	
1565	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	9	4	Redacted		development	
1566	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	10	5	Redacted		development	
1567	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	11	5	Redacted		development	
1568	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	12	6	Redacted		development	
1569	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	1	6	Redacted		development	
1570	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	2	6	Redacted		development	
1571	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	3	6	Redacted		development	
1572	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	4	5	Redacted		development	
1573	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	5	4	Redacted		development	
1574	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	6	4	Redacted		development	
1575	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	7	3	Redacted		development	
1576	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	8	3	Redacted		development	
1577	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	9	4	Redacted		development	
1578	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	10	5	Redacted		development	
1579	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	11	5	Redacted		development	
1580	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	12	6	Redacted		development	
1581	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	1	6	Redacted		development	
1582	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	2	6	Redacted		development	
1583	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	3	6	Redacted		development	
1584	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	4	5	Redacted		development	
1585	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	5	4	Redacted		development	
1586	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	6	3	Redacted		development	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1554	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_10	86%	1	#N/A
1555	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_11	93%	1	#N/A
1556	Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_12	95%	1	#N/A
1557	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_1	95%	1	#N/A
1558	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_2	92%	1	#N/A
1559	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_3	88%	1	#N/A
1560	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_4	76%	1	#N/A
1561	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_5	74%	1	#N/A
1562	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_6	70%	1	#N/A
1563	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_7	84%	1	#N/A
1564	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_8	82%	1	#N/A
1565	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_9	83%	1	#N/A
1566	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_10	86%	1	#N/A
1567	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_11	93%	1	#N/A
1568	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_12	95%	1	#N/A
1569	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_1	95%	1	#N/A
1570	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_2	92%	1	#N/A
1571	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_3	88%	1	#N/A
1572	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_4	76%	1	#N/A
1573	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_5	74%	1	#N/A
1574	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_6	70%	1	#N/A
1575	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_7	84%	1	#N/A
1576	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_8	82%	1	#N/A
1577	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_9	83%	1	#N/A
1578	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_10	86%	1	#N/A
1579	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_11	93%	1	#N/A
1580	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_12	95%	1	#N/A
1581	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_1	95%	1	#N/A
1582	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_2	92%	1	#N/A
1583	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_3	88%	1	#N/A
1584	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_4	76%	1	#N/A
1585	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_5	74%	1	#N/A
1586	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_6	70%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1554	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1555	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1556	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1557	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1558	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1559	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1560	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1561	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1562	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1563	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1564	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1565	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1566	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1567	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1568	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1569	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1570	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1571	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1572	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1573	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1574	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1575	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1576	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1577	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1578	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1579	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1580	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1581	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1582	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1583	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1584	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1585	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1586	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1554	0	0	1	1	1	1	1	1	1	1
1555	0	0	1	1	1	1	1	1	1	1
1556	0	0	1	1	1	1	1	1	1	1
1557	0	0	1	1	1	1	1	1	1	1
1558	0	0	1	1	1	1	1	1	1	1
1559	0	0	1	1	1	1	1	1	1	1
1560	0	0	1	1	1	1	1	1	1	1
1561	0	0	1	1	1	1	1	1	1	1
1562	0	0	1	1	1	1	1	1	1	1
1563	0	0	1	1	1	1	1	1	1	1
1564	0	0	1	1	1	1	1	1	1	1
1565	0	0	1	1	1	1	1	1	1	1
1566	0	0	1	1	1	1	1	1	1	1
1567	0	0	1	1	1	1	1	1	1	1
1568	0	0	1	1	1	1	1	1	1	1
1569	0	0	1	1	1	1	1	1	1	1
1570	0	0	1	1	1	1	1	1	1	1
1571	0	0	1	1	1	1	1	1	1	1
1572	0	0	1	1	1	1	1	1	1	1
1573	0	0	1	1	1	1	1	1	1	1
1574	0	0	1	1	1	1	1	1	1	1
1575	0	0	1	1	1	1	1	1	1	1
1576	0	0	1	1	1	1	1	1	1	1
1577	0	0	1	1	1	1	1	1	1	1
1578	0	0	1	1	1	1	1	1	1	1
1579	0	0	1	1	1	1	1	1	1	1
1580	0	0	1	1	1	1	1	1	1	1
1581	0	0	1	1	1	1	1	1	1	1
1582	0	0	1	1	1	1	1	1	1	1
1583	0	0	1	1	1	1	1	1	1	1
1584	0	0	1	1	1	1	1	1	1	1
1585	0	0	1	1	1	1	1	1	1	1
1586	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1587	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	7	3	Redacted		development	
1588	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	8	3	Redacted		development	
1589	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	9	4	Redacted		development	
1590	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	10	5	Redacted		development	
1591	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	11	5	Redacted		development	
1592	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	12	6	Redacted		development	
1593	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	1	6	Redacted		development	
1594	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	2	5	Redacted		development	
1595	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	3	6	Redacted		development	
1596	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	4	5	Redacted		development	
1597	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	5	4	Redacted		development	
1598	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	6	3	Redacted		development	
1599	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	7	3	Redacted		development	
1600	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	8	3	Redacted		development	
1601	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	9	4	Redacted		development	
1602	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	10	5	Redacted		development	
1603	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	11	5	Redacted		development	
1604	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	12	6	Redacted		development	
1605	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	1	6	Redacted		development	
1606	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	2	5	Redacted		development	
1607	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	3	6	Redacted		development	
1608	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	4	5	Redacted		development	
1609	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	5	4	Redacted		development	
1610	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	6	3	Redacted		development	
1611	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	7	3	Redacted		development	
1612	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	8	3	Redacted		development	
1613	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	9	4	Redacted		development	
1614	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	10	5	Redacted		development	
1615	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	11	5	Redacted		development	
1616	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	12	6	Redacted		development	
1617	SVCEA	New_Hybrid	202BE065	2026	1	6	Redacted		development	2.5
1618	SVCEA	New_Hybrid	202BE065	2026	2	6	Redacted		development	2.5
1619	SVCEA	New_Hybrid	202BE065	2026	3	10	Redacted		development	2.5

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1587	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_7	84%	1	#N/A
1588	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_8	82%	1	#N/A
1589	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_9	83%	1	#N/A
1590	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_10	86%	1	#N/A
1591	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_11	93%	1	#N/A
1592	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_12	95%	1	#N/A
1593	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_1	95%	1	#N/A
1594	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_2	92%	1	#N/A
1595	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_3	88%	1	#N/A
1596	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_4	76%	1	#N/A
1597	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_5	74%	1	#N/A
1598	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_6	70%	1	#N/A
1599	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_7	84%	1	#N/A
1600	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_8	82%	1	#N/A
1601	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_9	83%	1	#N/A
1602	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_10	86%	1	#N/A
1603	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_11	93%	1	#N/A
1604	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_12	95%	1	#N/A
1605	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_1	95%	1	#N/A
1606	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_2	92%	1	#N/A
1607	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_3	88%	1	#N/A
1608	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_4	76%	1	#N/A
1609	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_5	74%	1	#N/A
1610	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_6	70%	1	#N/A
1611	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_7	84%	1	#N/A
1612	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_8	82%	1	#N/A
1613	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_9	83%	1	#N/A
1614	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_10	86%	1	#N/A
1615	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_11	93%	1	#N/A
1616	Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_12	95%	1	#N/A
1617	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1	#N/A
1618	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1	#N/A
1619	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1587	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1588	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1589	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1590	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1591	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1592	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1593	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1594	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1595	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1596	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1597	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1598	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1599	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1600	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1601	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1602	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1603	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1604	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1605	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1606	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1607	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1608	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1609	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1610	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1611	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1612	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1613	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1614	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1615	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1616	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1617	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1618	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1619	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1587	0	0	1	1	1	1	1	1	1	1
1588	0	0	1	1	1	1	1	1	1	1
1589	0	0	1	1	1	1	1	1	1	1
1590	0	0	1	1	1	1	1	1	1	1
1591	0	0	1	1	1	1	1	1	1	1
1592	0	0	1	1	1	1	1	1	1	1
1593	0	0	1	1	1	1	1	1	1	1
1594	0	0	1	1	1	1	1	1	1	1
1595	0	0	1	1	1	1	1	1	1	1
1596	0	0	1	1	1	1	1	1	1	1
1597	0	0	1	1	1	1	1	1	1	1
1598	0	0	1	1	1	1	1	1	1	1
1599	0	0	1	1	1	1	1	1	1	1
1600	0	0	1	1	1	1	1	1	1	1
1601	0	0	1	1	1	1	1	1	1	1
1602	0	0	1	1	1	1	1	1	1	1
1603	0	0	1	1	1	1	1	1	1	1
1604	0	0	1	1	1	1	1	1	1	1
1605	0	0	1	1	1	1	1	1	1	1
1606	0	0	1	1	1	1	1	1	1	1
1607	0	0	1	1	1	1	1	1	1	1
1608	0	0	1	1	1	1	1	1	1	1
1609	0	0	1	1	1	1	1	1	1	1
1610	0	0	1	1	1	1	1	1	1	1
1611	0	0	1	1	1	1	1	1	1	1
1612	0	0	1	1	1	1	1	1	1	1
1613	0	0	1	1	1	1	1	1	1	1
1614	0	0	1	1	1	1	1	1	1	1
1615	0	0	1	1	1	1	1	1	1	1
1616	0	0	1	1	1	1	1	1	1	1
1617	0	0	1	1	1	1	1	1	1	1
1618	0	0	1	1	1	1	1	1	1	1
1619	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1620	SVCEA	New_Hybrid	202BE065	2026	4	11	Redacted		development	2.5
1621	SVCEA	New_Hybrid	202BE065	2026	5	13	Redacted		development	2.5
1622	SVCEA	New_Hybrid	202BE065	2026	6	14	Redacted		development	2.5
1623	SVCEA	New_Hybrid	202BE065	2026	7	14	Redacted		development	2.5
1624	SVCEA	New_Hybrid	202BE065	2026	8	13	Redacted		development	2.5
1625	SVCEA	New_Hybrid	202BE065	2026	9	11	Redacted		development	2.5
1626	SVCEA	New_Hybrid	202BE065	2026	10	9	Redacted		development	2.5
1627	SVCEA	New_Hybrid	202BE065	2026	11	6	Redacted		development	2.5
1628	SVCEA	New_Hybrid	202BE065	2026	12	5	Redacted		development	2.5
1629	SVCEA	New_Hybrid	202BE065	2027	1	6	Redacted		development	2.5
1630	SVCEA	New_Hybrid	202BE065	2027	2	6	Redacted		development	2.5
1631	SVCEA	New_Hybrid	202BE065	2027	3	10	Redacted		development	2.5
1632	SVCEA	New_Hybrid	202BE065	2027	4	11	Redacted		development	2.5
1633	SVCEA	New_Hybrid	202BE065	2027	5	13	Redacted		development	2.5
1634	SVCEA	New_Hybrid	202BE065	2027	6	13	Redacted		development	2.5
1635	SVCEA	New_Hybrid	202BE065	2027	7	13	Redacted		development	2.5
1636	SVCEA	New_Hybrid	202BE065	2027	8	13	Redacted		development	2.5
1637	SVCEA	New_Hybrid	202BE065	2027	9	11	Redacted		development	2.5
1638	SVCEA	New_Hybrid	202BE065	2027	10	9	Redacted		development	2.5
1639	SVCEA	New_Hybrid	202BE065	2027	11	6	Redacted		development	2.5
1640	SVCEA	New_Hybrid	202BE065	2027	12	5	Redacted		development	2.5
1641	SVCEA	New_Hybrid	202BE065	2028	1	6	Redacted		development	2.5
1642	SVCEA	New_Hybrid	202BE065	2028	2	7	Redacted		development	2.5
1643	SVCEA	New_Hybrid	202BE065	2028	3	10	Redacted		development	2.5
1644	SVCEA	New_Hybrid	202BE065	2028	4	11	Redacted		development	2.5
1645	SVCEA	New_Hybrid	202BE065	2028	5	13	Redacted		development	2.5
1646	SVCEA	New_Hybrid	202BE065	2028	6	13	Redacted		development	2.5
1647	SVCEA	New_Hybrid	202BE065	2028	7	13	Redacted		development	2.5
1648	SVCEA	New_Hybrid	202BE065	2028	8	13	Redacted		development	2.5
1649	SVCEA	New_Hybrid	202BE065	2028	9	11	Redacted		development	2.5
1650	SVCEA	New_Hybrid	202BE065	2028	10	9	Redacted		development	2.5
1651	SVCEA	New_Hybrid	202BE065	2028	11	6	Redacted		development	2.5
1652	SVCEA	New_Hybrid	202BE065	2028	12	5	Redacted		development	2.5

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1620	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1	#N/A
1621	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1	#N/A
1622	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1	#N/A
1623	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1	#N/A
1624	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1	#N/A
1625	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1	#N/A
1626	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1	#N/A
1627	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1	#N/A
1628	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1	#N/A
1629	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1	#N/A
1630	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1	#N/A
1631	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1	#N/A
1632	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1	#N/A
1633	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1	#N/A
1634	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1	#N/A
1635	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1	#N/A
1636	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1	#N/A
1637	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1	#N/A
1638	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1	#N/A
1639	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1	#N/A
1640	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1	#N/A
1641	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1	#N/A
1642	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1	#N/A
1643	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1	#N/A
1644	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1	#N/A
1645	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1	#N/A
1646	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1	#N/A
1647	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1	#N/A
1648	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1	#N/A
1649	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1	#N/A
1650	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1	#N/A
1651	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1	#N/A
1652	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1620	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1621	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1622	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1623	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1624	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1625	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1626	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1627	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1628	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1629	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1630	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1631	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1632	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1633	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1634	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1635	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1636	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1637	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1638	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1639	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1640	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1641	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1642	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1643	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1644	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1645	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1646	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1647	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1648	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1649	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1650	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1651	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1652	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1620	0	0	1	1	1	1	1	1	1	1
1621	0	0	1	1	1	1	1	1	1	1
1622	0	0	1	1	1	1	1	1	1	1
1623	0	0	1	1	1	1	1	1	1	1
1624	0	0	1	1	1	1	1	1	1	1
1625	0	0	1	1	1	1	1	1	1	1
1626	0	0	1	1	1	1	1	1	1	1
1627	0	0	1	1	1	1	1	1	1	1
1628	0	0	1	1	1	1	1	1	1	1
1629	0	0	1	1	1	1	1	1	1	1
1630	0	0	1	1	1	1	1	1	1	1
1631	0	0	1	1	1	1	1	1	1	1
1632	0	0	1	1	1	1	1	1	1	1
1633	0	0	1	1	1	1	1	1	1	1
1634	0	0	1	1	1	1	1	1	1	1
1635	0	0	1	1	1	1	1	1	1	1
1636	0	0	1	1	1	1	1	1	1	1
1637	0	0	1	1	1	1	1	1	1	1
1638	0	0	1	1	1	1	1	1	1	1
1639	0	0	1	1	1	1	1	1	1	1
1640	0	0	1	1	1	1	1	1	1	1
1641	0	0	1	1	1	1	1	1	1	1
1642	0	0	1	1	1	1	1	1	1	1
1643	0	0	1	1	1	1	1	1	1	1
1644	0	0	1	1	1	1	1	1	1	1
1645	0	0	1	1	1	1	1	1	1	1
1646	0	0	1	1	1	1	1	1	1	1
1647	0	0	1	1	1	1	1	1	1	1
1648	0	0	1	1	1	1	1	1	1	1
1649	0	0	1	1	1	1	1	1	1	1
1650	0	0	1	1	1	1	1	1	1	1
1651	0	0	1	1	1	1	1	1	1	1
1652	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1653	SVCEA	New_Hybrid	202BE065	2029	1	6	Redacted		development	2.5
1654	SVCEA	New_Hybrid	202BE065	2029	2	6	Redacted		development	2.5
1655	SVCEA	New_Hybrid	202BE065	2029	3	10	Redacted		development	2.5
1656	SVCEA	New_Hybrid	202BE065	2029	4	11	Redacted		development	2.5
1657	SVCEA	New_Hybrid	202BE065	2029	5	13	Redacted		development	2.5
1658	SVCEA	New_Hybrid	202BE065	2029	6	13	Redacted		development	2.5
1659	SVCEA	New_Hybrid	202BE065	2029	7	13	Redacted		development	2.5
1660	SVCEA	New_Hybrid	202BE065	2029	8	13	Redacted		development	2.5
1661	SVCEA	New_Hybrid	202BE065	2029	9	11	Redacted		development	2.5
1662	SVCEA	New_Hybrid	202BE065	2029	10	9	Redacted		development	2.5
1663	SVCEA	New_Hybrid	202BE065	2029	11	6	Redacted		development	2.5
1664	SVCEA	New_Hybrid	202BE065	2029	12	5	Redacted		development	2.5
1665	SVCEA	New_Hybrid	202BE065	2030	1	6	Redacted		development	2.5
1666	SVCEA	New_Hybrid	202BE065	2030	2	6	Redacted		development	2.5
1667	SVCEA	New_Hybrid	202BE065	2030	3	10	Redacted		development	2.5
1668	SVCEA	New_Hybrid	202BE065	2030	4	11	Redacted		development	2.5
1669	SVCEA	New_Hybrid	202BE065	2030	5	13	Redacted		development	2.5
1670	SVCEA	New_Hybrid	202BE065	2030	6	13	Redacted		development	2.5
1671	SVCEA	New_Hybrid	202BE065	2030	7	13	Redacted		development	2.5
1672	SVCEA	New_Hybrid	202BE065	2030	8	13	Redacted		development	2.5
1673	SVCEA	New_Hybrid	202BE065	2030	9	11	Redacted		development	2.5
1674	SVCEA	New_Hybrid	202BE065	2030	10	9	Redacted		development	2.5
1675	SVCEA	New_Hybrid	202BE065	2030	11	6	Redacted		development	2.5
1676	SVCEA	New_Hybrid	202BE065	2030	12	5	Redacted		development	2.5
1677	SVCEA	New_Hybrid	202BE067	2026	1	9	Redacted		development	4
1678	SVCEA	New_Hybrid	202BE067	2026	2	10	Redacted		development	4
1679	SVCEA	New_Hybrid	202BE067	2026	3	14	Redacted		development	4
1680	SVCEA	New_Hybrid	202BE067	2026	4	15	Redacted		development	4
1681	SVCEA	New_Hybrid	202BE067	2026	5	17	Redacted		development	4
1682	SVCEA	New_Hybrid	202BE067	2026	6	18	Redacted		development	4
1683	SVCEA	New_Hybrid	202BE067	2026	7	17	Redacted		development	4
1684	SVCEA	New_Hybrid	202BE067	2026	8	16	Redacted		development	4
1685	SVCEA	New_Hybrid	202BE067	2026	9	14	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1653	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1	#N/A
1654	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1	#N/A
1655	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1	#N/A
1656	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1	#N/A
1657	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1	#N/A
1658	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1	#N/A
1659	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1	#N/A
1660	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1	#N/A
1661	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1	#N/A
1662	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1	#N/A
1663	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1	#N/A
1664	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1	#N/A
1665	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1	#N/A
1666	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1	#N/A
1667	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1	#N/A
1668	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1	#N/A
1669	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1	#N/A
1670	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1	#N/A
1671	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1	#N/A
1672	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1	#N/A
1673	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1	#N/A
1674	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1	#N/A
1675	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1	#N/A
1676	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1	#N/A
1677	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1	#N/A
1678	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1	#N/A
1679	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1	#N/A
1680	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1	#N/A
1681	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1	#N/A
1682	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1	#N/A
1683	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1	#N/A
1684	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1	#N/A
1685	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1653	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1654	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1655	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1656	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1657	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1658	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1659	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1660	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1661	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1662	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1663	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1664	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1665	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1666	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1667	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1668	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1669	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1670	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1671	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1672	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1673	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1674	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1675	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1676	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1677	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1678	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1679	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1680	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1681	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1682	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1683	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1684	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1685	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1653	0	0	1	1	1	1	1	1	1	1
1654	0	0	1	1	1	1	1	1	1	1
1655	0	0	1	1	1	1	1	1	1	1
1656	0	0	1	1	1	1	1	1	1	1
1657	0	0	1	1	1	1	1	1	1	1
1658	0	0	1	1	1	1	1	1	1	1
1659	0	0	1	1	1	1	1	1	1	1
1660	0	0	1	1	1	1	1	1	1	1
1661	0	0	1	1	1	1	1	1	1	1
1662	0	0	1	1	1	1	1	1	1	1
1663	0	0	1	1	1	1	1	1	1	1
1664	0	0	1	1	1	1	1	1	1	1
1665	0	0	1	1	1	1	1	1	1	1
1666	0	0	1	1	1	1	1	1	1	1
1667	0	0	1	1	1	1	1	1	1	1
1668	0	0	1	1	1	1	1	1	1	1
1669	0	0	1	1	1	1	1	1	1	1
1670	0	0	1	1	1	1	1	1	1	1
1671	0	0	1	1	1	1	1	1	1	1
1672	0	0	1	1	1	1	1	1	1	1
1673	0	0	1	1	1	1	1	1	1	1
1674	0	0	1	1	1	1	1	1	1	1
1675	0	0	1	1	1	1	1	1	1	1
1676	0	0	1	1	1	1	1	1	1	1
1677	0	0	1	1	1	1	1	1	1	1
1678	0	0	1	1	1	1	1	1	1	1
1679	0	0	1	1	1	1	1	1	1	1
1680	0	0	1	1	1	1	1	1	1	1
1681	0	0	1	1	1	1	1	1	1	1
1682	0	0	1	1	1	1	1	1	1	1
1683	0	0	1	1	1	1	1	1	1	1
1684	0	0	1	1	1	1	1	1	1	1
1685	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1686	SVCEA	New_Hybrid	202BE067	2026	10	12	Redacted		development	4
1687	SVCEA	New_Hybrid	202BE067	2026	11	9	Redacted		development	4
1688	SVCEA	New_Hybrid	202BE067	2026	12	8	Redacted		development	4
1689	SVCEA	New_Hybrid	202BE067	2027	1	9	Redacted		development	4
1690	SVCEA	New_Hybrid	202BE067	2027	2	10	Redacted		development	4
1691	SVCEA	New_Hybrid	202BE067	2027	3	14	Redacted		development	4
1692	SVCEA	New_Hybrid	202BE067	2027	4	15	Redacted		development	4
1693	SVCEA	New_Hybrid	202BE067	2027	5	17	Redacted		development	4
1694	SVCEA	New_Hybrid	202BE067	2027	6	17	Redacted		development	4
1695	SVCEA	New_Hybrid	202BE067	2027	7	17	Redacted		development	4
1696	SVCEA	New_Hybrid	202BE067	2027	8	16	Redacted		development	4
1697	SVCEA	New_Hybrid	202BE067	2027	9	14	Redacted		development	4
1698	SVCEA	New_Hybrid	202BE067	2027	10	12	Redacted		development	4
1699	SVCEA	New_Hybrid	202BE067	2027	11	9	Redacted		development	4
1700	SVCEA	New_Hybrid	202BE067	2027	12	8	Redacted		development	4
1701	SVCEA	New_Hybrid	202BE067	2028	1	9	Redacted		development	4
1702	SVCEA	New_Hybrid	202BE067	2028	2	10	Redacted		development	4
1703	SVCEA	New_Hybrid	202BE067	2028	3	14	Redacted		development	4
1704	SVCEA	New_Hybrid	202BE067	2028	4	15	Redacted		development	4
1705	SVCEA	New_Hybrid	202BE067	2028	5	17	Redacted		development	4
1706	SVCEA	New_Hybrid	202BE067	2028	6	17	Redacted		development	4
1707	SVCEA	New_Hybrid	202BE067	2028	7	16	Redacted		development	4
1708	SVCEA	New_Hybrid	202BE067	2028	8	16	Redacted		development	4
1709	SVCEA	New_Hybrid	202BE067	2028	9	14	Redacted		development	4
1710	SVCEA	New_Hybrid	202BE067	2028	10	12	Redacted		development	4
1711	SVCEA	New_Hybrid	202BE067	2028	11	9	Redacted		development	4
1712	SVCEA	New_Hybrid	202BE067	2028	12	8	Redacted		development	4
1713	SVCEA	New_Hybrid	202BE067	2029	1	9	Redacted		development	4
1714	SVCEA	New_Hybrid	202BE067	2029	2	10	Redacted		development	4
1715	SVCEA	New_Hybrid	202BE067	2029	3	14	Redacted		development	4
1716	SVCEA	New_Hybrid	202BE067	2029	4	15	Redacted		development	4
1717	SVCEA	New_Hybrid	202BE067	2029	5	17	Redacted		development	4
1718	SVCEA	New_Hybrid	202BE067	2029	6	17	Redacted		development	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1686	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1	#N/A
1687	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1	#N/A
1688	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1	#N/A
1689	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1	#N/A
1690	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1	#N/A
1691	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1	#N/A
1692	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1	#N/A
1693	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1	#N/A
1694	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1	#N/A
1695	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1	#N/A
1696	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1	#N/A
1697	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1	#N/A
1698	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1	#N/A
1699	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1	#N/A
1700	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1	#N/A
1701	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1	#N/A
1702	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1	#N/A
1703	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1	#N/A
1704	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1	#N/A
1705	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1	#N/A
1706	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1	#N/A
1707	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1	#N/A
1708	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1	#N/A
1709	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1	#N/A
1710	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1	#N/A
1711	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1	#N/A
1712	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1	#N/A
1713	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1	#N/A
1714	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1	#N/A
1715	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1	#N/A
1716	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1	#N/A
1717	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1	#N/A
1718	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1686	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1687	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1688	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1689	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1690	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1691	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1692	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1693	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1694	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1695	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1696	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1697	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1698	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1699	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1700	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1701	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1702	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1703	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1704	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1705	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1706	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1707	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1708	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1709	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1710	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1711	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1712	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1713	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1714	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1715	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1716	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1717	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1718	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1686	0	0	1	1	1	1	1	1	1	1
1687	0	0	1	1	1	1	1	1	1	1
1688	0	0	1	1	1	1	1	1	1	1
1689	0	0	1	1	1	1	1	1	1	1
1690	0	0	1	1	1	1	1	1	1	1
1691	0	0	1	1	1	1	1	1	1	1
1692	0	0	1	1	1	1	1	1	1	1
1693	0	0	1	1	1	1	1	1	1	1
1694	0	0	1	1	1	1	1	1	1	1
1695	0	0	1	1	1	1	1	1	1	1
1696	0	0	1	1	1	1	1	1	1	1
1697	0	0	1	1	1	1	1	1	1	1
1698	0	0	1	1	1	1	1	1	1	1
1699	0	0	1	1	1	1	1	1	1	1
1700	0	0	1	1	1	1	1	1	1	1
1701	0	0	1	1	1	1	1	1	1	1
1702	0	0	1	1	1	1	1	1	1	1
1703	0	0	1	1	1	1	1	1	1	1
1704	0	0	1	1	1	1	1	1	1	1
1705	0	0	1	1	1	1	1	1	1	1
1706	0	0	1	1	1	1	1	1	1	1
1707	0	0	1	1	1	1	1	1	1	1
1708	0	0	1	1	1	1	1	1	1	1
1709	0	0	1	1	1	1	1	1	1	1
1710	0	0	1	1	1	1	1	1	1	1
1711	0	0	1	1	1	1	1	1	1	1
1712	0	0	1	1	1	1	1	1	1	1
1713	0	0	1	1	1	1	1	1	1	1
1714	0	0	1	1	1	1	1	1	1	1
1715	0	0	1	1	1	1	1	1	1	1
1716	0	0	1	1	1	1	1	1	1	1
1717	0	0	1	1	1	1	1	1	1	1
1718	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1719	SVCEA	New_Hybrid	202BE067	2029	7	16	Redacted		development	4
1720	SVCEA	New_Hybrid	202BE067	2029	8	16	Redacted		development	4
1721	SVCEA	New_Hybrid	202BE067	2029	9	14	Redacted		development	4
1722	SVCEA	New_Hybrid	202BE067	2029	10	12	Redacted		development	4
1723	SVCEA	New_Hybrid	202BE067	2029	11	9	Redacted		development	4
1724	SVCEA	New_Hybrid	202BE067	2029	12	8	Redacted		development	4
1725	SVCEA	New_Hybrid	202BE067	2030	1	9	Redacted		development	4
1726	SVCEA	New_Hybrid	202BE067	2030	2	10	Redacted		development	4
1727	SVCEA	New_Hybrid	202BE067	2030	3	13	Redacted		development	4
1728	SVCEA	New_Hybrid	202BE067	2030	4	15	Redacted		development	4
1729	SVCEA	New_Hybrid	202BE067	2030	5	17	Redacted		development	4
1730	SVCEA	New_Hybrid	202BE067	2030	6	17	Redacted		development	4
1731	SVCEA	New_Hybrid	202BE067	2030	7	16	Redacted		development	4
1732	SVCEA	New_Hybrid	202BE067	2030	8	16	Redacted		development	4
1733	SVCEA	New_Hybrid	202BE067	2030	9	14	Redacted		development	4
1734	SVCEA	New_Hybrid	202BE067	2030	10	12	Redacted		development	4
1735	SVCEA	New_Hybrid	202BE067	2030	11	9	Redacted		development	4
1736	SVCEA	New_Hybrid	202BE067	2030	12	8	Redacted		development	4
1737	SVCEA	New_Hybrid	202BE069	2026	1	14	Redacted		development	3
1738	SVCEA	New_Hybrid	202BE069	2026	2	16	Redacted		development	3
1739	SVCEA	New_Hybrid	202BE069	2026	3	23	Redacted		development	3
1740	SVCEA	New_Hybrid	202BE069	2026	4	25	Redacted		development	3
1741	SVCEA	New_Hybrid	202BE069	2026	5	28	Redacted		development	3
1742	SVCEA	New_Hybrid	202BE069	2026	6	29	Redacted		development	3
1743	SVCEA	New_Hybrid	202BE069	2026	7	27	Redacted		development	3
1744	SVCEA	New_Hybrid	202BE069	2026	8	26	Redacted		development	3
1745	SVCEA	New_Hybrid	202BE069	2026	9	24	Redacted		development	3
1746	SVCEA	New_Hybrid	202BE069	2026	10	20	Redacted		development	3
1747	SVCEA	New_Hybrid	202BE069	2026	11	15	Redacted		development	3
1748	SVCEA	New_Hybrid	202BE069	2026	12	13	Redacted		development	3
1749	SVCEA	New_Hybrid	202BE069	2027	1	14	Redacted		development	3
1750	SVCEA	New_Hybrid	202BE069	2027	2	16	Redacted		development	3
1751	SVCEA	New_Hybrid	202BE069	2027	3	23	Redacted		development	3

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1719	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1	#N/A
1720	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1	#N/A
1721	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1	#N/A
1722	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1	#N/A
1723	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1	#N/A
1724	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1	#N/A
1725	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1	#N/A
1726	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1	#N/A
1727	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1	#N/A
1728	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1	#N/A
1729	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1	#N/A
1730	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1	#N/A
1731	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1	#N/A
1732	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1	#N/A
1733	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1	#N/A
1734	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1	#N/A
1735	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1	#N/A
1736	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1	#N/A
1737	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1	#N/A
1738	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1	#N/A
1739	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1	#N/A
1740	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1	#N/A
1741	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1	#N/A
1742	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1	#N/A
1743	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1	#N/A
1744	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1	#N/A
1745	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1	#N/A
1746	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1	#N/A
1747	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1	#N/A
1748	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1	#N/A
1749	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1	#N/A
1750	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1	#N/A
1751	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1719	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1720	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1721	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1722	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1723	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1724	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1725	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1726	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1727	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1728	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1729	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1730	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1731	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1732	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1733	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1734	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1735	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1736	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1737	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1738	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1739	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1740	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1741	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1742	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1743	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1744	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1745	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1746	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1747	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1748	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1749	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1750	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1751	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1719	0	0	1	1	1	1	1	1	1	1
1720	0	0	1	1	1	1	1	1	1	1
1721	0	0	1	1	1	1	1	1	1	1
1722	0	0	1	1	1	1	1	1	1	1
1723	0	0	1	1	1	1	1	1	1	1
1724	0	0	1	1	1	1	1	1	1	1
1725	0	0	1	1	1	1	1	1	1	1
1726	0	0	1	1	1	1	1	1	1	1
1727	0	0	1	1	1	1	1	1	1	1
1728	0	0	1	1	1	1	1	1	1	1
1729	0	0	1	1	1	1	1	1	1	1
1730	0	0	1	1	1	1	1	1	1	1
1731	0	0	1	1	1	1	1	1	1	1
1732	0	0	1	1	1	1	1	1	1	1
1733	0	0	1	1	1	1	1	1	1	1
1734	0	0	1	1	1	1	1	1	1	1
1735	0	0	1	1	1	1	1	1	1	1
1736	0	0	1	1	1	1	1	1	1	1
1737	0	0	1	1	1	1	1	1	1	1
1738	0	0	1	1	1	1	1	1	1	1
1739	0	0	1	1	1	1	1	1	1	1
1740	0	0	1	1	1	1	1	1	1	1
1741	0	0	1	1	1	1	1	1	1	1
1742	0	0	1	1	1	1	1	1	1	1
1743	0	0	1	1	1	1	1	1	1	1
1744	0	0	1	1	1	1	1	1	1	1
1745	0	0	1	1	1	1	1	1	1	1
1746	0	0	1	1	1	1	1	1	1	1
1747	0	0	1	1	1	1	1	1	1	1
1748	0	0	1	1	1	1	1	1	1	1
1749	0	0	1	1	1	1	1	1	1	1
1750	0	0	1	1	1	1	1	1	1	1
1751	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1752	SVCEA	New_Hybrid	202BE069	2027	4	25	Redacted		development	3
1753	SVCEA	New_Hybrid	202BE069	2027	5	28	Redacted		development	3
1754	SVCEA	New_Hybrid	202BE069	2027	6	28	Redacted		development	3
1755	SVCEA	New_Hybrid	202BE069	2027	7	27	Redacted		development	3
1756	SVCEA	New_Hybrid	202BE069	2027	8	26	Redacted		development	3
1757	SVCEA	New_Hybrid	202BE069	2027	9	24	Redacted		development	3
1758	SVCEA	New_Hybrid	202BE069	2027	10	20	Redacted		development	3
1759	SVCEA	New_Hybrid	202BE069	2027	11	15	Redacted		development	3
1760	SVCEA	New_Hybrid	202BE069	2027	12	13	Redacted		development	3
1761	SVCEA	New_Hybrid	202BE069	2028	1	14	Redacted		development	3
1762	SVCEA	New_Hybrid	202BE069	2028	2	17	Redacted		development	3
1763	SVCEA	New_Hybrid	202BE069	2028	3	23	Redacted		development	3
1764	SVCEA	New_Hybrid	202BE069	2028	4	24	Redacted		development	3
1765	SVCEA	New_Hybrid	202BE069	2028	5	28	Redacted		development	3
1766	SVCEA	New_Hybrid	202BE069	2028	6	28	Redacted		development	3
1767	SVCEA	New_Hybrid	202BE069	2028	7	27	Redacted		development	3
1768	SVCEA	New_Hybrid	202BE069	2028	8	26	Redacted		development	3
1769	SVCEA	New_Hybrid	202BE069	2028	9	23	Redacted		development	3
1770	SVCEA	New_Hybrid	202BE069	2028	10	20	Redacted		development	3
1771	SVCEA	New_Hybrid	202BE069	2028	11	15	Redacted		development	3
1772	SVCEA	New_Hybrid	202BE069	2028	12	13	Redacted		development	3
1773	SVCEA	New_Hybrid	202BE069	2029	1	14	Redacted		development	3
1774	SVCEA	New_Hybrid	202BE069	2029	2	16	Redacted		development	3
1775	SVCEA	New_Hybrid	202BE069	2029	3	23	Redacted		development	3
1776	SVCEA	New_Hybrid	202BE069	2029	4	24	Redacted		development	3
1777	SVCEA	New_Hybrid	202BE069	2029	5	27	Redacted		development	3
1778	SVCEA	New_Hybrid	202BE069	2029	6	28	Redacted		development	3
1779	SVCEA	New_Hybrid	202BE069	2029	7	27	Redacted		development	3
1780	SVCEA	New_Hybrid	202BE069	2029	8	26	Redacted		development	3
1781	SVCEA	New_Hybrid	202BE069	2029	9	23	Redacted		development	3
1782	SVCEA	New_Hybrid	202BE069	2029	10	20	Redacted		development	3
1783	SVCEA	New_Hybrid	202BE069	2029	11	15	Redacted		development	3
1784	SVCEA	New_Hybrid	202BE069	2029	12	13	Redacted		development	3

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1752	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1	#N/A
1753	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1	#N/A
1754	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1	#N/A
1755	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1	#N/A
1756	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1	#N/A
1757	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1	#N/A
1758	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1	#N/A
1759	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1	#N/A
1760	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1	#N/A
1761	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1	#N/A
1762	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1	#N/A
1763	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1	#N/A
1764	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1	#N/A
1765	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1	#N/A
1766	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1	#N/A
1767	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1	#N/A
1768	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1	#N/A
1769	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1	#N/A
1770	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1	#N/A
1771	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1	#N/A
1772	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1	#N/A
1773	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1	#N/A
1774	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1	#N/A
1775	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1	#N/A
1776	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1	#N/A
1777	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1	#N/A
1778	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1	#N/A
1779	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1	#N/A
1780	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1	#N/A
1781	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1	#N/A
1782	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1	#N/A
1783	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1	#N/A
1784	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1752	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1753	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1754	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1755	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1756	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1757	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1758	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1759	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1760	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1761	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1762	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1763	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1764	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1765	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1766	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1767	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1768	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1769	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1770	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1771	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1772	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1773	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1774	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1775	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1776	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1777	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1778	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1779	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1780	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1781	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1782	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1783	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1784	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1752	0	0	1	1	1	1	1	1	1	1
1753	0	0	1	1	1	1	1	1	1	1
1754	0	0	1	1	1	1	1	1	1	1
1755	0	0	1	1	1	1	1	1	1	1
1756	0	0	1	1	1	1	1	1	1	1
1757	0	0	1	1	1	1	1	1	1	1
1758	0	0	1	1	1	1	1	1	1	1
1759	0	0	1	1	1	1	1	1	1	1
1760	0	0	1	1	1	1	1	1	1	1
1761	0	0	1	1	1	1	1	1	1	1
1762	0	0	1	1	1	1	1	1	1	1
1763	0	0	1	1	1	1	1	1	1	1
1764	0	0	1	1	1	1	1	1	1	1
1765	0	0	1	1	1	1	1	1	1	1
1766	0	0	1	1	1	1	1	1	1	1
1767	0	0	1	1	1	1	1	1	1	1
1768	0	0	1	1	1	1	1	1	1	1
1769	0	0	1	1	1	1	1	1	1	1
1770	0	0	1	1	1	1	1	1	1	1
1771	0	0	1	1	1	1	1	1	1	1
1772	0	0	1	1	1	1	1	1	1	1
1773	0	0	1	1	1	1	1	1	1	1
1774	0	0	1	1	1	1	1	1	1	1
1775	0	0	1	1	1	1	1	1	1	1
1776	0	0	1	1	1	1	1	1	1	1
1777	0	0	1	1	1	1	1	1	1	1
1778	0	0	1	1	1	1	1	1	1	1
1779	0	0	1	1	1	1	1	1	1	1
1780	0	0	1	1	1	1	1	1	1	1
1781	0	0	1	1	1	1	1	1	1	1
1782	0	0	1	1	1	1	1	1	1	1
1783	0	0	1	1	1	1	1	1	1	1
1784	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1785	SVCEA	New_Hybrid	202BE069	2030	1	14	Redacted		development	3
1786	SVCEA	New_Hybrid	202BE069	2030	2	16	Redacted		development	3
1787	SVCEA	New_Hybrid	202BE069	2030	3	23	Redacted		development	3
1788	SVCEA	New_Hybrid	202BE069	2030	4	24	Redacted		development	3
1789	SVCEA	New_Hybrid	202BE069	2030	5	27	Redacted		development	3
1790	SVCEA	New_Hybrid	202BE069	2030	6	28	Redacted		development	3
1791	SVCEA	New_Hybrid	202BE069	2030	7	27	Redacted		development	3
1792	SVCEA	New_Hybrid	202BE069	2030	8	26	Redacted		development	3
1793	SVCEA	New_Hybrid	202BE069	2030	9	23	Redacted		development	3
1794	SVCEA	New_Hybrid	202BE069	2030	10	20	Redacted		development	3
1795	SVCEA	New_Hybrid	202BE069	2030	11	15	Redacted		development	3
1796	SVCEA	New_Hybrid	202BE069	2030	12	13	Redacted		development	3
1797	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
1798	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
1799	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
1800	SVCEA	Redacted	Redacted	2023	1	0	Redacted		online	
1801	SVCEA	Redacted	Redacted	2023	2	0	Redacted		online	
1802	SVCEA	Redacted	Redacted	2023	3	0	Redacted		online	
1803	SVCEA	Redacted	Redacted	2023	4	0	Redacted		online	
1804	SVCEA	Redacted	Redacted	2023	5	0	Redacted		online	
1805	SVCEA	Redacted	Redacted	2023	6	0	Redacted		online	
1806	SVCEA	Redacted	Redacted	2023	7	0	Redacted		online	
1807	SVCEA	Redacted	Redacted	2023	8	0	Redacted		online	
1808	SVCEA	Redacted	Redacted	2023	9	0	Redacted		online	
1809	SVCEA	Redacted	Redacted	2023	10	0	Redacted		online	
1810	SVCEA	Redacted	Redacted	2023	11	0	Redacted		online	
1811	SVCEA	Redacted	Redacted	2023	12	0	Redacted		online	
1812	SVCEA	Redacted	Redacted	2022	1	Redacted	Redacted		review	
1813	SVCEA	Redacted	Redacted	2022	2	Redacted	Redacted		review	
1814	SVCEA	Redacted	Redacted	2022	3	Redacted	Redacted		review	
1815	SVCEA	Redacted	Redacted	2022	4	Redacted	Redacted		review	
1816	SVCEA	Redacted	Redacted	2022	5	Redacted	Redacted		review	
1817	SVCEA	Redacted	Redacted	2022	6	Redacted	Redacted		review	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1785	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1	#N/A
1786	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1	#N/A
1787	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1	#N/A
1788	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1	#N/A
1789	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1	#N/A
1790	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1	#N/A
1791	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1	#N/A
1792	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1	#N/A
1793	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1	#N/A
1794	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1	#N/A
1795	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1	#N/A
1796	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1	#N/A
1797	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1798	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1799	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1800	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1801	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1802	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1803	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1804	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1805	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1806	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1807	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1808	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1809	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1810	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1811	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	#N/A
1812	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1813	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1814	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1815	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1816	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1817	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1785	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1786	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1787	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1788	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1789	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1790	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1791	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1792	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1793	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1794	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1795	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1796	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1797	Redacted	ok	physical	0	1	Redacted
1798	Redacted	ok	physical	0	1	Redacted
1799	Redacted	ok	physical	0	1	Redacted
1800	Redacted	ok	physical	0	1	Redacted
1801	Redacted	ok	physical	0	1	Redacted
1802	Redacted	ok	physical	0	1	Redacted
1803	Redacted	ok	physical	0	1	Redacted
1804	Redacted	ok	physical	0	1	Redacted
1805	Redacted	ok	physical	0	1	Redacted
1806	Redacted	ok	physical	0	1	Redacted
1807	Redacted	ok	physical	0	1	Redacted
1808	Redacted	ok	physical	0	1	Redacted
1809	Redacted	ok	physical	0	1	Redacted
1810	Redacted	ok	physical	0	1	Redacted
1811	Redacted	ok	physical	0	1	Redacted
1812	Redacted	ok	new_generic	1	1	Redacted
1813	Redacted	ok	new_generic	0	1	Redacted
1814	Redacted	ok	new_generic	0	1	Redacted
1815	Redacted	ok	new_generic	0	1	Redacted
1816	Redacted	ok	new_generic	0	1	Redacted
1817	Redacted	ok	new_generic	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1785	0	0	1	1	1	1	1	1	1	1
1786	0	0	1	1	1	1	1	1	1	1
1787	0	0	1	1	1	1	1	1	1	1
1788	0	0	1	1	1	1	1	1	1	1
1789	0	0	1	1	1	1	1	1	1	1
1790	0	0	1	1	1	1	1	1	1	1
1791	0	0	1	1	1	1	1	1	1	1
1792	0	0	1	1	1	1	1	1	1	1
1793	0	0	1	1	1	1	1	1	1	1
1794	0	0	1	1	1	1	1	1	1	1
1795	0	0	1	1	1	1	1	1	1	1
1796	0	0	1	1	1	1	1	1	1	1
1797	1	118	1	1	1	1	1	1	1	1
1798	0	0	1	1	1	1	1	1	1	1
1799	0	0	1	1	1	1	1	1	1	1
1800	0	0	1	1	1	1	1	1	1	1
1801	0	0	1	1	1	1	1	1	1	1
1802	0	0	1	1	1	1	1	1	1	1
1803	0	0	1	1	1	1	1	1	1	1
1804	0	0	1	1	1	1	1	1	1	1
1805	0	0	1	1	1	1	1	1	1	1
1806	0	0	1	1	1	1	1	1	1	1
1807	0	0	1	1	1	1	1	1	1	1
1808	0	0	1	1	1	1	1	1	1	1
1809	0	0	1	1	1	1	1	1	1	1
1810	0	0	1	1	1	1	1	1	1	1
1811	0	0	1	1	1	1	1	1	1	1
1812	1	119	1	1	1	1	1	1	1	1
1813	0	0	1	1	1	1	1	1	1	1
1814	0	0	1	1	1	1	1	1	1	1
1815	0	0	1	1	1	1	1	1	1	1
1816	0	0	1	1	1	1	1	1	1	1
1817	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1818	SVCEA	Redacted	Redacted	2022	7	Redacted	Redacted		review	
1819	SVCEA	Redacted	Redacted	2022	8	Redacted	Redacted		review	
1820	SVCEA	Redacted	Redacted	2022	9	Redacted	Redacted		review	
1821	SVCEA	Redacted	Redacted	2022	10	Redacted	Redacted		review	
1822	SVCEA	Redacted	Redacted	2022	11	Redacted	Redacted		review	
1823	SVCEA	Redacted	Redacted	2022	12	Redacted	Redacted		review	
1824	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		review	
1825	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		review	
1826	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		review	
1827	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		review	
1828	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		review	
1829	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		review	
1830	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		review	
1831	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		review	
1832	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		review	
1833	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		review	
1834	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		review	
1835	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		review	
1836	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		review	
1837	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		review	
1838	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		review	
1839	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		review	
1840	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		review	
1841	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		review	
1842	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		review	
1843	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		review	
1844	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		review	
1845	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		review	
1846	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		review	
1847	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		review	
1848	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		review	
1849	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		review	
1850	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		review	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1818	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1819	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1820	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1821	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1822	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1823	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1824	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1825	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1826	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1827	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1828	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1829	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1830	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1831	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1832	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1833	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1834	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1835	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1836	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1837	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1838	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1839	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1840	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1841	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1842	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1843	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1844	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1845	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1846	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1847	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1848	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1849	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1850	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1818	Redacted	ok	new_generic	1	1	Redacted
1819	Redacted	ok	new_generic	1	1	Redacted
1820	Redacted	ok	new_generic	1	1	Redacted
1821	Redacted	ok	new_generic	1	1	Redacted
1822	Redacted	ok	new_generic	1	1	Redacted
1823	Redacted	ok	new_generic	0	1	Redacted
1824	Redacted	ok	new_generic	1	1	Redacted
1825	Redacted	ok	new_generic	0	1	Redacted
1826	Redacted	ok	new_generic	0	1	Redacted
1827	Redacted	ok	new_generic	0	1	Redacted
1828	Redacted	ok	new_generic	0	1	Redacted
1829	Redacted	ok	new_generic	1	1	Redacted
1830	Redacted	ok	new_generic	1	1	Redacted
1831	Redacted	ok	new_generic	1	1	Redacted
1832	Redacted	ok	new_generic	1	1	Redacted
1833	Redacted	ok	new_generic	1	1	Redacted
1834	Redacted	ok	new_generic	1	1	Redacted
1835	Redacted	ok	new_generic	0	1	Redacted
1836	Redacted	ok	new_generic	1	1	Redacted
1837	Redacted	ok	new_generic	0	1	Redacted
1838	Redacted	ok	new_generic	0	1	Redacted
1839	Redacted	ok	new_generic	0	1	Redacted
1840	Redacted	ok	new_generic	0	1	Redacted
1841	Redacted	ok	new_generic	1	1	Redacted
1842	Redacted	ok	new_generic	1	1	Redacted
1843	Redacted	ok	new_generic	1	1	Redacted
1844	Redacted	ok	new_generic	1	1	Redacted
1845	Redacted	ok	new_generic	1	1	Redacted
1846	Redacted	ok	new_generic	1	1	Redacted
1847	Redacted	ok	new_generic	0	1	Redacted
1848	Redacted	ok	new_generic	1	1	Redacted
1849	Redacted	ok	new_generic	0	1	Redacted
1850	Redacted	ok	new_generic	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1818	0	0	1	1	1	1	1	1	1	1
1819	0	0	1	1	1	1	1	1	1	1
1820	0	0	1	1	1	1	1	1	1	1
1821	0	0	1	1	1	1	1	1	1	1
1822	0	0	1	1	1	1	1	1	1	1
1823	0	0	1	1	1	1	1	1	1	1
1824	0	0	1	1	1	1	1	1	1	1
1825	0	0	1	1	1	1	1	1	1	1
1826	0	0	1	1	1	1	1	1	1	1
1827	0	0	1	1	1	1	1	1	1	1
1828	0	0	1	1	1	1	1	1	1	1
1829	0	0	1	1	1	1	1	1	1	1
1830	0	0	1	1	1	1	1	1	1	1
1831	0	0	1	1	1	1	1	1	1	1
1832	0	0	1	1	1	1	1	1	1	1
1833	0	0	1	1	1	1	1	1	1	1
1834	0	0	1	1	1	1	1	1	1	1
1835	0	0	1	1	1	1	1	1	1	1
1836	0	0	1	1	1	1	1	1	1	1
1837	0	0	1	1	1	1	1	1	1	1
1838	0	0	1	1	1	1	1	1	1	1
1839	0	0	1	1	1	1	1	1	1	1
1840	0	0	1	1	1	1	1	1	1	1
1841	0	0	1	1	1	1	1	1	1	1
1842	0	0	1	1	1	1	1	1	1	1
1843	0	0	1	1	1	1	1	1	1	1
1844	0	0	1	1	1	1	1	1	1	1
1845	0	0	1	1	1	1	1	1	1	1
1846	0	0	1	1	1	1	1	1	1	1
1847	0	0	1	1	1	1	1	1	1	1
1848	0	0	1	1	1	1	1	1	1	1
1849	0	0	1	1	1	1	1	1	1	1
1850	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1851	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		review	
1852	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		review	
1853	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		review	
1854	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		review	
1855	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		review	
1856	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		review	
1857	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		review	
1858	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		review	
1859	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		review	
1860	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		review	
1861	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		review	
1862	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		review	
1863	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		review	
1864	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		review	
1865	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		review	
1866	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		review	
1867	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		review	
1868	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		review	
1869	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		review	
1870	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		review	
1871	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		review	
1872	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		review	
1873	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		review	
1874	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		review	
1875	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		review	
1876	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		review	
1877	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		review	
1878	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		review	
1879	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		review	
1880	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		review	
1881	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		review	
1882	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		review	
1883	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		review	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1851	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1852	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1853	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1854	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1855	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1856	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1857	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1858	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1859	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1860	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1861	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1862	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1863	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1864	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1865	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1866	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1867	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1868	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1869	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1870	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1871	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1872	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1873	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1874	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1875	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1876	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1877	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1878	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1879	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1880	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1881	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1882	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1883	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1851	Redacted	ok	new_generic	0	1	Redacted
1852	Redacted	ok	new_generic	0	1	Redacted
1853	Redacted	ok	new_generic	1	1	Redacted
1854	Redacted	ok	new_generic	1	1	Redacted
1855	Redacted	ok	new_generic	1	1	Redacted
1856	Redacted	ok	new_generic	1	1	Redacted
1857	Redacted	ok	new_generic	1	1	Redacted
1858	Redacted	ok	new_generic	1	1	Redacted
1859	Redacted	ok	new_generic	0	1	Redacted
1860	Redacted	ok	new_generic	1	1	Redacted
1861	Redacted	ok	new_generic	1	1	Redacted
1862	Redacted	ok	new_generic	1	1	Redacted
1863	Redacted	ok	new_generic	1	1	Redacted
1864	Redacted	ok	new_generic	1	1	Redacted
1865	Redacted	ok	new_generic	1	1	Redacted
1866	Redacted	ok	new_generic	1	1	Redacted
1867	Redacted	ok	new_generic	1	1	Redacted
1868	Redacted	ok	new_generic	1	1	Redacted
1869	Redacted	ok	new_generic	1	1	Redacted
1870	Redacted	ok	new_generic	1	1	Redacted
1871	Redacted	ok	new_generic	1	1	Redacted
1872	Redacted	ok	new_generic	1	1	Redacted
1873	Redacted	ok	new_generic	1	1	Redacted
1874	Redacted	ok	new_generic	1	1	Redacted
1875	Redacted	ok	new_generic	1	1	Redacted
1876	Redacted	ok	new_generic	1	1	Redacted
1877	Redacted	ok	new_generic	1	1	Redacted
1878	Redacted	ok	new_generic	1	1	Redacted
1879	Redacted	ok	new_generic	1	1	Redacted
1880	Redacted	ok	new_generic	1	1	Redacted
1881	Redacted	ok	new_generic	1	1	Redacted
1882	Redacted	ok	new_generic	1	1	Redacted
1883	Redacted	ok	new_generic	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1851	0	0	1	1	1	1	1	1	1	1
1852	0	0	1	1	1	1	1	1	1	1
1853	0	0	1	1	1	1	1	1	1	1
1854	0	0	1	1	1	1	1	1	1	1
1855	0	0	1	1	1	1	1	1	1	1
1856	0	0	1	1	1	1	1	1	1	1
1857	0	0	1	1	1	1	1	1	1	1
1858	0	0	1	1	1	1	1	1	1	1
1859	0	0	1	1	1	1	1	1	1	1
1860	0	0	1	1	1	1	1	1	1	1
1861	0	0	1	1	1	1	1	1	1	1
1862	0	0	1	1	1	1	1	1	1	1
1863	0	0	1	1	1	1	1	1	1	1
1864	0	0	1	1	1	1	1	1	1	1
1865	0	0	1	1	1	1	1	1	1	1
1866	0	0	1	1	1	1	1	1	1	1
1867	0	0	1	1	1	1	1	1	1	1
1868	0	0	1	1	1	1	1	1	1	1
1869	0	0	1	1	1	1	1	1	1	1
1870	0	0	1	1	1	1	1	1	1	1
1871	0	0	1	1	1	1	1	1	1	1
1872	0	0	1	1	1	1	1	1	1	1
1873	0	0	1	1	1	1	1	1	1	1
1874	0	0	1	1	1	1	1	1	1	1
1875	0	0	1	1	1	1	1	1	1	1
1876	0	0	1	1	1	1	1	1	1	1
1877	0	0	1	1	1	1	1	1	1	1
1878	0	0	1	1	1	1	1	1	1	1
1879	0	0	1	1	1	1	1	1	1	1
1880	0	0	1	1	1	1	1	1	1	1
1881	0	0	1	1	1	1	1	1	1	1
1882	0	0	1	1	1	1	1	1	1	1
1883	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1884	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		review	
1885	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		review	
1886	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		review	
1887	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		review	
1888	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		review	
1889	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		review	
1890	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		review	
1891	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		review	
1892	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		review	
1893	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		review	
1894	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		review	
1895	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		review	
1896	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		review	
1897	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		review	
1898	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		review	
1899	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		review	
1900	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		review	
1901	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		review	
1902	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		review	
1903	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		review	
1904	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		review	
1905	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		review	
1906	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		review	
1907	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		review	
1908	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		review	
1909	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		review	
1910	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		review	
1911	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		review	
1912	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		review	
1913	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		review	
1914	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		review	
1915	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		review	
1916	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		review	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1884	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1885	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1886	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1887	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1888	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1889	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1890	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1891	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1892	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1893	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1894	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1895	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1896	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1897	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1898	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1899	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1900	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1901	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1902	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1903	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1904	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1905	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1906	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1907	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1908	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1909	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1910	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1911	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1912	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1913	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1914	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1915	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1916	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1884	Redacted	ok	new_generic	1	1	Redacted
1885	Redacted	ok	new_generic	1	1	Redacted
1886	Redacted	ok	new_generic	1	1	Redacted
1887	Redacted	ok	new_generic	1	1	Redacted
1888	Redacted	ok	new_generic	1	1	Redacted
1889	Redacted	ok	new_generic	1	1	Redacted
1890	Redacted	ok	new_generic	1	1	Redacted
1891	Redacted	ok	new_generic	1	1	Redacted
1892	Redacted	ok	new_generic	1	1	Redacted
1893	Redacted	ok	new_generic	1	1	Redacted
1894	Redacted	ok	new_generic	1	1	Redacted
1895	Redacted	ok	new_generic	1	1	Redacted
1896	Redacted	ok	new_generic	1	1	Redacted
1897	Redacted	ok	new_generic	1	1	Redacted
1898	Redacted	ok	new_generic	1	1	Redacted
1899	Redacted	ok	new_generic	1	1	Redacted
1900	Redacted	ok	new_generic	1	1	Redacted
1901	Redacted	ok	new_generic	1	1	Redacted
1902	Redacted	ok	new_generic	1	1	Redacted
1903	Redacted	ok	new_generic	1	1	Redacted
1904	Redacted	ok	new_generic	1	1	Redacted
1905	Redacted	ok	new_generic	1	1	Redacted
1906	Redacted	ok	new_generic	1	1	Redacted
1907	Redacted	ok	new_generic	1	1	Redacted
1908	Redacted	ok	new_generic	1	1	Redacted
1909	Redacted	ok	new_generic	1	1	Redacted
1910	Redacted	ok	new_generic	1	1	Redacted
1911	Redacted	ok	new_generic	1	1	Redacted
1912	Redacted	ok	new_generic	1	1	Redacted
1913	Redacted	ok	new_generic	1	1	Redacted
1914	Redacted	ok	new_generic	1	1	Redacted
1915	Redacted	ok	new_generic	1	1	Redacted
1916	Redacted	ok	new_generic	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1884	0	0	1	1	1	1	1	1	1	1
1885	0	0	1	1	1	1	1	1	1	1
1886	0	0	1	1	1	1	1	1	1	1
1887	0	0	1	1	1	1	1	1	1	1
1888	0	0	1	1	1	1	1	1	1	1
1889	0	0	1	1	1	1	1	1	1	1
1890	0	0	1	1	1	1	1	1	1	1
1891	0	0	1	1	1	1	1	1	1	1
1892	0	0	1	1	1	1	1	1	1	1
1893	0	0	1	1	1	1	1	1	1	1
1894	0	0	1	1	1	1	1	1	1	1
1895	0	0	1	1	1	1	1	1	1	1
1896	0	0	1	1	1	1	1	1	1	1
1897	0	0	1	1	1	1	1	1	1	1
1898	0	0	1	1	1	1	1	1	1	1
1899	0	0	1	1	1	1	1	1	1	1
1900	0	0	1	1	1	1	1	1	1	1
1901	0	0	1	1	1	1	1	1	1	1
1902	0	0	1	1	1	1	1	1	1	1
1903	0	0	1	1	1	1	1	1	1	1
1904	0	0	1	1	1	1	1	1	1	1
1905	0	0	1	1	1	1	1	1	1	1
1906	0	0	1	1	1	1	1	1	1	1
1907	0	0	1	1	1	1	1	1	1	1
1908	0	0	1	1	1	1	1	1	1	1
1909	0	0	1	1	1	1	1	1	1	1
1910	0	0	1	1	1	1	1	1	1	1
1911	0	0	1	1	1	1	1	1	1	1
1912	0	0	1	1	1	1	1	1	1	1
1913	0	0	1	1	1	1	1	1	1	1
1914	0	0	1	1	1	1	1	1	1	1
1915	0	0	1	1	1	1	1	1	1	1
1916	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1917	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		review	
1918	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		review	
1919	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		review	
1920	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
1921	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
1922	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
1923	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
1924	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
1925	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
1926	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
1927	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
1928	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
1929	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
1930	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
1931	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
1932	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
1933	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
1934	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
1935	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
1936	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	
1937	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
1938	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
1939	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
1940	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
1941	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
1942	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
1943	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
1944	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
1945	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
1946	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
1947	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
1948	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
1949	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1917	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1918	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1919	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
1920	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1921	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1922	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1923	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1924	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1925	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1926	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1927	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1928	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1929	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1930	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1931	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1932	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1933	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1934	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1935	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1936	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1937	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1938	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1939	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1940	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1941	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1942	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1943	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1944	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1945	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1946	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1947	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1948	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1949	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1917	Redacted	ok	new_generic	1	1	Redacted
1918	Redacted	ok	new_generic	0	1	Redacted
1919	Redacted	ok	new_generic	0	1	Redacted
1920	Redacted	ok	special	0	1	Redacted
1921	Redacted	ok	special	0	1	Redacted
1922	Redacted	ok	special	0	1	Redacted
1923	Redacted	ok	special	0	1	Redacted
1924	Redacted	ok	special	0	1	Redacted
1925	Redacted	ok	special	0	1	Redacted
1926	Redacted	ok	special	0	1	Redacted
1927	Redacted	ok	special	0	1	Redacted
1928	Redacted	ok	special	0	1	Redacted
1929	Redacted	ok	special	0	1	Redacted
1930	Redacted	ok	special	0	1	Redacted
1931	Redacted	ok	special	0	1	Redacted
1932	Redacted	ok	special	0	1	Redacted
1933	Redacted	ok	special	0	1	Redacted
1934	Redacted	ok	special	0	1	Redacted
1935	Redacted	ok	special	0	1	Redacted
1936	Redacted	ok	special	0	1	Redacted
1937	Redacted	ok	special	0	1	Redacted
1938	Redacted	ok	special	0	1	Redacted
1939	Redacted	ok	special	0	1	Redacted
1940	Redacted	ok	special	0	1	Redacted
1941	Redacted	ok	special	0	1	Redacted
1942	Redacted	ok	special	0	1	Redacted
1943	Redacted	ok	special	0	1	Redacted
1944	Redacted	ok	special	0	1	Redacted
1945	Redacted	ok	special	0	1	Redacted
1946	Redacted	ok	special	0	1	Redacted
1947	Redacted	ok	special	0	1	Redacted
1948	Redacted	ok	special	0	1	Redacted
1949	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1917	0	0	1	1	1	1	1	1	1	1
1918	0	0	1	1	1	1	1	1	1	1
1919	0	0	1	1	1	1	1	1	1	1
1920	1	120	1	1	1	1	1	1	1	1
1921	0	0	1	1	1	1	1	1	1	1
1922	0	0	1	1	1	1	1	1	1	1
1923	0	0	1	1	1	1	1	1	1	1
1924	0	0	1	1	1	1	1	1	1	1
1925	0	0	1	1	1	1	1	1	1	1
1926	0	0	1	1	1	1	1	1	1	1
1927	0	0	1	1	1	1	1	1	1	1
1928	0	0	1	1	1	1	1	1	1	1
1929	0	0	1	1	1	1	1	1	1	1
1930	0	0	1	1	1	1	1	1	1	1
1931	0	0	1	1	1	1	1	1	1	1
1932	1	121	1	1	1	1	1	1	1	1
1933	0	0	1	1	1	1	1	1	1	1
1934	0	0	1	1	1	1	1	1	1	1
1935	0	0	1	1	1	1	1	1	1	1
1936	0	0	1	1	1	1	1	1	1	1
1937	0	0	1	1	1	1	1	1	1	1
1938	0	0	1	1	1	1	1	1	1	1
1939	0	0	1	1	1	1	1	1	1	1
1940	0	0	1	1	1	1	1	1	1	1
1941	0	0	1	1	1	1	1	1	1	1
1942	0	0	1	1	1	1	1	1	1	1
1943	0	0	1	1	1	1	1	1	1	1
1944	1	122	1	1	1	1	1	1	1	1
1945	0	0	1	1	1	1	1	1	1	1
1946	0	0	1	1	1	1	1	1	1	1
1947	0	0	1	1	1	1	1	1	1	1
1948	0	0	1	1	1	1	1	1	1	1
1949	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1950	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
1951	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
1952	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
1953	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
1954	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
1955	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
1956	SVCEA	Redacted	Redacted	2023	1	0	Redacted		online	
1957	SVCEA	Redacted	Redacted	2023	2	0	Redacted		online	
1958	SVCEA	Redacted	Redacted	2023	3	0	Redacted		online	
1959	SVCEA	Redacted	Redacted	2023	4	0	Redacted		online	
1960	SVCEA	Redacted	Redacted	2023	5	0	Redacted		online	
1961	SVCEA	Redacted	Redacted	2023	6	0	Redacted		online	
1962	SVCEA	Redacted	Redacted	2023	7	0	Redacted		online	
1963	SVCEA	Redacted	Redacted	2023	8	0	Redacted		online	
1964	SVCEA	Redacted	Redacted	2023	9	0	Redacted		online	
1965	SVCEA	Redacted	Redacted	2023	10	0	Redacted		online	
1966	SVCEA	Redacted	Redacted	2023	11	0	Redacted		online	
1967	SVCEA	Redacted	Redacted	2023	12	0	Redacted		online	
1968	SVCEA	Redacted	Redacted	2024	1	0	Redacted		online	
1969	SVCEA	Redacted	Redacted	2024	2	0	Redacted		online	
1970	SVCEA	Redacted	Redacted	2024	3	0	Redacted		online	
1971	SVCEA	Redacted	Redacted	2024	4	0	Redacted		online	
1972	SVCEA	Redacted	Redacted	2024	5	0	Redacted		online	
1973	SVCEA	Redacted	Redacted	2024	6	0	Redacted		online	
1974	SVCEA	Redacted	Redacted	2024	7	0	Redacted		online	
1975	SVCEA	Redacted	Redacted	2024	8	0	Redacted		online	
1976	SVCEA	Redacted	Redacted	2024	9	0	Redacted		online	
1977	SVCEA	Redacted	Redacted	2024	10	0	Redacted		online	
1978	SVCEA	Redacted	Redacted	2024	11	0	Redacted		online	
1979	SVCEA	Redacted	Redacted	2024	12	0	Redacted		online	
1980	SVCEA	Redacted	Redacted	2025	1	0	Redacted		online	
1981	SVCEA	Redacted	Redacted	2025	2	0	Redacted		online	
1982	SVCEA	Redacted	Redacted	2025	3	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1950	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1951	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1952	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1953	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1954	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1955	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1956	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1957	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1958	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1959	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1960	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1961	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1962	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1963	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1964	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1965	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1966	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1967	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1968	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1969	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1970	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1971	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1972	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1973	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1974	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1975	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1976	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1977	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1978	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1979	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1980	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1981	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1982	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1950	Redacted	ok	special	0	1	Redacted
1951	Redacted	ok	special	0	1	Redacted
1952	Redacted	ok	special	0	1	Redacted
1953	Redacted	ok	special	0	1	Redacted
1954	Redacted	ok	special	0	1	Redacted
1955	Redacted	ok	special	0	1	Redacted
1956	Redacted	ok	special	0	1	Redacted
1957	Redacted	ok	special	0	1	Redacted
1958	Redacted	ok	special	0	1	Redacted
1959	Redacted	ok	special	0	1	Redacted
1960	Redacted	ok	special	0	1	Redacted
1961	Redacted	ok	special	0	1	Redacted
1962	Redacted	ok	special	0	1	Redacted
1963	Redacted	ok	special	0	1	Redacted
1964	Redacted	ok	special	0	1	Redacted
1965	Redacted	ok	special	0	1	Redacted
1966	Redacted	ok	special	0	1	Redacted
1967	Redacted	ok	special	0	1	Redacted
1968	Redacted	ok	special	0	1	Redacted
1969	Redacted	ok	special	0	1	Redacted
1970	Redacted	ok	special	0	1	Redacted
1971	Redacted	ok	special	0	1	Redacted
1972	Redacted	ok	special	0	1	Redacted
1973	Redacted	ok	special	0	1	Redacted
1974	Redacted	ok	special	0	1	Redacted
1975	Redacted	ok	special	0	1	Redacted
1976	Redacted	ok	special	0	1	Redacted
1977	Redacted	ok	special	0	1	Redacted
1978	Redacted	ok	special	0	1	Redacted
1979	Redacted	ok	special	0	1	Redacted
1980	Redacted	ok	special	0	1	Redacted
1981	Redacted	ok	special	0	1	Redacted
1982	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1950	0	0	1	1	1	1	1	1	1	1
1951	0	0	1	1	1	1	1	1	1	1
1952	0	0	1	1	1	1	1	1	1	1
1953	0	0	1	1	1	1	1	1	1	1
1954	0	0	1	1	1	1	1	1	1	1
1955	0	0	1	1	1	1	1	1	1	1
1956	0	0	1	1	1	1	1	1	1	1
1957	0	0	1	1	1	1	1	1	1	1
1958	0	0	1	1	1	1	1	1	1	1
1959	0	0	1	1	1	1	1	1	1	1
1960	0	0	1	1	1	1	1	1	1	1
1961	0	0	1	1	1	1	1	1	1	1
1962	0	0	1	1	1	1	1	1	1	1
1963	0	0	1	1	1	1	1	1	1	1
1964	0	0	1	1	1	1	1	1	1	1
1965	0	0	1	1	1	1	1	1	1	1
1966	0	0	1	1	1	1	1	1	1	1
1967	0	0	1	1	1	1	1	1	1	1
1968	0	0	1	1	1	1	1	1	1	1
1969	0	0	1	1	1	1	1	1	1	1
1970	0	0	1	1	1	1	1	1	1	1
1971	0	0	1	1	1	1	1	1	1	1
1972	0	0	1	1	1	1	1	1	1	1
1973	0	0	1	1	1	1	1	1	1	1
1974	0	0	1	1	1	1	1	1	1	1
1975	0	0	1	1	1	1	1	1	1	1
1976	0	0	1	1	1	1	1	1	1	1
1977	0	0	1	1	1	1	1	1	1	1
1978	0	0	1	1	1	1	1	1	1	1
1979	0	0	1	1	1	1	1	1	1	1
1980	0	0	1	1	1	1	1	1	1	1
1981	0	0	1	1	1	1	1	1	1	1
1982	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
1983	SVCEA	Redacted	Redacted	2025	4	0	Redacted		online	
1984	SVCEA	Redacted	Redacted	2025	5	0	Redacted		online	
1985	SVCEA	Redacted	Redacted	2025	6	0	Redacted		online	
1986	SVCEA	Redacted	Redacted	2025	7	0	Redacted		online	
1987	SVCEA	Redacted	Redacted	2025	8	0	Redacted		online	
1988	SVCEA	Redacted	Redacted	2025	9	0	Redacted		online	
1989	SVCEA	Redacted	Redacted	2025	10	0	Redacted		online	
1990	SVCEA	Redacted	Redacted	2025	11	0	Redacted		online	
1991	SVCEA	Redacted	Redacted	2025	12	0	Redacted		online	
1992	SVCEA	Redacted	Redacted	2026	1	0	Redacted		online	
1993	SVCEA	Redacted	Redacted	2026	2	0	Redacted		online	
1994	SVCEA	Redacted	Redacted	2026	3	0	Redacted		online	
1995	SVCEA	Redacted	Redacted	2026	4	0	Redacted		online	
1996	SVCEA	Redacted	Redacted	2026	5	0	Redacted		online	
1997	SVCEA	Redacted	Redacted	2026	6	0	Redacted		online	
1998	SVCEA	Redacted	Redacted	2026	7	0	Redacted		online	
1999	SVCEA	Redacted	Redacted	2026	8	0	Redacted		online	
2000	SVCEA	Redacted	Redacted	2026	9	0	Redacted		online	
2001	SVCEA	Redacted	Redacted	2026	10	0	Redacted		online	
2002	SVCEA	Redacted	Redacted	2026	11	0	Redacted		online	
2003	SVCEA	Redacted	Redacted	2026	12	0	Redacted		online	
2004	SVCEA	Redacted	Redacted	2027	1	0	Redacted		online	
2005	SVCEA	Redacted	Redacted	2027	2	0	Redacted		online	
2006	SVCEA	Redacted	Redacted	2027	3	0	Redacted		online	
2007	SVCEA	Redacted	Redacted	2027	4	0	Redacted		online	
2008	SVCEA	Redacted	Redacted	2027	5	0	Redacted		online	
2009	SVCEA	Redacted	Redacted	2027	6	0	Redacted		online	
2010	SVCEA	Redacted	Redacted	2027	7	0	Redacted		online	
2011	SVCEA	Redacted	Redacted	2027	8	0	Redacted		online	
2012	SVCEA	Redacted	Redacted	2027	9	0	Redacted		online	
2013	SVCEA	Redacted	Redacted	2027	10	0	Redacted		online	
2014	SVCEA	Redacted	Redacted	2027	11	0	Redacted		online	
2015	SVCEA	Redacted	Redacted	2027	12	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1983	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1984	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1985	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1986	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1987	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1988	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1989	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1990	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1991	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1992	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1993	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1994	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1995	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1996	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1997	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1998	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
1999	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2000	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2001	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2002	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2003	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2004	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2005	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2006	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2007	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2008	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2009	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2010	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2011	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2012	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2013	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2014	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2015	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1983	Redacted	ok	special	0	1	Redacted
1984	Redacted	ok	special	0	1	Redacted
1985	Redacted	ok	special	0	1	Redacted
1986	Redacted	ok	special	0	1	Redacted
1987	Redacted	ok	special	0	1	Redacted
1988	Redacted	ok	special	0	1	Redacted
1989	Redacted	ok	special	0	1	Redacted
1990	Redacted	ok	special	0	1	Redacted
1991	Redacted	ok	special	0	1	Redacted
1992	Redacted	ok	special	0	1	Redacted
1993	Redacted	ok	special	0	1	Redacted
1994	Redacted	ok	special	0	1	Redacted
1995	Redacted	ok	special	0	1	Redacted
1996	Redacted	ok	special	0	1	Redacted
1997	Redacted	ok	special	0	1	Redacted
1998	Redacted	ok	special	0	1	Redacted
1999	Redacted	ok	special	0	1	Redacted
2000	Redacted	ok	special	0	1	Redacted
2001	Redacted	ok	special	0	1	Redacted
2002	Redacted	ok	special	0	1	Redacted
2003	Redacted	ok	special	0	1	Redacted
2004	Redacted	ok	special	0	1	Redacted
2005	Redacted	ok	special	0	1	Redacted
2006	Redacted	ok	special	0	1	Redacted
2007	Redacted	ok	special	0	1	Redacted
2008	Redacted	ok	special	0	1	Redacted
2009	Redacted	ok	special	0	1	Redacted
2010	Redacted	ok	special	0	1	Redacted
2011	Redacted	ok	special	0	1	Redacted
2012	Redacted	ok	special	0	1	Redacted
2013	Redacted	ok	special	0	1	Redacted
2014	Redacted	ok	special	0	1	Redacted
2015	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1983	0	0	1	1	1	1	1	1	1	1
1984	0	0	1	1	1	1	1	1	1	1
1985	0	0	1	1	1	1	1	1	1	1
1986	0	0	1	1	1	1	1	1	1	1
1987	0	0	1	1	1	1	1	1	1	1
1988	0	0	1	1	1	1	1	1	1	1
1989	0	0	1	1	1	1	1	1	1	1
1990	0	0	1	1	1	1	1	1	1	1
1991	0	0	1	1	1	1	1	1	1	1
1992	0	0	1	1	1	1	1	1	1	1
1993	0	0	1	1	1	1	1	1	1	1
1994	0	0	1	1	1	1	1	1	1	1
1995	0	0	1	1	1	1	1	1	1	1
1996	0	0	1	1	1	1	1	1	1	1
1997	0	0	1	1	1	1	1	1	1	1
1998	0	0	1	1	1	1	1	1	1	1
1999	0	0	1	1	1	1	1	1	1	1
2000	0	0	1	1	1	1	1	1	1	1
2001	0	0	1	1	1	1	1	1	1	1
2002	0	0	1	1	1	1	1	1	1	1
2003	0	0	1	1	1	1	1	1	1	1
2004	0	0	1	1	1	1	1	1	1	1
2005	0	0	1	1	1	1	1	1	1	1
2006	0	0	1	1	1	1	1	1	1	1
2007	0	0	1	1	1	1	1	1	1	1
2008	0	0	1	1	1	1	1	1	1	1
2009	0	0	1	1	1	1	1	1	1	1
2010	0	0	1	1	1	1	1	1	1	1
2011	0	0	1	1	1	1	1	1	1	1
2012	0	0	1	1	1	1	1	1	1	1
2013	0	0	1	1	1	1	1	1	1	1
2014	0	0	1	1	1	1	1	1	1	1
2015	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2016	SVCEA	Redacted	Redacted	2028	1	0	Redacted		online	
2017	SVCEA	Redacted	Redacted	2028	2	0	Redacted		online	
2018	SVCEA	Redacted	Redacted	2028	3	0	Redacted		online	
2019	SVCEA	Redacted	Redacted	2028	4	0	Redacted		online	
2020	SVCEA	Redacted	Redacted	2028	5	0	Redacted		online	
2021	SVCEA	Redacted	Redacted	2028	6	0	Redacted		online	
2022	SVCEA	Redacted	Redacted	2028	7	0	Redacted		online	
2023	SVCEA	Redacted	Redacted	2028	8	0	Redacted		online	
2024	SVCEA	Redacted	Redacted	2028	9	0	Redacted		online	
2025	SVCEA	Redacted	Redacted	2028	10	0	Redacted		online	
2026	SVCEA	Redacted	Redacted	2028	11	0	Redacted		online	
2027	SVCEA	Redacted	Redacted	2028	12	0	Redacted		online	
2028	SVCEA	Redacted	Redacted	2029	1	0	Redacted		online	
2029	SVCEA	Redacted	Redacted	2029	2	0	Redacted		online	
2030	SVCEA	Redacted	Redacted	2029	3	0	Redacted		online	
2031	SVCEA	Redacted	Redacted	2029	4	0	Redacted		online	
2032	SVCEA	Redacted	Redacted	2029	5	0	Redacted		online	
2033	SVCEA	Redacted	Redacted	2029	6	0	Redacted		online	
2034	SVCEA	Redacted	Redacted	2029	7	0	Redacted		online	
2035	SVCEA	Redacted	Redacted	2029	8	0	Redacted		online	
2036	SVCEA	Redacted	Redacted	2029	9	0	Redacted		online	
2037	SVCEA	Redacted	Redacted	2029	10	0	Redacted		online	
2038	SVCEA	Redacted	Redacted	2029	11	0	Redacted		online	
2039	SVCEA	Redacted	Redacted	2029	12	0	Redacted		online	
2040	SVCEA	Redacted	Redacted	2030	1	0	Redacted		online	
2041	SVCEA	Redacted	Redacted	2030	2	0	Redacted		online	
2042	SVCEA	Redacted	Redacted	2030	3	0	Redacted		online	
2043	SVCEA	Redacted	Redacted	2030	4	0	Redacted		online	
2044	SVCEA	Redacted	Redacted	2030	5	0	Redacted		online	
2045	SVCEA	Redacted	Redacted	2030	6	0	Redacted		online	
2046	SVCEA	Redacted	Redacted	2030	7	0	Redacted		online	
2047	SVCEA	Redacted	Redacted	2030	8	0	Redacted		online	
2048	SVCEA	Redacted	Redacted	2030	9	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2016	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2017	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2018	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2019	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2020	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2021	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2022	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2023	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2024	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2025	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2026	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2027	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2028	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2029	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2030	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2031	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2032	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2033	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2034	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2035	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2036	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2037	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2038	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2039	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2040	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2041	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2042	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2043	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2044	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2045	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2046	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2047	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2048	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2016	Redacted	ok	special	0	1	Redacted
2017	Redacted	ok	special	0	1	Redacted
2018	Redacted	ok	special	0	1	Redacted
2019	Redacted	ok	special	0	1	Redacted
2020	Redacted	ok	special	0	1	Redacted
2021	Redacted	ok	special	0	1	Redacted
2022	Redacted	ok	special	0	1	Redacted
2023	Redacted	ok	special	0	1	Redacted
2024	Redacted	ok	special	0	1	Redacted
2025	Redacted	ok	special	0	1	Redacted
2026	Redacted	ok	special	0	1	Redacted
2027	Redacted	ok	special	0	1	Redacted
2028	Redacted	ok	special	0	1	Redacted
2029	Redacted	ok	special	0	1	Redacted
2030	Redacted	ok	special	0	1	Redacted
2031	Redacted	ok	special	0	1	Redacted
2032	Redacted	ok	special	0	1	Redacted
2033	Redacted	ok	special	0	1	Redacted
2034	Redacted	ok	special	0	1	Redacted
2035	Redacted	ok	special	0	1	Redacted
2036	Redacted	ok	special	0	1	Redacted
2037	Redacted	ok	special	0	1	Redacted
2038	Redacted	ok	special	0	1	Redacted
2039	Redacted	ok	special	0	1	Redacted
2040	Redacted	ok	special	0	1	Redacted
2041	Redacted	ok	special	0	1	Redacted
2042	Redacted	ok	special	0	1	Redacted
2043	Redacted	ok	special	0	1	Redacted
2044	Redacted	ok	special	0	1	Redacted
2045	Redacted	ok	special	0	1	Redacted
2046	Redacted	ok	special	0	1	Redacted
2047	Redacted	ok	special	0	1	Redacted
2048	Redacted	ok	special	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2016	0	0	1	1	1	1	1	1	1	1
2017	0	0	1	1	1	1	1	1	1	1
2018	0	0	1	1	1	1	1	1	1	1
2019	0	0	1	1	1	1	1	1	1	1
2020	0	0	1	1	1	1	1	1	1	1
2021	0	0	1	1	1	1	1	1	1	1
2022	0	0	1	1	1	1	1	1	1	1
2023	0	0	1	1	1	1	1	1	1	1
2024	0	0	1	1	1	1	1	1	1	1
2025	0	0	1	1	1	1	1	1	1	1
2026	0	0	1	1	1	1	1	1	1	1
2027	0	0	1	1	1	1	1	1	1	1
2028	0	0	1	1	1	1	1	1	1	1
2029	0	0	1	1	1	1	1	1	1	1
2030	0	0	1	1	1	1	1	1	1	1
2031	0	0	1	1	1	1	1	1	1	1
2032	0	0	1	1	1	1	1	1	1	1
2033	0	0	1	1	1	1	1	1	1	1
2034	0	0	1	1	1	1	1	1	1	1
2035	0	0	1	1	1	1	1	1	1	1
2036	0	0	1	1	1	1	1	1	1	1
2037	0	0	1	1	1	1	1	1	1	1
2038	0	0	1	1	1	1	1	1	1	1
2039	0	0	1	1	1	1	1	1	1	1
2040	0	0	1	1	1	1	1	1	1	1
2041	0	0	1	1	1	1	1	1	1	1
2042	0	0	1	1	1	1	1	1	1	1
2043	0	0	1	1	1	1	1	1	1	1
2044	0	0	1	1	1	1	1	1	1	1
2045	0	0	1	1	1	1	1	1	1	1
2046	0	0	1	1	1	1	1	1	1	1
2047	0	0	1	1	1	1	1	1	1	1
2048	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2049	SVCEA	Redacted	Redacted	2030	10	0	Redacted		online	
2050	SVCEA	Redacted	Redacted	2030	11	0	Redacted		online	
2051	SVCEA	Redacted	Redacted	2030	12	0	Redacted		online	
2052	SVCEA	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing	
2053	SVCEA	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing	
2054	SVCEA	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing	
2055	SVCEA	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing	
2056	SVCEA	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing	
2057	SVCEA	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing	
2058	SVCEA	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing	
2059	SVCEA	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing	
2060	SVCEA	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing	
2061	SVCEA	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing	
2062	SVCEA	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing	
2063	SVCEA	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing	
2064	SVCEA	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing	
2065	SVCEA	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing	
2066	SVCEA	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing	
2067	SVCEA	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing	
2068	SVCEA	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing	
2069	SVCEA	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing	
2070	SVCEA	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing	
2071	SVCEA	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing	
2072	SVCEA	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing	
2073	SVCEA	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing	
2074	SVCEA	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing	
2075	SVCEA	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing	
2076	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing	
2077	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing	
2078	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing	
2079	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing	
2080	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing	
2081	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2049	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2050	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2051	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2052	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2053	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2054	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2055	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2056	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2057	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
2058	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2059	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2060	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2061	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2062	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2063	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2064	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2065	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2066	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2067	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2068	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2069	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
2070	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2071	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2072	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2073	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2074	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2075	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2076	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2077	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2078	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2079	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2080	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2081	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2049	Redacted	ok	special	0	1	Redacted
2050	Redacted	ok	special	0	1	Redacted
2051	Redacted	ok	special	0	1	Redacted
2052	Redacted	ok	existing_generic	1	1	Redacted
2053	Redacted	ok	existing_generic	1	1	Redacted
2054	Redacted	ok	existing_generic	1	1	Redacted
2055	Redacted	ok	existing_generic	1	1	Redacted
2056	Redacted	ok	existing_generic	1	1	Redacted
2057	Redacted	ok	existing_generic	1	1	Redacted
2058	Redacted	ok	existing_generic	1	1	Redacted
2059	Redacted	ok	existing_generic	1	1	Redacted
2060	Redacted	ok	existing_generic	1	1	Redacted
2061	Redacted	ok	existing_generic	1	1	Redacted
2062	Redacted	ok	existing_generic	1	1	Redacted
2063	Redacted	ok	existing_generic	1	1	Redacted
2064	Redacted	ok	existing_generic	1	1	Redacted
2065	Redacted	ok	existing_generic	1	1	Redacted
2066	Redacted	ok	existing_generic	1	1	Redacted
2067	Redacted	ok	existing_generic	1	1	Redacted
2068	Redacted	ok	existing_generic	1	1	Redacted
2069	Redacted	ok	existing_generic	1	1	Redacted
2070	Redacted	ok	existing_generic	1	1	Redacted
2071	Redacted	ok	existing_generic	1	1	Redacted
2072	Redacted	ok	existing_generic	1	1	Redacted
2073	Redacted	ok	existing_generic	1	1	Redacted
2074	Redacted	ok	existing_generic	1	1	Redacted
2075	Redacted	ok	existing_generic	1	1	Redacted
2076	Redacted	ok	existing_generic	1	1	Redacted
2077	Redacted	ok	existing_generic	1	1	Redacted
2078	Redacted	ok	existing_generic	1	1	Redacted
2079	Redacted	ok	existing_generic	1	1	Redacted
2080	Redacted	ok	existing_generic	1	1	Redacted
2081	Redacted	ok	existing_generic	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2049	0	0	1	1	1	1	1	1	1	1
2050	0	0	1	1	1	1	1	1	1	1
2051	0	0	1	1	1	1	1	1	1	1
2052	1	123	1	1	1	1	1	1	1	1
2053	0	0	1	1	1	1	1	1	1	1
2054	0	0	1	1	1	1	1	1	1	1
2055	0	0	1	1	1	1	1	1	1	1
2056	0	0	1	1	1	1	1	1	1	1
2057	0	0	1	1	1	1	1	1	1	1
2058	0	0	1	1	1	1	1	1	1	1
2059	0	0	1	1	1	1	1	1	1	1
2060	0	0	1	1	1	1	1	1	1	1
2061	0	0	1	1	1	1	1	1	1	1
2062	0	0	1	1	1	1	1	1	1	1
2063	0	0	1	1	1	1	1	1	1	1
2064	0	0	1	1	1	1	1	1	1	1
2065	0	0	1	1	1	1	1	1	1	1
2066	0	0	1	1	1	1	1	1	1	1
2067	0	0	1	1	1	1	1	1	1	1
2068	0	0	1	1	1	1	1	1	1	1
2069	0	0	1	1	1	1	1	1	1	1
2070	0	0	1	1	1	1	1	1	1	1
2071	0	0	1	1	1	1	1	1	1	1
2072	0	0	1	1	1	1	1	1	1	1
2073	0	0	1	1	1	1	1	1	1	1
2074	0	0	1	1	1	1	1	1	1	1
2075	0	0	1	1	1	1	1	1	1	1
2076	0	0	1	1	1	1	1	1	1	1
2077	0	0	1	1	1	1	1	1	1	1
2078	0	0	1	1	1	1	1	1	1	1
2079	0	0	1	1	1	1	1	1	1	1
2080	0	0	1	1	1	1	1	1	1	1
2081	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2082	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing	
2083	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing	
2084	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing	
2085	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing	
2086	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing	
2087	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing	
2088	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing	
2089	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing	
2090	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing	
2091	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing	
2092	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing	
2093	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing	
2094	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing	
2095	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing	
2096	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing	
2097	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing	
2098	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing	
2099	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing	
2100	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing	
2101	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing	
2102	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing	
2103	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing	
2104	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing	
2105	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing	
2106	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing	
2107	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing	
2108	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing	
2109	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing	
2110	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing	
2111	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing	
2112	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing	
2113	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing	
2114	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2082	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2083	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2084	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2085	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2086	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2087	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2088	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2089	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2090	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2091	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2092	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2093	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
2094	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2095	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2096	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2097	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2098	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2099	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2100	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2101	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2102	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2103	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2104	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2105	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
2106	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2107	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2108	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2109	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2110	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2111	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2112	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2113	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2114	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2082	Redacted	ok	existing_generic	1	1	Redacted
2083	Redacted	ok	existing_generic	1	1	Redacted
2084	Redacted	ok	existing_generic	1	1	Redacted
2085	Redacted	ok	existing_generic	1	1	Redacted
2086	Redacted	ok	existing_generic	1	1	Redacted
2087	Redacted	ok	existing_generic	1	1	Redacted
2088	Redacted	ok	existing_generic	1	1	Redacted
2089	Redacted	ok	existing_generic	1	1	Redacted
2090	Redacted	ok	existing_generic	1	1	Redacted
2091	Redacted	ok	existing_generic	1	1	Redacted
2092	Redacted	ok	existing_generic	1	1	Redacted
2093	Redacted	ok	existing_generic	1	1	Redacted
2094	Redacted	ok	existing_generic	1	1	Redacted
2095	Redacted	ok	existing_generic	1	1	Redacted
2096	Redacted	ok	existing_generic	1	1	Redacted
2097	Redacted	ok	existing_generic	1	1	Redacted
2098	Redacted	ok	existing_generic	1	1	Redacted
2099	Redacted	ok	existing_generic	1	1	Redacted
2100	Redacted	ok	existing_generic	1	1	Redacted
2101	Redacted	ok	existing_generic	1	1	Redacted
2102	Redacted	ok	existing_generic	1	1	Redacted
2103	Redacted	ok	existing_generic	1	1	Redacted
2104	Redacted	ok	existing_generic	1	1	Redacted
2105	Redacted	ok	existing_generic	1	1	Redacted
2106	Redacted	ok	existing_generic	1	1	Redacted
2107	Redacted	ok	existing_generic	1	1	Redacted
2108	Redacted	ok	existing_generic	1	1	Redacted
2109	Redacted	ok	existing_generic	1	1	Redacted
2110	Redacted	ok	existing_generic	1	1	Redacted
2111	Redacted	ok	existing_generic	1	1	Redacted
2112	Redacted	ok	existing_generic	1	1	Redacted
2113	Redacted	ok	existing_generic	1	1	Redacted
2114	Redacted	ok	existing_generic	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2082	0	0	1	1	1	1	1	1	1	1
2083	0	0	1	1	1	1	1	1	1	1
2084	0	0	1	1	1	1	1	1	1	1
2085	0	0	1	1	1	1	1	1	1	1
2086	0	0	1	1	1	1	1	1	1	1
2087	0	0	1	1	1	1	1	1	1	1
2088	0	0	1	1	1	1	1	1	1	1
2089	0	0	1	1	1	1	1	1	1	1
2090	0	0	1	1	1	1	1	1	1	1
2091	0	0	1	1	1	1	1	1	1	1
2092	0	0	1	1	1	1	1	1	1	1
2093	0	0	1	1	1	1	1	1	1	1
2094	0	0	1	1	1	1	1	1	1	1
2095	0	0	1	1	1	1	1	1	1	1
2096	0	0	1	1	1	1	1	1	1	1
2097	0	0	1	1	1	1	1	1	1	1
2098	0	0	1	1	1	1	1	1	1	1
2099	0	0	1	1	1	1	1	1	1	1
2100	0	0	1	1	1	1	1	1	1	1
2101	0	0	1	1	1	1	1	1	1	1
2102	0	0	1	1	1	1	1	1	1	1
2103	0	0	1	1	1	1	1	1	1	1
2104	0	0	1	1	1	1	1	1	1	1
2105	0	0	1	1	1	1	1	1	1	1
2106	0	0	1	1	1	1	1	1	1	1
2107	0	0	1	1	1	1	1	1	1	1
2108	0	0	1	1	1	1	1	1	1	1
2109	0	0	1	1	1	1	1	1	1	1
2110	0	0	1	1	1	1	1	1	1	1
2111	0	0	1	1	1	1	1	1	1	1
2112	0	0	1	1	1	1	1	1	1	1
2113	0	0	1	1	1	1	1	1	1	1
2114	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2115	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing	
2116	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing	
2117	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing	
2118	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing	
2119	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing	
2120	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing	
2121	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing	
2122	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing	
2123	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing	
2124	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing	
2125	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing	
2126	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing	
2127	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing	
2128	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing	
2129	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing	
2130	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing	
2131	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing	
2132	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing	
2133	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing	
2134	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing	
2135	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing	
2136	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing	
2137	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing	
2138	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing	
2139	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing	
2140	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing	
2141	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing	
2142	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing	
2143	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing	
2144	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing	
2145	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing	
2146	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing	
2147	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2115	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2116	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2117	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
2118	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2119	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2120	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2121	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2122	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2123	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2124	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2125	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2126	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2127	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2128	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2129	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
2130	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2131	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2132	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2133	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2134	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2135	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2136	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2137	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2138	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2139	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2140	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2141	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
2142	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2143	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2144	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2145	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2146	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2147	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2115	Redacted	ok	existing_generic	1	1	Redacted
2116	Redacted	ok	existing_generic	1	1	Redacted
2117	Redacted	ok	existing_generic	1	1	Redacted
2118	Redacted	ok	existing_generic	1	1	Redacted
2119	Redacted	ok	existing_generic	1	1	Redacted
2120	Redacted	ok	existing_generic	1	1	Redacted
2121	Redacted	ok	existing_generic	1	1	Redacted
2122	Redacted	ok	existing_generic	1	1	Redacted
2123	Redacted	ok	existing_generic	1	1	Redacted
2124	Redacted	ok	existing_generic	1	1	Redacted
2125	Redacted	ok	existing_generic	1	1	Redacted
2126	Redacted	ok	existing_generic	1	1	Redacted
2127	Redacted	ok	existing_generic	1	1	Redacted
2128	Redacted	ok	existing_generic	1	1	Redacted
2129	Redacted	ok	existing_generic	1	1	Redacted
2130	Redacted	ok	existing_generic	1	1	Redacted
2131	Redacted	ok	existing_generic	1	1	Redacted
2132	Redacted	ok	existing_generic	1	1	Redacted
2133	Redacted	ok	existing_generic	1	1	Redacted
2134	Redacted	ok	existing_generic	1	1	Redacted
2135	Redacted	ok	existing_generic	1	1	Redacted
2136	Redacted	ok	existing_generic	1	1	Redacted
2137	Redacted	ok	existing_generic	1	1	Redacted
2138	Redacted	ok	existing_generic	1	1	Redacted
2139	Redacted	ok	existing_generic	1	1	Redacted
2140	Redacted	ok	existing_generic	1	1	Redacted
2141	Redacted	ok	existing_generic	1	1	Redacted
2142	Redacted	ok	existing_generic	1	1	Redacted
2143	Redacted	ok	existing_generic	1	1	Redacted
2144	Redacted	ok	existing_generic	1	1	Redacted
2145	Redacted	ok	existing_generic	1	1	Redacted
2146	Redacted	ok	existing_generic	1	1	Redacted
2147	Redacted	ok	existing_generic	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2115	0	0	1	1	1	1	1	1	1	1
2116	0	0	1	1	1	1	1	1	1	1
2117	0	0	1	1	1	1	1	1	1	1
2118	0	0	1	1	1	1	1	1	1	1
2119	0	0	1	1	1	1	1	1	1	1
2120	0	0	1	1	1	1	1	1	1	1
2121	0	0	1	1	1	1	1	1	1	1
2122	0	0	1	1	1	1	1	1	1	1
2123	0	0	1	1	1	1	1	1	1	1
2124	0	0	1	1	1	1	1	1	1	1
2125	0	0	1	1	1	1	1	1	1	1
2126	0	0	1	1	1	1	1	1	1	1
2127	0	0	1	1	1	1	1	1	1	1
2128	0	0	1	1	1	1	1	1	1	1
2129	0	0	1	1	1	1	1	1	1	1
2130	0	0	1	1	1	1	1	1	1	1
2131	0	0	1	1	1	1	1	1	1	1
2132	0	0	1	1	1	1	1	1	1	1
2133	0	0	1	1	1	1	1	1	1	1
2134	0	0	1	1	1	1	1	1	1	1
2135	0	0	1	1	1	1	1	1	1	1
2136	0	0	1	1	1	1	1	1	1	1
2137	0	0	1	1	1	1	1	1	1	1
2138	0	0	1	1	1	1	1	1	1	1
2139	0	0	1	1	1	1	1	1	1	1
2140	0	0	1	1	1	1	1	1	1	1
2141	0	0	1	1	1	1	1	1	1	1
2142	0	0	1	1	1	1	1	1	1	1
2143	0	0	1	1	1	1	1	1	1	1
2144	0	0	1	1	1	1	1	1	1	1
2145	0	0	1	1	1	1	1	1	1	1
2146	0	0	1	1	1	1	1	1	1	1
2147	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2148	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing	
2149	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing	
2150	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing	
2151	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing	
2152	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing	
2153	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing	
2154	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing	
2155	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing	
2156	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing	
2157	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing	
2158	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing	
2159	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing	
2160	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing	
2161	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing	
2162	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing	
2163	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing	
2164	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing	
2165	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing	
2166	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing	
2167	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing	
2168	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing	
2169	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing	
2170	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing	
2171	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing	
2172	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_new	4
2173	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new	4
2174	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new	4
2175	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new	4
2176	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new	4
2177	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new	4
2178	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new	4
2179	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new	4
2180	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2148	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2149	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2150	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2151	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2152	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2153	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
2154	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2155	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2156	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2157	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2158	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2159	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2160	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
2161	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
2162	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2163	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2164	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
2165	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
2166	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
2167	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
2168	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
2169	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2170	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
2171	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
2172	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2173	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2174	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2175	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2176	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2177	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2178	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2179	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2180	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2148	Redacted	ok	existing_generic	1	1	Redacted
2149	Redacted	ok	existing_generic	1	1	Redacted
2150	Redacted	ok	existing_generic	1	1	Redacted
2151	Redacted	ok	existing_generic	1	1	Redacted
2152	Redacted	ok	existing_generic	1	1	Redacted
2153	Redacted	ok	existing_generic	1	1	Redacted
2154	Redacted	ok	existing_generic	1	1	Redacted
2155	Redacted	ok	existing_generic	1	1	Redacted
2156	Redacted	ok	existing_generic	1	1	Redacted
2157	Redacted	ok	existing_generic	1	1	Redacted
2158	Redacted	ok	existing_generic	1	1	Redacted
2159	Redacted	ok	existing_generic	1	1	Redacted
2160	Redacted	ok	existing_generic	1	1	Redacted
2161	Redacted	ok	existing_generic	1	1	Redacted
2162	Redacted	ok	existing_generic	1	1	Redacted
2163	Redacted	ok	existing_generic	1	1	Redacted
2164	Redacted	ok	existing_generic	1	1	Redacted
2165	Redacted	ok	existing_generic	1	1	Redacted
2166	Redacted	ok	existing_generic	1	1	Redacted
2167	Redacted	ok	existing_generic	1	1	Redacted
2168	Redacted	ok	existing_generic	1	1	Redacted
2169	Redacted	ok	existing_generic	1	1	Redacted
2170	Redacted	ok	existing_generic	1	1	Redacted
2171	Redacted	ok	existing_generic	1	1	Redacted
2172	Redacted	ok	new_resolve	1	1	Redacted
2173	Redacted	ok	new_resolve	1	1	Redacted
2174	Redacted	ok	new_resolve	1	1	Redacted
2175	Redacted	ok	new_resolve	1	1	Redacted
2176	Redacted	ok	new_resolve	1	1	Redacted
2177	Redacted	ok	new_resolve	1	1	Redacted
2178	Redacted	ok	new_resolve	1	1	Redacted
2179	Redacted	ok	new_resolve	1	1	Redacted
2180	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2148	0	0	1	1	1	1	1	1	1	1
2149	0	0	1	1	1	1	1	1	1	1
2150	0	0	1	1	1	1	1	1	1	1
2151	0	0	1	1	1	1	1	1	1	1
2152	0	0	1	1	1	1	1	1	1	1
2153	0	0	1	1	1	1	1	1	1	1
2154	0	0	1	1	1	1	1	1	1	1
2155	0	0	1	1	1	1	1	1	1	1
2156	0	0	1	1	1	1	1	1	1	1
2157	0	0	1	1	1	1	1	1	1	1
2158	0	0	1	1	1	1	1	1	1	1
2159	0	0	1	1	1	1	1	1	1	1
2160	0	0	1	1	1	1	1	1	1	1
2161	0	0	1	1	1	1	1	1	1	1
2162	0	0	1	1	1	1	1	1	1	1
2163	0	0	1	1	1	1	1	1	1	1
2164	0	0	1	1	1	1	1	1	1	1
2165	0	0	1	1	1	1	1	1	1	1
2166	0	0	1	1	1	1	1	1	1	1
2167	0	0	1	1	1	1	1	1	1	1
2168	0	0	1	1	1	1	1	1	1	1
2169	0	0	1	1	1	1	1	1	1	1
2170	0	0	1	1	1	1	1	1	1	1
2171	0	0	1	1	1	1	1	1	1	1
2172	1	124	1	1	1	1	1	1	1	1
2173	0	0	1	1	1	1	1	1	1	1
2174	0	0	1	1	1	1	1	1	1	1
2175	0	0	1	1	1	1	1	1	1	1
2176	0	0	1	1	1	1	1	1	1	1
2177	0	0	1	1	1	1	1	1	1	1
2178	0	0	1	1	1	1	1	1	1	1
2179	0	0	1	1	1	1	1	1	1	1
2180	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2181	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new	4
2182	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new	4
2183	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new	4
2184	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new	4
2185	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new	4
2186	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new	4
2187	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new	4
2188	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new	4
2189	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new	4
2190	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new	4
2191	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new	4
2192	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new	4
2193	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new	4
2194	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new	4
2195	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new	4
2196	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new	4
2197	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new	4
2198	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new	4
2199	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new	4
2200	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new	4
2201	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new	4
2202	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new	4
2203	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new	4
2204	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new	4
2205	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new	4
2206	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new	4
2207	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new	4
2208	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new	4
2209	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new	4
2210	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new	4
2211	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new	4
2212	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new	4
2213	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2181	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2182	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2183	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2184	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2185	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2186	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2187	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2188	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2189	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2190	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2191	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2192	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2193	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2194	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2195	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2196	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2197	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2198	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2199	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2200	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2201	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2202	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2203	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2204	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2205	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2206	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2207	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2208	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2209	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2210	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2211	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2212	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2213	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2181	Redacted	ok	new_resolve	1	1	Redacted
2182	Redacted	ok	new_resolve	1	1	Redacted
2183	Redacted	ok	new_resolve	1	1	Redacted
2184	Redacted	ok	new_resolve	1	1	Redacted
2185	Redacted	ok	new_resolve	1	1	Redacted
2186	Redacted	ok	new_resolve	1	1	Redacted
2187	Redacted	ok	new_resolve	1	1	Redacted
2188	Redacted	ok	new_resolve	1	1	Redacted
2189	Redacted	ok	new_resolve	1	1	Redacted
2190	Redacted	ok	new_resolve	1	1	Redacted
2191	Redacted	ok	new_resolve	1	1	Redacted
2192	Redacted	ok	new_resolve	1	1	Redacted
2193	Redacted	ok	new_resolve	1	1	Redacted
2194	Redacted	ok	new_resolve	1	1	Redacted
2195	Redacted	ok	new_resolve	1	1	Redacted
2196	Redacted	ok	new_resolve	1	1	Redacted
2197	Redacted	ok	new_resolve	1	1	Redacted
2198	Redacted	ok	new_resolve	1	1	Redacted
2199	Redacted	ok	new_resolve	1	1	Redacted
2200	Redacted	ok	new_resolve	1	1	Redacted
2201	Redacted	ok	new_resolve	1	1	Redacted
2202	Redacted	ok	new_resolve	1	1	Redacted
2203	Redacted	ok	new_resolve	1	1	Redacted
2204	Redacted	ok	new_resolve	1	1	Redacted
2205	Redacted	ok	new_resolve	1	1	Redacted
2206	Redacted	ok	new_resolve	1	1	Redacted
2207	Redacted	ok	new_resolve	1	1	Redacted
2208	Redacted	ok	new_resolve	1	1	Redacted
2209	Redacted	ok	new_resolve	1	1	Redacted
2210	Redacted	ok	new_resolve	1	1	Redacted
2211	Redacted	ok	new_resolve	1	1	Redacted
2212	Redacted	ok	new_resolve	1	1	Redacted
2213	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2181	0	0	1	1	1	1	1	1	1	1
2182	0	0	1	1	1	1	1	1	1	1
2183	0	0	1	1	1	1	1	1	1	1
2184	0	0	1	1	1	1	1	1	1	1
2185	0	0	1	1	1	1	1	1	1	1
2186	0	0	1	1	1	1	1	1	1	1
2187	0	0	1	1	1	1	1	1	1	1
2188	0	0	1	1	1	1	1	1	1	1
2189	0	0	1	1	1	1	1	1	1	1
2190	0	0	1	1	1	1	1	1	1	1
2191	0	0	1	1	1	1	1	1	1	1
2192	0	0	1	1	1	1	1	1	1	1
2193	0	0	1	1	1	1	1	1	1	1
2194	0	0	1	1	1	1	1	1	1	1
2195	0	0	1	1	1	1	1	1	1	1
2196	0	0	1	1	1	1	1	1	1	1
2197	0	0	1	1	1	1	1	1	1	1
2198	0	0	1	1	1	1	1	1	1	1
2199	0	0	1	1	1	1	1	1	1	1
2200	0	0	1	1	1	1	1	1	1	1
2201	0	0	1	1	1	1	1	1	1	1
2202	0	0	1	1	1	1	1	1	1	1
2203	0	0	1	1	1	1	1	1	1	1
2204	0	0	1	1	1	1	1	1	1	1
2205	0	0	1	1	1	1	1	1	1	1
2206	0	0	1	1	1	1	1	1	1	1
2207	0	0	1	1	1	1	1	1	1	1
2208	0	0	1	1	1	1	1	1	1	1
2209	0	0	1	1	1	1	1	1	1	1
2210	0	0	1	1	1	1	1	1	1	1
2211	0	0	1	1	1	1	1	1	1	1
2212	0	0	1	1	1	1	1	1	1	1
2213	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2214	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new	4
2215	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new	4
2216	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new	4
2217	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new	4
2218	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new	4
2219	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new	4
2220	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new	4
2221	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new	4
2222	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new	4
2223	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new	4
2224	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new	4
2225	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new	4
2226	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new	4
2227	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new	4
2228	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new	4
2229	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new	4
2230	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new	4
2231	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new	4
2232	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new	4
2233	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new	4
2234	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new	4
2235	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new	4
2236	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new	4
2237	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new	4
2238	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new	4
2239	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new	4
2240	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new	4
2241	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new	4
2242	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new	4
2243	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new	4
2244	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new	4
2245	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new	4
2246	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2214	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2215	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2216	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2217	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2218	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2219	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2220	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2221	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2222	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2223	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2224	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2225	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2226	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2227	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2228	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2229	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2230	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2231	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2232	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2233	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2234	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2235	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2236	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2237	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2238	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2239	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2240	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2241	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2242	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2243	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2244	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2245	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2246	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2214	Redacted	ok	new_resolve	1	1	Redacted
2215	Redacted	ok	new_resolve	1	1	Redacted
2216	Redacted	ok	new_resolve	1	1	Redacted
2217	Redacted	ok	new_resolve	1	1	Redacted
2218	Redacted	ok	new_resolve	1	1	Redacted
2219	Redacted	ok	new_resolve	1	1	Redacted
2220	Redacted	ok	new_resolve	1	1	Redacted
2221	Redacted	ok	new_resolve	1	1	Redacted
2222	Redacted	ok	new_resolve	1	1	Redacted
2223	Redacted	ok	new_resolve	1	1	Redacted
2224	Redacted	ok	new_resolve	1	1	Redacted
2225	Redacted	ok	new_resolve	1	1	Redacted
2226	Redacted	ok	new_resolve	1	1	Redacted
2227	Redacted	ok	new_resolve	1	1	Redacted
2228	Redacted	ok	new_resolve	1	1	Redacted
2229	Redacted	ok	new_resolve	1	1	Redacted
2230	Redacted	ok	new_resolve	1	1	Redacted
2231	Redacted	ok	new_resolve	1	1	Redacted
2232	Redacted	ok	new_resolve	1	1	Redacted
2233	Redacted	ok	new_resolve	1	1	Redacted
2234	Redacted	ok	new_resolve	1	1	Redacted
2235	Redacted	ok	new_resolve	1	1	Redacted
2236	Redacted	ok	new_resolve	1	1	Redacted
2237	Redacted	ok	new_resolve	1	1	Redacted
2238	Redacted	ok	new_resolve	1	1	Redacted
2239	Redacted	ok	new_resolve	1	1	Redacted
2240	Redacted	ok	new_resolve	1	1	Redacted
2241	Redacted	ok	new_resolve	1	1	Redacted
2242	Redacted	ok	new_resolve	1	1	Redacted
2243	Redacted	ok	new_resolve	1	1	Redacted
2244	Redacted	ok	new_resolve	1	1	Redacted
2245	Redacted	ok	new_resolve	1	1	Redacted
2246	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2214	0	0	1	1	1	1	1	1	1	1
2215	0	0	1	1	1	1	1	1	1	1
2216	0	0	1	1	1	1	1	1	1	1
2217	0	0	1	1	1	1	1	1	1	1
2218	0	0	1	1	1	1	1	1	1	1
2219	0	0	1	1	1	1	1	1	1	1
2220	0	0	1	1	1	1	1	1	1	1
2221	0	0	1	1	1	1	1	1	1	1
2222	0	0	1	1	1	1	1	1	1	1
2223	0	0	1	1	1	1	1	1	1	1
2224	0	0	1	1	1	1	1	1	1	1
2225	0	0	1	1	1	1	1	1	1	1
2226	0	0	1	1	1	1	1	1	1	1
2227	0	0	1	1	1	1	1	1	1	1
2228	0	0	1	1	1	1	1	1	1	1
2229	0	0	1	1	1	1	1	1	1	1
2230	0	0	1	1	1	1	1	1	1	1
2231	0	0	1	1	1	1	1	1	1	1
2232	0	0	1	1	1	1	1	1	1	1
2233	0	0	1	1	1	1	1	1	1	1
2234	0	0	1	1	1	1	1	1	1	1
2235	0	0	1	1	1	1	1	1	1	1
2236	0	0	1	1	1	1	1	1	1	1
2237	0	0	1	1	1	1	1	1	1	1
2238	0	0	1	1	1	1	1	1	1	1
2239	0	0	1	1	1	1	1	1	1	1
2240	0	0	1	1	1	1	1	1	1	1
2241	0	0	1	1	1	1	1	1	1	1
2242	0	0	1	1	1	1	1	1	1	1
2243	0	0	1	1	1	1	1	1	1	1
2244	0	0	1	1	1	1	1	1	1	1
2245	0	0	1	1	1	1	1	1	1	1
2246	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2247	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new	4
2248	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new	4
2249	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new	4
2250	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new	4
2251	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new	4
2252	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new	4
2253	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new	4
2254	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new	4
2255	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new	4
2256	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new	4
2257	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new	4
2258	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new	4
2259	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new	4
2260	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new	4
2261	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new	4
2262	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new	4
2263	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new	4
2264	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new	4
2265	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new	4
2266	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new	4
2267	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new	4
2268	SVCEA	Redacted	Redacted	2023	1	Redacted		Redacted	planned_existing	
2269	SVCEA	Redacted	Redacted	2023	2	Redacted		Redacted	planned_existing	
2270	SVCEA	Redacted	Redacted	2023	3	Redacted		Redacted	planned_existing	
2271	SVCEA	Redacted	Redacted	2023	4	Redacted		Redacted	planned_existing	
2272	SVCEA	Redacted	Redacted	2023	5	Redacted		Redacted	planned_existing	
2273	SVCEA	Redacted	Redacted	2023	6	Redacted		Redacted	planned_existing	
2274	SVCEA	Redacted	Redacted	2023	7	Redacted		Redacted	planned_existing	
2275	SVCEA	Redacted	Redacted	2023	8	Redacted		Redacted	planned_existing	
2276	SVCEA	Redacted	Redacted	2023	9	Redacted		Redacted	planned_existing	
2277	SVCEA	Redacted	Redacted	2023	10	Redacted		Redacted	planned_existing	
2278	SVCEA	Redacted	Redacted	2023	11	Redacted		Redacted	planned_existing	
2279	SVCEA	Redacted	Redacted	2023	12	Redacted		Redacted	planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2247	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2248	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2249	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2250	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2251	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2252	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2253	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2254	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2255	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2256	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2257	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2258	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2259	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2260	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2261	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2262	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2263	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2264	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2265	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2266	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2267	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2268	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	Redacted
2269	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	Redacted
2270	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	Redacted
2271	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	Redacted
2272	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	Redacted
2273	Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1	Redacted
2274	Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1	Redacted
2275	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	Redacted
2276	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	Redacted
2277	Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1	Redacted
2278	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	Redacted
2279	Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2247	Redacted	ok	new_resolve	1	1	Redacted
2248	Redacted	ok	new_resolve	1	1	Redacted
2249	Redacted	ok	new_resolve	1	1	Redacted
2250	Redacted	ok	new_resolve	1	1	Redacted
2251	Redacted	ok	new_resolve	1	1	Redacted
2252	Redacted	ok	new_resolve	1	1	Redacted
2253	Redacted	ok	new_resolve	1	1	Redacted
2254	Redacted	ok	new_resolve	1	1	Redacted
2255	Redacted	ok	new_resolve	1	1	Redacted
2256	Redacted	ok	new_resolve	1	1	Redacted
2257	Redacted	ok	new_resolve	1	1	Redacted
2258	Redacted	ok	new_resolve	1	1	Redacted
2259	Redacted	ok	new_resolve	1	1	Redacted
2260	Redacted	ok	new_resolve	1	1	Redacted
2261	Redacted	ok	new_resolve	1	1	Redacted
2262	Redacted	ok	new_resolve	1	1	Redacted
2263	Redacted	ok	new_resolve	1	1	Redacted
2264	Redacted	ok	new_resolve	1	1	Redacted
2265	Redacted	ok	new_resolve	1	1	Redacted
2266	Redacted	ok	new_resolve	1	1	Redacted
2267	Redacted	ok	new_resolve	1	1	Redacted
2268	Redacted	ok	existing_generic	1	1	Redacted
2269	Redacted	ok	existing_generic	1	1	Redacted
2270	Redacted	ok	existing_generic	1	1	Redacted
2271	Redacted	ok	existing_generic	1	1	Redacted
2272	Redacted	ok	existing_generic	1	1	Redacted
2273	Redacted	ok	existing_generic	1	1	Redacted
2274	Redacted	ok	existing_generic	1	1	Redacted
2275	Redacted	ok	existing_generic	1	1	Redacted
2276	Redacted	ok	existing_generic	1	1	Redacted
2277	Redacted	ok	existing_generic	1	1	Redacted
2278	Redacted	ok	existing_generic	1	1	Redacted
2279	Redacted	ok	existing_generic	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2247	0	0	1	1	1	1	1	1	1	1
2248	0	0	1	1	1	1	1	1	1	1
2249	0	0	1	1	1	1	1	1	1	1
2250	0	0	1	1	1	1	1	1	1	1
2251	0	0	1	1	1	1	1	1	1	1
2252	0	0	1	1	1	1	1	1	1	1
2253	0	0	1	1	1	1	1	1	1	1
2254	0	0	1	1	1	1	1	1	1	1
2255	0	0	1	1	1	1	1	1	1	1
2256	0	0	1	1	1	1	1	1	1	1
2257	0	0	1	1	1	1	1	1	1	1
2258	0	0	1	1	1	1	1	1	1	1
2259	0	0	1	1	1	1	1	1	1	1
2260	0	0	1	1	1	1	1	1	1	1
2261	0	0	1	1	1	1	1	1	1	1
2262	0	0	1	1	1	1	1	1	1	1
2263	0	0	1	1	1	1	1	1	1	1
2264	0	0	1	1	1	1	1	1	1	1
2265	0	0	1	1	1	1	1	1	1	1
2266	0	0	1	1	1	1	1	1	1	1
2267	0	0	1	1	1	1	1	1	1	1
2268	1	125	1	1	1	1	1	1	1	1
2269	0	0	1	1	1	1	1	1	1	1
2270	0	0	1	1	1	1	1	1	1	1
2271	0	0	1	1	1	1	1	1	1	1
2272	0	0	1	1	1	1	1	1	1	1
2273	0	0	1	1	1	1	1	1	1	1
2274	0	0	1	1	1	1	1	1	1	1
2275	0	0	1	1	1	1	1	1	1	1
2276	0	0	1	1	1	1	1	1	1	1
2277	0	0	1	1	1	1	1	1	1	1
2278	0	0	1	1	1	1	1	1	1	1
2279	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2280	SVCEA	Redacted	Redacted	2024	1	Redacted		Redacted	planned_existing	
2281	SVCEA	Redacted	Redacted	2024	2	Redacted		Redacted	planned_existing	
2282	SVCEA	Redacted	Redacted	2024	3	Redacted		Redacted	planned_existing	
2283	SVCEA	Redacted	Redacted	2024	4	Redacted		Redacted	planned_existing	
2284	SVCEA	Redacted	Redacted	2024	5	Redacted		Redacted	planned_existing	
2285	SVCEA	Redacted	Redacted	2024	6	Redacted		Redacted	planned_existing	
2286	SVCEA	Redacted	Redacted	2024	7	Redacted		Redacted	planned_existing	
2287	SVCEA	Redacted	Redacted	2024	8	Redacted		Redacted	planned_existing	
2288	SVCEA	Redacted	Redacted	2024	9	Redacted		Redacted	planned_existing	
2289	SVCEA	Redacted	Redacted	2024	10	Redacted		Redacted	planned_existing	
2290	SVCEA	Redacted	Redacted	2024	11	Redacted		Redacted	planned_existing	
2291	SVCEA	Redacted	Redacted	2024	12	Redacted		Redacted	planned_existing	
2292	SVCEA	Redacted	Redacted	2025	1	Redacted		Redacted	planned_existing	
2293	SVCEA	Redacted	Redacted	2025	2	Redacted		Redacted	planned_existing	
2294	SVCEA	Redacted	Redacted	2025	3	Redacted		Redacted	planned_existing	
2295	SVCEA	Redacted	Redacted	2025	4	Redacted		Redacted	planned_existing	
2296	SVCEA	Redacted	Redacted	2025	5	Redacted		Redacted	planned_existing	
2297	SVCEA	Redacted	Redacted	2025	6	Redacted		Redacted	planned_existing	
2298	SVCEA	Redacted	Redacted	2025	7	Redacted		Redacted	planned_existing	
2299	SVCEA	Redacted	Redacted	2025	8	Redacted		Redacted	planned_existing	
2300	SVCEA	Redacted	Redacted	2025	9	Redacted		Redacted	planned_existing	
2301	SVCEA	Redacted	Redacted	2025	10	Redacted		Redacted	planned_existing	
2302	SVCEA	Redacted	Redacted	2025	11	Redacted		Redacted	planned_existing	
2303	SVCEA	Redacted	Redacted	2025	12	Redacted		Redacted	planned_existing	
2304	SVCEA	Redacted	Redacted	2026	1	Redacted		Redacted	planned_existing	
2305	SVCEA	Redacted	Redacted	2026	2	Redacted		Redacted	planned_existing	
2306	SVCEA	Redacted	Redacted	2026	3	Redacted		Redacted	planned_existing	
2307	SVCEA	Redacted	Redacted	2026	4	Redacted		Redacted	planned_existing	
2308	SVCEA	Redacted	Redacted	2026	5	Redacted		Redacted	planned_existing	
2309	SVCEA	Redacted	Redacted	2026	6	Redacted		Redacted	planned_existing	
2310	SVCEA	Redacted	Redacted	2026	7	Redacted		Redacted	planned_existing	
2311	SVCEA	Redacted	Redacted	2026	8	Redacted		Redacted	planned_existing	
2312	SVCEA	Redacted	Redacted	2026	9	Redacted		Redacted	planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2280	Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1	Redacted
2281	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	Redacted
2282	Redacted	Redacted	Redacted	1	Redacted	Redacted	32%	1	Redacted
2283	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	Redacted
2284	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	Redacted
2285	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2286	Redacted	Redacted	Redacted	1	Redacted	Redacted	26%	1	Redacted
2287	Redacted	Redacted	Redacted	1	Redacted	Redacted	24%	1	Redacted
2288	Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1	Redacted
2289	Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1	Redacted
2290	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	Redacted
2291	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	Redacted
2292	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	Redacted
2293	Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1	Redacted
2294	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2295	Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1	Redacted
2296	Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1	Redacted
2297	Redacted	Redacted	Redacted	1	Redacted	Redacted	44%	1	Redacted
2298	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	Redacted
2299	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	Redacted
2300	Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1	Redacted
2301	Redacted	Redacted	Redacted	1	Redacted	Redacted	11%	1	Redacted
2302	Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1	Redacted
2303	Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1	Redacted
2304	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	Redacted
2305	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2306	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	Redacted
2307	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2308	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2309	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	Redacted
2310	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	Redacted
2311	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	Redacted
2312	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2280	Redacted	ok	existing_generic	1	1	Redacted
2281	Redacted	ok	existing_generic	1	1	Redacted
2282	Redacted	ok	existing_generic	1	1	Redacted
2283	Redacted	ok	existing_generic	1	1	Redacted
2284	Redacted	ok	existing_generic	1	1	Redacted
2285	Redacted	ok	existing_generic	1	1	Redacted
2286	Redacted	ok	existing_generic	1	1	Redacted
2287	Redacted	ok	existing_generic	1	1	Redacted
2288	Redacted	ok	existing_generic	1	1	Redacted
2289	Redacted	ok	existing_generic	1	1	Redacted
2290	Redacted	ok	existing_generic	1	1	Redacted
2291	Redacted	ok	existing_generic	1	1	Redacted
2292	Redacted	ok	existing_generic	1	1	Redacted
2293	Redacted	ok	existing_generic	1	1	Redacted
2294	Redacted	ok	existing_generic	1	1	Redacted
2295	Redacted	ok	existing_generic	1	1	Redacted
2296	Redacted	ok	existing_generic	1	1	Redacted
2297	Redacted	ok	existing_generic	1	1	Redacted
2298	Redacted	ok	existing_generic	1	1	Redacted
2299	Redacted	ok	existing_generic	1	1	Redacted
2300	Redacted	ok	existing_generic	1	1	Redacted
2301	Redacted	ok	existing_generic	1	1	Redacted
2302	Redacted	ok	existing_generic	1	1	Redacted
2303	Redacted	ok	existing_generic	1	1	Redacted
2304	Redacted	ok	existing_generic	1	1	Redacted
2305	Redacted	ok	existing_generic	1	1	Redacted
2306	Redacted	ok	existing_generic	1	1	Redacted
2307	Redacted	ok	existing_generic	1	1	Redacted
2308	Redacted	ok	existing_generic	1	1	Redacted
2309	Redacted	ok	existing_generic	1	1	Redacted
2310	Redacted	ok	existing_generic	1	1	Redacted
2311	Redacted	ok	existing_generic	1	1	Redacted
2312	Redacted	ok	existing_generic	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2280	0	0	1	1	1	1	1	1	1	1
2281	0	0	1	1	1	1	1	1	1	1
2282	0	0	1	1	1	1	1	1	1	1
2283	0	0	1	1	1	1	1	1	1	1
2284	0	0	1	1	1	1	1	1	1	1
2285	0	0	1	1	1	1	1	1	1	1
2286	0	0	1	1	1	1	1	1	1	1
2287	0	0	1	1	1	1	1	1	1	1
2288	0	0	1	1	1	1	1	1	1	1
2289	0	0	1	1	1	1	1	1	1	1
2290	0	0	1	1	1	1	1	1	1	1
2291	0	0	1	1	1	1	1	1	1	1
2292	0	0	1	1	1	1	1	1	1	1
2293	0	0	1	1	1	1	1	1	1	1
2294	0	0	1	1	1	1	1	1	1	1
2295	0	0	1	1	1	1	1	1	1	1
2296	0	0	1	1	1	1	1	1	1	1
2297	0	0	1	1	1	1	1	1	1	1
2298	0	0	1	1	1	1	1	1	1	1
2299	0	0	1	1	1	1	1	1	1	1
2300	0	0	1	1	1	1	1	1	1	1
2301	0	0	1	1	1	1	1	1	1	1
2302	0	0	1	1	1	1	1	1	1	1
2303	0	0	1	1	1	1	1	1	1	1
2304	0	0	1	1	1	1	1	1	1	1
2305	0	0	1	1	1	1	1	1	1	1
2306	0	0	1	1	1	1	1	1	1	1
2307	0	0	1	1	1	1	1	1	1	1
2308	0	0	1	1	1	1	1	1	1	1
2309	0	0	1	1	1	1	1	1	1	1
2310	0	0	1	1	1	1	1	1	1	1
2311	0	0	1	1	1	1	1	1	1	1
2312	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2313	SVCEA	Redacted	Redacted	2026	10	Redacted		Redacted	planned_existing	
2314	SVCEA	Redacted	Redacted	2026	11	Redacted		Redacted	planned_existing	
2315	SVCEA	Redacted	Redacted	2026	12	Redacted		Redacted	planned_existing	
2316	SVCEA	Redacted	Redacted	2027	1	Redacted		Redacted	planned_existing	
2317	SVCEA	Redacted	Redacted	2027	2	Redacted		Redacted	planned_existing	
2318	SVCEA	Redacted	Redacted	2027	3	Redacted		Redacted	planned_existing	
2319	SVCEA	Redacted	Redacted	2027	4	Redacted		Redacted	planned_existing	
2320	SVCEA	Redacted	Redacted	2027	5	Redacted		Redacted	planned_existing	
2321	SVCEA	Redacted	Redacted	2027	6	Redacted		Redacted	planned_existing	
2322	SVCEA	Redacted	Redacted	2027	7	Redacted		Redacted	planned_existing	
2323	SVCEA	Redacted	Redacted	2027	8	Redacted		Redacted	planned_existing	
2324	SVCEA	Redacted	Redacted	2027	9	Redacted		Redacted	planned_existing	
2325	SVCEA	Redacted	Redacted	2027	10	Redacted		Redacted	planned_existing	
2326	SVCEA	Redacted	Redacted	2027	11	Redacted		Redacted	planned_existing	
2327	SVCEA	Redacted	Redacted	2027	12	Redacted		Redacted	planned_existing	
2328	SVCEA	Redacted	Redacted	2028	1	Redacted		Redacted	planned_existing	
2329	SVCEA	Redacted	Redacted	2028	2	Redacted		Redacted	planned_existing	
2330	SVCEA	Redacted	Redacted	2028	3	Redacted		Redacted	planned_existing	
2331	SVCEA	Redacted	Redacted	2028	4	Redacted		Redacted	planned_existing	
2332	SVCEA	Redacted	Redacted	2028	5	Redacted		Redacted	planned_existing	
2333	SVCEA	Redacted	Redacted	2028	6	Redacted		Redacted	planned_existing	
2334	SVCEA	Redacted	Redacted	2028	7	Redacted		Redacted	planned_existing	
2335	SVCEA	Redacted	Redacted	2028	8	Redacted		Redacted	planned_existing	
2336	SVCEA	Redacted	Redacted	2028	9	Redacted		Redacted	planned_existing	
2337	SVCEA	Redacted	Redacted	2028	10	Redacted		Redacted	planned_existing	
2338	SVCEA	Redacted	Redacted	2028	11	Redacted		Redacted	planned_existing	
2339	SVCEA	Redacted	Redacted	2028	12	Redacted		Redacted	planned_existing	
2340	SVCEA	Redacted	Redacted	2029	1	Redacted		Redacted	planned_existing	
2341	SVCEA	Redacted	Redacted	2029	2	Redacted		Redacted	planned_existing	
2342	SVCEA	Redacted	Redacted	2029	3	Redacted		Redacted	planned_existing	
2343	SVCEA	Redacted	Redacted	2029	4	Redacted		Redacted	planned_existing	
2344	SVCEA	Redacted	Redacted	2029	5	Redacted		Redacted	planned_existing	
2345	SVCEA	Redacted	Redacted	2029	6	Redacted		Redacted	planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2313	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	Redacted
2314	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2315	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	Redacted
2316	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	Redacted
2317	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2318	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	Redacted
2319	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2320	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2321	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	Redacted
2322	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	Redacted
2323	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	Redacted
2324	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	Redacted
2325	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	Redacted
2326	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2327	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	Redacted
2328	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	Redacted
2329	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2330	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	Redacted
2331	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2332	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2333	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	Redacted
2334	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	Redacted
2335	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	Redacted
2336	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	Redacted
2337	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	Redacted
2338	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2339	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	Redacted
2340	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	Redacted
2341	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2342	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	Redacted
2343	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2344	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2345	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2313	Redacted	ok	existing_generic	1	1	Redacted
2314	Redacted	ok	existing_generic	1	1	Redacted
2315	Redacted	ok	existing_generic	1	1	Redacted
2316	Redacted	ok	existing_generic	1	1	Redacted
2317	Redacted	ok	existing_generic	1	1	Redacted
2318	Redacted	ok	existing_generic	1	1	Redacted
2319	Redacted	ok	existing_generic	1	1	Redacted
2320	Redacted	ok	existing_generic	1	1	Redacted
2321	Redacted	ok	existing_generic	1	1	Redacted
2322	Redacted	ok	existing_generic	1	1	Redacted
2323	Redacted	ok	existing_generic	1	1	Redacted
2324	Redacted	ok	existing_generic	1	1	Redacted
2325	Redacted	ok	existing_generic	1	1	Redacted
2326	Redacted	ok	existing_generic	1	1	Redacted
2327	Redacted	ok	existing_generic	1	1	Redacted
2328	Redacted	ok	existing_generic	1	1	Redacted
2329	Redacted	ok	existing_generic	1	1	Redacted
2330	Redacted	ok	existing_generic	1	1	Redacted
2331	Redacted	ok	existing_generic	1	1	Redacted
2332	Redacted	ok	existing_generic	1	1	Redacted
2333	Redacted	ok	existing_generic	1	1	Redacted
2334	Redacted	ok	existing_generic	1	1	Redacted
2335	Redacted	ok	existing_generic	1	1	Redacted
2336	Redacted	ok	existing_generic	1	1	Redacted
2337	Redacted	ok	existing_generic	1	1	Redacted
2338	Redacted	ok	existing_generic	1	1	Redacted
2339	Redacted	ok	existing_generic	1	1	Redacted
2340	Redacted	ok	existing_generic	1	1	Redacted
2341	Redacted	ok	existing_generic	1	1	Redacted
2342	Redacted	ok	existing_generic	1	1	Redacted
2343	Redacted	ok	existing_generic	1	1	Redacted
2344	Redacted	ok	existing_generic	1	1	Redacted
2345	Redacted	ok	existing_generic	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2313	0	0	1	1	1	1	1	1	1	1
2314	0	0	1	1	1	1	1	1	1	1
2315	0	0	1	1	1	1	1	1	1	1
2316	0	0	1	1	1	1	1	1	1	1
2317	0	0	1	1	1	1	1	1	1	1
2318	0	0	1	1	1	1	1	1	1	1
2319	0	0	1	1	1	1	1	1	1	1
2320	0	0	1	1	1	1	1	1	1	1
2321	0	0	1	1	1	1	1	1	1	1
2322	0	0	1	1	1	1	1	1	1	1
2323	0	0	1	1	1	1	1	1	1	1
2324	0	0	1	1	1	1	1	1	1	1
2325	0	0	1	1	1	1	1	1	1	1
2326	0	0	1	1	1	1	1	1	1	1
2327	0	0	1	1	1	1	1	1	1	1
2328	0	0	1	1	1	1	1	1	1	1
2329	0	0	1	1	1	1	1	1	1	1
2330	0	0	1	1	1	1	1	1	1	1
2331	0	0	1	1	1	1	1	1	1	1
2332	0	0	1	1	1	1	1	1	1	1
2333	0	0	1	1	1	1	1	1	1	1
2334	0	0	1	1	1	1	1	1	1	1
2335	0	0	1	1	1	1	1	1	1	1
2336	0	0	1	1	1	1	1	1	1	1
2337	0	0	1	1	1	1	1	1	1	1
2338	0	0	1	1	1	1	1	1	1	1
2339	0	0	1	1	1	1	1	1	1	1
2340	0	0	1	1	1	1	1	1	1	1
2341	0	0	1	1	1	1	1	1	1	1
2342	0	0	1	1	1	1	1	1	1	1
2343	0	0	1	1	1	1	1	1	1	1
2344	0	0	1	1	1	1	1	1	1	1
2345	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2346	SVCEA	Redacted	Redacted	2029	7	Redacted		Redacted	planned_existing	
2347	SVCEA	Redacted	Redacted	2029	8	Redacted		Redacted	planned_existing	
2348	SVCEA	Redacted	Redacted	2029	9	Redacted		Redacted	planned_existing	
2349	SVCEA	Redacted	Redacted	2029	10	Redacted		Redacted	planned_existing	
2350	SVCEA	Redacted	Redacted	2029	11	Redacted		Redacted	planned_existing	
2351	SVCEA	Redacted	Redacted	2029	12	Redacted		Redacted	planned_existing	
2352	SVCEA	Redacted	Redacted	2030	1	Redacted		Redacted	planned_existing	
2353	SVCEA	Redacted	Redacted	2030	2	Redacted		Redacted	planned_existing	
2354	SVCEA	Redacted	Redacted	2030	3	Redacted		Redacted	planned_existing	
2355	SVCEA	Redacted	Redacted	2030	4	Redacted		Redacted	planned_existing	
2356	SVCEA	Redacted	Redacted	2030	5	Redacted		Redacted	planned_existing	
2357	SVCEA	Redacted	Redacted	2030	6	Redacted		Redacted	planned_existing	
2358	SVCEA	Redacted	Redacted	2030	7	Redacted		Redacted	planned_existing	
2359	SVCEA	Redacted	Redacted	2030	8	Redacted		Redacted	planned_existing	
2360	SVCEA	Redacted	Redacted	2030	9	Redacted		Redacted	planned_existing	
2361	SVCEA	Redacted	Redacted	2030	10	Redacted		Redacted	planned_existing	
2362	SVCEA	Redacted	Redacted	2030	11	Redacted		Redacted	planned_existing	
2363	SVCEA	Redacted	Redacted	2030	12	Redacted		Redacted	planned_existing	
2364	SVCEA	Redacted	Redacted	2023	1	Redacted		Redacted	planned_new	
2365	SVCEA	Redacted	Redacted	2023	2	Redacted		Redacted	planned_new	
2366	SVCEA	Redacted	Redacted	2023	3	Redacted		Redacted	planned_new	
2367	SVCEA	Redacted	Redacted	2023	4	Redacted		Redacted	planned_new	
2368	SVCEA	Redacted	Redacted	2023	5	Redacted		Redacted	planned_new	
2369	SVCEA	Redacted	Redacted	2023	6	Redacted		Redacted	planned_new	
2370	SVCEA	Redacted	Redacted	2023	7	Redacted		Redacted	planned_new	
2371	SVCEA	Redacted	Redacted	2023	8	Redacted		Redacted	planned_new	
2372	SVCEA	Redacted	Redacted	2023	9	Redacted		Redacted	planned_new	
2373	SVCEA	Redacted	Redacted	2023	10	Redacted		Redacted	planned_new	
2374	SVCEA	Redacted	Redacted	2023	11	Redacted		Redacted	planned_new	
2375	SVCEA	Redacted	Redacted	2023	12	Redacted		Redacted	planned_new	
2376	SVCEA	Redacted	Redacted	2024	1	Redacted		Redacted	planned_new	
2377	SVCEA	Redacted	Redacted	2024	2	Redacted		Redacted	planned_new	
2378	SVCEA	Redacted	Redacted	2024	3	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2346	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	Redacted
2347	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	Redacted
2348	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	Redacted
2349	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	Redacted
2350	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2351	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	Redacted
2352	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	Redacted
2353	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2354	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	Redacted
2355	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2356	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	Redacted
2357	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	Redacted
2358	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	Redacted
2359	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	Redacted
2360	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	Redacted
2361	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	Redacted
2362	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	Redacted
2363	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	Redacted
2364	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2365	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2366	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2367	Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1	Redacted
2368	Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1	Redacted
2369	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2370	Redacted	Redacted	Redacted	0	Redacted	Redacted	23%	1	Redacted
2371	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2372	Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1	Redacted
2373	Redacted	Redacted	Redacted	0	Redacted	Redacted	8%	1	Redacted
2374	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2375	Redacted	Redacted	Redacted	0	Redacted	Redacted	13%	1	Redacted
2376	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2377	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2378	Redacted	Redacted	Redacted	0	Redacted	Redacted	32%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2346	Redacted	ok	existing_generic	1	1	Redacted
2347	Redacted	ok	existing_generic	1	1	Redacted
2348	Redacted	ok	existing_generic	1	1	Redacted
2349	Redacted	ok	existing_generic	1	1	Redacted
2350	Redacted	ok	existing_generic	1	1	Redacted
2351	Redacted	ok	existing_generic	1	1	Redacted
2352	Redacted	ok	existing_generic	1	1	Redacted
2353	Redacted	ok	existing_generic	1	1	Redacted
2354	Redacted	ok	existing_generic	1	1	Redacted
2355	Redacted	ok	existing_generic	1	1	Redacted
2356	Redacted	ok	existing_generic	1	1	Redacted
2357	Redacted	ok	existing_generic	1	1	Redacted
2358	Redacted	ok	existing_generic	1	1	Redacted
2359	Redacted	ok	existing_generic	1	1	Redacted
2360	Redacted	ok	existing_generic	1	1	Redacted
2361	Redacted	ok	existing_generic	1	1	Redacted
2362	Redacted	ok	existing_generic	1	1	Redacted
2363	Redacted	ok	existing_generic	1	1	Redacted
2364	Redacted	ok	new_resolve	1	1	Redacted
2365	Redacted	ok	new_resolve	1	1	Redacted
2366	Redacted	ok	new_resolve	1	1	Redacted
2367	Redacted	ok	new_resolve	1	1	Redacted
2368	Redacted	ok	new_resolve	1	1	Redacted
2369	Redacted	ok	new_resolve	1	1	Redacted
2370	Redacted	ok	new_resolve	1	1	Redacted
2371	Redacted	ok	new_resolve	1	1	Redacted
2372	Redacted	ok	new_resolve	1	1	Redacted
2373	Redacted	ok	new_resolve	1	1	Redacted
2374	Redacted	ok	new_resolve	1	1	Redacted
2375	Redacted	ok	new_resolve	1	1	Redacted
2376	Redacted	ok	new_resolve	1	1	Redacted
2377	Redacted	ok	new_resolve	1	1	Redacted
2378	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2346	0	0	1	1	1	1	1	1	1	1
2347	0	0	1	1	1	1	1	1	1	1
2348	0	0	1	1	1	1	1	1	1	1
2349	0	0	1	1	1	1	1	1	1	1
2350	0	0	1	1	1	1	1	1	1	1
2351	0	0	1	1	1	1	1	1	1	1
2352	0	0	1	1	1	1	1	1	1	1
2353	0	0	1	1	1	1	1	1	1	1
2354	0	0	1	1	1	1	1	1	1	1
2355	0	0	1	1	1	1	1	1	1	1
2356	0	0	1	1	1	1	1	1	1	1
2357	0	0	1	1	1	1	1	1	1	1
2358	0	0	1	1	1	1	1	1	1	1
2359	0	0	1	1	1	1	1	1	1	1
2360	0	0	1	1	1	1	1	1	1	1
2361	0	0	1	1	1	1	1	1	1	1
2362	0	0	1	1	1	1	1	1	1	1
2363	0	0	1	1	1	1	1	1	1	1
2364	1	126	1	1	1	1	1	1	1	1
2365	0	0	1	1	1	1	1	1	1	1
2366	0	0	1	1	1	1	1	1	1	1
2367	0	0	1	1	1	1	1	1	1	1
2368	0	0	1	1	1	1	1	1	1	1
2369	0	0	1	1	1	1	1	1	1	1
2370	0	0	1	1	1	1	1	1	1	1
2371	0	0	1	1	1	1	1	1	1	1
2372	0	0	1	1	1	1	1	1	1	1
2373	0	0	1	1	1	1	1	1	1	1
2374	0	0	1	1	1	1	1	1	1	1
2375	0	0	1	1	1	1	1	1	1	1
2376	0	0	1	1	1	1	1	1	1	1
2377	0	0	1	1	1	1	1	1	1	1
2378	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2379	SVCEA	Redacted	Redacted	2024	4	Redacted		Redacted	planned_new	
2380	SVCEA	Redacted	Redacted	2024	5	Redacted		Redacted	planned_new	
2381	SVCEA	Redacted	Redacted	2024	6	Redacted		Redacted	planned_new	
2382	SVCEA	Redacted	Redacted	2024	7	Redacted		Redacted	planned_new	
2383	SVCEA	Redacted	Redacted	2024	8	Redacted		Redacted	planned_new	
2384	SVCEA	Redacted	Redacted	2024	9	Redacted		Redacted	planned_new	
2385	SVCEA	Redacted	Redacted	2024	10	Redacted		Redacted	planned_new	
2386	SVCEA	Redacted	Redacted	2024	11	Redacted		Redacted	planned_new	
2387	SVCEA	Redacted	Redacted	2024	12	Redacted		Redacted	planned_new	
2388	SVCEA	Redacted	Redacted	2025	1	Redacted		Redacted	planned_new	
2389	SVCEA	Redacted	Redacted	2025	2	Redacted		Redacted	planned_new	
2390	SVCEA	Redacted	Redacted	2025	3	Redacted		Redacted	planned_new	
2391	SVCEA	Redacted	Redacted	2025	4	Redacted		Redacted	planned_new	
2392	SVCEA	Redacted	Redacted	2025	5	Redacted		Redacted	planned_new	
2393	SVCEA	Redacted	Redacted	2025	6	Redacted		Redacted	planned_new	
2394	SVCEA	Redacted	Redacted	2025	7	Redacted		Redacted	planned_new	
2395	SVCEA	Redacted	Redacted	2025	8	Redacted		Redacted	planned_new	
2396	SVCEA	Redacted	Redacted	2025	9	Redacted		Redacted	planned_new	
2397	SVCEA	Redacted	Redacted	2025	10	Redacted		Redacted	planned_new	
2398	SVCEA	Redacted	Redacted	2025	11	Redacted		Redacted	planned_new	
2399	SVCEA	Redacted	Redacted	2025	12	Redacted		Redacted	planned_new	
2400	SVCEA	Redacted	Redacted	2026	1	Redacted		Redacted	planned_new	
2401	SVCEA	Redacted	Redacted	2026	2	Redacted		Redacted	planned_new	
2402	SVCEA	Redacted	Redacted	2026	3	Redacted		Redacted	planned_new	
2403	SVCEA	Redacted	Redacted	2026	4	Redacted		Redacted	planned_new	
2404	SVCEA	Redacted	Redacted	2026	5	Redacted		Redacted	planned_new	
2405	SVCEA	Redacted	Redacted	2026	6	Redacted		Redacted	planned_new	
2406	SVCEA	Redacted	Redacted	2026	7	Redacted		Redacted	planned_new	
2407	SVCEA	Redacted	Redacted	2026	8	Redacted		Redacted	planned_new	
2408	SVCEA	Redacted	Redacted	2026	9	Redacted		Redacted	planned_new	
2409	SVCEA	Redacted	Redacted	2026	10	Redacted		Redacted	planned_new	
2410	SVCEA	Redacted	Redacted	2026	11	Redacted		Redacted	planned_new	
2411	SVCEA	Redacted	Redacted	2026	12	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2379	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2380	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2381	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2382	Redacted	Redacted	Redacted	0	Redacted	Redacted	26%	1	Redacted
2383	Redacted	Redacted	Redacted	0	Redacted	Redacted	24%	1	Redacted
2384	Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1	Redacted
2385	Redacted	Redacted	Redacted	0	Redacted	Redacted	9%	1	Redacted
2386	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2387	Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1	Redacted
2388	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2389	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2390	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2391	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2392	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2393	Redacted	Redacted	Redacted	0	Redacted	Redacted	44%	1	Redacted
2394	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2395	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2396	Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1	Redacted
2397	Redacted	Redacted	Redacted	0	Redacted	Redacted	11%	1	Redacted
2398	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2399	Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1	Redacted
2400	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2401	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2402	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2403	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2404	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2405	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2406	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2407	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2408	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2409	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2410	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2411	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2379	Redacted	ok	new_resolve	1	1	Redacted
2380	Redacted	ok	new_resolve	1	1	Redacted
2381	Redacted	ok	new_resolve	1	1	Redacted
2382	Redacted	ok	new_resolve	1	1	Redacted
2383	Redacted	ok	new_resolve	1	1	Redacted
2384	Redacted	ok	new_resolve	1	1	Redacted
2385	Redacted	ok	new_resolve	1	1	Redacted
2386	Redacted	ok	new_resolve	1	1	Redacted
2387	Redacted	ok	new_resolve	1	1	Redacted
2388	Redacted	ok	new_resolve	1	1	Redacted
2389	Redacted	ok	new_resolve	1	1	Redacted
2390	Redacted	ok	new_resolve	1	1	Redacted
2391	Redacted	ok	new_resolve	1	1	Redacted
2392	Redacted	ok	new_resolve	1	1	Redacted
2393	Redacted	ok	new_resolve	1	1	Redacted
2394	Redacted	ok	new_resolve	1	1	Redacted
2395	Redacted	ok	new_resolve	1	1	Redacted
2396	Redacted	ok	new_resolve	1	1	Redacted
2397	Redacted	ok	new_resolve	1	1	Redacted
2398	Redacted	ok	new_resolve	1	1	Redacted
2399	Redacted	ok	new_resolve	1	1	Redacted
2400	Redacted	ok	new_resolve	1	1	Redacted
2401	Redacted	ok	new_resolve	1	1	Redacted
2402	Redacted	ok	new_resolve	1	1	Redacted
2403	Redacted	ok	new_resolve	1	1	Redacted
2404	Redacted	ok	new_resolve	1	1	Redacted
2405	Redacted	ok	new_resolve	1	1	Redacted
2406	Redacted	ok	new_resolve	1	1	Redacted
2407	Redacted	ok	new_resolve	1	1	Redacted
2408	Redacted	ok	new_resolve	1	1	Redacted
2409	Redacted	ok	new_resolve	1	1	Redacted
2410	Redacted	ok	new_resolve	1	1	Redacted
2411	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2379	0	0	1	1	1	1	1	1	1	1
2380	0	0	1	1	1	1	1	1	1	1
2381	0	0	1	1	1	1	1	1	1	1
2382	0	0	1	1	1	1	1	1	1	1
2383	0	0	1	1	1	1	1	1	1	1
2384	0	0	1	1	1	1	1	1	1	1
2385	0	0	1	1	1	1	1	1	1	1
2386	0	0	1	1	1	1	1	1	1	1
2387	0	0	1	1	1	1	1	1	1	1
2388	0	0	1	1	1	1	1	1	1	1
2389	0	0	1	1	1	1	1	1	1	1
2390	0	0	1	1	1	1	1	1	1	1
2391	0	0	1	1	1	1	1	1	1	1
2392	0	0	1	1	1	1	1	1	1	1
2393	0	0	1	1	1	1	1	1	1	1
2394	0	0	1	1	1	1	1	1	1	1
2395	0	0	1	1	1	1	1	1	1	1
2396	0	0	1	1	1	1	1	1	1	1
2397	0	0	1	1	1	1	1	1	1	1
2398	0	0	1	1	1	1	1	1	1	1
2399	0	0	1	1	1	1	1	1	1	1
2400	0	0	1	1	1	1	1	1	1	1
2401	0	0	1	1	1	1	1	1	1	1
2402	0	0	1	1	1	1	1	1	1	1
2403	0	0	1	1	1	1	1	1	1	1
2404	0	0	1	1	1	1	1	1	1	1
2405	0	0	1	1	1	1	1	1	1	1
2406	0	0	1	1	1	1	1	1	1	1
2407	0	0	1	1	1	1	1	1	1	1
2408	0	0	1	1	1	1	1	1	1	1
2409	0	0	1	1	1	1	1	1	1	1
2410	0	0	1	1	1	1	1	1	1	1
2411	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2412	SVCEA	Redacted	Redacted	2027	1	Redacted		Redacted	planned_new	
2413	SVCEA	Redacted	Redacted	2027	2	Redacted		Redacted	planned_new	
2414	SVCEA	Redacted	Redacted	2027	3	Redacted		Redacted	planned_new	
2415	SVCEA	Redacted	Redacted	2027	4	Redacted		Redacted	planned_new	
2416	SVCEA	Redacted	Redacted	2027	5	Redacted		Redacted	planned_new	
2417	SVCEA	Redacted	Redacted	2027	6	Redacted		Redacted	planned_new	
2418	SVCEA	Redacted	Redacted	2027	7	Redacted		Redacted	planned_new	
2419	SVCEA	Redacted	Redacted	2027	8	Redacted		Redacted	planned_new	
2420	SVCEA	Redacted	Redacted	2027	9	Redacted		Redacted	planned_new	
2421	SVCEA	Redacted	Redacted	2027	10	Redacted		Redacted	planned_new	
2422	SVCEA	Redacted	Redacted	2027	11	Redacted		Redacted	planned_new	
2423	SVCEA	Redacted	Redacted	2027	12	Redacted		Redacted	planned_new	
2424	SVCEA	Redacted	Redacted	2028	1	Redacted		Redacted	planned_new	
2425	SVCEA	Redacted	Redacted	2028	2	Redacted		Redacted	planned_new	
2426	SVCEA	Redacted	Redacted	2028	3	Redacted		Redacted	planned_new	
2427	SVCEA	Redacted	Redacted	2028	4	Redacted		Redacted	planned_new	
2428	SVCEA	Redacted	Redacted	2028	5	Redacted		Redacted	planned_new	
2429	SVCEA	Redacted	Redacted	2028	6	Redacted		Redacted	planned_new	
2430	SVCEA	Redacted	Redacted	2028	7	Redacted		Redacted	planned_new	
2431	SVCEA	Redacted	Redacted	2028	8	Redacted		Redacted	planned_new	
2432	SVCEA	Redacted	Redacted	2028	9	Redacted		Redacted	planned_new	
2433	SVCEA	Redacted	Redacted	2028	10	Redacted		Redacted	planned_new	
2434	SVCEA	Redacted	Redacted	2028	11	Redacted		Redacted	planned_new	
2435	SVCEA	Redacted	Redacted	2028	12	Redacted		Redacted	planned_new	
2436	SVCEA	Redacted	Redacted	2029	1	Redacted		Redacted	planned_new	
2437	SVCEA	Redacted	Redacted	2029	2	Redacted		Redacted	planned_new	
2438	SVCEA	Redacted	Redacted	2029	3	Redacted		Redacted	planned_new	
2439	SVCEA	Redacted	Redacted	2029	4	Redacted		Redacted	planned_new	
2440	SVCEA	Redacted	Redacted	2029	5	Redacted		Redacted	planned_new	
2441	SVCEA	Redacted	Redacted	2029	6	Redacted		Redacted	planned_new	
2442	SVCEA	Redacted	Redacted	2029	7	Redacted		Redacted	planned_new	
2443	SVCEA	Redacted	Redacted	2029	8	Redacted		Redacted	planned_new	
2444	SVCEA	Redacted	Redacted	2029	9	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2412	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2413	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2414	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2415	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2416	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2417	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2418	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2419	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2420	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2421	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2422	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2423	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2424	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2425	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2426	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2427	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2428	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2429	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2430	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2431	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2432	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2433	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2434	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2435	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2436	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2437	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2438	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2439	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2440	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2441	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2442	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2443	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2444	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2412	Redacted	ok	new_resolve	1	1	Redacted
2413	Redacted	ok	new_resolve	1	1	Redacted
2414	Redacted	ok	new_resolve	1	1	Redacted
2415	Redacted	ok	new_resolve	1	1	Redacted
2416	Redacted	ok	new_resolve	1	1	Redacted
2417	Redacted	ok	new_resolve	1	1	Redacted
2418	Redacted	ok	new_resolve	1	1	Redacted
2419	Redacted	ok	new_resolve	1	1	Redacted
2420	Redacted	ok	new_resolve	1	1	Redacted
2421	Redacted	ok	new_resolve	1	1	Redacted
2422	Redacted	ok	new_resolve	1	1	Redacted
2423	Redacted	ok	new_resolve	1	1	Redacted
2424	Redacted	ok	new_resolve	1	1	Redacted
2425	Redacted	ok	new_resolve	1	1	Redacted
2426	Redacted	ok	new_resolve	1	1	Redacted
2427	Redacted	ok	new_resolve	1	1	Redacted
2428	Redacted	ok	new_resolve	1	1	Redacted
2429	Redacted	ok	new_resolve	1	1	Redacted
2430	Redacted	ok	new_resolve	1	1	Redacted
2431	Redacted	ok	new_resolve	1	1	Redacted
2432	Redacted	ok	new_resolve	1	1	Redacted
2433	Redacted	ok	new_resolve	1	1	Redacted
2434	Redacted	ok	new_resolve	1	1	Redacted
2435	Redacted	ok	new_resolve	1	1	Redacted
2436	Redacted	ok	new_resolve	1	1	Redacted
2437	Redacted	ok	new_resolve	1	1	Redacted
2438	Redacted	ok	new_resolve	1	1	Redacted
2439	Redacted	ok	new_resolve	1	1	Redacted
2440	Redacted	ok	new_resolve	1	1	Redacted
2441	Redacted	ok	new_resolve	1	1	Redacted
2442	Redacted	ok	new_resolve	1	1	Redacted
2443	Redacted	ok	new_resolve	1	1	Redacted
2444	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2412	0	0	1	1	1	1	1	1	1	1
2413	0	0	1	1	1	1	1	1	1	1
2414	0	0	1	1	1	1	1	1	1	1
2415	0	0	1	1	1	1	1	1	1	1
2416	0	0	1	1	1	1	1	1	1	1
2417	0	0	1	1	1	1	1	1	1	1
2418	0	0	1	1	1	1	1	1	1	1
2419	0	0	1	1	1	1	1	1	1	1
2420	0	0	1	1	1	1	1	1	1	1
2421	0	0	1	1	1	1	1	1	1	1
2422	0	0	1	1	1	1	1	1	1	1
2423	0	0	1	1	1	1	1	1	1	1
2424	0	0	1	1	1	1	1	1	1	1
2425	0	0	1	1	1	1	1	1	1	1
2426	0	0	1	1	1	1	1	1	1	1
2427	0	0	1	1	1	1	1	1	1	1
2428	0	0	1	1	1	1	1	1	1	1
2429	0	0	1	1	1	1	1	1	1	1
2430	0	0	1	1	1	1	1	1	1	1
2431	0	0	1	1	1	1	1	1	1	1
2432	0	0	1	1	1	1	1	1	1	1
2433	0	0	1	1	1	1	1	1	1	1
2434	0	0	1	1	1	1	1	1	1	1
2435	0	0	1	1	1	1	1	1	1	1
2436	0	0	1	1	1	1	1	1	1	1
2437	0	0	1	1	1	1	1	1	1	1
2438	0	0	1	1	1	1	1	1	1	1
2439	0	0	1	1	1	1	1	1	1	1
2440	0	0	1	1	1	1	1	1	1	1
2441	0	0	1	1	1	1	1	1	1	1
2442	0	0	1	1	1	1	1	1	1	1
2443	0	0	1	1	1	1	1	1	1	1
2444	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2445	SVCEA	Redacted	Redacted	2029	10	Redacted		Redacted	planned_new	
2446	SVCEA	Redacted	Redacted	2029	11	Redacted		Redacted	planned_new	
2447	SVCEA	Redacted	Redacted	2029	12	Redacted		Redacted	planned_new	
2448	SVCEA	Redacted	Redacted	2030	1	Redacted		Redacted	planned_new	
2449	SVCEA	Redacted	Redacted	2030	2	Redacted		Redacted	planned_new	
2450	SVCEA	Redacted	Redacted	2030	3	Redacted		Redacted	planned_new	
2451	SVCEA	Redacted	Redacted	2030	4	Redacted		Redacted	planned_new	
2452	SVCEA	Redacted	Redacted	2030	5	Redacted		Redacted	planned_new	
2453	SVCEA	Redacted	Redacted	2030	6	Redacted		Redacted	planned_new	
2454	SVCEA	Redacted	Redacted	2030	7	Redacted		Redacted	planned_new	
2455	SVCEA	Redacted	Redacted	2030	8	Redacted		Redacted	planned_new	
2456	SVCEA	Redacted	Redacted	2030	9	Redacted		Redacted	planned_new	
2457	SVCEA	Redacted	Redacted	2030	10	Redacted		Redacted	planned_new	
2458	SVCEA	Redacted	Redacted	2030	11	Redacted		Redacted	planned_new	
2459	SVCEA	Redacted	Redacted	2030	12	Redacted		Redacted	planned_new	
2460	SVCEA	Redacted	Redacted	2021	9	Redacted		Redacted	planned_existing	
2461	SVCEA	Redacted	Redacted	2022	9	Redacted		Redacted	planned_existing	
2462	SVCEA	Redacted	Redacted	2023	9	Redacted		Redacted	planned_existing	
2463	SVCEA	Redacted	Redacted	2024	9	Redacted		Redacted	planned_existing	
2464	SVCEA	Redacted	Redacted	2025	9	Redacted		Redacted	planned_existing	
2465	SVCEA	Redacted	Redacted	2026	9	Redacted		Redacted	planned_existing	
2466	SVCEA	Redacted	Redacted	2027	9	Redacted		Redacted	planned_existing	
2467	SVCEA	Redacted	Redacted	2028	9	Redacted		Redacted	planned_existing	
2468	SVCEA	Redacted	Redacted	2029	9	Redacted		Redacted	planned_existing	
2469	SVCEA	Redacted	Redacted	2030	9	Redacted		Redacted	planned_existing	
2470	SVCEA	Redacted	Redacted	2023	1	Redacted		Redacted	planned_new	
2471	SVCEA	Redacted	Redacted	2023	2	Redacted		Redacted	planned_new	
2472	SVCEA	Redacted	Redacted	2023	3	Redacted		Redacted	planned_new	
2473	SVCEA	Redacted	Redacted	2023	4	Redacted		Redacted	planned_new	
2474	SVCEA	Redacted	Redacted	2023	5	Redacted		Redacted	planned_new	
2475	SVCEA	Redacted	Redacted	2023	6	Redacted		Redacted	planned_new	
2476	SVCEA	Redacted	Redacted	2023	7	Redacted		Redacted	planned_new	
2477	SVCEA	Redacted	Redacted	2023	8	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2445	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2446	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2447	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2448	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2449	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2450	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2451	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2452	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2453	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2454	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2455	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2456	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2457	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2458	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2459	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2460	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2461	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2462	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2463	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2464	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2465	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2466	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2467	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2468	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2469	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
2470	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2471	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2472	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2473	Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1	Redacted
2474	Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1	Redacted
2475	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2476	Redacted	Redacted	Redacted	0	Redacted	Redacted	23%	1	Redacted
2477	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2445	Redacted	ok	new_resolve	1	1	Redacted
2446	Redacted	ok	new_resolve	1	1	Redacted
2447	Redacted	ok	new_resolve	1	1	Redacted
2448	Redacted	ok	new_resolve	1	1	Redacted
2449	Redacted	ok	new_resolve	1	1	Redacted
2450	Redacted	ok	new_resolve	1	1	Redacted
2451	Redacted	ok	new_resolve	1	1	Redacted
2452	Redacted	ok	new_resolve	1	1	Redacted
2453	Redacted	ok	new_resolve	1	1	Redacted
2454	Redacted	ok	new_resolve	1	1	Redacted
2455	Redacted	ok	new_resolve	1	1	Redacted
2456	Redacted	ok	new_resolve	1	1	Redacted
2457	Redacted	ok	new_resolve	1	1	Redacted
2458	Redacted	ok	new_resolve	1	1	Redacted
2459	Redacted	ok	new_resolve	1	1	Redacted
2460	Redacted	ok	existing_generic	0	1	Redacted
2461	Redacted	ok	existing_generic	0	1	Redacted
2462	Redacted	ok	existing_generic	0	1	Redacted
2463	Redacted	ok	existing_generic	0	1	Redacted
2464	Redacted	ok	existing_generic	0	1	Redacted
2465	Redacted	ok	existing_generic	0	1	Redacted
2466	Redacted	ok	existing_generic	0	1	Redacted
2467	Redacted	ok	existing_generic	0	1	Redacted
2468	Redacted	ok	existing_generic	0	1	Redacted
2469	Redacted	ok	existing_generic	0	1	Redacted
2470	Redacted	ok	new_resolve	1	1	Redacted
2471	Redacted	ok	new_resolve	1	1	Redacted
2472	Redacted	ok	new_resolve	1	1	Redacted
2473	Redacted	ok	new_resolve	1	1	Redacted
2474	Redacted	ok	new_resolve	1	1	Redacted
2475	Redacted	ok	new_resolve	1	1	Redacted
2476	Redacted	ok	new_resolve	1	1	Redacted
2477	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2445	0	0	1	1	1	1	1	1	1	1
2446	0	0	1	1	1	1	1	1	1	1
2447	0	0	1	1	1	1	1	1	1	1
2448	0	0	1	1	1	1	1	1	1	1
2449	0	0	1	1	1	1	1	1	1	1
2450	0	0	1	1	1	1	1	1	1	1
2451	0	0	1	1	1	1	1	1	1	1
2452	0	0	1	1	1	1	1	1	1	1
2453	0	0	1	1	1	1	1	1	1	1
2454	0	0	1	1	1	1	1	1	1	1
2455	0	0	1	1	1	1	1	1	1	1
2456	0	0	1	1	1	1	1	1	1	1
2457	0	0	1	1	1	1	1	1	1	1
2458	0	0	1	1	1	1	1	1	1	1
2459	0	0	1	1	1	1	1	1	1	1
2460	1	127	1	1	1	1	1	1	1	1
2461	0	0	1	1	1	1	1	1	1	1
2462	0	0	1	1	1	1	1	1	1	1
2463	0	0	1	1	1	1	1	1	1	1
2464	0	0	1	1	1	1	1	1	1	1
2465	0	0	1	1	1	1	1	1	1	1
2466	0	0	1	1	1	1	1	1	1	1
2467	0	0	1	1	1	1	1	1	1	1
2468	0	0	1	1	1	1	1	1	1	1
2469	0	0	1	1	1	1	1	1	1	1
2470	1	128	1	1	1	1	1	1	1	1
2471	0	0	1	1	1	1	1	1	1	1
2472	0	0	1	1	1	1	1	1	1	1
2473	0	0	1	1	1	1	1	1	1	1
2474	0	0	1	1	1	1	1	1	1	1
2475	0	0	1	1	1	1	1	1	1	1
2476	0	0	1	1	1	1	1	1	1	1
2477	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2478	SVCEA	Redacted	Redacted	2023	9	Redacted		Redacted	planned_new	
2479	SVCEA	Redacted	Redacted	2023	10	Redacted		Redacted	planned_new	
2480	SVCEA	Redacted	Redacted	2023	11	Redacted		Redacted	planned_new	
2481	SVCEA	Redacted	Redacted	2023	12	Redacted		Redacted	planned_new	
2482	SVCEA	Redacted	Redacted	2024	1	Redacted		Redacted	planned_new	
2483	SVCEA	Redacted	Redacted	2024	2	Redacted		Redacted	planned_new	
2484	SVCEA	Redacted	Redacted	2024	3	Redacted		Redacted	planned_new	
2485	SVCEA	Redacted	Redacted	2024	4	Redacted		Redacted	planned_new	
2486	SVCEA	Redacted	Redacted	2024	5	Redacted		Redacted	planned_new	
2487	SVCEA	Redacted	Redacted	2024	6	Redacted		Redacted	planned_new	
2488	SVCEA	Redacted	Redacted	2024	7	Redacted		Redacted	planned_new	
2489	SVCEA	Redacted	Redacted	2024	8	Redacted		Redacted	planned_new	
2490	SVCEA	Redacted	Redacted	2024	9	Redacted		Redacted	planned_new	
2491	SVCEA	Redacted	Redacted	2024	10	Redacted		Redacted	planned_new	
2492	SVCEA	Redacted	Redacted	2024	11	Redacted		Redacted	planned_new	
2493	SVCEA	Redacted	Redacted	2024	12	Redacted		Redacted	planned_new	
2494	SVCEA	Redacted	Redacted	2025	1	Redacted		Redacted	planned_new	
2495	SVCEA	Redacted	Redacted	2025	2	Redacted		Redacted	planned_new	
2496	SVCEA	Redacted	Redacted	2025	3	Redacted		Redacted	planned_new	
2497	SVCEA	Redacted	Redacted	2025	4	Redacted		Redacted	planned_new	
2498	SVCEA	Redacted	Redacted	2025	5	Redacted		Redacted	planned_new	
2499	SVCEA	Redacted	Redacted	2025	6	Redacted		Redacted	planned_new	
2500	SVCEA	Redacted	Redacted	2025	7	Redacted		Redacted	planned_new	
2501	SVCEA	Redacted	Redacted	2025	8	Redacted		Redacted	planned_new	
2502	SVCEA	Redacted	Redacted	2025	9	Redacted		Redacted	planned_new	
2503	SVCEA	Redacted	Redacted	2025	10	Redacted		Redacted	planned_new	
2504	SVCEA	Redacted	Redacted	2025	11	Redacted		Redacted	planned_new	
2505	SVCEA	Redacted	Redacted	2025	12	Redacted		Redacted	planned_new	
2506	SVCEA	Redacted	Redacted	2026	1	Redacted		Redacted	planned_new	
2507	SVCEA	Redacted	Redacted	2026	2	Redacted		Redacted	planned_new	
2508	SVCEA	Redacted	Redacted	2026	3	Redacted		Redacted	planned_new	
2509	SVCEA	Redacted	Redacted	2026	4	Redacted		Redacted	planned_new	
2510	SVCEA	Redacted	Redacted	2026	5	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2478	Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1	Redacted
2479	Redacted	Redacted	Redacted	0	Redacted	Redacted	8%	1	Redacted
2480	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2481	Redacted	Redacted	Redacted	0	Redacted	Redacted	13%	1	Redacted
2482	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2483	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2484	Redacted	Redacted	Redacted	0	Redacted	Redacted	32%	1	Redacted
2485	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2486	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2487	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2488	Redacted	Redacted	Redacted	0	Redacted	Redacted	26%	1	Redacted
2489	Redacted	Redacted	Redacted	0	Redacted	Redacted	24%	1	Redacted
2490	Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1	Redacted
2491	Redacted	Redacted	Redacted	0	Redacted	Redacted	9%	1	Redacted
2492	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2493	Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1	Redacted
2494	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2495	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2496	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2497	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2498	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2499	Redacted	Redacted	Redacted	0	Redacted	Redacted	44%	1	Redacted
2500	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2501	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2502	Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1	Redacted
2503	Redacted	Redacted	Redacted	0	Redacted	Redacted	11%	1	Redacted
2504	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2505	Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1	Redacted
2506	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2507	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2508	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2509	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2510	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2478	Redacted	ok	new_resolve	1	1	Redacted
2479	Redacted	ok	new_resolve	1	1	Redacted
2480	Redacted	ok	new_resolve	1	1	Redacted
2481	Redacted	ok	new_resolve	1	1	Redacted
2482	Redacted	ok	new_resolve	1	1	Redacted
2483	Redacted	ok	new_resolve	1	1	Redacted
2484	Redacted	ok	new_resolve	1	1	Redacted
2485	Redacted	ok	new_resolve	1	1	Redacted
2486	Redacted	ok	new_resolve	1	1	Redacted
2487	Redacted	ok	new_resolve	1	1	Redacted
2488	Redacted	ok	new_resolve	1	1	Redacted
2489	Redacted	ok	new_resolve	1	1	Redacted
2490	Redacted	ok	new_resolve	1	1	Redacted
2491	Redacted	ok	new_resolve	1	1	Redacted
2492	Redacted	ok	new_resolve	1	1	Redacted
2493	Redacted	ok	new_resolve	1	1	Redacted
2494	Redacted	ok	new_resolve	1	1	Redacted
2495	Redacted	ok	new_resolve	1	1	Redacted
2496	Redacted	ok	new_resolve	1	1	Redacted
2497	Redacted	ok	new_resolve	1	1	Redacted
2498	Redacted	ok	new_resolve	1	1	Redacted
2499	Redacted	ok	new_resolve	1	1	Redacted
2500	Redacted	ok	new_resolve	1	1	Redacted
2501	Redacted	ok	new_resolve	1	1	Redacted
2502	Redacted	ok	new_resolve	1	1	Redacted
2503	Redacted	ok	new_resolve	1	1	Redacted
2504	Redacted	ok	new_resolve	1	1	Redacted
2505	Redacted	ok	new_resolve	1	1	Redacted
2506	Redacted	ok	new_resolve	1	1	Redacted
2507	Redacted	ok	new_resolve	1	1	Redacted
2508	Redacted	ok	new_resolve	1	1	Redacted
2509	Redacted	ok	new_resolve	1	1	Redacted
2510	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2478	0	0	1	1	1	1	1	1	1	1
2479	0	0	1	1	1	1	1	1	1	1
2480	0	0	1	1	1	1	1	1	1	1
2481	0	0	1	1	1	1	1	1	1	1
2482	0	0	1	1	1	1	1	1	1	1
2483	0	0	1	1	1	1	1	1	1	1
2484	0	0	1	1	1	1	1	1	1	1
2485	0	0	1	1	1	1	1	1	1	1
2486	0	0	1	1	1	1	1	1	1	1
2487	0	0	1	1	1	1	1	1	1	1
2488	0	0	1	1	1	1	1	1	1	1
2489	0	0	1	1	1	1	1	1	1	1
2490	0	0	1	1	1	1	1	1	1	1
2491	0	0	1	1	1	1	1	1	1	1
2492	0	0	1	1	1	1	1	1	1	1
2493	0	0	1	1	1	1	1	1	1	1
2494	0	0	1	1	1	1	1	1	1	1
2495	0	0	1	1	1	1	1	1	1	1
2496	0	0	1	1	1	1	1	1	1	1
2497	0	0	1	1	1	1	1	1	1	1
2498	0	0	1	1	1	1	1	1	1	1
2499	0	0	1	1	1	1	1	1	1	1
2500	0	0	1	1	1	1	1	1	1	1
2501	0	0	1	1	1	1	1	1	1	1
2502	0	0	1	1	1	1	1	1	1	1
2503	0	0	1	1	1	1	1	1	1	1
2504	0	0	1	1	1	1	1	1	1	1
2505	0	0	1	1	1	1	1	1	1	1
2506	0	0	1	1	1	1	1	1	1	1
2507	0	0	1	1	1	1	1	1	1	1
2508	0	0	1	1	1	1	1	1	1	1
2509	0	0	1	1	1	1	1	1	1	1
2510	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2511	SVCEA	Redacted	Redacted	2026	6	Redacted		Redacted	planned_new	
2512	SVCEA	Redacted	Redacted	2026	7	Redacted		Redacted	planned_new	
2513	SVCEA	Redacted	Redacted	2026	8	Redacted		Redacted	planned_new	
2514	SVCEA	Redacted	Redacted	2026	9	Redacted		Redacted	planned_new	
2515	SVCEA	Redacted	Redacted	2026	10	Redacted		Redacted	planned_new	
2516	SVCEA	Redacted	Redacted	2026	11	Redacted		Redacted	planned_new	
2517	SVCEA	Redacted	Redacted	2026	12	Redacted		Redacted	planned_new	
2518	SVCEA	Redacted	Redacted	2027	1	Redacted		Redacted	planned_new	
2519	SVCEA	Redacted	Redacted	2027	2	Redacted		Redacted	planned_new	
2520	SVCEA	Redacted	Redacted	2027	3	Redacted		Redacted	planned_new	
2521	SVCEA	Redacted	Redacted	2027	4	Redacted		Redacted	planned_new	
2522	SVCEA	Redacted	Redacted	2027	5	Redacted		Redacted	planned_new	
2523	SVCEA	Redacted	Redacted	2027	6	Redacted		Redacted	planned_new	
2524	SVCEA	Redacted	Redacted	2027	7	Redacted		Redacted	planned_new	
2525	SVCEA	Redacted	Redacted	2027	8	Redacted		Redacted	planned_new	
2526	SVCEA	Redacted	Redacted	2027	9	Redacted		Redacted	planned_new	
2527	SVCEA	Redacted	Redacted	2027	10	Redacted		Redacted	planned_new	
2528	SVCEA	Redacted	Redacted	2027	11	Redacted		Redacted	planned_new	
2529	SVCEA	Redacted	Redacted	2027	12	Redacted		Redacted	planned_new	
2530	SVCEA	Redacted	Redacted	2028	1	Redacted		Redacted	planned_new	
2531	SVCEA	Redacted	Redacted	2028	2	Redacted		Redacted	planned_new	
2532	SVCEA	Redacted	Redacted	2028	3	Redacted		Redacted	planned_new	
2533	SVCEA	Redacted	Redacted	2028	4	Redacted		Redacted	planned_new	
2534	SVCEA	Redacted	Redacted	2028	5	Redacted		Redacted	planned_new	
2535	SVCEA	Redacted	Redacted	2028	6	Redacted		Redacted	planned_new	
2536	SVCEA	Redacted	Redacted	2028	7	Redacted		Redacted	planned_new	
2537	SVCEA	Redacted	Redacted	2028	8	Redacted		Redacted	planned_new	
2538	SVCEA	Redacted	Redacted	2028	9	Redacted		Redacted	planned_new	
2539	SVCEA	Redacted	Redacted	2028	10	Redacted		Redacted	planned_new	
2540	SVCEA	Redacted	Redacted	2028	11	Redacted		Redacted	planned_new	
2541	SVCEA	Redacted	Redacted	2028	12	Redacted		Redacted	planned_new	
2542	SVCEA	Redacted	Redacted	2029	1	Redacted		Redacted	planned_new	
2543	SVCEA	Redacted	Redacted	2029	2	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2511	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2512	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2513	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2514	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2515	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2516	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2517	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2518	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2519	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2520	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2521	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2522	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2523	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2524	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2525	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2526	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2527	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2528	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2529	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2530	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2531	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2532	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2533	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2534	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2535	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2536	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2537	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2538	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2539	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2540	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2541	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2542	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2543	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2511	Redacted	ok	new_resolve	1	1	Redacted
2512	Redacted	ok	new_resolve	1	1	Redacted
2513	Redacted	ok	new_resolve	1	1	Redacted
2514	Redacted	ok	new_resolve	1	1	Redacted
2515	Redacted	ok	new_resolve	1	1	Redacted
2516	Redacted	ok	new_resolve	1	1	Redacted
2517	Redacted	ok	new_resolve	1	1	Redacted
2518	Redacted	ok	new_resolve	1	1	Redacted
2519	Redacted	ok	new_resolve	1	1	Redacted
2520	Redacted	ok	new_resolve	1	1	Redacted
2521	Redacted	ok	new_resolve	1	1	Redacted
2522	Redacted	ok	new_resolve	1	1	Redacted
2523	Redacted	ok	new_resolve	1	1	Redacted
2524	Redacted	ok	new_resolve	1	1	Redacted
2525	Redacted	ok	new_resolve	1	1	Redacted
2526	Redacted	ok	new_resolve	1	1	Redacted
2527	Redacted	ok	new_resolve	1	1	Redacted
2528	Redacted	ok	new_resolve	1	1	Redacted
2529	Redacted	ok	new_resolve	1	1	Redacted
2530	Redacted	ok	new_resolve	1	1	Redacted
2531	Redacted	ok	new_resolve	1	1	Redacted
2532	Redacted	ok	new_resolve	1	1	Redacted
2533	Redacted	ok	new_resolve	1	1	Redacted
2534	Redacted	ok	new_resolve	1	1	Redacted
2535	Redacted	ok	new_resolve	1	1	Redacted
2536	Redacted	ok	new_resolve	1	1	Redacted
2537	Redacted	ok	new_resolve	1	1	Redacted
2538	Redacted	ok	new_resolve	1	1	Redacted
2539	Redacted	ok	new_resolve	1	1	Redacted
2540	Redacted	ok	new_resolve	1	1	Redacted
2541	Redacted	ok	new_resolve	1	1	Redacted
2542	Redacted	ok	new_resolve	1	1	Redacted
2543	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2511	0	0	1	1	1	1	1	1	1	1
2512	0	0	1	1	1	1	1	1	1	1
2513	0	0	1	1	1	1	1	1	1	1
2514	0	0	1	1	1	1	1	1	1	1
2515	0	0	1	1	1	1	1	1	1	1
2516	0	0	1	1	1	1	1	1	1	1
2517	0	0	1	1	1	1	1	1	1	1
2518	0	0	1	1	1	1	1	1	1	1
2519	0	0	1	1	1	1	1	1	1	1
2520	0	0	1	1	1	1	1	1	1	1
2521	0	0	1	1	1	1	1	1	1	1
2522	0	0	1	1	1	1	1	1	1	1
2523	0	0	1	1	1	1	1	1	1	1
2524	0	0	1	1	1	1	1	1	1	1
2525	0	0	1	1	1	1	1	1	1	1
2526	0	0	1	1	1	1	1	1	1	1
2527	0	0	1	1	1	1	1	1	1	1
2528	0	0	1	1	1	1	1	1	1	1
2529	0	0	1	1	1	1	1	1	1	1
2530	0	0	1	1	1	1	1	1	1	1
2531	0	0	1	1	1	1	1	1	1	1
2532	0	0	1	1	1	1	1	1	1	1
2533	0	0	1	1	1	1	1	1	1	1
2534	0	0	1	1	1	1	1	1	1	1
2535	0	0	1	1	1	1	1	1	1	1
2536	0	0	1	1	1	1	1	1	1	1
2537	0	0	1	1	1	1	1	1	1	1
2538	0	0	1	1	1	1	1	1	1	1
2539	0	0	1	1	1	1	1	1	1	1
2540	0	0	1	1	1	1	1	1	1	1
2541	0	0	1	1	1	1	1	1	1	1
2542	0	0	1	1	1	1	1	1	1	1
2543	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2544	SVCEA	Redacted	Redacted	2029	3	Redacted		Redacted	planned_new	
2545	SVCEA	Redacted	Redacted	2029	4	Redacted		Redacted	planned_new	
2546	SVCEA	Redacted	Redacted	2029	5	Redacted		Redacted	planned_new	
2547	SVCEA	Redacted	Redacted	2029	6	Redacted		Redacted	planned_new	
2548	SVCEA	Redacted	Redacted	2029	7	Redacted		Redacted	planned_new	
2549	SVCEA	Redacted	Redacted	2029	8	Redacted		Redacted	planned_new	
2550	SVCEA	Redacted	Redacted	2029	9	Redacted		Redacted	planned_new	
2551	SVCEA	Redacted	Redacted	2029	10	Redacted		Redacted	planned_new	
2552	SVCEA	Redacted	Redacted	2029	11	Redacted		Redacted	planned_new	
2553	SVCEA	Redacted	Redacted	2029	12	Redacted		Redacted	planned_new	
2554	SVCEA	Redacted	Redacted	2030	1	Redacted		Redacted	planned_new	
2555	SVCEA	Redacted	Redacted	2030	2	Redacted		Redacted	planned_new	
2556	SVCEA	Redacted	Redacted	2030	3	Redacted		Redacted	planned_new	
2557	SVCEA	Redacted	Redacted	2030	4	Redacted		Redacted	planned_new	
2558	SVCEA	Redacted	Redacted	2030	5	Redacted		Redacted	planned_new	
2559	SVCEA	Redacted	Redacted	2030	6	Redacted		Redacted	planned_new	
2560	SVCEA	Redacted	Redacted	2030	7	Redacted		Redacted	planned_new	
2561	SVCEA	Redacted	Redacted	2030	8	Redacted		Redacted	planned_new	
2562	SVCEA	Redacted	Redacted	2030	9	Redacted		Redacted	planned_new	
2563	SVCEA	Redacted	Redacted	2030	10	Redacted		Redacted	planned_new	
2564	SVCEA	Redacted	Redacted	2030	11	Redacted		Redacted	planned_new	
2565	SVCEA	Redacted	Redacted	2030	12	Redacted		Redacted	planned_new	
2566	SVCEA	Redacted	Redacted	2023	1	Redacted		Redacted	planned_new	
2567	SVCEA	Redacted	Redacted	2023	2	Redacted		Redacted	planned_new	
2568	SVCEA	Redacted	Redacted	2023	3	Redacted		Redacted	planned_new	
2569	SVCEA	Redacted	Redacted	2023	4	Redacted		Redacted	planned_new	
2570	SVCEA	Redacted	Redacted	2023	5	Redacted		Redacted	planned_new	
2571	SVCEA	Redacted	Redacted	2023	6	Redacted		Redacted	planned_new	
2572	SVCEA	Redacted	Redacted	2023	7	Redacted		Redacted	planned_new	
2573	SVCEA	Redacted	Redacted	2023	8	Redacted		Redacted	planned_new	
2574	SVCEA	Redacted	Redacted	2023	9	Redacted		Redacted	planned_new	
2575	SVCEA	Redacted	Redacted	2023	10	Redacted		Redacted	planned_new	
2576	SVCEA	Redacted	Redacted	2023	11	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2544	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2545	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2546	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2547	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2548	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2549	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2550	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2551	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2552	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2553	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2554	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2555	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2556	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2557	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2558	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2559	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2560	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2561	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2562	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2563	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2564	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2565	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2566	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2567	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2568	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2569	Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1	Redacted
2570	Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1	Redacted
2571	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2572	Redacted	Redacted	Redacted	0	Redacted	Redacted	23%	1	Redacted
2573	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2574	Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1	Redacted
2575	Redacted	Redacted	Redacted	0	Redacted	Redacted	8%	1	Redacted
2576	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2544	Redacted	ok	new_resolve	1	1	Redacted
2545	Redacted	ok	new_resolve	1	1	Redacted
2546	Redacted	ok	new_resolve	1	1	Redacted
2547	Redacted	ok	new_resolve	1	1	Redacted
2548	Redacted	ok	new_resolve	1	1	Redacted
2549	Redacted	ok	new_resolve	1	1	Redacted
2550	Redacted	ok	new_resolve	1	1	Redacted
2551	Redacted	ok	new_resolve	1	1	Redacted
2552	Redacted	ok	new_resolve	1	1	Redacted
2553	Redacted	ok	new_resolve	1	1	Redacted
2554	Redacted	ok	new_resolve	1	1	Redacted
2555	Redacted	ok	new_resolve	1	1	Redacted
2556	Redacted	ok	new_resolve	1	1	Redacted
2557	Redacted	ok	new_resolve	1	1	Redacted
2558	Redacted	ok	new_resolve	1	1	Redacted
2559	Redacted	ok	new_resolve	1	1	Redacted
2560	Redacted	ok	new_resolve	1	1	Redacted
2561	Redacted	ok	new_resolve	1	1	Redacted
2562	Redacted	ok	new_resolve	1	1	Redacted
2563	Redacted	ok	new_resolve	1	1	Redacted
2564	Redacted	ok	new_resolve	1	1	Redacted
2565	Redacted	ok	new_resolve	1	1	Redacted
2566	Redacted	ok	new_resolve	1	1	Redacted
2567	Redacted	ok	new_resolve	1	1	Redacted
2568	Redacted	ok	new_resolve	1	1	Redacted
2569	Redacted	ok	new_resolve	1	1	Redacted
2570	Redacted	ok	new_resolve	1	1	Redacted
2571	Redacted	ok	new_resolve	1	1	Redacted
2572	Redacted	ok	new_resolve	1	1	Redacted
2573	Redacted	ok	new_resolve	1	1	Redacted
2574	Redacted	ok	new_resolve	1	1	Redacted
2575	Redacted	ok	new_resolve	1	1	Redacted
2576	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2544	0	0	1	1	1	1	1	1	1	1
2545	0	0	1	1	1	1	1	1	1	1
2546	0	0	1	1	1	1	1	1	1	1
2547	0	0	1	1	1	1	1	1	1	1
2548	0	0	1	1	1	1	1	1	1	1
2549	0	0	1	1	1	1	1	1	1	1
2550	0	0	1	1	1	1	1	1	1	1
2551	0	0	1	1	1	1	1	1	1	1
2552	0	0	1	1	1	1	1	1	1	1
2553	0	0	1	1	1	1	1	1	1	1
2554	0	0	1	1	1	1	1	1	1	1
2555	0	0	1	1	1	1	1	1	1	1
2556	0	0	1	1	1	1	1	1	1	1
2557	0	0	1	1	1	1	1	1	1	1
2558	0	0	1	1	1	1	1	1	1	1
2559	0	0	1	1	1	1	1	1	1	1
2560	0	0	1	1	1	1	1	1	1	1
2561	0	0	1	1	1	1	1	1	1	1
2562	0	0	1	1	1	1	1	1	1	1
2563	0	0	1	1	1	1	1	1	1	1
2564	0	0	1	1	1	1	1	1	1	1
2565	0	0	1	1	1	1	1	1	1	1
2566	1	129	1	1	1	1	1	1	1	1
2567	0	0	1	1	1	1	1	1	1	1
2568	0	0	1	1	1	1	1	1	1	1
2569	0	0	1	1	1	1	1	1	1	1
2570	0	0	1	1	1	1	1	1	1	1
2571	0	0	1	1	1	1	1	1	1	1
2572	0	0	1	1	1	1	1	1	1	1
2573	0	0	1	1	1	1	1	1	1	1
2574	0	0	1	1	1	1	1	1	1	1
2575	0	0	1	1	1	1	1	1	1	1
2576	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2577	SVCEA	Redacted	Redacted	2023	12	Redacted		Redacted	planned_new	
2578	SVCEA	Redacted	Redacted	2024	1	Redacted		Redacted	planned_new	
2579	SVCEA	Redacted	Redacted	2024	2	Redacted		Redacted	planned_new	
2580	SVCEA	Redacted	Redacted	2024	3	Redacted		Redacted	planned_new	
2581	SVCEA	Redacted	Redacted	2024	4	Redacted		Redacted	planned_new	
2582	SVCEA	Redacted	Redacted	2024	5	Redacted		Redacted	planned_new	
2583	SVCEA	Redacted	Redacted	2024	6	Redacted		Redacted	planned_new	
2584	SVCEA	Redacted	Redacted	2024	7	Redacted		Redacted	planned_new	
2585	SVCEA	Redacted	Redacted	2024	8	Redacted		Redacted	planned_new	
2586	SVCEA	Redacted	Redacted	2024	9	Redacted		Redacted	planned_new	
2587	SVCEA	Redacted	Redacted	2024	10	Redacted		Redacted	planned_new	
2588	SVCEA	Redacted	Redacted	2024	11	Redacted		Redacted	planned_new	
2589	SVCEA	Redacted	Redacted	2024	12	Redacted		Redacted	planned_new	
2590	SVCEA	Redacted	Redacted	2025	1	Redacted		Redacted	planned_new	
2591	SVCEA	Redacted	Redacted	2025	2	Redacted		Redacted	planned_new	
2592	SVCEA	Redacted	Redacted	2025	3	Redacted		Redacted	planned_new	
2593	SVCEA	Redacted	Redacted	2025	4	Redacted		Redacted	planned_new	
2594	SVCEA	Redacted	Redacted	2025	5	Redacted		Redacted	planned_new	
2595	SVCEA	Redacted	Redacted	2025	6	Redacted		Redacted	planned_new	
2596	SVCEA	Redacted	Redacted	2025	7	Redacted		Redacted	planned_new	
2597	SVCEA	Redacted	Redacted	2025	8	Redacted		Redacted	planned_new	
2598	SVCEA	Redacted	Redacted	2025	9	Redacted		Redacted	planned_new	
2599	SVCEA	Redacted	Redacted	2025	10	Redacted		Redacted	planned_new	
2600	SVCEA	Redacted	Redacted	2025	11	Redacted		Redacted	planned_new	
2601	SVCEA	Redacted	Redacted	2025	12	Redacted		Redacted	planned_new	
2602	SVCEA	Redacted	Redacted	2026	1	Redacted		Redacted	planned_new	
2603	SVCEA	Redacted	Redacted	2026	2	Redacted		Redacted	planned_new	
2604	SVCEA	Redacted	Redacted	2026	3	Redacted		Redacted	planned_new	
2605	SVCEA	Redacted	Redacted	2026	4	Redacted		Redacted	planned_new	
2606	SVCEA	Redacted	Redacted	2026	5	Redacted		Redacted	planned_new	
2607	SVCEA	Redacted	Redacted	2026	6	Redacted		Redacted	planned_new	
2608	SVCEA	Redacted	Redacted	2026	7	Redacted		Redacted	planned_new	
2609	SVCEA	Redacted	Redacted	2026	8	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2577	Redacted	Redacted	Redacted	0	Redacted	Redacted	13%	1	Redacted
2578	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2579	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2580	Redacted	Redacted	Redacted	0	Redacted	Redacted	32%	1	Redacted
2581	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2582	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2583	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2584	Redacted	Redacted	Redacted	0	Redacted	Redacted	26%	1	Redacted
2585	Redacted	Redacted	Redacted	0	Redacted	Redacted	24%	1	Redacted
2586	Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1	Redacted
2587	Redacted	Redacted	Redacted	0	Redacted	Redacted	9%	1	Redacted
2588	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2589	Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1	Redacted
2590	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2591	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2592	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2593	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2594	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2595	Redacted	Redacted	Redacted	0	Redacted	Redacted	44%	1	Redacted
2596	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2597	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2598	Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1	Redacted
2599	Redacted	Redacted	Redacted	0	Redacted	Redacted	11%	1	Redacted
2600	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2601	Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1	Redacted
2602	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2603	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2604	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2605	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2606	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2607	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2608	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2609	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2577	Redacted	ok	new_resolve	1	1	Redacted
2578	Redacted	ok	new_resolve	1	1	Redacted
2579	Redacted	ok	new_resolve	1	1	Redacted
2580	Redacted	ok	new_resolve	1	1	Redacted
2581	Redacted	ok	new_resolve	1	1	Redacted
2582	Redacted	ok	new_resolve	1	1	Redacted
2583	Redacted	ok	new_resolve	1	1	Redacted
2584	Redacted	ok	new_resolve	1	1	Redacted
2585	Redacted	ok	new_resolve	1	1	Redacted
2586	Redacted	ok	new_resolve	1	1	Redacted
2587	Redacted	ok	new_resolve	1	1	Redacted
2588	Redacted	ok	new_resolve	1	1	Redacted
2589	Redacted	ok	new_resolve	1	1	Redacted
2590	Redacted	ok	new_resolve	1	1	Redacted
2591	Redacted	ok	new_resolve	1	1	Redacted
2592	Redacted	ok	new_resolve	1	1	Redacted
2593	Redacted	ok	new_resolve	1	1	Redacted
2594	Redacted	ok	new_resolve	1	1	Redacted
2595	Redacted	ok	new_resolve	1	1	Redacted
2596	Redacted	ok	new_resolve	1	1	Redacted
2597	Redacted	ok	new_resolve	1	1	Redacted
2598	Redacted	ok	new_resolve	1	1	Redacted
2599	Redacted	ok	new_resolve	1	1	Redacted
2600	Redacted	ok	new_resolve	1	1	Redacted
2601	Redacted	ok	new_resolve	1	1	Redacted
2602	Redacted	ok	new_resolve	1	1	Redacted
2603	Redacted	ok	new_resolve	1	1	Redacted
2604	Redacted	ok	new_resolve	1	1	Redacted
2605	Redacted	ok	new_resolve	1	1	Redacted
2606	Redacted	ok	new_resolve	1	1	Redacted
2607	Redacted	ok	new_resolve	1	1	Redacted
2608	Redacted	ok	new_resolve	1	1	Redacted
2609	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2577	0	0	1	1	1	1	1	1	1	1
2578	0	0	1	1	1	1	1	1	1	1
2579	0	0	1	1	1	1	1	1	1	1
2580	0	0	1	1	1	1	1	1	1	1
2581	0	0	1	1	1	1	1	1	1	1
2582	0	0	1	1	1	1	1	1	1	1
2583	0	0	1	1	1	1	1	1	1	1
2584	0	0	1	1	1	1	1	1	1	1
2585	0	0	1	1	1	1	1	1	1	1
2586	0	0	1	1	1	1	1	1	1	1
2587	0	0	1	1	1	1	1	1	1	1
2588	0	0	1	1	1	1	1	1	1	1
2589	0	0	1	1	1	1	1	1	1	1
2590	0	0	1	1	1	1	1	1	1	1
2591	0	0	1	1	1	1	1	1	1	1
2592	0	0	1	1	1	1	1	1	1	1
2593	0	0	1	1	1	1	1	1	1	1
2594	0	0	1	1	1	1	1	1	1	1
2595	0	0	1	1	1	1	1	1	1	1
2596	0	0	1	1	1	1	1	1	1	1
2597	0	0	1	1	1	1	1	1	1	1
2598	0	0	1	1	1	1	1	1	1	1
2599	0	0	1	1	1	1	1	1	1	1
2600	0	0	1	1	1	1	1	1	1	1
2601	0	0	1	1	1	1	1	1	1	1
2602	0	0	1	1	1	1	1	1	1	1
2603	0	0	1	1	1	1	1	1	1	1
2604	0	0	1	1	1	1	1	1	1	1
2605	0	0	1	1	1	1	1	1	1	1
2606	0	0	1	1	1	1	1	1	1	1
2607	0	0	1	1	1	1	1	1	1	1
2608	0	0	1	1	1	1	1	1	1	1
2609	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2610	SVCEA	Redacted	Redacted	2026	9	Redacted		Redacted	planned_new	
2611	SVCEA	Redacted	Redacted	2026	10	Redacted		Redacted	planned_new	
2612	SVCEA	Redacted	Redacted	2026	11	Redacted		Redacted	planned_new	
2613	SVCEA	Redacted	Redacted	2026	12	Redacted		Redacted	planned_new	
2614	SVCEA	Redacted	Redacted	2027	1	Redacted		Redacted	planned_new	
2615	SVCEA	Redacted	Redacted	2027	2	Redacted		Redacted	planned_new	
2616	SVCEA	Redacted	Redacted	2027	3	Redacted		Redacted	planned_new	
2617	SVCEA	Redacted	Redacted	2027	4	Redacted		Redacted	planned_new	
2618	SVCEA	Redacted	Redacted	2027	5	Redacted		Redacted	planned_new	
2619	SVCEA	Redacted	Redacted	2027	6	Redacted		Redacted	planned_new	
2620	SVCEA	Redacted	Redacted	2027	7	Redacted		Redacted	planned_new	
2621	SVCEA	Redacted	Redacted	2027	8	Redacted		Redacted	planned_new	
2622	SVCEA	Redacted	Redacted	2027	9	Redacted		Redacted	planned_new	
2623	SVCEA	Redacted	Redacted	2027	10	Redacted		Redacted	planned_new	
2624	SVCEA	Redacted	Redacted	2027	11	Redacted		Redacted	planned_new	
2625	SVCEA	Redacted	Redacted	2027	12	Redacted		Redacted	planned_new	
2626	SVCEA	Redacted	Redacted	2028	1	Redacted		Redacted	planned_new	
2627	SVCEA	Redacted	Redacted	2028	2	Redacted		Redacted	planned_new	
2628	SVCEA	Redacted	Redacted	2028	3	Redacted		Redacted	planned_new	
2629	SVCEA	Redacted	Redacted	2028	4	Redacted		Redacted	planned_new	
2630	SVCEA	Redacted	Redacted	2028	5	Redacted		Redacted	planned_new	
2631	SVCEA	Redacted	Redacted	2028	6	Redacted		Redacted	planned_new	
2632	SVCEA	Redacted	Redacted	2028	7	Redacted		Redacted	planned_new	
2633	SVCEA	Redacted	Redacted	2028	8	Redacted		Redacted	planned_new	
2634	SVCEA	Redacted	Redacted	2028	9	Redacted		Redacted	planned_new	
2635	SVCEA	Redacted	Redacted	2028	10	Redacted		Redacted	planned_new	
2636	SVCEA	Redacted	Redacted	2028	11	Redacted		Redacted	planned_new	
2637	SVCEA	Redacted	Redacted	2028	12	Redacted		Redacted	planned_new	
2638	SVCEA	Redacted	Redacted	2029	1	Redacted		Redacted	planned_new	
2639	SVCEA	Redacted	Redacted	2029	2	Redacted		Redacted	planned_new	
2640	SVCEA	Redacted	Redacted	2029	3	Redacted		Redacted	planned_new	
2641	SVCEA	Redacted	Redacted	2029	4	Redacted		Redacted	planned_new	
2642	SVCEA	Redacted	Redacted	2029	5	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2610	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2611	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2612	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2613	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2614	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2615	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2616	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2617	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2618	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2619	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2620	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2621	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2622	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2623	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2624	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2625	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2626	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2627	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2628	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2629	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2630	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2631	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2632	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2633	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2634	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2635	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2636	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2637	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2638	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2639	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2640	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2641	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2642	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2610	Redacted	ok	new_resolve	1	1	Redacted
2611	Redacted	ok	new_resolve	1	1	Redacted
2612	Redacted	ok	new_resolve	1	1	Redacted
2613	Redacted	ok	new_resolve	1	1	Redacted
2614	Redacted	ok	new_resolve	1	1	Redacted
2615	Redacted	ok	new_resolve	1	1	Redacted
2616	Redacted	ok	new_resolve	1	1	Redacted
2617	Redacted	ok	new_resolve	1	1	Redacted
2618	Redacted	ok	new_resolve	1	1	Redacted
2619	Redacted	ok	new_resolve	1	1	Redacted
2620	Redacted	ok	new_resolve	1	1	Redacted
2621	Redacted	ok	new_resolve	1	1	Redacted
2622	Redacted	ok	new_resolve	1	1	Redacted
2623	Redacted	ok	new_resolve	1	1	Redacted
2624	Redacted	ok	new_resolve	1	1	Redacted
2625	Redacted	ok	new_resolve	1	1	Redacted
2626	Redacted	ok	new_resolve	1	1	Redacted
2627	Redacted	ok	new_resolve	1	1	Redacted
2628	Redacted	ok	new_resolve	1	1	Redacted
2629	Redacted	ok	new_resolve	1	1	Redacted
2630	Redacted	ok	new_resolve	1	1	Redacted
2631	Redacted	ok	new_resolve	1	1	Redacted
2632	Redacted	ok	new_resolve	1	1	Redacted
2633	Redacted	ok	new_resolve	1	1	Redacted
2634	Redacted	ok	new_resolve	1	1	Redacted
2635	Redacted	ok	new_resolve	1	1	Redacted
2636	Redacted	ok	new_resolve	1	1	Redacted
2637	Redacted	ok	new_resolve	1	1	Redacted
2638	Redacted	ok	new_resolve	1	1	Redacted
2639	Redacted	ok	new_resolve	1	1	Redacted
2640	Redacted	ok	new_resolve	1	1	Redacted
2641	Redacted	ok	new_resolve	1	1	Redacted
2642	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2610	0	0	1	1	1	1	1	1	1	1
2611	0	0	1	1	1	1	1	1	1	1
2612	0	0	1	1	1	1	1	1	1	1
2613	0	0	1	1	1	1	1	1	1	1
2614	0	0	1	1	1	1	1	1	1	1
2615	0	0	1	1	1	1	1	1	1	1
2616	0	0	1	1	1	1	1	1	1	1
2617	0	0	1	1	1	1	1	1	1	1
2618	0	0	1	1	1	1	1	1	1	1
2619	0	0	1	1	1	1	1	1	1	1
2620	0	0	1	1	1	1	1	1	1	1
2621	0	0	1	1	1	1	1	1	1	1
2622	0	0	1	1	1	1	1	1	1	1
2623	0	0	1	1	1	1	1	1	1	1
2624	0	0	1	1	1	1	1	1	1	1
2625	0	0	1	1	1	1	1	1	1	1
2626	0	0	1	1	1	1	1	1	1	1
2627	0	0	1	1	1	1	1	1	1	1
2628	0	0	1	1	1	1	1	1	1	1
2629	0	0	1	1	1	1	1	1	1	1
2630	0	0	1	1	1	1	1	1	1	1
2631	0	0	1	1	1	1	1	1	1	1
2632	0	0	1	1	1	1	1	1	1	1
2633	0	0	1	1	1	1	1	1	1	1
2634	0	0	1	1	1	1	1	1	1	1
2635	0	0	1	1	1	1	1	1	1	1
2636	0	0	1	1	1	1	1	1	1	1
2637	0	0	1	1	1	1	1	1	1	1
2638	0	0	1	1	1	1	1	1	1	1
2639	0	0	1	1	1	1	1	1	1	1
2640	0	0	1	1	1	1	1	1	1	1
2641	0	0	1	1	1	1	1	1	1	1
2642	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2643	SVCEA	Redacted	Redacted	2029	6	Redacted		Redacted	planned_new	
2644	SVCEA	Redacted	Redacted	2029	7	Redacted		Redacted	planned_new	
2645	SVCEA	Redacted	Redacted	2029	8	Redacted		Redacted	planned_new	
2646	SVCEA	Redacted	Redacted	2029	9	Redacted		Redacted	planned_new	
2647	SVCEA	Redacted	Redacted	2029	10	Redacted		Redacted	planned_new	
2648	SVCEA	Redacted	Redacted	2029	11	Redacted		Redacted	planned_new	
2649	SVCEA	Redacted	Redacted	2029	12	Redacted		Redacted	planned_new	
2650	SVCEA	Redacted	Redacted	2030	1	Redacted		Redacted	planned_new	
2651	SVCEA	Redacted	Redacted	2030	2	Redacted		Redacted	planned_new	
2652	SVCEA	Redacted	Redacted	2030	3	Redacted		Redacted	planned_new	
2653	SVCEA	Redacted	Redacted	2030	4	Redacted		Redacted	planned_new	
2654	SVCEA	Redacted	Redacted	2030	5	Redacted		Redacted	planned_new	
2655	SVCEA	Redacted	Redacted	2030	6	Redacted		Redacted	planned_new	
2656	SVCEA	Redacted	Redacted	2030	7	Redacted		Redacted	planned_new	
2657	SVCEA	Redacted	Redacted	2030	8	Redacted		Redacted	planned_new	
2658	SVCEA	Redacted	Redacted	2030	9	Redacted		Redacted	planned_new	
2659	SVCEA	Redacted	Redacted	2030	10	Redacted		Redacted	planned_new	
2660	SVCEA	Redacted	Redacted	2030	11	Redacted		Redacted	planned_new	
2661	SVCEA	Redacted	Redacted	2030	12	Redacted		Redacted	planned_new	
2662	SVCEA	Redacted	Redacted	2023	1	Redacted		Redacted	planned_new	
2663	SVCEA	Redacted	Redacted	2023	2	Redacted		Redacted	planned_new	
2664	SVCEA	Redacted	Redacted	2023	3	Redacted		Redacted	planned_new	
2665	SVCEA	Redacted	Redacted	2023	4	Redacted		Redacted	planned_new	
2666	SVCEA	Redacted	Redacted	2023	5	Redacted		Redacted	planned_new	
2667	SVCEA	Redacted	Redacted	2023	6	Redacted		Redacted	planned_new	
2668	SVCEA	Redacted	Redacted	2023	7	Redacted		Redacted	planned_new	
2669	SVCEA	Redacted	Redacted	2023	8	Redacted		Redacted	planned_new	
2670	SVCEA	Redacted	Redacted	2023	9	Redacted		Redacted	planned_new	
2671	SVCEA	Redacted	Redacted	2023	10	Redacted		Redacted	planned_new	
2672	SVCEA	Redacted	Redacted	2023	11	Redacted		Redacted	planned_new	
2673	SVCEA	Redacted	Redacted	2023	12	Redacted		Redacted	planned_new	
2674	SVCEA	Redacted	Redacted	2024	1	Redacted		Redacted	planned_new	
2675	SVCEA	Redacted	Redacted	2024	2	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2643	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2644	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2645	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2646	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2647	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2648	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2649	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2650	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2651	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2652	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2653	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2654	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2655	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2656	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2657	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2658	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2659	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2660	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2661	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2662	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2663	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2664	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2665	Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1	Redacted
2666	Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1	Redacted
2667	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2668	Redacted	Redacted	Redacted	0	Redacted	Redacted	23%	1	Redacted
2669	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2670	Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1	Redacted
2671	Redacted	Redacted	Redacted	0	Redacted	Redacted	8%	1	Redacted
2672	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2673	Redacted	Redacted	Redacted	0	Redacted	Redacted	13%	1	Redacted
2674	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2675	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2643	Redacted	ok	new_resolve	1	1	Redacted
2644	Redacted	ok	new_resolve	1	1	Redacted
2645	Redacted	ok	new_resolve	1	1	Redacted
2646	Redacted	ok	new_resolve	1	1	Redacted
2647	Redacted	ok	new_resolve	1	1	Redacted
2648	Redacted	ok	new_resolve	1	1	Redacted
2649	Redacted	ok	new_resolve	1	1	Redacted
2650	Redacted	ok	new_resolve	1	1	Redacted
2651	Redacted	ok	new_resolve	1	1	Redacted
2652	Redacted	ok	new_resolve	1	1	Redacted
2653	Redacted	ok	new_resolve	1	1	Redacted
2654	Redacted	ok	new_resolve	1	1	Redacted
2655	Redacted	ok	new_resolve	1	1	Redacted
2656	Redacted	ok	new_resolve	1	1	Redacted
2657	Redacted	ok	new_resolve	1	1	Redacted
2658	Redacted	ok	new_resolve	1	1	Redacted
2659	Redacted	ok	new_resolve	1	1	Redacted
2660	Redacted	ok	new_resolve	1	1	Redacted
2661	Redacted	ok	new_resolve	1	1	Redacted
2662	Redacted	ok	new_resolve	1	1	Redacted
2663	Redacted	ok	new_resolve	1	1	Redacted
2664	Redacted	ok	new_resolve	1	1	Redacted
2665	Redacted	ok	new_resolve	1	1	Redacted
2666	Redacted	ok	new_resolve	1	1	Redacted
2667	Redacted	ok	new_resolve	1	1	Redacted
2668	Redacted	ok	new_resolve	1	1	Redacted
2669	Redacted	ok	new_resolve	1	1	Redacted
2670	Redacted	ok	new_resolve	1	1	Redacted
2671	Redacted	ok	new_resolve	1	1	Redacted
2672	Redacted	ok	new_resolve	1	1	Redacted
2673	Redacted	ok	new_resolve	1	1	Redacted
2674	Redacted	ok	new_resolve	1	1	Redacted
2675	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2643	0	0	1	1	1	1	1	1	1	1
2644	0	0	1	1	1	1	1	1	1	1
2645	0	0	1	1	1	1	1	1	1	1
2646	0	0	1	1	1	1	1	1	1	1
2647	0	0	1	1	1	1	1	1	1	1
2648	0	0	1	1	1	1	1	1	1	1
2649	0	0	1	1	1	1	1	1	1	1
2650	0	0	1	1	1	1	1	1	1	1
2651	0	0	1	1	1	1	1	1	1	1
2652	0	0	1	1	1	1	1	1	1	1
2653	0	0	1	1	1	1	1	1	1	1
2654	0	0	1	1	1	1	1	1	1	1
2655	0	0	1	1	1	1	1	1	1	1
2656	0	0	1	1	1	1	1	1	1	1
2657	0	0	1	1	1	1	1	1	1	1
2658	0	0	1	1	1	1	1	1	1	1
2659	0	0	1	1	1	1	1	1	1	1
2660	0	0	1	1	1	1	1	1	1	1
2661	0	0	1	1	1	1	1	1	1	1
2662	1	130	1	1	1	1	1	1	1	1
2663	0	0	1	1	1	1	1	1	1	1
2664	0	0	1	1	1	1	1	1	1	1
2665	0	0	1	1	1	1	1	1	1	1
2666	0	0	1	1	1	1	1	1	1	1
2667	0	0	1	1	1	1	1	1	1	1
2668	0	0	1	1	1	1	1	1	1	1
2669	0	0	1	1	1	1	1	1	1	1
2670	0	0	1	1	1	1	1	1	1	1
2671	0	0	1	1	1	1	1	1	1	1
2672	0	0	1	1	1	1	1	1	1	1
2673	0	0	1	1	1	1	1	1	1	1
2674	0	0	1	1	1	1	1	1	1	1
2675	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2676	SVCEA	Redacted	Redacted	2024	3	Redacted		Redacted	planned_new	
2677	SVCEA	Redacted	Redacted	2024	4	Redacted		Redacted	planned_new	
2678	SVCEA	Redacted	Redacted	2024	5	Redacted		Redacted	planned_new	
2679	SVCEA	Redacted	Redacted	2024	6	Redacted		Redacted	planned_new	
2680	SVCEA	Redacted	Redacted	2024	7	Redacted		Redacted	planned_new	
2681	SVCEA	Redacted	Redacted	2024	8	Redacted		Redacted	planned_new	
2682	SVCEA	Redacted	Redacted	2024	9	Redacted		Redacted	planned_new	
2683	SVCEA	Redacted	Redacted	2024	10	Redacted		Redacted	planned_new	
2684	SVCEA	Redacted	Redacted	2024	11	Redacted		Redacted	planned_new	
2685	SVCEA	Redacted	Redacted	2024	12	Redacted		Redacted	planned_new	
2686	SVCEA	Redacted	Redacted	2025	1	Redacted		Redacted	planned_new	
2687	SVCEA	Redacted	Redacted	2025	2	Redacted		Redacted	planned_new	
2688	SVCEA	Redacted	Redacted	2025	3	Redacted		Redacted	planned_new	
2689	SVCEA	Redacted	Redacted	2025	4	Redacted		Redacted	planned_new	
2690	SVCEA	Redacted	Redacted	2025	5	Redacted		Redacted	planned_new	
2691	SVCEA	Redacted	Redacted	2025	6	Redacted		Redacted	planned_new	
2692	SVCEA	Redacted	Redacted	2025	7	Redacted		Redacted	planned_new	
2693	SVCEA	Redacted	Redacted	2025	8	Redacted		Redacted	planned_new	
2694	SVCEA	Redacted	Redacted	2025	9	Redacted		Redacted	planned_new	
2695	SVCEA	Redacted	Redacted	2025	10	Redacted		Redacted	planned_new	
2696	SVCEA	Redacted	Redacted	2025	11	Redacted		Redacted	planned_new	
2697	SVCEA	Redacted	Redacted	2025	12	Redacted		Redacted	planned_new	
2698	SVCEA	Redacted	Redacted	2026	1	Redacted		Redacted	planned_new	
2699	SVCEA	Redacted	Redacted	2026	2	Redacted		Redacted	planned_new	
2700	SVCEA	Redacted	Redacted	2026	3	Redacted		Redacted	planned_new	
2701	SVCEA	Redacted	Redacted	2026	4	Redacted		Redacted	planned_new	
2702	SVCEA	Redacted	Redacted	2026	5	Redacted		Redacted	planned_new	
2703	SVCEA	Redacted	Redacted	2026	6	Redacted		Redacted	planned_new	
2704	SVCEA	Redacted	Redacted	2026	7	Redacted		Redacted	planned_new	
2705	SVCEA	Redacted	Redacted	2026	8	Redacted		Redacted	planned_new	
2706	SVCEA	Redacted	Redacted	2026	9	Redacted		Redacted	planned_new	
2707	SVCEA	Redacted	Redacted	2026	10	Redacted		Redacted	planned_new	
2708	SVCEA	Redacted	Redacted	2026	11	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2676	Redacted	Redacted	Redacted	0	Redacted	Redacted	32%	1	Redacted
2677	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2678	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2679	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2680	Redacted	Redacted	Redacted	0	Redacted	Redacted	26%	1	Redacted
2681	Redacted	Redacted	Redacted	0	Redacted	Redacted	24%	1	Redacted
2682	Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1	Redacted
2683	Redacted	Redacted	Redacted	0	Redacted	Redacted	9%	1	Redacted
2684	Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1	Redacted
2685	Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1	Redacted
2686	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2687	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2688	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2689	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2690	Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1	Redacted
2691	Redacted	Redacted	Redacted	0	Redacted	Redacted	44%	1	Redacted
2692	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2693	Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1	Redacted
2694	Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1	Redacted
2695	Redacted	Redacted	Redacted	0	Redacted	Redacted	11%	1	Redacted
2696	Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1	Redacted
2697	Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1	Redacted
2698	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2699	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2700	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2701	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2702	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2703	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2704	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2705	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2706	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2707	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2708	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2676	Redacted	ok	new_resolve	1	1	Redacted
2677	Redacted	ok	new_resolve	1	1	Redacted
2678	Redacted	ok	new_resolve	1	1	Redacted
2679	Redacted	ok	new_resolve	1	1	Redacted
2680	Redacted	ok	new_resolve	1	1	Redacted
2681	Redacted	ok	new_resolve	1	1	Redacted
2682	Redacted	ok	new_resolve	1	1	Redacted
2683	Redacted	ok	new_resolve	1	1	Redacted
2684	Redacted	ok	new_resolve	1	1	Redacted
2685	Redacted	ok	new_resolve	1	1	Redacted
2686	Redacted	ok	new_resolve	1	1	Redacted
2687	Redacted	ok	new_resolve	1	1	Redacted
2688	Redacted	ok	new_resolve	1	1	Redacted
2689	Redacted	ok	new_resolve	1	1	Redacted
2690	Redacted	ok	new_resolve	1	1	Redacted
2691	Redacted	ok	new_resolve	1	1	Redacted
2692	Redacted	ok	new_resolve	1	1	Redacted
2693	Redacted	ok	new_resolve	1	1	Redacted
2694	Redacted	ok	new_resolve	1	1	Redacted
2695	Redacted	ok	new_resolve	1	1	Redacted
2696	Redacted	ok	new_resolve	1	1	Redacted
2697	Redacted	ok	new_resolve	1	1	Redacted
2698	Redacted	ok	new_resolve	1	1	Redacted
2699	Redacted	ok	new_resolve	1	1	Redacted
2700	Redacted	ok	new_resolve	1	1	Redacted
2701	Redacted	ok	new_resolve	1	1	Redacted
2702	Redacted	ok	new_resolve	1	1	Redacted
2703	Redacted	ok	new_resolve	1	1	Redacted
2704	Redacted	ok	new_resolve	1	1	Redacted
2705	Redacted	ok	new_resolve	1	1	Redacted
2706	Redacted	ok	new_resolve	1	1	Redacted
2707	Redacted	ok	new_resolve	1	1	Redacted
2708	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2676	0	0	1	1	1	1	1	1	1	1
2677	0	0	1	1	1	1	1	1	1	1
2678	0	0	1	1	1	1	1	1	1	1
2679	0	0	1	1	1	1	1	1	1	1
2680	0	0	1	1	1	1	1	1	1	1
2681	0	0	1	1	1	1	1	1	1	1
2682	0	0	1	1	1	1	1	1	1	1
2683	0	0	1	1	1	1	1	1	1	1
2684	0	0	1	1	1	1	1	1	1	1
2685	0	0	1	1	1	1	1	1	1	1
2686	0	0	1	1	1	1	1	1	1	1
2687	0	0	1	1	1	1	1	1	1	1
2688	0	0	1	1	1	1	1	1	1	1
2689	0	0	1	1	1	1	1	1	1	1
2690	0	0	1	1	1	1	1	1	1	1
2691	0	0	1	1	1	1	1	1	1	1
2692	0	0	1	1	1	1	1	1	1	1
2693	0	0	1	1	1	1	1	1	1	1
2694	0	0	1	1	1	1	1	1	1	1
2695	0	0	1	1	1	1	1	1	1	1
2696	0	0	1	1	1	1	1	1	1	1
2697	0	0	1	1	1	1	1	1	1	1
2698	0	0	1	1	1	1	1	1	1	1
2699	0	0	1	1	1	1	1	1	1	1
2700	0	0	1	1	1	1	1	1	1	1
2701	0	0	1	1	1	1	1	1	1	1
2702	0	0	1	1	1	1	1	1	1	1
2703	0	0	1	1	1	1	1	1	1	1
2704	0	0	1	1	1	1	1	1	1	1
2705	0	0	1	1	1	1	1	1	1	1
2706	0	0	1	1	1	1	1	1	1	1
2707	0	0	1	1	1	1	1	1	1	1
2708	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2709	SVCEA	Redacted	Redacted	2026	12	Redacted		Redacted	planned_new	
2710	SVCEA	Redacted	Redacted	2027	1	Redacted		Redacted	planned_new	
2711	SVCEA	Redacted	Redacted	2027	2	Redacted		Redacted	planned_new	
2712	SVCEA	Redacted	Redacted	2027	3	Redacted		Redacted	planned_new	
2713	SVCEA	Redacted	Redacted	2027	4	Redacted		Redacted	planned_new	
2714	SVCEA	Redacted	Redacted	2027	5	Redacted		Redacted	planned_new	
2715	SVCEA	Redacted	Redacted	2027	6	Redacted		Redacted	planned_new	
2716	SVCEA	Redacted	Redacted	2027	7	Redacted		Redacted	planned_new	
2717	SVCEA	Redacted	Redacted	2027	8	Redacted		Redacted	planned_new	
2718	SVCEA	Redacted	Redacted	2027	9	Redacted		Redacted	planned_new	
2719	SVCEA	Redacted	Redacted	2027	10	Redacted		Redacted	planned_new	
2720	SVCEA	Redacted	Redacted	2027	11	Redacted		Redacted	planned_new	
2721	SVCEA	Redacted	Redacted	2027	12	Redacted		Redacted	planned_new	
2722	SVCEA	Redacted	Redacted	2028	1	Redacted		Redacted	planned_new	
2723	SVCEA	Redacted	Redacted	2028	2	Redacted		Redacted	planned_new	
2724	SVCEA	Redacted	Redacted	2028	3	Redacted		Redacted	planned_new	
2725	SVCEA	Redacted	Redacted	2028	4	Redacted		Redacted	planned_new	
2726	SVCEA	Redacted	Redacted	2028	5	Redacted		Redacted	planned_new	
2727	SVCEA	Redacted	Redacted	2028	6	Redacted		Redacted	planned_new	
2728	SVCEA	Redacted	Redacted	2028	7	Redacted		Redacted	planned_new	
2729	SVCEA	Redacted	Redacted	2028	8	Redacted		Redacted	planned_new	
2730	SVCEA	Redacted	Redacted	2028	9	Redacted		Redacted	planned_new	
2731	SVCEA	Redacted	Redacted	2028	10	Redacted		Redacted	planned_new	
2732	SVCEA	Redacted	Redacted	2028	11	Redacted		Redacted	planned_new	
2733	SVCEA	Redacted	Redacted	2028	12	Redacted		Redacted	planned_new	
2734	SVCEA	Redacted	Redacted	2029	1	Redacted		Redacted	planned_new	
2735	SVCEA	Redacted	Redacted	2029	2	Redacted		Redacted	planned_new	
2736	SVCEA	Redacted	Redacted	2029	3	Redacted		Redacted	planned_new	
2737	SVCEA	Redacted	Redacted	2029	4	Redacted		Redacted	planned_new	
2738	SVCEA	Redacted	Redacted	2029	5	Redacted		Redacted	planned_new	
2739	SVCEA	Redacted	Redacted	2029	6	Redacted		Redacted	planned_new	
2740	SVCEA	Redacted	Redacted	2029	7	Redacted		Redacted	planned_new	
2741	SVCEA	Redacted	Redacted	2029	8	Redacted		Redacted	planned_new	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2709	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2710	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2711	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2712	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2713	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2714	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2715	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2716	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2717	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2718	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2719	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2720	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2721	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2722	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2723	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2724	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2725	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2726	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2727	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2728	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2729	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2730	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2731	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2732	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2733	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2734	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2735	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2736	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2737	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2738	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2739	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2740	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2741	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2709	Redacted	ok	new_resolve	1	1	Redacted
2710	Redacted	ok	new_resolve	1	1	Redacted
2711	Redacted	ok	new_resolve	1	1	Redacted
2712	Redacted	ok	new_resolve	1	1	Redacted
2713	Redacted	ok	new_resolve	1	1	Redacted
2714	Redacted	ok	new_resolve	1	1	Redacted
2715	Redacted	ok	new_resolve	1	1	Redacted
2716	Redacted	ok	new_resolve	1	1	Redacted
2717	Redacted	ok	new_resolve	1	1	Redacted
2718	Redacted	ok	new_resolve	1	1	Redacted
2719	Redacted	ok	new_resolve	1	1	Redacted
2720	Redacted	ok	new_resolve	1	1	Redacted
2721	Redacted	ok	new_resolve	1	1	Redacted
2722	Redacted	ok	new_resolve	1	1	Redacted
2723	Redacted	ok	new_resolve	1	1	Redacted
2724	Redacted	ok	new_resolve	1	1	Redacted
2725	Redacted	ok	new_resolve	1	1	Redacted
2726	Redacted	ok	new_resolve	1	1	Redacted
2727	Redacted	ok	new_resolve	1	1	Redacted
2728	Redacted	ok	new_resolve	1	1	Redacted
2729	Redacted	ok	new_resolve	1	1	Redacted
2730	Redacted	ok	new_resolve	1	1	Redacted
2731	Redacted	ok	new_resolve	1	1	Redacted
2732	Redacted	ok	new_resolve	1	1	Redacted
2733	Redacted	ok	new_resolve	1	1	Redacted
2734	Redacted	ok	new_resolve	1	1	Redacted
2735	Redacted	ok	new_resolve	1	1	Redacted
2736	Redacted	ok	new_resolve	1	1	Redacted
2737	Redacted	ok	new_resolve	1	1	Redacted
2738	Redacted	ok	new_resolve	1	1	Redacted
2739	Redacted	ok	new_resolve	1	1	Redacted
2740	Redacted	ok	new_resolve	1	1	Redacted
2741	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2709	0	0	1	1	1	1	1	1	1	1
2710	0	0	1	1	1	1	1	1	1	1
2711	0	0	1	1	1	1	1	1	1	1
2712	0	0	1	1	1	1	1	1	1	1
2713	0	0	1	1	1	1	1	1	1	1
2714	0	0	1	1	1	1	1	1	1	1
2715	0	0	1	1	1	1	1	1	1	1
2716	0	0	1	1	1	1	1	1	1	1
2717	0	0	1	1	1	1	1	1	1	1
2718	0	0	1	1	1	1	1	1	1	1
2719	0	0	1	1	1	1	1	1	1	1
2720	0	0	1	1	1	1	1	1	1	1
2721	0	0	1	1	1	1	1	1	1	1
2722	0	0	1	1	1	1	1	1	1	1
2723	0	0	1	1	1	1	1	1	1	1
2724	0	0	1	1	1	1	1	1	1	1
2725	0	0	1	1	1	1	1	1	1	1
2726	0	0	1	1	1	1	1	1	1	1
2727	0	0	1	1	1	1	1	1	1	1
2728	0	0	1	1	1	1	1	1	1	1
2729	0	0	1	1	1	1	1	1	1	1
2730	0	0	1	1	1	1	1	1	1	1
2731	0	0	1	1	1	1	1	1	1	1
2732	0	0	1	1	1	1	1	1	1	1
2733	0	0	1	1	1	1	1	1	1	1
2734	0	0	1	1	1	1	1	1	1	1
2735	0	0	1	1	1	1	1	1	1	1
2736	0	0	1	1	1	1	1	1	1	1
2737	0	0	1	1	1	1	1	1	1	1
2738	0	0	1	1	1	1	1	1	1	1
2739	0	0	1	1	1	1	1	1	1	1
2740	0	0	1	1	1	1	1	1	1	1
2741	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2742	SVCEA	Redacted	Redacted	2029	9	Redacted		Redacted	planned_new	
2743	SVCEA	Redacted	Redacted	2029	10	Redacted		Redacted	planned_new	
2744	SVCEA	Redacted	Redacted	2029	11	Redacted		Redacted	planned_new	
2745	SVCEA	Redacted	Redacted	2029	12	Redacted		Redacted	planned_new	
2746	SVCEA	Redacted	Redacted	2030	1	Redacted		Redacted	planned_new	
2747	SVCEA	Redacted	Redacted	2030	2	Redacted		Redacted	planned_new	
2748	SVCEA	Redacted	Redacted	2030	3	Redacted		Redacted	planned_new	
2749	SVCEA	Redacted	Redacted	2030	4	Redacted		Redacted	planned_new	
2750	SVCEA	Redacted	Redacted	2030	5	Redacted		Redacted	planned_new	
2751	SVCEA	Redacted	Redacted	2030	6	Redacted		Redacted	planned_new	
2752	SVCEA	Redacted	Redacted	2030	7	Redacted		Redacted	planned_new	
2753	SVCEA	Redacted	Redacted	2030	8	Redacted		Redacted	planned_new	
2754	SVCEA	Redacted	Redacted	2030	9	Redacted		Redacted	planned_new	
2755	SVCEA	Redacted	Redacted	2030	10	Redacted		Redacted	planned_new	
2756	SVCEA	Redacted	Redacted	2030	11	Redacted		Redacted	planned_new	
2757	SVCEA	Redacted	Redacted	2030	12	Redacted		Redacted	planned_new	
2758	SVCEA	Redacted	Redacted	2020	1	0	Redacted		online	
2759	SVCEA	Redacted	Redacted	2020	2	0	Redacted		online	
2760	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online	
2761	SVCEA	Redacted	Redacted	2020	4	0	Redacted		online	
2762	SVCEA	Redacted	Redacted	2020	5	0	Redacted		online	
2763	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online	
2764	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online	
2765	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online	
2766	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online	
2767	SVCEA	Redacted	Redacted	2020	10	0	Redacted		online	
2768	SVCEA	Redacted	Redacted	2020	11	0	Redacted		online	
2769	SVCEA	Redacted	Redacted	2020	12	0	Redacted		online	
2770	SVCEA	Redacted	Redacted	2021	1	0	Redacted		online	
2771	SVCEA	Redacted	Redacted	2021	2	0	Redacted		online	
2772	SVCEA	Redacted	Redacted	2021	3	0	Redacted		online	
2773	SVCEA	Redacted	Redacted	2021	4	0	Redacted		online	
2774	SVCEA	Redacted	Redacted	2021	5	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2742	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2743	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2744	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2745	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2746	Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1	Redacted
2747	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2748	Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1	Redacted
2749	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2750	Redacted	Redacted	Redacted	0	Redacted	Redacted	37%	1	Redacted
2751	Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1	Redacted
2752	Redacted	Redacted	Redacted	0	Redacted	Redacted	34%	1	Redacted
2753	Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1	Redacted
2754	Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1	Redacted
2755	Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1	Redacted
2756	Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1	Redacted
2757	Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1	Redacted
2758	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2759	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2760	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2761	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2762	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2763	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2764	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2765	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2766	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2767	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2768	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2769	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2770	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2771	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2772	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2773	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2774	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2742	Redacted	ok	new_resolve	1	1	Redacted
2743	Redacted	ok	new_resolve	1	1	Redacted
2744	Redacted	ok	new_resolve	1	1	Redacted
2745	Redacted	ok	new_resolve	1	1	Redacted
2746	Redacted	ok	new_resolve	1	1	Redacted
2747	Redacted	ok	new_resolve	1	1	Redacted
2748	Redacted	ok	new_resolve	1	1	Redacted
2749	Redacted	ok	new_resolve	1	1	Redacted
2750	Redacted	ok	new_resolve	1	1	Redacted
2751	Redacted	ok	new_resolve	1	1	Redacted
2752	Redacted	ok	new_resolve	1	1	Redacted
2753	Redacted	ok	new_resolve	1	1	Redacted
2754	Redacted	ok	new_resolve	1	1	Redacted
2755	Redacted	ok	new_resolve	1	1	Redacted
2756	Redacted	ok	new_resolve	1	1	Redacted
2757	Redacted	ok	new_resolve	1	1	Redacted
2758	Redacted	ok	existing_generic	0	1	Redacted
2759	Redacted	ok	existing_generic	0	1	Redacted
2760	Redacted	ok	existing_generic	0	1	Redacted
2761	Redacted	ok	existing_generic	0	1	Redacted
2762	Redacted	ok	existing_generic	0	1	Redacted
2763	Redacted	ok	existing_generic	0	1	Redacted
2764	Redacted	ok	existing_generic	0	1	Redacted
2765	Redacted	ok	existing_generic	0	1	Redacted
2766	Redacted	ok	existing_generic	0	1	Redacted
2767	Redacted	ok	existing_generic	0	1	Redacted
2768	Redacted	ok	existing_generic	0	1	Redacted
2769	Redacted	ok	existing_generic	0	1	Redacted
2770	Redacted	ok	existing_generic	0	1	Redacted
2771	Redacted	ok	existing_generic	0	1	Redacted
2772	Redacted	ok	existing_generic	0	1	Redacted
2773	Redacted	ok	existing_generic	0	1	Redacted
2774	Redacted	ok	existing_generic	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2742	0	0	1	1	1	1	1	1	1	1
2743	0	0	1	1	1	1	1	1	1	1
2744	0	0	1	1	1	1	1	1	1	1
2745	0	0	1	1	1	1	1	1	1	1
2746	0	0	1	1	1	1	1	1	1	1
2747	0	0	1	1	1	1	1	1	1	1
2748	0	0	1	1	1	1	1	1	1	1
2749	0	0	1	1	1	1	1	1	1	1
2750	0	0	1	1	1	1	1	1	1	1
2751	0	0	1	1	1	1	1	1	1	1
2752	0	0	1	1	1	1	1	1	1	1
2753	0	0	1	1	1	1	1	1	1	1
2754	0	0	1	1	1	1	1	1	1	1
2755	0	0	1	1	1	1	1	1	1	1
2756	0	0	1	1	1	1	1	1	1	1
2757	0	0	1	1	1	1	1	1	1	1
2758	1	131	1	1	1	1	1	1	1	1
2759	0	0	1	1	1	1	1	1	1	1
2760	0	0	1	1	1	1	1	1	1	1
2761	0	0	1	1	1	1	1	1	1	1
2762	0	0	1	1	1	1	1	1	1	1
2763	0	0	1	1	1	1	1	1	1	1
2764	0	0	1	1	1	1	1	1	1	1
2765	0	0	1	1	1	1	1	1	1	1
2766	0	0	1	1	1	1	1	1	1	1
2767	0	0	1	1	1	1	1	1	1	1
2768	0	0	1	1	1	1	1	1	1	1
2769	0	0	1	1	1	1	1	1	1	1
2770	1	132	1	1	1	1	1	1	1	1
2771	0	0	1	1	1	1	1	1	1	1
2772	0	0	1	1	1	1	1	1	1	1
2773	0	0	1	1	1	1	1	1	1	1
2774	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2775	SVCEA	Redacted	Redacted	2021	6	0	Redacted		online	
2776	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online	
2777	SVCEA	Redacted	Redacted	2021	8	0	Redacted		online	
2778	SVCEA	Redacted	Redacted	2021	9	0	Redacted		online	
2779	SVCEA	Redacted	Redacted	2021	10	0	Redacted		online	
2780	SVCEA	Redacted	Redacted	2021	11	0	Redacted		online	
2781	SVCEA	Redacted	Redacted	2021	12	0	Redacted		online	
2782	SVCEA	Redacted	Redacted	2022	1	0	Redacted		online	
2783	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online	
2784	SVCEA	Redacted	Redacted	2022	3	0	Redacted		online	
2785	SVCEA	Redacted	Redacted	2022	4	0	Redacted		online	
2786	SVCEA	Redacted	Redacted	2022	5	0	Redacted		online	
2787	SVCEA	Redacted	Redacted	2022	6	0	Redacted		online	
2788	SVCEA	Redacted	Redacted	2022	7	0	Redacted		online	
2789	SVCEA	Redacted	Redacted	2022	8	0	Redacted		online	
2790	SVCEA	Redacted	Redacted	2022	9	0	Redacted		online	
2791	SVCEA	Redacted	Redacted	2022	10	0	Redacted		online	
2792	SVCEA	Redacted	Redacted	2022	11	0	Redacted		online	
2793	SVCEA	Redacted	Redacted	2022	12	0	Redacted		online	
2794	SVCEA	Redacted	Redacted	2023	1	0	Redacted		online	
2795	SVCEA	Redacted	Redacted	2023	2	0	Redacted		online	
2796	SVCEA	Redacted	Redacted	2023	3	0	Redacted		online	
2797	SVCEA	Redacted	Redacted	2023	4	0	Redacted		online	
2798	SVCEA	Redacted	Redacted	2023	5	0	Redacted		online	
2799	SVCEA	Redacted	Redacted	2023	6	0	Redacted		online	
2800	SVCEA	Redacted	Redacted	2023	7	0	Redacted		online	
2801	SVCEA	Redacted	Redacted	2023	8	0	Redacted		online	
2802	SVCEA	Redacted	Redacted	2023	9	0	Redacted		online	
2803	SVCEA	Redacted	Redacted	2023	10	0	Redacted		online	
2804	SVCEA	Redacted	Redacted	2023	11	0	Redacted		online	
2805	SVCEA	Redacted	Redacted	2023	12	0	Redacted		online	
2806	SVCEA	Redacted	Redacted	2024	1	0	Redacted		online	
2807	SVCEA	Redacted	Redacted	2024	2	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2775	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2776	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2777	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2778	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2779	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2780	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2781	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2782	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2783	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2784	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2785	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2786	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2787	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2788	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2789	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2790	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2791	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2792	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2793	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2794	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2795	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2796	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2797	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2798	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2799	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2800	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2801	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2802	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2803	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2804	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2805	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2806	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2807	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2775	Redacted	ok	existing_generic	0	1	Redacted
2776	Redacted	ok	existing_generic	0	1	Redacted
2777	Redacted	ok	existing_generic	0	1	Redacted
2778	Redacted	ok	existing_generic	0	1	Redacted
2779	Redacted	ok	existing_generic	0	1	Redacted
2780	Redacted	ok	existing_generic	0	1	Redacted
2781	Redacted	ok	existing_generic	0	1	Redacted
2782	Redacted	ok	existing_generic	0	1	Redacted
2783	Redacted	ok	existing_generic	0	1	Redacted
2784	Redacted	ok	existing_generic	0	1	Redacted
2785	Redacted	ok	existing_generic	0	1	Redacted
2786	Redacted	ok	existing_generic	0	1	Redacted
2787	Redacted	ok	existing_generic	0	1	Redacted
2788	Redacted	ok	existing_generic	0	1	Redacted
2789	Redacted	ok	existing_generic	0	1	Redacted
2790	Redacted	ok	existing_generic	0	1	Redacted
2791	Redacted	ok	existing_generic	0	1	Redacted
2792	Redacted	ok	existing_generic	0	1	Redacted
2793	Redacted	ok	existing_generic	0	1	Redacted
2794	Redacted	ok	existing_generic	0	1	Redacted
2795	Redacted	ok	existing_generic	0	1	Redacted
2796	Redacted	ok	existing_generic	0	1	Redacted
2797	Redacted	ok	existing_generic	0	1	Redacted
2798	Redacted	ok	existing_generic	0	1	Redacted
2799	Redacted	ok	existing_generic	0	1	Redacted
2800	Redacted	ok	existing_generic	0	1	Redacted
2801	Redacted	ok	existing_generic	0	1	Redacted
2802	Redacted	ok	existing_generic	0	1	Redacted
2803	Redacted	ok	existing_generic	0	1	Redacted
2804	Redacted	ok	existing_generic	0	1	Redacted
2805	Redacted	ok	existing_generic	0	1	Redacted
2806	Redacted	ok	existing_generic	0	1	Redacted
2807	Redacted	ok	existing_generic	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2775	0	0	1	1	1	1	1	1	1	1
2776	0	0	1	1	1	1	1	1	1	1
2777	0	0	1	1	1	1	1	1	1	1
2778	0	0	1	1	1	1	1	1	1	1
2779	0	0	1	1	1	1	1	1	1	1
2780	0	0	1	1	1	1	1	1	1	1
2781	0	0	1	1	1	1	1	1	1	1
2782	0	0	1	1	1	1	1	1	1	1
2783	0	0	1	1	1	1	1	1	1	1
2784	0	0	1	1	1	1	1	1	1	1
2785	0	0	1	1	1	1	1	1	1	1
2786	0	0	1	1	1	1	1	1	1	1
2787	0	0	1	1	1	1	1	1	1	1
2788	0	0	1	1	1	1	1	1	1	1
2789	0	0	1	1	1	1	1	1	1	1
2790	0	0	1	1	1	1	1	1	1	1
2791	0	0	1	1	1	1	1	1	1	1
2792	0	0	1	1	1	1	1	1	1	1
2793	0	0	1	1	1	1	1	1	1	1
2794	0	0	1	1	1	1	1	1	1	1
2795	0	0	1	1	1	1	1	1	1	1
2796	0	0	1	1	1	1	1	1	1	1
2797	0	0	1	1	1	1	1	1	1	1
2798	0	0	1	1	1	1	1	1	1	1
2799	0	0	1	1	1	1	1	1	1	1
2800	0	0	1	1	1	1	1	1	1	1
2801	0	0	1	1	1	1	1	1	1	1
2802	0	0	1	1	1	1	1	1	1	1
2803	0	0	1	1	1	1	1	1	1	1
2804	0	0	1	1	1	1	1	1	1	1
2805	0	0	1	1	1	1	1	1	1	1
2806	0	0	1	1	1	1	1	1	1	1
2807	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2808	SVCEA	Redacted	Redacted	2024	3	0	Redacted		online	
2809	SVCEA	Redacted	Redacted	2024	4	0	Redacted		online	
2810	SVCEA	Redacted	Redacted	2024	5	0	Redacted		online	
2811	SVCEA	Redacted	Redacted	2024	6	0	Redacted		online	
2812	SVCEA	Redacted	Redacted	2024	7	0	Redacted		online	
2813	SVCEA	Redacted	Redacted	2024	8	0	Redacted		online	
2814	SVCEA	Redacted	Redacted	2024	9	0	Redacted		online	
2815	SVCEA	Redacted	Redacted	2024	10	0	Redacted		online	
2816	SVCEA	Redacted	Redacted	2024	11	0	Redacted		online	
2817	SVCEA	Redacted	Redacted	2024	12	0	Redacted		online	
2818	SVCEA	Redacted	Redacted	2025	1	0	Redacted		online	
2819	SVCEA	Redacted	Redacted	2025	2	0	Redacted		online	
2820	SVCEA	Redacted	Redacted	2025	3	0	Redacted		online	
2821	SVCEA	Redacted	Redacted	2025	4	0	Redacted		online	
2822	SVCEA	Redacted	Redacted	2025	5	0	Redacted		online	
2823	SVCEA	Redacted	Redacted	2025	6	0	Redacted		online	
2824	SVCEA	Redacted	Redacted	2025	7	0	Redacted		online	
2825	SVCEA	Redacted	Redacted	2025	8	0	Redacted		online	
2826	SVCEA	Redacted	Redacted	2025	9	0	Redacted		online	
2827	SVCEA	Redacted	Redacted	2025	10	0	Redacted		online	
2828	SVCEA	Redacted	Redacted	2025	11	0	Redacted		online	
2829	SVCEA	Redacted	Redacted	2025	12	0	Redacted		online	
2830	SVCEA	Redacted	Redacted	2026	1	0	Redacted		online	
2831	SVCEA	Redacted	Redacted	2026	2	0	Redacted		online	
2832	SVCEA	Redacted	Redacted	2026	3	0	Redacted		online	
2833	SVCEA	Redacted	Redacted	2026	4	0	Redacted		online	
2834	SVCEA	Redacted	Redacted	2026	5	0	Redacted		online	
2835	SVCEA	Redacted	Redacted	2026	6	0	Redacted		online	
2836	SVCEA	Redacted	Redacted	2026	7	0	Redacted		online	
2837	SVCEA	Redacted	Redacted	2026	8	0	Redacted		online	
2838	SVCEA	Redacted	Redacted	2026	9	0	Redacted		online	
2839	SVCEA	Redacted	Redacted	2026	10	0	Redacted		online	
2840	SVCEA	Redacted	Redacted	2026	11	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2808	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2809	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2810	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2811	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2812	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2813	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2814	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2815	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2816	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2817	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2818	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2819	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2820	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2821	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2822	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2823	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2824	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2825	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2826	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2827	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2828	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2829	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2830	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2831	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2832	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2833	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2834	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2835	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2836	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2837	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2838	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2839	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2840	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2808	Redacted	ok	existing_generic	0	1	Redacted
2809	Redacted	ok	existing_generic	0	1	Redacted
2810	Redacted	ok	existing_generic	0	1	Redacted
2811	Redacted	ok	existing_generic	0	1	Redacted
2812	Redacted	ok	existing_generic	0	1	Redacted
2813	Redacted	ok	existing_generic	0	1	Redacted
2814	Redacted	ok	existing_generic	0	1	Redacted
2815	Redacted	ok	existing_generic	0	1	Redacted
2816	Redacted	ok	existing_generic	0	1	Redacted
2817	Redacted	ok	existing_generic	0	1	Redacted
2818	Redacted	ok	existing_generic	0	1	Redacted
2819	Redacted	ok	existing_generic	0	1	Redacted
2820	Redacted	ok	existing_generic	0	1	Redacted
2821	Redacted	ok	existing_generic	0	1	Redacted
2822	Redacted	ok	existing_generic	0	1	Redacted
2823	Redacted	ok	existing_generic	0	1	Redacted
2824	Redacted	ok	existing_generic	0	1	Redacted
2825	Redacted	ok	existing_generic	0	1	Redacted
2826	Redacted	ok	existing_generic	0	1	Redacted
2827	Redacted	ok	existing_generic	0	1	Redacted
2828	Redacted	ok	existing_generic	0	1	Redacted
2829	Redacted	ok	existing_generic	0	1	Redacted
2830	Redacted	ok	existing_generic	0	1	Redacted
2831	Redacted	ok	existing_generic	0	1	Redacted
2832	Redacted	ok	existing_generic	0	1	Redacted
2833	Redacted	ok	existing_generic	0	1	Redacted
2834	Redacted	ok	existing_generic	0	1	Redacted
2835	Redacted	ok	existing_generic	0	1	Redacted
2836	Redacted	ok	existing_generic	0	1	Redacted
2837	Redacted	ok	existing_generic	0	1	Redacted
2838	Redacted	ok	existing_generic	0	1	Redacted
2839	Redacted	ok	existing_generic	0	1	Redacted
2840	Redacted	ok	existing_generic	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2808	0	0	1	1	1	1	1	1	1	1
2809	0	0	1	1	1	1	1	1	1	1
2810	0	0	1	1	1	1	1	1	1	1
2811	0	0	1	1	1	1	1	1	1	1
2812	0	0	1	1	1	1	1	1	1	1
2813	0	0	1	1	1	1	1	1	1	1
2814	0	0	1	1	1	1	1	1	1	1
2815	0	0	1	1	1	1	1	1	1	1
2816	0	0	1	1	1	1	1	1	1	1
2817	0	0	1	1	1	1	1	1	1	1
2818	0	0	1	1	1	1	1	1	1	1
2819	0	0	1	1	1	1	1	1	1	1
2820	0	0	1	1	1	1	1	1	1	1
2821	0	0	1	1	1	1	1	1	1	1
2822	0	0	1	1	1	1	1	1	1	1
2823	0	0	1	1	1	1	1	1	1	1
2824	0	0	1	1	1	1	1	1	1	1
2825	0	0	1	1	1	1	1	1	1	1
2826	0	0	1	1	1	1	1	1	1	1
2827	0	0	1	1	1	1	1	1	1	1
2828	0	0	1	1	1	1	1	1	1	1
2829	0	0	1	1	1	1	1	1	1	1
2830	0	0	1	1	1	1	1	1	1	1
2831	0	0	1	1	1	1	1	1	1	1
2832	0	0	1	1	1	1	1	1	1	1
2833	0	0	1	1	1	1	1	1	1	1
2834	0	0	1	1	1	1	1	1	1	1
2835	0	0	1	1	1	1	1	1	1	1
2836	0	0	1	1	1	1	1	1	1	1
2837	0	0	1	1	1	1	1	1	1	1
2838	0	0	1	1	1	1	1	1	1	1
2839	0	0	1	1	1	1	1	1	1	1
2840	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2841	SVCEA	Redacted	Redacted	2026	12	0	Redacted		online	
2842	SVCEA	Redacted	Redacted	2027	1	0	Redacted		online	
2843	SVCEA	Redacted	Redacted	2027	2	0	Redacted		online	
2844	SVCEA	Redacted	Redacted	2027	3	0	Redacted		online	
2845	SVCEA	Redacted	Redacted	2027	4	0	Redacted		online	
2846	SVCEA	Redacted	Redacted	2027	5	0	Redacted		online	
2847	SVCEA	Redacted	Redacted	2027	6	0	Redacted		online	
2848	SVCEA	Redacted	Redacted	2027	7	0	Redacted		online	
2849	SVCEA	Redacted	Redacted	2027	8	0	Redacted		online	
2850	SVCEA	Redacted	Redacted	2027	9	0	Redacted		online	
2851	SVCEA	Redacted	Redacted	2027	10	0	Redacted		online	
2852	SVCEA	Redacted	Redacted	2027	11	0	Redacted		online	
2853	SVCEA	Redacted	Redacted	2027	12	0	Redacted		online	
2854	SVCEA	Redacted	Redacted	2028	1	0	Redacted		online	
2855	SVCEA	Redacted	Redacted	2028	2	0	Redacted		online	
2856	SVCEA	Redacted	Redacted	2028	3	0	Redacted		online	
2857	SVCEA	Redacted	Redacted	2028	4	0	Redacted		online	
2858	SVCEA	Redacted	Redacted	2028	5	0	Redacted		online	
2859	SVCEA	Redacted	Redacted	2028	6	0	Redacted		online	
2860	SVCEA	Redacted	Redacted	2028	7	0	Redacted		online	
2861	SVCEA	Redacted	Redacted	2028	8	0	Redacted		online	
2862	SVCEA	Redacted	Redacted	2028	9	0	Redacted		online	
2863	SVCEA	Redacted	Redacted	2028	10	0	Redacted		online	
2864	SVCEA	Redacted	Redacted	2028	11	0	Redacted		online	
2865	SVCEA	Redacted	Redacted	2028	12	0	Redacted		online	
2866	SVCEA	Redacted	Redacted	2029	1	0	Redacted		online	
2867	SVCEA	Redacted	Redacted	2029	2	0	Redacted		online	
2868	SVCEA	Redacted	Redacted	2029	3	0	Redacted		online	
2869	SVCEA	Redacted	Redacted	2029	4	0	Redacted		online	
2870	SVCEA	Redacted	Redacted	2029	5	0	Redacted		online	
2871	SVCEA	Redacted	Redacted	2029	6	0	Redacted		online	
2872	SVCEA	Redacted	Redacted	2029	7	0	Redacted		online	
2873	SVCEA	Redacted	Redacted	2029	8	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2841	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2842	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2843	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2844	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2845	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2846	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2847	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2848	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2849	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2850	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2851	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2852	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2853	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2854	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2855	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2856	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2857	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2858	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2859	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2860	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2861	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2862	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2863	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2864	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2865	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2866	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2867	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2868	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2869	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2870	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2871	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2872	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2873	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2841	Redacted	ok	existing_generic	0	1	Redacted
2842	Redacted	ok	existing_generic	0	1	Redacted
2843	Redacted	ok	existing_generic	0	1	Redacted
2844	Redacted	ok	existing_generic	0	1	Redacted
2845	Redacted	ok	existing_generic	0	1	Redacted
2846	Redacted	ok	existing_generic	0	1	Redacted
2847	Redacted	ok	existing_generic	0	1	Redacted
2848	Redacted	ok	existing_generic	0	1	Redacted
2849	Redacted	ok	existing_generic	0	1	Redacted
2850	Redacted	ok	existing_generic	0	1	Redacted
2851	Redacted	ok	existing_generic	0	1	Redacted
2852	Redacted	ok	existing_generic	0	1	Redacted
2853	Redacted	ok	existing_generic	0	1	Redacted
2854	Redacted	ok	existing_generic	0	1	Redacted
2855	Redacted	ok	existing_generic	0	1	Redacted
2856	Redacted	ok	existing_generic	0	1	Redacted
2857	Redacted	ok	existing_generic	0	1	Redacted
2858	Redacted	ok	existing_generic	0	1	Redacted
2859	Redacted	ok	existing_generic	0	1	Redacted
2860	Redacted	ok	existing_generic	0	1	Redacted
2861	Redacted	ok	existing_generic	0	1	Redacted
2862	Redacted	ok	existing_generic	0	1	Redacted
2863	Redacted	ok	existing_generic	0	1	Redacted
2864	Redacted	ok	existing_generic	0	1	Redacted
2865	Redacted	ok	existing_generic	0	1	Redacted
2866	Redacted	ok	existing_generic	0	1	Redacted
2867	Redacted	ok	existing_generic	0	1	Redacted
2868	Redacted	ok	existing_generic	0	1	Redacted
2869	Redacted	ok	existing_generic	0	1	Redacted
2870	Redacted	ok	existing_generic	0	1	Redacted
2871	Redacted	ok	existing_generic	0	1	Redacted
2872	Redacted	ok	existing_generic	0	1	Redacted
2873	Redacted	ok	existing_generic	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2841	0	0	1	1	1	1	1	1	1	1
2842	0	0	1	1	1	1	1	1	1	1
2843	0	0	1	1	1	1	1	1	1	1
2844	0	0	1	1	1	1	1	1	1	1
2845	0	0	1	1	1	1	1	1	1	1
2846	0	0	1	1	1	1	1	1	1	1
2847	0	0	1	1	1	1	1	1	1	1
2848	0	0	1	1	1	1	1	1	1	1
2849	0	0	1	1	1	1	1	1	1	1
2850	0	0	1	1	1	1	1	1	1	1
2851	0	0	1	1	1	1	1	1	1	1
2852	0	0	1	1	1	1	1	1	1	1
2853	0	0	1	1	1	1	1	1	1	1
2854	0	0	1	1	1	1	1	1	1	1
2855	0	0	1	1	1	1	1	1	1	1
2856	0	0	1	1	1	1	1	1	1	1
2857	0	0	1	1	1	1	1	1	1	1
2858	0	0	1	1	1	1	1	1	1	1
2859	0	0	1	1	1	1	1	1	1	1
2860	0	0	1	1	1	1	1	1	1	1
2861	0	0	1	1	1	1	1	1	1	1
2862	0	0	1	1	1	1	1	1	1	1
2863	0	0	1	1	1	1	1	1	1	1
2864	0	0	1	1	1	1	1	1	1	1
2865	0	0	1	1	1	1	1	1	1	1
2866	0	0	1	1	1	1	1	1	1	1
2867	0	0	1	1	1	1	1	1	1	1
2868	0	0	1	1	1	1	1	1	1	1
2869	0	0	1	1	1	1	1	1	1	1
2870	0	0	1	1	1	1	1	1	1	1
2871	0	0	1	1	1	1	1	1	1	1
2872	0	0	1	1	1	1	1	1	1	1
2873	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2874	SVCEA	Redacted	Redacted	2029	9	0	Redacted		online	
2875	SVCEA	Redacted	Redacted	2029	10	0	Redacted		online	
2876	SVCEA	Redacted	Redacted	2029	11	0	Redacted		online	
2877	SVCEA	Redacted	Redacted	2029	12	0	Redacted		online	
2878	SVCEA	Redacted	Redacted	2030	1	0	Redacted		online	
2879	SVCEA	Redacted	Redacted	2030	2	0	Redacted		online	
2880	SVCEA	Redacted	Redacted	2030	3	0	Redacted		online	
2881	SVCEA	Redacted	Redacted	2030	4	0	Redacted		online	
2882	SVCEA	Redacted	Redacted	2030	5	0	Redacted		online	
2883	SVCEA	Redacted	Redacted	2030	6	0	Redacted		online	
2884	SVCEA	Redacted	Redacted	2030	7	0	Redacted		online	
2885	SVCEA	Redacted	Redacted	2030	8	0	Redacted		online	
2886	SVCEA	Redacted	Redacted	2030	9	0	Redacted		online	
2887	SVCEA	Redacted	Redacted	2030	10	0	Redacted		online	
2888	SVCEA	Redacted	Redacted	2030	11	0	Redacted		online	
2889	SVCEA	Redacted	Redacted	2030	12	0	Redacted		online	
2890	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_new	4
2891	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new	4
2892	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new	4
2893	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new	4
2894	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new	4
2895	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new	4
2896	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new	4
2897	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new	4
2898	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new	4
2899	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new	4
2900	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new	4
2901	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new	4
2902	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new	4
2903	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new	4
2904	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new	4
2905	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new	4
2906	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2874	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2875	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2876	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2877	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2878	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2879	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2880	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2881	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2882	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2883	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2884	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2885	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2886	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2887	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2888	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2889	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
2890	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2891	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2892	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2893	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2894	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2895	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2896	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2897	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2898	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2899	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2900	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2901	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2902	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2903	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2904	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2905	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2906	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2874	Redacted	ok	existing_generic	0	1	Redacted
2875	Redacted	ok	existing_generic	0	1	Redacted
2876	Redacted	ok	existing_generic	0	1	Redacted
2877	Redacted	ok	existing_generic	0	1	Redacted
2878	Redacted	ok	existing_generic	0	1	Redacted
2879	Redacted	ok	existing_generic	0	1	Redacted
2880	Redacted	ok	existing_generic	0	1	Redacted
2881	Redacted	ok	existing_generic	0	1	Redacted
2882	Redacted	ok	existing_generic	0	1	Redacted
2883	Redacted	ok	existing_generic	0	1	Redacted
2884	Redacted	ok	existing_generic	0	1	Redacted
2885	Redacted	ok	existing_generic	0	1	Redacted
2886	Redacted	ok	existing_generic	0	1	Redacted
2887	Redacted	ok	existing_generic	0	1	Redacted
2888	Redacted	ok	existing_generic	0	1	Redacted
2889	Redacted	ok	existing_generic	0	1	Redacted
2890	Redacted	ok	new_resolve	1	1	Redacted
2891	Redacted	ok	new_resolve	1	1	Redacted
2892	Redacted	ok	new_resolve	1	1	Redacted
2893	Redacted	ok	new_resolve	1	1	Redacted
2894	Redacted	ok	new_resolve	1	1	Redacted
2895	Redacted	ok	new_resolve	1	1	Redacted
2896	Redacted	ok	new_resolve	1	1	Redacted
2897	Redacted	ok	new_resolve	1	1	Redacted
2898	Redacted	ok	new_resolve	1	1	Redacted
2899	Redacted	ok	new_resolve	1	1	Redacted
2900	Redacted	ok	new_resolve	1	1	Redacted
2901	Redacted	ok	new_resolve	1	1	Redacted
2902	Redacted	ok	new_resolve	1	1	Redacted
2903	Redacted	ok	new_resolve	1	1	Redacted
2904	Redacted	ok	new_resolve	1	1	Redacted
2905	Redacted	ok	new_resolve	1	1	Redacted
2906	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2874	0	0	1	1	1	1	1	1	1	1
2875	0	0	1	1	1	1	1	1	1	1
2876	0	0	1	1	1	1	1	1	1	1
2877	0	0	1	1	1	1	1	1	1	1
2878	0	0	1	1	1	1	1	1	1	1
2879	0	0	1	1	1	1	1	1	1	1
2880	0	0	1	1	1	1	1	1	1	1
2881	0	0	1	1	1	1	1	1	1	1
2882	0	0	1	1	1	1	1	1	1	1
2883	0	0	1	1	1	1	1	1	1	1
2884	0	0	1	1	1	1	1	1	1	1
2885	0	0	1	1	1	1	1	1	1	1
2886	0	0	1	1	1	1	1	1	1	1
2887	0	0	1	1	1	1	1	1	1	1
2888	0	0	1	1	1	1	1	1	1	1
2889	0	0	1	1	1	1	1	1	1	1
2890	1	133	1	1	1	1	1	1	1	1
2891	0	0	1	1	1	1	1	1	1	1
2892	0	0	1	1	1	1	1	1	1	1
2893	0	0	1	1	1	1	1	1	1	1
2894	0	0	1	1	1	1	1	1	1	1
2895	0	0	1	1	1	1	1	1	1	1
2896	0	0	1	1	1	1	1	1	1	1
2897	0	0	1	1	1	1	1	1	1	1
2898	0	0	1	1	1	1	1	1	1	1
2899	0	0	1	1	1	1	1	1	1	1
2900	0	0	1	1	1	1	1	1	1	1
2901	0	0	1	1	1	1	1	1	1	1
2902	0	0	1	1	1	1	1	1	1	1
2903	0	0	1	1	1	1	1	1	1	1
2904	0	0	1	1	1	1	1	1	1	1
2905	0	0	1	1	1	1	1	1	1	1
2906	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2907	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new	4
2908	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new	4
2909	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new	4
2910	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new	4
2911	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new	4
2912	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new	4
2913	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new	4
2914	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new	4
2915	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new	4
2916	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new	4
2917	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new	4
2918	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new	4
2919	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new	4
2920	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new	4
2921	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new	4
2922	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new	4
2923	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new	4
2924	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new	4
2925	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new	4
2926	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new	4
2927	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new	4
2928	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new	4
2929	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new	4
2930	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new	4
2931	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new	4
2932	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new	4
2933	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new	4
2934	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new	4
2935	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new	4
2936	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new	4
2937	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new	4
2938	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new	4
2939	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2907	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2908	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2909	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2910	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2911	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2912	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2913	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2914	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2915	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2916	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2917	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2918	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2919	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2920	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2921	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2922	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2923	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2924	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2925	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2926	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2927	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2928	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2929	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2930	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2931	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2932	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2933	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2934	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2935	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2936	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2937	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2938	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2939	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2907	Redacted	ok	new_resolve	1	1	Redacted
2908	Redacted	ok	new_resolve	1	1	Redacted
2909	Redacted	ok	new_resolve	1	1	Redacted
2910	Redacted	ok	new_resolve	1	1	Redacted
2911	Redacted	ok	new_resolve	1	1	Redacted
2912	Redacted	ok	new_resolve	1	1	Redacted
2913	Redacted	ok	new_resolve	1	1	Redacted
2914	Redacted	ok	new_resolve	1	1	Redacted
2915	Redacted	ok	new_resolve	1	1	Redacted
2916	Redacted	ok	new_resolve	1	1	Redacted
2917	Redacted	ok	new_resolve	1	1	Redacted
2918	Redacted	ok	new_resolve	1	1	Redacted
2919	Redacted	ok	new_resolve	1	1	Redacted
2920	Redacted	ok	new_resolve	1	1	Redacted
2921	Redacted	ok	new_resolve	1	1	Redacted
2922	Redacted	ok	new_resolve	1	1	Redacted
2923	Redacted	ok	new_resolve	1	1	Redacted
2924	Redacted	ok	new_resolve	1	1	Redacted
2925	Redacted	ok	new_resolve	1	1	Redacted
2926	Redacted	ok	new_resolve	1	1	Redacted
2927	Redacted	ok	new_resolve	1	1	Redacted
2928	Redacted	ok	new_resolve	1	1	Redacted
2929	Redacted	ok	new_resolve	1	1	Redacted
2930	Redacted	ok	new_resolve	1	1	Redacted
2931	Redacted	ok	new_resolve	1	1	Redacted
2932	Redacted	ok	new_resolve	1	1	Redacted
2933	Redacted	ok	new_resolve	1	1	Redacted
2934	Redacted	ok	new_resolve	1	1	Redacted
2935	Redacted	ok	new_resolve	1	1	Redacted
2936	Redacted	ok	new_resolve	1	1	Redacted
2937	Redacted	ok	new_resolve	1	1	Redacted
2938	Redacted	ok	new_resolve	1	1	Redacted
2939	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2907	0	0	1	1	1	1	1	1	1	1
2908	0	0	1	1	1	1	1	1	1	1
2909	0	0	1	1	1	1	1	1	1	1
2910	0	0	1	1	1	1	1	1	1	1
2911	0	0	1	1	1	1	1	1	1	1
2912	0	0	1	1	1	1	1	1	1	1
2913	0	0	1	1	1	1	1	1	1	1
2914	0	0	1	1	1	1	1	1	1	1
2915	0	0	1	1	1	1	1	1	1	1
2916	0	0	1	1	1	1	1	1	1	1
2917	0	0	1	1	1	1	1	1	1	1
2918	0	0	1	1	1	1	1	1	1	1
2919	0	0	1	1	1	1	1	1	1	1
2920	0	0	1	1	1	1	1	1	1	1
2921	0	0	1	1	1	1	1	1	1	1
2922	0	0	1	1	1	1	1	1	1	1
2923	0	0	1	1	1	1	1	1	1	1
2924	0	0	1	1	1	1	1	1	1	1
2925	0	0	1	1	1	1	1	1	1	1
2926	0	0	1	1	1	1	1	1	1	1
2927	0	0	1	1	1	1	1	1	1	1
2928	0	0	1	1	1	1	1	1	1	1
2929	0	0	1	1	1	1	1	1	1	1
2930	0	0	1	1	1	1	1	1	1	1
2931	0	0	1	1	1	1	1	1	1	1
2932	0	0	1	1	1	1	1	1	1	1
2933	0	0	1	1	1	1	1	1	1	1
2934	0	0	1	1	1	1	1	1	1	1
2935	0	0	1	1	1	1	1	1	1	1
2936	0	0	1	1	1	1	1	1	1	1
2937	0	0	1	1	1	1	1	1	1	1
2938	0	0	1	1	1	1	1	1	1	1
2939	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2940	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new	4
2941	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new	4
2942	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new	4
2943	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new	4
2944	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new	4
2945	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new	4
2946	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new	4
2947	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new	4
2948	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new	4
2949	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new	4
2950	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new	4
2951	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new	4
2952	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new	4
2953	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new	4
2954	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new	4
2955	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new	4
2956	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new	4
2957	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new	4
2958	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new	4
2959	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new	4
2960	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new	4
2961	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new	4
2962	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new	4
2963	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new	4
2964	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new	4
2965	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new	4
2966	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new	4
2967	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new	4
2968	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new	4
2969	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new	4
2970	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new	4
2971	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new	4
2972	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2940	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2941	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2942	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2943	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2944	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2945	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2946	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2947	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2948	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2949	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2950	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2951	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2952	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2953	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2954	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2955	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2956	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2957	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2958	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2959	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2960	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2961	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2962	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2963	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2964	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2965	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2966	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2967	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2968	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2969	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2970	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2971	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2972	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2940	Redacted	ok	new_resolve	1	1	Redacted
2941	Redacted	ok	new_resolve	1	1	Redacted
2942	Redacted	ok	new_resolve	1	1	Redacted
2943	Redacted	ok	new_resolve	1	1	Redacted
2944	Redacted	ok	new_resolve	1	1	Redacted
2945	Redacted	ok	new_resolve	1	1	Redacted
2946	Redacted	ok	new_resolve	1	1	Redacted
2947	Redacted	ok	new_resolve	1	1	Redacted
2948	Redacted	ok	new_resolve	1	1	Redacted
2949	Redacted	ok	new_resolve	1	1	Redacted
2950	Redacted	ok	new_resolve	1	1	Redacted
2951	Redacted	ok	new_resolve	1	1	Redacted
2952	Redacted	ok	new_resolve	1	1	Redacted
2953	Redacted	ok	new_resolve	1	1	Redacted
2954	Redacted	ok	new_resolve	1	1	Redacted
2955	Redacted	ok	new_resolve	1	1	Redacted
2956	Redacted	ok	new_resolve	1	1	Redacted
2957	Redacted	ok	new_resolve	1	1	Redacted
2958	Redacted	ok	new_resolve	1	1	Redacted
2959	Redacted	ok	new_resolve	1	1	Redacted
2960	Redacted	ok	new_resolve	1	1	Redacted
2961	Redacted	ok	new_resolve	1	1	Redacted
2962	Redacted	ok	new_resolve	1	1	Redacted
2963	Redacted	ok	new_resolve	1	1	Redacted
2964	Redacted	ok	new_resolve	1	1	Redacted
2965	Redacted	ok	new_resolve	1	1	Redacted
2966	Redacted	ok	new_resolve	1	1	Redacted
2967	Redacted	ok	new_resolve	1	1	Redacted
2968	Redacted	ok	new_resolve	1	1	Redacted
2969	Redacted	ok	new_resolve	1	1	Redacted
2970	Redacted	ok	new_resolve	1	1	Redacted
2971	Redacted	ok	new_resolve	1	1	Redacted
2972	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2940	0	0	1	1	1	1	1	1	1	1
2941	0	0	1	1	1	1	1	1	1	1
2942	0	0	1	1	1	1	1	1	1	1
2943	0	0	1	1	1	1	1	1	1	1
2944	0	0	1	1	1	1	1	1	1	1
2945	0	0	1	1	1	1	1	1	1	1
2946	0	0	1	1	1	1	1	1	1	1
2947	0	0	1	1	1	1	1	1	1	1
2948	0	0	1	1	1	1	1	1	1	1
2949	0	0	1	1	1	1	1	1	1	1
2950	0	0	1	1	1	1	1	1	1	1
2951	0	0	1	1	1	1	1	1	1	1
2952	0	0	1	1	1	1	1	1	1	1
2953	0	0	1	1	1	1	1	1	1	1
2954	0	0	1	1	1	1	1	1	1	1
2955	0	0	1	1	1	1	1	1	1	1
2956	0	0	1	1	1	1	1	1	1	1
2957	0	0	1	1	1	1	1	1	1	1
2958	0	0	1	1	1	1	1	1	1	1
2959	0	0	1	1	1	1	1	1	1	1
2960	0	0	1	1	1	1	1	1	1	1
2961	0	0	1	1	1	1	1	1	1	1
2962	0	0	1	1	1	1	1	1	1	1
2963	0	0	1	1	1	1	1	1	1	1
2964	0	0	1	1	1	1	1	1	1	1
2965	0	0	1	1	1	1	1	1	1	1
2966	0	0	1	1	1	1	1	1	1	1
2967	0	0	1	1	1	1	1	1	1	1
2968	0	0	1	1	1	1	1	1	1	1
2969	0	0	1	1	1	1	1	1	1	1
2970	0	0	1	1	1	1	1	1	1	1
2971	0	0	1	1	1	1	1	1	1	1
2972	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
2973	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new	4
2974	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new	4
2975	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new	4
2976	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new	4
2977	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new	4
2978	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new	4
2979	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new	4
2980	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new	4
2981	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new	4
2982	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new	4
2983	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new	4
2984	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new	4
2985	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new	4
2986	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_new	4
2987	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new	4
2988	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new	4
2989	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new	4
2990	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new	4
2991	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new	4
2992	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new	4
2993	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new	4
2994	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new	4
2995	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new	4
2996	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new	4
2997	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new	4
2998	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new	4
2999	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new	4
3000	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new	4
3001	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new	4
3002	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new	4
3003	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new	4
3004	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new	4
3005	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2973	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2974	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2975	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2976	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2977	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2978	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2979	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2980	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2981	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2982	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2983	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2984	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2985	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2986	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2987	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2988	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2989	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2990	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2991	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2992	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2993	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2994	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2995	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2996	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2997	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2998	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
2999	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3000	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3001	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3002	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3003	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3004	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3005	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2973	Redacted	ok	new_resolve	1	1	Redacted
2974	Redacted	ok	new_resolve	1	1	Redacted
2975	Redacted	ok	new_resolve	1	1	Redacted
2976	Redacted	ok	new_resolve	1	1	Redacted
2977	Redacted	ok	new_resolve	1	1	Redacted
2978	Redacted	ok	new_resolve	1	1	Redacted
2979	Redacted	ok	new_resolve	1	1	Redacted
2980	Redacted	ok	new_resolve	1	1	Redacted
2981	Redacted	ok	new_resolve	1	1	Redacted
2982	Redacted	ok	new_resolve	1	1	Redacted
2983	Redacted	ok	new_resolve	1	1	Redacted
2984	Redacted	ok	new_resolve	1	1	Redacted
2985	Redacted	ok	new_resolve	1	1	Redacted
2986	Redacted	ok	new_resolve	1	1	Redacted
2987	Redacted	ok	new_resolve	1	1	Redacted
2988	Redacted	ok	new_resolve	1	1	Redacted
2989	Redacted	ok	new_resolve	1	1	Redacted
2990	Redacted	ok	new_resolve	1	1	Redacted
2991	Redacted	ok	new_resolve	1	1	Redacted
2992	Redacted	ok	new_resolve	1	1	Redacted
2993	Redacted	ok	new_resolve	1	1	Redacted
2994	Redacted	ok	new_resolve	1	1	Redacted
2995	Redacted	ok	new_resolve	1	1	Redacted
2996	Redacted	ok	new_resolve	1	1	Redacted
2997	Redacted	ok	new_resolve	1	1	Redacted
2998	Redacted	ok	new_resolve	1	1	Redacted
2999	Redacted	ok	new_resolve	1	1	Redacted
3000	Redacted	ok	new_resolve	1	1	Redacted
3001	Redacted	ok	new_resolve	1	1	Redacted
3002	Redacted	ok	new_resolve	1	1	Redacted
3003	Redacted	ok	new_resolve	1	1	Redacted
3004	Redacted	ok	new_resolve	1	1	Redacted
3005	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2973	0	0	1	1	1	1	1	1	1	1
2974	0	0	1	1	1	1	1	1	1	1
2975	0	0	1	1	1	1	1	1	1	1
2976	0	0	1	1	1	1	1	1	1	1
2977	0	0	1	1	1	1	1	1	1	1
2978	0	0	1	1	1	1	1	1	1	1
2979	0	0	1	1	1	1	1	1	1	1
2980	0	0	1	1	1	1	1	1	1	1
2981	0	0	1	1	1	1	1	1	1	1
2982	0	0	1	1	1	1	1	1	1	1
2983	0	0	1	1	1	1	1	1	1	1
2984	0	0	1	1	1	1	1	1	1	1
2985	0	0	1	1	1	1	1	1	1	1
2986	1	134	1	1	1	1	1	1	1	1
2987	0	0	1	1	1	1	1	1	1	1
2988	0	0	1	1	1	1	1	1	1	1
2989	0	0	1	1	1	1	1	1	1	1
2990	0	0	1	1	1	1	1	1	1	1
2991	0	0	1	1	1	1	1	1	1	1
2992	0	0	1	1	1	1	1	1	1	1
2993	0	0	1	1	1	1	1	1	1	1
2994	0	0	1	1	1	1	1	1	1	1
2995	0	0	1	1	1	1	1	1	1	1
2996	0	0	1	1	1	1	1	1	1	1
2997	0	0	1	1	1	1	1	1	1	1
2998	0	0	1	1	1	1	1	1	1	1
2999	0	0	1	1	1	1	1	1	1	1
3000	0	0	1	1	1	1	1	1	1	1
3001	0	0	1	1	1	1	1	1	1	1
3002	0	0	1	1	1	1	1	1	1	1
3003	0	0	1	1	1	1	1	1	1	1
3004	0	0	1	1	1	1	1	1	1	1
3005	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3006	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new	4
3007	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new	4
3008	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new	4
3009	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new	4
3010	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new	4
3011	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new	4
3012	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new	4
3013	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new	4
3014	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new	4
3015	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new	4
3016	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new	4
3017	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new	4
3018	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new	4
3019	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new	4
3020	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new	4
3021	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new	4
3022	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new	4
3023	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new	4
3024	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new	4
3025	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new	4
3026	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new	4
3027	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new	4
3028	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new	4
3029	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new	4
3030	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new	4
3031	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new	4
3032	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new	4
3033	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new	4
3034	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new	4
3035	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new	4
3036	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new	4
3037	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new	4
3038	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3006	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3007	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3008	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3009	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3010	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3011	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3012	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3013	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3014	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3015	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3016	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3017	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3018	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3019	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3020	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3021	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3022	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3023	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3024	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3025	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3026	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3027	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3028	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3029	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3030	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3031	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3032	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3033	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3034	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3035	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3036	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3037	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3038	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3006	Redacted	ok	new_resolve	1	1	Redacted
3007	Redacted	ok	new_resolve	1	1	Redacted
3008	Redacted	ok	new_resolve	1	1	Redacted
3009	Redacted	ok	new_resolve	1	1	Redacted
3010	Redacted	ok	new_resolve	1	1	Redacted
3011	Redacted	ok	new_resolve	1	1	Redacted
3012	Redacted	ok	new_resolve	1	1	Redacted
3013	Redacted	ok	new_resolve	1	1	Redacted
3014	Redacted	ok	new_resolve	1	1	Redacted
3015	Redacted	ok	new_resolve	1	1	Redacted
3016	Redacted	ok	new_resolve	1	1	Redacted
3017	Redacted	ok	new_resolve	1	1	Redacted
3018	Redacted	ok	new_resolve	1	1	Redacted
3019	Redacted	ok	new_resolve	1	1	Redacted
3020	Redacted	ok	new_resolve	1	1	Redacted
3021	Redacted	ok	new_resolve	1	1	Redacted
3022	Redacted	ok	new_resolve	1	1	Redacted
3023	Redacted	ok	new_resolve	1	1	Redacted
3024	Redacted	ok	new_resolve	1	1	Redacted
3025	Redacted	ok	new_resolve	1	1	Redacted
3026	Redacted	ok	new_resolve	1	1	Redacted
3027	Redacted	ok	new_resolve	1	1	Redacted
3028	Redacted	ok	new_resolve	1	1	Redacted
3029	Redacted	ok	new_resolve	1	1	Redacted
3030	Redacted	ok	new_resolve	1	1	Redacted
3031	Redacted	ok	new_resolve	1	1	Redacted
3032	Redacted	ok	new_resolve	1	1	Redacted
3033	Redacted	ok	new_resolve	1	1	Redacted
3034	Redacted	ok	new_resolve	1	1	Redacted
3035	Redacted	ok	new_resolve	1	1	Redacted
3036	Redacted	ok	new_resolve	1	1	Redacted
3037	Redacted	ok	new_resolve	1	1	Redacted
3038	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3006	0	0	1	1	1	1	1	1	1	1
3007	0	0	1	1	1	1	1	1	1	1
3008	0	0	1	1	1	1	1	1	1	1
3009	0	0	1	1	1	1	1	1	1	1
3010	0	0	1	1	1	1	1	1	1	1
3011	0	0	1	1	1	1	1	1	1	1
3012	0	0	1	1	1	1	1	1	1	1
3013	0	0	1	1	1	1	1	1	1	1
3014	0	0	1	1	1	1	1	1	1	1
3015	0	0	1	1	1	1	1	1	1	1
3016	0	0	1	1	1	1	1	1	1	1
3017	0	0	1	1	1	1	1	1	1	1
3018	0	0	1	1	1	1	1	1	1	1
3019	0	0	1	1	1	1	1	1	1	1
3020	0	0	1	1	1	1	1	1	1	1
3021	0	0	1	1	1	1	1	1	1	1
3022	0	0	1	1	1	1	1	1	1	1
3023	0	0	1	1	1	1	1	1	1	1
3024	0	0	1	1	1	1	1	1	1	1
3025	0	0	1	1	1	1	1	1	1	1
3026	0	0	1	1	1	1	1	1	1	1
3027	0	0	1	1	1	1	1	1	1	1
3028	0	0	1	1	1	1	1	1	1	1
3029	0	0	1	1	1	1	1	1	1	1
3030	0	0	1	1	1	1	1	1	1	1
3031	0	0	1	1	1	1	1	1	1	1
3032	0	0	1	1	1	1	1	1	1	1
3033	0	0	1	1	1	1	1	1	1	1
3034	0	0	1	1	1	1	1	1	1	1
3035	0	0	1	1	1	1	1	1	1	1
3036	0	0	1	1	1	1	1	1	1	1
3037	0	0	1	1	1	1	1	1	1	1
3038	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3039	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new	4
3040	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new	4
3041	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new	4
3042	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new	4
3043	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new	4
3044	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new	4
3045	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new	4
3046	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new	4
3047	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new	4
3048	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new	4
3049	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new	4
3050	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new	4
3051	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new	4
3052	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new	4
3053	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new	4
3054	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new	4
3055	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new	4
3056	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new	4
3057	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new	4
3058	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new	4
3059	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new	4
3060	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new	4
3061	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new	4
3062	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new	4
3063	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new	4
3064	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new	4
3065	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new	4
3066	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new	4
3067	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new	4
3068	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new	4
3069	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new	4
3070	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new	4
3071	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3039	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3040	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3041	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3042	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3043	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3044	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3045	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3046	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3047	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3048	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3049	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3050	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3051	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3052	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3053	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3054	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3055	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3056	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3057	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3058	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3059	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3060	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3061	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3062	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3063	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3064	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3065	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3066	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3067	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3068	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3069	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3070	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3071	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3039	Redacted	ok	new_resolve	1	1	Redacted
3040	Redacted	ok	new_resolve	1	1	Redacted
3041	Redacted	ok	new_resolve	1	1	Redacted
3042	Redacted	ok	new_resolve	1	1	Redacted
3043	Redacted	ok	new_resolve	1	1	Redacted
3044	Redacted	ok	new_resolve	1	1	Redacted
3045	Redacted	ok	new_resolve	1	1	Redacted
3046	Redacted	ok	new_resolve	1	1	Redacted
3047	Redacted	ok	new_resolve	1	1	Redacted
3048	Redacted	ok	new_resolve	1	1	Redacted
3049	Redacted	ok	new_resolve	1	1	Redacted
3050	Redacted	ok	new_resolve	1	1	Redacted
3051	Redacted	ok	new_resolve	1	1	Redacted
3052	Redacted	ok	new_resolve	1	1	Redacted
3053	Redacted	ok	new_resolve	1	1	Redacted
3054	Redacted	ok	new_resolve	1	1	Redacted
3055	Redacted	ok	new_resolve	1	1	Redacted
3056	Redacted	ok	new_resolve	1	1	Redacted
3057	Redacted	ok	new_resolve	1	1	Redacted
3058	Redacted	ok	new_resolve	1	1	Redacted
3059	Redacted	ok	new_resolve	1	1	Redacted
3060	Redacted	ok	new_resolve	1	1	Redacted
3061	Redacted	ok	new_resolve	1	1	Redacted
3062	Redacted	ok	new_resolve	1	1	Redacted
3063	Redacted	ok	new_resolve	1	1	Redacted
3064	Redacted	ok	new_resolve	1	1	Redacted
3065	Redacted	ok	new_resolve	1	1	Redacted
3066	Redacted	ok	new_resolve	1	1	Redacted
3067	Redacted	ok	new_resolve	1	1	Redacted
3068	Redacted	ok	new_resolve	1	1	Redacted
3069	Redacted	ok	new_resolve	1	1	Redacted
3070	Redacted	ok	new_resolve	1	1	Redacted
3071	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3039	0	0	1	1	1	1	1	1	1	1
3040	0	0	1	1	1	1	1	1	1	1
3041	0	0	1	1	1	1	1	1	1	1
3042	0	0	1	1	1	1	1	1	1	1
3043	0	0	1	1	1	1	1	1	1	1
3044	0	0	1	1	1	1	1	1	1	1
3045	0	0	1	1	1	1	1	1	1	1
3046	0	0	1	1	1	1	1	1	1	1
3047	0	0	1	1	1	1	1	1	1	1
3048	0	0	1	1	1	1	1	1	1	1
3049	0	0	1	1	1	1	1	1	1	1
3050	0	0	1	1	1	1	1	1	1	1
3051	0	0	1	1	1	1	1	1	1	1
3052	0	0	1	1	1	1	1	1	1	1
3053	0	0	1	1	1	1	1	1	1	1
3054	0	0	1	1	1	1	1	1	1	1
3055	0	0	1	1	1	1	1	1	1	1
3056	0	0	1	1	1	1	1	1	1	1
3057	0	0	1	1	1	1	1	1	1	1
3058	0	0	1	1	1	1	1	1	1	1
3059	0	0	1	1	1	1	1	1	1	1
3060	0	0	1	1	1	1	1	1	1	1
3061	0	0	1	1	1	1	1	1	1	1
3062	0	0	1	1	1	1	1	1	1	1
3063	0	0	1	1	1	1	1	1	1	1
3064	0	0	1	1	1	1	1	1	1	1
3065	0	0	1	1	1	1	1	1	1	1
3066	0	0	1	1	1	1	1	1	1	1
3067	0	0	1	1	1	1	1	1	1	1
3068	0	0	1	1	1	1	1	1	1	1
3069	0	0	1	1	1	1	1	1	1	1
3070	0	0	1	1	1	1	1	1	1	1
3071	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3072	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new	4
3073	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new	4
3074	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new	4
3075	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new	4
3076	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new	4
3077	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new	4
3078	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new	4
3079	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new	4
3080	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new	4
3081	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new	4
3082	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_new	4
3083	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new	4
3084	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new	4
3085	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new	4
3086	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new	4
3087	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new	4
3088	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new	4
3089	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new	4
3090	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new	4
3091	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new	4
3092	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new	4
3093	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new	4
3094	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new	4
3095	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new	4
3096	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new	4
3097	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new	4
3098	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new	4
3099	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new	4
3100	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new	4
3101	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new	4
3102	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new	4
3103	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new	4
3104	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3072	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3073	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3074	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3075	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3076	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3077	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3078	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3079	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3080	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3081	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3082	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3083	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3084	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3085	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3086	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3087	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3088	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3089	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3090	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3091	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3092	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3093	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3094	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3095	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3096	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3097	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3098	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3099	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3100	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3101	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3102	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3103	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3104	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3072	Redacted	ok	new_resolve	1	1	Redacted
3073	Redacted	ok	new_resolve	1	1	Redacted
3074	Redacted	ok	new_resolve	1	1	Redacted
3075	Redacted	ok	new_resolve	1	1	Redacted
3076	Redacted	ok	new_resolve	1	1	Redacted
3077	Redacted	ok	new_resolve	1	1	Redacted
3078	Redacted	ok	new_resolve	1	1	Redacted
3079	Redacted	ok	new_resolve	1	1	Redacted
3080	Redacted	ok	new_resolve	1	1	Redacted
3081	Redacted	ok	new_resolve	1	1	Redacted
3082	Redacted	ok	new_resolve	1	1	Redacted
3083	Redacted	ok	new_resolve	1	1	Redacted
3084	Redacted	ok	new_resolve	1	1	Redacted
3085	Redacted	ok	new_resolve	1	1	Redacted
3086	Redacted	ok	new_resolve	1	1	Redacted
3087	Redacted	ok	new_resolve	1	1	Redacted
3088	Redacted	ok	new_resolve	1	1	Redacted
3089	Redacted	ok	new_resolve	1	1	Redacted
3090	Redacted	ok	new_resolve	1	1	Redacted
3091	Redacted	ok	new_resolve	1	1	Redacted
3092	Redacted	ok	new_resolve	1	1	Redacted
3093	Redacted	ok	new_resolve	1	1	Redacted
3094	Redacted	ok	new_resolve	1	1	Redacted
3095	Redacted	ok	new_resolve	1	1	Redacted
3096	Redacted	ok	new_resolve	1	1	Redacted
3097	Redacted	ok	new_resolve	1	1	Redacted
3098	Redacted	ok	new_resolve	1	1	Redacted
3099	Redacted	ok	new_resolve	1	1	Redacted
3100	Redacted	ok	new_resolve	1	1	Redacted
3101	Redacted	ok	new_resolve	1	1	Redacted
3102	Redacted	ok	new_resolve	1	1	Redacted
3103	Redacted	ok	new_resolve	1	1	Redacted
3104	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3072	0	0	1	1	1	1	1	1	1	1
3073	0	0	1	1	1	1	1	1	1	1
3074	0	0	1	1	1	1	1	1	1	1
3075	0	0	1	1	1	1	1	1	1	1
3076	0	0	1	1	1	1	1	1	1	1
3077	0	0	1	1	1	1	1	1	1	1
3078	0	0	1	1	1	1	1	1	1	1
3079	0	0	1	1	1	1	1	1	1	1
3080	0	0	1	1	1	1	1	1	1	1
3081	0	0	1	1	1	1	1	1	1	1
3082	1	135	1	1	1	1	1	1	1	1
3083	0	0	1	1	1	1	1	1	1	1
3084	0	0	1	1	1	1	1	1	1	1
3085	0	0	1	1	1	1	1	1	1	1
3086	0	0	1	1	1	1	1	1	1	1
3087	0	0	1	1	1	1	1	1	1	1
3088	0	0	1	1	1	1	1	1	1	1
3089	0	0	1	1	1	1	1	1	1	1
3090	0	0	1	1	1	1	1	1	1	1
3091	0	0	1	1	1	1	1	1	1	1
3092	0	0	1	1	1	1	1	1	1	1
3093	0	0	1	1	1	1	1	1	1	1
3094	0	0	1	1	1	1	1	1	1	1
3095	0	0	1	1	1	1	1	1	1	1
3096	0	0	1	1	1	1	1	1	1	1
3097	0	0	1	1	1	1	1	1	1	1
3098	0	0	1	1	1	1	1	1	1	1
3099	0	0	1	1	1	1	1	1	1	1
3100	0	0	1	1	1	1	1	1	1	1
3101	0	0	1	1	1	1	1	1	1	1
3102	0	0	1	1	1	1	1	1	1	1
3103	0	0	1	1	1	1	1	1	1	1
3104	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3105	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new	4
3106	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new	4
3107	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new	4
3108	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new	4
3109	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new	4
3110	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new	4
3111	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new	4
3112	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new	4
3113	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new	4
3114	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new	4
3115	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new	4
3116	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new	4
3117	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new	4
3118	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new	4
3119	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new	4
3120	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new	4
3121	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new	4
3122	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new	4
3123	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new	4
3124	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new	4
3125	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new	4
3126	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new	4
3127	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new	4
3128	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new	4
3129	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new	4
3130	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new	4
3131	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new	4
3132	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new	4
3133	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new	4
3134	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new	4
3135	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new	4
3136	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new	4
3137	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3105	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3106	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3107	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3108	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3109	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3110	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3111	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3112	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3113	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3114	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3115	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3116	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3117	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3118	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3119	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3120	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3121	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3122	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3123	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3124	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3125	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3126	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3127	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3128	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3129	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3130	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3131	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3132	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3133	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3134	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3135	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3136	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3137	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3105	Redacted	ok	new_resolve	1	1	Redacted
3106	Redacted	ok	new_resolve	1	1	Redacted
3107	Redacted	ok	new_resolve	1	1	Redacted
3108	Redacted	ok	new_resolve	1	1	Redacted
3109	Redacted	ok	new_resolve	1	1	Redacted
3110	Redacted	ok	new_resolve	1	1	Redacted
3111	Redacted	ok	new_resolve	1	1	Redacted
3112	Redacted	ok	new_resolve	1	1	Redacted
3113	Redacted	ok	new_resolve	1	1	Redacted
3114	Redacted	ok	new_resolve	1	1	Redacted
3115	Redacted	ok	new_resolve	1	1	Redacted
3116	Redacted	ok	new_resolve	1	1	Redacted
3117	Redacted	ok	new_resolve	1	1	Redacted
3118	Redacted	ok	new_resolve	1	1	Redacted
3119	Redacted	ok	new_resolve	1	1	Redacted
3120	Redacted	ok	new_resolve	1	1	Redacted
3121	Redacted	ok	new_resolve	1	1	Redacted
3122	Redacted	ok	new_resolve	1	1	Redacted
3123	Redacted	ok	new_resolve	1	1	Redacted
3124	Redacted	ok	new_resolve	1	1	Redacted
3125	Redacted	ok	new_resolve	1	1	Redacted
3126	Redacted	ok	new_resolve	1	1	Redacted
3127	Redacted	ok	new_resolve	1	1	Redacted
3128	Redacted	ok	new_resolve	1	1	Redacted
3129	Redacted	ok	new_resolve	1	1	Redacted
3130	Redacted	ok	new_resolve	1	1	Redacted
3131	Redacted	ok	new_resolve	1	1	Redacted
3132	Redacted	ok	new_resolve	1	1	Redacted
3133	Redacted	ok	new_resolve	1	1	Redacted
3134	Redacted	ok	new_resolve	1	1	Redacted
3135	Redacted	ok	new_resolve	1	1	Redacted
3136	Redacted	ok	new_resolve	1	1	Redacted
3137	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3105	0	0	1	1	1	1	1	1	1	1
3106	0	0	1	1	1	1	1	1	1	1
3107	0	0	1	1	1	1	1	1	1	1
3108	0	0	1	1	1	1	1	1	1	1
3109	0	0	1	1	1	1	1	1	1	1
3110	0	0	1	1	1	1	1	1	1	1
3111	0	0	1	1	1	1	1	1	1	1
3112	0	0	1	1	1	1	1	1	1	1
3113	0	0	1	1	1	1	1	1	1	1
3114	0	0	1	1	1	1	1	1	1	1
3115	0	0	1	1	1	1	1	1	1	1
3116	0	0	1	1	1	1	1	1	1	1
3117	0	0	1	1	1	1	1	1	1	1
3118	0	0	1	1	1	1	1	1	1	1
3119	0	0	1	1	1	1	1	1	1	1
3120	0	0	1	1	1	1	1	1	1	1
3121	0	0	1	1	1	1	1	1	1	1
3122	0	0	1	1	1	1	1	1	1	1
3123	0	0	1	1	1	1	1	1	1	1
3124	0	0	1	1	1	1	1	1	1	1
3125	0	0	1	1	1	1	1	1	1	1
3126	0	0	1	1	1	1	1	1	1	1
3127	0	0	1	1	1	1	1	1	1	1
3128	0	0	1	1	1	1	1	1	1	1
3129	0	0	1	1	1	1	1	1	1	1
3130	0	0	1	1	1	1	1	1	1	1
3131	0	0	1	1	1	1	1	1	1	1
3132	0	0	1	1	1	1	1	1	1	1
3133	0	0	1	1	1	1	1	1	1	1
3134	0	0	1	1	1	1	1	1	1	1
3135	0	0	1	1	1	1	1	1	1	1
3136	0	0	1	1	1	1	1	1	1	1
3137	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3138	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new	4
3139	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new	4
3140	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new	4
3141	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new	4
3142	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new	4
3143	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new	4
3144	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new	4
3145	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new	4
3146	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new	4
3147	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new	4
3148	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new	4
3149	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new	4
3150	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new	4
3151	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new	4
3152	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new	4
3153	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new	4
3154	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new	4
3155	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new	4
3156	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new	4
3157	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new	4
3158	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new	4
3159	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new	4
3160	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new	4
3161	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new	4
3162	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new	4
3163	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new	4
3164	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new	4
3165	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new	4
3166	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new	4
3167	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new	4
3168	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new	4
3169	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new	4
3170	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new	4

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3138	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3139	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3140	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3141	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3142	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3143	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3144	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3145	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3146	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3147	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3148	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3149	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3150	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3151	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3152	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3153	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3154	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3155	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3156	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3157	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3158	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3159	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3160	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3161	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3162	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3163	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3164	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3165	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3166	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3167	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3168	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3169	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3170	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3138	Redacted	ok	new_resolve	1	1	Redacted
3139	Redacted	ok	new_resolve	1	1	Redacted
3140	Redacted	ok	new_resolve	1	1	Redacted
3141	Redacted	ok	new_resolve	1	1	Redacted
3142	Redacted	ok	new_resolve	1	1	Redacted
3143	Redacted	ok	new_resolve	1	1	Redacted
3144	Redacted	ok	new_resolve	1	1	Redacted
3145	Redacted	ok	new_resolve	1	1	Redacted
3146	Redacted	ok	new_resolve	1	1	Redacted
3147	Redacted	ok	new_resolve	1	1	Redacted
3148	Redacted	ok	new_resolve	1	1	Redacted
3149	Redacted	ok	new_resolve	1	1	Redacted
3150	Redacted	ok	new_resolve	1	1	Redacted
3151	Redacted	ok	new_resolve	1	1	Redacted
3152	Redacted	ok	new_resolve	1	1	Redacted
3153	Redacted	ok	new_resolve	1	1	Redacted
3154	Redacted	ok	new_resolve	1	1	Redacted
3155	Redacted	ok	new_resolve	1	1	Redacted
3156	Redacted	ok	new_resolve	1	1	Redacted
3157	Redacted	ok	new_resolve	1	1	Redacted
3158	Redacted	ok	new_resolve	1	1	Redacted
3159	Redacted	ok	new_resolve	1	1	Redacted
3160	Redacted	ok	new_resolve	1	1	Redacted
3161	Redacted	ok	new_resolve	1	1	Redacted
3162	Redacted	ok	new_resolve	1	1	Redacted
3163	Redacted	ok	new_resolve	1	1	Redacted
3164	Redacted	ok	new_resolve	1	1	Redacted
3165	Redacted	ok	new_resolve	1	1	Redacted
3166	Redacted	ok	new_resolve	1	1	Redacted
3167	Redacted	ok	new_resolve	1	1	Redacted
3168	Redacted	ok	new_resolve	1	1	Redacted
3169	Redacted	ok	new_resolve	1	1	Redacted
3170	Redacted	ok	new_resolve	1	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3138	0	0	1	1	1	1	1	1	1	1
3139	0	0	1	1	1	1	1	1	1	1
3140	0	0	1	1	1	1	1	1	1	1
3141	0	0	1	1	1	1	1	1	1	1
3142	0	0	1	1	1	1	1	1	1	1
3143	0	0	1	1	1	1	1	1	1	1
3144	0	0	1	1	1	1	1	1	1	1
3145	0	0	1	1	1	1	1	1	1	1
3146	0	0	1	1	1	1	1	1	1	1
3147	0	0	1	1	1	1	1	1	1	1
3148	0	0	1	1	1	1	1	1	1	1
3149	0	0	1	1	1	1	1	1	1	1
3150	0	0	1	1	1	1	1	1	1	1
3151	0	0	1	1	1	1	1	1	1	1
3152	0	0	1	1	1	1	1	1	1	1
3153	0	0	1	1	1	1	1	1	1	1
3154	0	0	1	1	1	1	1	1	1	1
3155	0	0	1	1	1	1	1	1	1	1
3156	0	0	1	1	1	1	1	1	1	1
3157	0	0	1	1	1	1	1	1	1	1
3158	0	0	1	1	1	1	1	1	1	1
3159	0	0	1	1	1	1	1	1	1	1
3160	0	0	1	1	1	1	1	1	1	1
3161	0	0	1	1	1	1	1	1	1	1
3162	0	0	1	1	1	1	1	1	1	1
3163	0	0	1	1	1	1	1	1	1	1
3164	0	0	1	1	1	1	1	1	1	1
3165	0	0	1	1	1	1	1	1	1	1
3166	0	0	1	1	1	1	1	1	1	1
3167	0	0	1	1	1	1	1	1	1	1
3168	0	0	1	1	1	1	1	1	1	1
3169	0	0	1	1	1	1	1	1	1	1
3170	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3171	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new	4
3172	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new	4
3173	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new	4
3174	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new	4
3175	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new	4
3176	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new	4
3177	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new	4
3178	SVCEA	Redacted	Redacted	2021	8	Redacted		Redacted	planned_existing	
3179	SVCEA	Redacted	Redacted	2022	8	Redacted		Redacted	planned_existing	
3180	SVCEA	Redacted	Redacted	2023	8	Redacted		Redacted	planned_existing	
3181	SVCEA	Redacted	Redacted	2024	8	Redacted		Redacted	planned_existing	
3182	SVCEA	Redacted	Redacted	2025	8	Redacted		Redacted	planned_existing	
3183	SVCEA	Redacted	Redacted	2026	8	Redacted		Redacted	planned_existing	
3184	SVCEA	Redacted	Redacted	2027	8	Redacted		Redacted	planned_existing	
3185	SVCEA	Redacted	Redacted	2028	8	Redacted		Redacted	planned_existing	
3186	SVCEA	Redacted	Redacted	2029	8	Redacted		Redacted	planned_existing	
3187	SVCEA	Redacted	Redacted	2030	8	Redacted		Redacted	planned_existing	
3188	SVCEA	Redacted	Redacted	2021	1	Redacted		Redacted	planned_existing	
3189	SVCEA	Redacted	Redacted	2022	1	Redacted		Redacted	planned_existing	
3190	SVCEA	Redacted	Redacted	2023	1	Redacted		Redacted	planned_existing	
3191	SVCEA	Redacted	Redacted	2024	1	Redacted		Redacted	planned_existing	
3192	SVCEA	Redacted	Redacted	2025	1	Redacted		Redacted	planned_existing	
3193	SVCEA	Redacted	Redacted	2026	1	Redacted		Redacted	planned_existing	
3194	SVCEA	Redacted	Redacted	2027	1	Redacted		Redacted	planned_existing	
3195	SVCEA	Redacted	Redacted	2028	1	Redacted		Redacted	planned_existing	
3196	SVCEA	Redacted	Redacted	2029	1	Redacted		Redacted	planned_existing	
3197	SVCEA	Redacted	Redacted	2030	1	Redacted		Redacted	planned_existing	
3198	SVCEA	Redacted	Redacted	2021	2	Redacted		Redacted	planned_existing	
3199	SVCEA	Redacted	Redacted	2022	2	Redacted		Redacted	planned_existing	
3200	SVCEA	Redacted	Redacted	2023	2	Redacted		Redacted	planned_existing	
3201	SVCEA	Redacted	Redacted	2024	2	Redacted		Redacted	planned_existing	
3202	SVCEA	Redacted	Redacted	2025	2	Redacted		Redacted	planned_existing	
3203	SVCEA	Redacted	Redacted	2026	2	Redacted		Redacted	planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3171	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3172	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3173	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3174	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3175	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3176	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3177	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1	#N/A
3178	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3179	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3180	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3181	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3182	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3183	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3184	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3185	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3186	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3187	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3188	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3189	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3190	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3191	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3192	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3193	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3194	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3195	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3196	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3197	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3198	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3199	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3200	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3201	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3202	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3203	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3171	Redacted	ok	new_resolve	1	1	Redacted
3172	Redacted	ok	new_resolve	1	1	Redacted
3173	Redacted	ok	new_resolve	1	1	Redacted
3174	Redacted	ok	new_resolve	1	1	Redacted
3175	Redacted	ok	new_resolve	1	1	Redacted
3176	Redacted	ok	new_resolve	1	1	Redacted
3177	Redacted	ok	new_resolve	1	1	Redacted
3178	Redacted	ok	existing_generic	0	1	Redacted
3179	Redacted	ok	existing_generic	0	1	Redacted
3180	Redacted	ok	existing_generic	0	1	Redacted
3181	Redacted	ok	existing_generic	0	1	Redacted
3182	Redacted	ok	existing_generic	0	1	Redacted
3183	Redacted	ok	existing_generic	0	1	Redacted
3184	Redacted	ok	existing_generic	0	1	Redacted
3185	Redacted	ok	existing_generic	0	1	Redacted
3186	Redacted	ok	existing_generic	0	1	Redacted
3187	Redacted	ok	existing_generic	0	1	Redacted
3188	Redacted	ok	existing_generic	0	1	Redacted
3189	Redacted	ok	existing_generic	0	1	Redacted
3190	Redacted	ok	existing_generic	0	1	Redacted
3191	Redacted	ok	existing_generic	0	1	Redacted
3192	Redacted	ok	existing_generic	0	1	Redacted
3193	Redacted	ok	existing_generic	0	1	Redacted
3194	Redacted	ok	existing_generic	0	1	Redacted
3195	Redacted	ok	existing_generic	0	1	Redacted
3196	Redacted	ok	existing_generic	0	1	Redacted
3197	Redacted	ok	existing_generic	0	1	Redacted
3198	Redacted	ok	existing_generic	0	1	Redacted
3199	Redacted	ok	existing_generic	0	1	Redacted
3200	Redacted	ok	existing_generic	0	1	Redacted
3201	Redacted	ok	existing_generic	0	1	Redacted
3202	Redacted	ok	existing_generic	0	1	Redacted
3203	Redacted	ok	existing_generic	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3171	0	0	1	1	1	1	1	1	1	1
3172	0	0	1	1	1	1	1	1	1	1
3173	0	0	1	1	1	1	1	1	1	1
3174	0	0	1	1	1	1	1	1	1	1
3175	0	0	1	1	1	1	1	1	1	1
3176	0	0	1	1	1	1	1	1	1	1
3177	0	0	1	1	1	1	1	1	1	1
3178	0	0	1	1	1	1	1	1	1	1
3179	0	0	1	1	1	1	1	1	1	1
3180	0	0	1	1	1	1	1	1	1	1
3181	0	0	1	1	1	1	1	1	1	1
3182	0	0	1	1	1	1	1	1	1	1
3183	0	0	1	1	1	1	1	1	1	1
3184	0	0	1	1	1	1	1	1	1	1
3185	0	0	1	1	1	1	1	1	1	1
3186	0	0	1	1	1	1	1	1	1	1
3187	0	0	1	1	1	1	1	1	1	1
3188	0	0	1	1	1	1	1	1	1	1
3189	0	0	1	1	1	1	1	1	1	1
3190	0	0	1	1	1	1	1	1	1	1
3191	0	0	1	1	1	1	1	1	1	1
3192	0	0	1	1	1	1	1	1	1	1
3193	0	0	1	1	1	1	1	1	1	1
3194	0	0	1	1	1	1	1	1	1	1
3195	0	0	1	1	1	1	1	1	1	1
3196	0	0	1	1	1	1	1	1	1	1
3197	0	0	1	1	1	1	1	1	1	1
3198	0	0	1	1	1	1	1	1	1	1
3199	0	0	1	1	1	1	1	1	1	1
3200	0	0	1	1	1	1	1	1	1	1
3201	0	0	1	1	1	1	1	1	1	1
3202	0	0	1	1	1	1	1	1	1	1
3203	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3204	SVCEA	Redacted	Redacted	2027	2	Redacted		Redacted	planned_existing	
3205	SVCEA	Redacted	Redacted	2028	2	Redacted		Redacted	planned_existing	
3206	SVCEA	Redacted	Redacted	2029	2	Redacted		Redacted	planned_existing	
3207	SVCEA	Redacted	Redacted	2030	2	Redacted		Redacted	planned_existing	
3208	SVCEA	Redacted	Redacted	2021	3	Redacted		Redacted	planned_existing	
3209	SVCEA	Redacted	Redacted	2022	3	Redacted		Redacted	planned_existing	
3210	SVCEA	Redacted	Redacted	2023	3	Redacted		Redacted	planned_existing	
3211	SVCEA	Redacted	Redacted	2024	3	Redacted		Redacted	planned_existing	
3212	SVCEA	Redacted	Redacted	2025	3	Redacted		Redacted	planned_existing	
3213	SVCEA	Redacted	Redacted	2026	3	Redacted		Redacted	planned_existing	
3214	SVCEA	Redacted	Redacted	2027	3	Redacted		Redacted	planned_existing	
3215	SVCEA	Redacted	Redacted	2028	3	Redacted		Redacted	planned_existing	
3216	SVCEA	Redacted	Redacted	2029	3	Redacted		Redacted	planned_existing	
3217	SVCEA	Redacted	Redacted	2030	3	Redacted		Redacted	planned_existing	
3218	SVCEA	Redacted	Redacted	2021	4	Redacted		Redacted	planned_existing	
3219	SVCEA	Redacted	Redacted	2022	4	Redacted		Redacted	planned_existing	
3220	SVCEA	Redacted	Redacted	2023	4	Redacted		Redacted	planned_existing	
3221	SVCEA	Redacted	Redacted	2024	4	Redacted		Redacted	planned_existing	
3222	SVCEA	Redacted	Redacted	2025	4	Redacted		Redacted	planned_existing	
3223	SVCEA	Redacted	Redacted	2026	4	Redacted		Redacted	planned_existing	
3224	SVCEA	Redacted	Redacted	2027	4	Redacted		Redacted	planned_existing	
3225	SVCEA	Redacted	Redacted	2028	4	Redacted		Redacted	planned_existing	
3226	SVCEA	Redacted	Redacted	2029	4	Redacted		Redacted	planned_existing	
3227	SVCEA	Redacted	Redacted	2030	4	Redacted		Redacted	planned_existing	
3228	SVCEA	Redacted	Redacted	2021	5	Redacted		Redacted	planned_existing	
3229	SVCEA	Redacted	Redacted	2022	5	Redacted		Redacted	planned_existing	
3230	SVCEA	Redacted	Redacted	2023	5	Redacted		Redacted	planned_existing	
3231	SVCEA	Redacted	Redacted	2024	5	Redacted		Redacted	planned_existing	
3232	SVCEA	Redacted	Redacted	2025	5	Redacted		Redacted	planned_existing	
3233	SVCEA	Redacted	Redacted	2026	5	Redacted		Redacted	planned_existing	
3234	SVCEA	Redacted	Redacted	2027	5	Redacted		Redacted	planned_existing	
3235	SVCEA	Redacted	Redacted	2028	5	Redacted		Redacted	planned_existing	
3236	SVCEA	Redacted	Redacted	2029	5	Redacted		Redacted	planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3204	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3205	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3206	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3207	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3208	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3209	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3210	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3211	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3212	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3213	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3214	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3215	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3216	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3217	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3218	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3219	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3220	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3221	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3222	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3223	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3224	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3225	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3226	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3227	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3228	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3229	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3230	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3231	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3232	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3233	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3234	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3235	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3236	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3204	Redacted	ok	existing_generic	0	1	Redacted
3205	Redacted	ok	existing_generic	0	1	Redacted
3206	Redacted	ok	existing_generic	0	1	Redacted
3207	Redacted	ok	existing_generic	0	1	Redacted
3208	Redacted	ok	existing_generic	0	1	Redacted
3209	Redacted	ok	existing_generic	0	1	Redacted
3210	Redacted	ok	existing_generic	0	1	Redacted
3211	Redacted	ok	existing_generic	0	1	Redacted
3212	Redacted	ok	existing_generic	0	1	Redacted
3213	Redacted	ok	existing_generic	0	1	Redacted
3214	Redacted	ok	existing_generic	0	1	Redacted
3215	Redacted	ok	existing_generic	0	1	Redacted
3216	Redacted	ok	existing_generic	0	1	Redacted
3217	Redacted	ok	existing_generic	0	1	Redacted
3218	Redacted	ok	existing_generic	0	1	Redacted
3219	Redacted	ok	existing_generic	0	1	Redacted
3220	Redacted	ok	existing_generic	0	1	Redacted
3221	Redacted	ok	existing_generic	0	1	Redacted
3222	Redacted	ok	existing_generic	0	1	Redacted
3223	Redacted	ok	existing_generic	0	1	Redacted
3224	Redacted	ok	existing_generic	0	1	Redacted
3225	Redacted	ok	existing_generic	0	1	Redacted
3226	Redacted	ok	existing_generic	0	1	Redacted
3227	Redacted	ok	existing_generic	0	1	Redacted
3228	Redacted	ok	existing_generic	0	1	Redacted
3229	Redacted	ok	existing_generic	0	1	Redacted
3230	Redacted	ok	existing_generic	0	1	Redacted
3231	Redacted	ok	existing_generic	0	1	Redacted
3232	Redacted	ok	existing_generic	0	1	Redacted
3233	Redacted	ok	existing_generic	0	1	Redacted
3234	Redacted	ok	existing_generic	0	1	Redacted
3235	Redacted	ok	existing_generic	0	1	Redacted
3236	Redacted	ok	existing_generic	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3204	0	0	1	1	1	1	1	1	1	1
3205	0	0	1	1	1	1	1	1	1	1
3206	0	0	1	1	1	1	1	1	1	1
3207	0	0	1	1	1	1	1	1	1	1
3208	0	0	1	1	1	1	1	1	1	1
3209	0	0	1	1	1	1	1	1	1	1
3210	0	0	1	1	1	1	1	1	1	1
3211	0	0	1	1	1	1	1	1	1	1
3212	0	0	1	1	1	1	1	1	1	1
3213	0	0	1	1	1	1	1	1	1	1
3214	0	0	1	1	1	1	1	1	1	1
3215	0	0	1	1	1	1	1	1	1	1
3216	0	0	1	1	1	1	1	1	1	1
3217	0	0	1	1	1	1	1	1	1	1
3218	0	0	1	1	1	1	1	1	1	1
3219	0	0	1	1	1	1	1	1	1	1
3220	0	0	1	1	1	1	1	1	1	1
3221	0	0	1	1	1	1	1	1	1	1
3222	0	0	1	1	1	1	1	1	1	1
3223	0	0	1	1	1	1	1	1	1	1
3224	0	0	1	1	1	1	1	1	1	1
3225	0	0	1	1	1	1	1	1	1	1
3226	0	0	1	1	1	1	1	1	1	1
3227	0	0	1	1	1	1	1	1	1	1
3228	0	0	1	1	1	1	1	1	1	1
3229	0	0	1	1	1	1	1	1	1	1
3230	0	0	1	1	1	1	1	1	1	1
3231	0	0	1	1	1	1	1	1	1	1
3232	0	0	1	1	1	1	1	1	1	1
3233	0	0	1	1	1	1	1	1	1	1
3234	0	0	1	1	1	1	1	1	1	1
3235	0	0	1	1	1	1	1	1	1	1
3236	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3237	SVCEA	Redacted	Redacted	2030	5	Redacted		Redacted	planned_existing	
3238	SVCEA	Redacted	Redacted	2021	6	Redacted		Redacted	planned_existing	
3239	SVCEA	Redacted	Redacted	2022	6	Redacted		Redacted	planned_existing	
3240	SVCEA	Redacted	Redacted	2023	6	Redacted		Redacted	planned_existing	
3241	SVCEA	Redacted	Redacted	2024	6	Redacted		Redacted	planned_existing	
3242	SVCEA	Redacted	Redacted	2025	6	Redacted		Redacted	planned_existing	
3243	SVCEA	Redacted	Redacted	2026	6	Redacted		Redacted	planned_existing	
3244	SVCEA	Redacted	Redacted	2027	6	Redacted		Redacted	planned_existing	
3245	SVCEA	Redacted	Redacted	2028	6	Redacted		Redacted	planned_existing	
3246	SVCEA	Redacted	Redacted	2029	6	Redacted		Redacted	planned_existing	
3247	SVCEA	Redacted	Redacted	2030	6	Redacted		Redacted	planned_existing	
3248	SVCEA	Redacted	Redacted	2021	7	Redacted		Redacted	planned_existing	
3249	SVCEA	Redacted	Redacted	2022	7	Redacted		Redacted	planned_existing	
3250	SVCEA	Redacted	Redacted	2023	7	Redacted		Redacted	planned_existing	
3251	SVCEA	Redacted	Redacted	2024	7	Redacted		Redacted	planned_existing	
3252	SVCEA	Redacted	Redacted	2025	7	Redacted		Redacted	planned_existing	
3253	SVCEA	Redacted	Redacted	2026	7	Redacted		Redacted	planned_existing	
3254	SVCEA	Redacted	Redacted	2027	7	Redacted		Redacted	planned_existing	
3255	SVCEA	Redacted	Redacted	2028	7	Redacted		Redacted	planned_existing	
3256	SVCEA	Redacted	Redacted	2029	7	Redacted		Redacted	planned_existing	
3257	SVCEA	Redacted	Redacted	2030	7	Redacted		Redacted	planned_existing	
3258	SVCEA	Redacted	Redacted	2021	10	Redacted		Redacted	planned_existing	
3259	SVCEA	Redacted	Redacted	2022	10	Redacted		Redacted	planned_existing	
3260	SVCEA	Redacted	Redacted	2023	10	Redacted		Redacted	planned_existing	
3261	SVCEA	Redacted	Redacted	2024	10	Redacted		Redacted	planned_existing	
3262	SVCEA	Redacted	Redacted	2025	10	Redacted		Redacted	planned_existing	
3263	SVCEA	Redacted	Redacted	2026	10	Redacted		Redacted	planned_existing	
3264	SVCEA	Redacted	Redacted	2027	10	Redacted		Redacted	planned_existing	
3265	SVCEA	Redacted	Redacted	2028	10	Redacted		Redacted	planned_existing	
3266	SVCEA	Redacted	Redacted	2029	10	Redacted		Redacted	planned_existing	
3267	SVCEA	Redacted	Redacted	2030	10	Redacted		Redacted	planned_existing	
3268	SVCEA	Redacted	Redacted	2021	11	Redacted		Redacted	planned_existing	
3269	SVCEA	Redacted	Redacted	2022	11	Redacted		Redacted	planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3237	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3238	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3239	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3240	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3241	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3242	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3243	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3244	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3245	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3246	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3247	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3248	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3249	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3250	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3251	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3252	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3253	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3254	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3255	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3256	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3257	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3258	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3259	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3260	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3261	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3262	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3263	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3264	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3265	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3266	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3267	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3268	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3269	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3237	Redacted	ok	existing_generic	0	1	Redacted
3238	Redacted	ok	existing_generic	0	1	Redacted
3239	Redacted	ok	existing_generic	0	1	Redacted
3240	Redacted	ok	existing_generic	0	1	Redacted
3241	Redacted	ok	existing_generic	0	1	Redacted
3242	Redacted	ok	existing_generic	0	1	Redacted
3243	Redacted	ok	existing_generic	0	1	Redacted
3244	Redacted	ok	existing_generic	0	1	Redacted
3245	Redacted	ok	existing_generic	0	1	Redacted
3246	Redacted	ok	existing_generic	0	1	Redacted
3247	Redacted	ok	existing_generic	0	1	Redacted
3248	Redacted	ok	existing_generic	0	1	Redacted
3249	Redacted	ok	existing_generic	0	1	Redacted
3250	Redacted	ok	existing_generic	0	1	Redacted
3251	Redacted	ok	existing_generic	0	1	Redacted
3252	Redacted	ok	existing_generic	0	1	Redacted
3253	Redacted	ok	existing_generic	0	1	Redacted
3254	Redacted	ok	existing_generic	0	1	Redacted
3255	Redacted	ok	existing_generic	0	1	Redacted
3256	Redacted	ok	existing_generic	0	1	Redacted
3257	Redacted	ok	existing_generic	0	1	Redacted
3258	Redacted	ok	existing_generic	0	1	Redacted
3259	Redacted	ok	existing_generic	0	1	Redacted
3260	Redacted	ok	existing_generic	0	1	Redacted
3261	Redacted	ok	existing_generic	0	1	Redacted
3262	Redacted	ok	existing_generic	0	1	Redacted
3263	Redacted	ok	existing_generic	0	1	Redacted
3264	Redacted	ok	existing_generic	0	1	Redacted
3265	Redacted	ok	existing_generic	0	1	Redacted
3266	Redacted	ok	existing_generic	0	1	Redacted
3267	Redacted	ok	existing_generic	0	1	Redacted
3268	Redacted	ok	existing_generic	0	1	Redacted
3269	Redacted	ok	existing_generic	0	1	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3237	0	0	1	1	1	1	1	1	1	1
3238	0	0	1	1	1	1	1	1	1	1
3239	0	0	1	1	1	1	1	1	1	1
3240	0	0	1	1	1	1	1	1	1	1
3241	0	0	1	1	1	1	1	1	1	1
3242	0	0	1	1	1	1	1	1	1	1
3243	0	0	1	1	1	1	1	1	1	1
3244	0	0	1	1	1	1	1	1	1	1
3245	0	0	1	1	1	1	1	1	1	1
3246	0	0	1	1	1	1	1	1	1	1
3247	0	0	1	1	1	1	1	1	1	1
3248	0	0	1	1	1	1	1	1	1	1
3249	0	0	1	1	1	1	1	1	1	1
3250	0	0	1	1	1	1	1	1	1	1
3251	0	0	1	1	1	1	1	1	1	1
3252	0	0	1	1	1	1	1	1	1	1
3253	0	0	1	1	1	1	1	1	1	1
3254	0	0	1	1	1	1	1	1	1	1
3255	0	0	1	1	1	1	1	1	1	1
3256	0	0	1	1	1	1	1	1	1	1
3257	0	0	1	1	1	1	1	1	1	1
3258	0	0	1	1	1	1	1	1	1	1
3259	0	0	1	1	1	1	1	1	1	1
3260	0	0	1	1	1	1	1	1	1	1
3261	0	0	1	1	1	1	1	1	1	1
3262	0	0	1	1	1	1	1	1	1	1
3263	0	0	1	1	1	1	1	1	1	1
3264	0	0	1	1	1	1	1	1	1	1
3265	0	0	1	1	1	1	1	1	1	1
3266	0	0	1	1	1	1	1	1	1	1
3267	0	0	1	1	1	1	1	1	1	1
3268	0	0	1	1	1	1	1	1	1	1
3269	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3270	SVCEA	Redacted	Redacted	2023	11	Redacted		Redacted	planned_existing	
3271	SVCEA	Redacted	Redacted	2024	11	Redacted		Redacted	planned_existing	
3272	SVCEA	Redacted	Redacted	2025	11	Redacted		Redacted	planned_existing	
3273	SVCEA	Redacted	Redacted	2026	11	Redacted		Redacted	planned_existing	
3274	SVCEA	Redacted	Redacted	2027	11	Redacted		Redacted	planned_existing	
3275	SVCEA	Redacted	Redacted	2028	11	Redacted		Redacted	planned_existing	
3276	SVCEA	Redacted	Redacted	2029	11	Redacted		Redacted	planned_existing	
3277	SVCEA	Redacted	Redacted	2030	11	Redacted		Redacted	planned_existing	
3278	SVCEA	Redacted	Redacted	2021	12	Redacted		Redacted	planned_existing	
3279	SVCEA	Redacted	Redacted	2022	12	Redacted		Redacted	planned_existing	
3280	SVCEA	Redacted	Redacted	2023	12	Redacted		Redacted	planned_existing	
3281	SVCEA	Redacted	Redacted	2024	12	Redacted		Redacted	planned_existing	
3282	SVCEA	Redacted	Redacted	2025	12	Redacted		Redacted	planned_existing	
3283	SVCEA	Redacted	Redacted	2026	12	Redacted		Redacted	planned_existing	
3284	SVCEA	Redacted	Redacted	2027	12	Redacted		Redacted	planned_existing	
3285	SVCEA	Redacted	Redacted	2028	12	Redacted		Redacted	planned_existing	
3286	SVCEA	Redacted	Redacted	2029	12	Redacted		Redacted	planned_existing	
3287	SVCEA	Redacted	Redacted	2030	12	Redacted		Redacted	planned_existing	
3288	SVCEA	existing_generic_nw_hydro	164BE001	2021	1	13	Redacted		online	
3289	SVCEA	existing_generic_nw_hydro	164BE001	2021	2	13	Redacted		online	
3290	SVCEA	existing_generic_nw_hydro	164BE001	2021	3	13	Redacted		online	
3291	SVCEA	existing_generic_nw_hydro	164BE001	2021	4	13	Redacted		online	
3292	SVCEA	existing_generic_nw_hydro	164BE001	2021	5	13	Redacted		online	
3293	SVCEA	existing_generic_nw_hydro	164BE001	2021	6	13	Redacted		online	
3294	SVCEA	existing_generic_nw_hydro	164BE001	2021	7	13	Redacted		online	
3295	SVCEA	existing_generic_nw_hydro	164BE001	2021	8	13	Redacted		online	
3296	SVCEA	existing_generic_nw_hydro	164BE001	2021	9	13	Redacted		online	
3297	SVCEA	existing_generic_nw_hydro	164BE001	2021	10	13	Redacted		online	
3298	SVCEA	existing_generic_nw_hydro	164BE001	2021	11	13	Redacted		online	
3299	SVCEA	existing_generic_nw_hydro	164BE001	2021	12	13	Redacted		online	
3300	SVCEA	blended	164BE003	2021	1	37	Redacted		online	
3301	SVCEA	blended	164BE003	2021	2	37	Redacted		online	
3302	SVCEA	blended	164BE003	2021	3	37	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3270	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3271	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3272	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3273	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3274	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3275	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3276	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3277	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3278	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3279	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3280	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3281	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3282	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3283	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3284	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3285	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3286	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3287	Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1	Redacted
3288	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	60%	1	#N/A
3289	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	70%	1	#N/A
3290	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	73%	1	#N/A
3291	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	72%	1	#N/A
3292	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	69%	1	#N/A
3293	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	74%	1	#N/A
3294	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	73%	1	#N/A
3295	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	72%	1	#N/A
3296	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	71%	1	#N/A
3297	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	64%	1	#N/A
3298	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	56%	1	#N/A
3299	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	64%	1	#N/A
3300	Redacted	Redacted	blended	1	unknown	unknown_2021_1	0%	1	#N/A
3301	Redacted	Redacted	blended	1	unknown	unknown_2021_2	0%	1	#N/A
3302	Redacted	Redacted	blended	1	unknown	unknown_2021_3	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3270	Redacted	ok	existing_generic	0	1	Redacted
3271	Redacted	ok	existing_generic	0	1	Redacted
3272	Redacted	ok	existing_generic	0	1	Redacted
3273	Redacted	ok	existing_generic	0	1	Redacted
3274	Redacted	ok	existing_generic	0	1	Redacted
3275	Redacted	ok	existing_generic	0	1	Redacted
3276	Redacted	ok	existing_generic	0	1	Redacted
3277	Redacted	ok	existing_generic	0	1	Redacted
3278	Redacted	ok	existing_generic	0	1	Redacted
3279	Redacted	ok	existing_generic	0	1	Redacted
3280	Redacted	ok	existing_generic	0	1	Redacted
3281	Redacted	ok	existing_generic	0	1	Redacted
3282	Redacted	ok	existing_generic	0	1	Redacted
3283	Redacted	ok	existing_generic	0	1	Redacted
3284	Redacted	ok	existing_generic	0	1	Redacted
3285	Redacted	ok	existing_generic	0	1	Redacted
3286	Redacted	ok	existing_generic	0	1	Redacted
3287	Redacted	ok	existing_generic	0	1	Redacted
3288	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3289	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3290	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3291	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3292	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3293	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3294	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3295	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3296	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3297	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3298	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3299	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3300	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3301	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3302	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3270	0	0	1	1	1	1	1	1	1	1
3271	0	0	1	1	1	1	1	1	1	1
3272	0	0	1	1	1	1	1	1	1	1
3273	0	0	1	1	1	1	1	1	1	1
3274	0	0	1	1	1	1	1	1	1	1
3275	0	0	1	1	1	1	1	1	1	1
3276	0	0	1	1	1	1	1	1	1	1
3277	0	0	1	1	1	1	1	1	1	1
3278	0	0	1	1	1	1	1	1	1	1
3279	0	0	1	1	1	1	1	1	1	1
3280	0	0	1	1	1	1	1	1	1	1
3281	0	0	1	1	1	1	1	1	1	1
3282	0	0	1	1	1	1	1	1	1	1
3283	0	0	1	1	1	1	1	1	1	1
3284	0	0	1	1	1	1	1	1	1	1
3285	0	0	1	1	1	1	1	1	1	1
3286	0	0	1	1	1	1	1	1	1	1
3287	0	0	1	1	1	1	1	1	1	1
3288	1	136	1	1	1	1	1	1	1	1
3289	0	0	1	1	1	1	1	1	1	1
3290	0	0	1	1	1	1	1	1	1	1
3291	0	0	1	1	1	1	1	1	1	1
3292	0	0	1	1	1	1	1	1	1	1
3293	0	0	1	1	1	1	1	1	1	1
3294	0	0	1	1	1	1	1	1	1	1
3295	0	0	1	1	1	1	1	1	1	1
3296	0	0	1	1	1	1	1	1	1	1
3297	0	0	1	1	1	1	1	1	1	1
3298	0	0	1	1	1	1	1	1	1	1
3299	0	0	1	1	1	1	1	1	1	1
3300	1	137	1	1	1	1	1	1	1	1
3301	0	0	1	1	1	1	1	1	1	1
3302	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3303	SVCEA	blended	164BE003	2021	4	37	Redacted		online	
3304	SVCEA	blended	164BE003	2021	5	37	Redacted		online	
3305	SVCEA	blended	164BE003	2021	6	37	Redacted		online	
3306	SVCEA	blended	164BE003	2021	7	37	Redacted		online	
3307	SVCEA	blended	164BE003	2021	8	37	Redacted		online	
3308	SVCEA	blended	164BE003	2021	9	37	Redacted		online	
3309	SVCEA	blended	164BE003	2021	10	37	Redacted		online	
3310	SVCEA	blended	164BE003	2021	11	37	Redacted		online	
3311	SVCEA	blended	164BE003	2021	12	37	Redacted		online	
3312	SVCEA	existing_generic_nw_hydro	164BE004	2021	1	29	Redacted		online	
3313	SVCEA	existing_generic_nw_hydro	164BE004	2021	2	29	Redacted		online	
3314	SVCEA	existing_generic_nw_hydro	164BE004	2021	3	29	Redacted		online	
3315	SVCEA	existing_generic_nw_hydro	164BE004	2021	4	29	Redacted		online	
3316	SVCEA	existing_generic_nw_hydro	164BE004	2021	5	29	Redacted		online	
3317	SVCEA	existing_generic_nw_hydro	164BE004	2021	6	29	Redacted		online	
3318	SVCEA	existing_generic_nw_hydro	164BE004	2021	7	29	Redacted		online	
3319	SVCEA	existing_generic_nw_hydro	164BE004	2021	8	29	Redacted		online	
3320	SVCEA	existing_generic_nw_hydro	164BE004	2021	9	29	Redacted		online	
3321	SVCEA	existing_generic_nw_hydro	164BE004	2021	10	29	Redacted		online	
3322	SVCEA	existing_generic_nw_hydro	164BE004	2021	11	29	Redacted		online	
3323	SVCEA	existing_generic_nw_hydro	164BE004	2021	12	29	Redacted		online	
3324	SVCEA	existing_generic_nw_hydro	181BE019	2021	1	17	Redacted		online	
3325	SVCEA	existing_generic_nw_hydro	181BE019	2021	2	17	Redacted		online	
3326	SVCEA	existing_generic_nw_hydro	181BE019	2021	3	17	Redacted		online	
3327	SVCEA	existing_generic_nw_hydro	181BE019	2021	4	17	Redacted		online	
3328	SVCEA	existing_generic_nw_hydro	181BE019	2021	5	17	Redacted		online	
3329	SVCEA	existing_generic_nw_hydro	181BE019	2021	6	17	Redacted		online	
3330	SVCEA	existing_generic_nw_hydro	181BE019	2021	7	17	Redacted		online	
3331	SVCEA	existing_generic_nw_hydro	181BE019	2021	8	17	Redacted		online	
3332	SVCEA	existing_generic_nw_hydro	181BE019	2021	9	17	Redacted		online	
3333	SVCEA	existing_generic_nw_hydro	181BE019	2021	10	17	Redacted		online	
3334	SVCEA	existing_generic_nw_hydro	181BE019	2021	11	17	Redacted		online	
3335	SVCEA	existing_generic_nw_hydro	181BE019	2021	12	17	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3303	Redacted	Redacted	blended	1	unknown	unknown_2021_4	0%	1	#N/A
3304	Redacted	Redacted	blended	1	unknown	unknown_2021_5	0%	1	#N/A
3305	Redacted	Redacted	blended	1	unknown	unknown_2021_6	0%	1	#N/A
3306	Redacted	Redacted	blended	1	unknown	unknown_2021_7	0%	1	#N/A
3307	Redacted	Redacted	blended	1	unknown	unknown_2021_8	0%	1	#N/A
3308	Redacted	Redacted	blended	1	unknown	unknown_2021_9	0%	1	#N/A
3309	Redacted	Redacted	blended	1	unknown	unknown_2021_10	0%	1	#N/A
3310	Redacted	Redacted	blended	1	unknown	unknown_2021_11	0%	1	#N/A
3311	Redacted	Redacted	blended	1	unknown	unknown_2021_12	0%	1	#N/A
3312	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	60%	1	#N/A
3313	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	70%	1	#N/A
3314	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	73%	1	#N/A
3315	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	72%	1	#N/A
3316	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	69%	1	#N/A
3317	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	74%	1	#N/A
3318	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	73%	1	#N/A
3319	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	72%	1	#N/A
3320	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	71%	1	#N/A
3321	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	64%	1	#N/A
3322	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	56%	1	#N/A
3323	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	64%	1	#N/A
3324	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	60%	1	#N/A
3325	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	70%	1	#N/A
3326	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	73%	1	#N/A
3327	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	72%	1	#N/A
3328	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	69%	1	#N/A
3329	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	74%	1	#N/A
3330	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	73%	1	#N/A
3331	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	72%	1	#N/A
3332	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	71%	1	#N/A
3333	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	64%	1	#N/A
3334	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	56%	1	#N/A
3335	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	64%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3303	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3304	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3305	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3306	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3307	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3308	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3309	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3310	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3311	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3312	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3313	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3314	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3315	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3316	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3317	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3318	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3319	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3320	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3321	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3322	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3323	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3324	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3325	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3326	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3327	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3328	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3329	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3330	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3331	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3332	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3333	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3334	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3335	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3303	0	0	1	1	1	1	1	1	1	1
3304	0	0	1	1	1	1	1	1	1	1
3305	0	0	1	1	1	1	1	1	1	1
3306	0	0	1	1	1	1	1	1	1	1
3307	0	0	1	1	1	1	1	1	1	1
3308	0	0	1	1	1	1	1	1	1	1
3309	0	0	1	1	1	1	1	1	1	1
3310	0	0	1	1	1	1	1	1	1	1
3311	0	0	1	1	1	1	1	1	1	1
3312	1	138	1	1	1	1	1	1	1	1
3313	0	0	1	1	1	1	1	1	1	1
3314	0	0	1	1	1	1	1	1	1	1
3315	0	0	1	1	1	1	1	1	1	1
3316	0	0	1	1	1	1	1	1	1	1
3317	0	0	1	1	1	1	1	1	1	1
3318	0	0	1	1	1	1	1	1	1	1
3319	0	0	1	1	1	1	1	1	1	1
3320	0	0	1	1	1	1	1	1	1	1
3321	0	0	1	1	1	1	1	1	1	1
3322	0	0	1	1	1	1	1	1	1	1
3323	0	0	1	1	1	1	1	1	1	1
3324	1	139	1	1	1	1	1	1	1	1
3325	0	0	1	1	1	1	1	1	1	1
3326	0	0	1	1	1	1	1	1	1	1
3327	0	0	1	1	1	1	1	1	1	1
3328	0	0	1	1	1	1	1	1	1	1
3329	0	0	1	1	1	1	1	1	1	1
3330	0	0	1	1	1	1	1	1	1	1
3331	0	0	1	1	1	1	1	1	1	1
3332	0	0	1	1	1	1	1	1	1	1
3333	0	0	1	1	1	1	1	1	1	1
3334	0	0	1	1	1	1	1	1	1	1
3335	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3336	SVCEA	blended	181BE020	2021	1	18	Redacted		online	
3337	SVCEA	blended	181BE020	2021	2	18	Redacted		online	
3338	SVCEA	blended	181BE020	2021	3	18	Redacted		online	
3339	SVCEA	blended	181BE020	2021	4	18	Redacted		online	
3340	SVCEA	blended	181BE020	2021	5	18	Redacted		online	
3341	SVCEA	blended	181BE020	2021	6	18	Redacted		online	
3342	SVCEA	blended	181BE020	2021	7	18	Redacted		online	
3343	SVCEA	blended	181BE020	2021	8	18	Redacted		online	
3344	SVCEA	blended	181BE020	2021	9	18	Redacted		online	
3345	SVCEA	blended	181BE020	2021	10	18	Redacted		online	
3346	SVCEA	blended	181BE020	2021	11	18	Redacted		online	
3347	SVCEA	blended	181BE020	2021	12	18	Redacted		online	
3348	SVCEA	existing_generic_nw_hydro	202BE068	2021	1	13	Redacted		online	
3349	SVCEA	existing_generic_nw_hydro	202BE068	2021	2	13	Redacted		online	
3350	SVCEA	existing_generic_nw_hydro	202BE068	2021	3	13	Redacted		online	
3351	SVCEA	existing_generic_nw_hydro	202BE068	2021	4	13	Redacted		online	
3352	SVCEA	existing_generic_nw_hydro	202BE068	2021	5	13	Redacted		online	
3353	SVCEA	existing_generic_nw_hydro	202BE068	2021	6	13	Redacted		online	
3354	SVCEA	existing_generic_nw_hydro	202BE068	2021	7	13	Redacted		online	
3355	SVCEA	existing_generic_nw_hydro	202BE068	2021	8	13	Redacted		online	
3356	SVCEA	existing_generic_nw_hydro	202BE068	2021	9	13	Redacted		online	
3357	SVCEA	existing_generic_nw_hydro	202BE068	2021	10	13	Redacted		online	
3358	SVCEA	existing_generic_nw_hydro	202BE068	2021	11	13	Redacted		online	
3359	SVCEA	existing_generic_nw_hydro	202BE068	2021	12	13	Redacted		online	
3360	SVCEA	blended	181BE020	2022	1	18	Redacted		online	
3361	SVCEA	blended	181BE020	2022	2	18	Redacted		online	
3362	SVCEA	blended	181BE020	2022	3	18	Redacted		online	
3363	SVCEA	blended	181BE020	2022	4	18	Redacted		online	
3364	SVCEA	blended	181BE020	2022	5	18	Redacted		online	
3365	SVCEA	blended	181BE020	2022	6	18	Redacted		online	
3366	SVCEA	blended	181BE020	2022	7	18	Redacted		online	
3367	SVCEA	blended	181BE020	2022	8	18	Redacted		online	
3368	SVCEA	blended	181BE020	2022	9	18	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3336	Redacted	Redacted	blended	1	unknown	unknown_2021_1	0%	1	#N/A
3337	Redacted	Redacted	blended	1	unknown	unknown_2021_2	0%	1	#N/A
3338	Redacted	Redacted	blended	1	unknown	unknown_2021_3	0%	1	#N/A
3339	Redacted	Redacted	blended	1	unknown	unknown_2021_4	0%	1	#N/A
3340	Redacted	Redacted	blended	1	unknown	unknown_2021_5	0%	1	#N/A
3341	Redacted	Redacted	blended	1	unknown	unknown_2021_6	0%	1	#N/A
3342	Redacted	Redacted	blended	1	unknown	unknown_2021_7	0%	1	#N/A
3343	Redacted	Redacted	blended	1	unknown	unknown_2021_8	0%	1	#N/A
3344	Redacted	Redacted	blended	1	unknown	unknown_2021_9	0%	1	#N/A
3345	Redacted	Redacted	blended	1	unknown	unknown_2021_10	0%	1	#N/A
3346	Redacted	Redacted	blended	1	unknown	unknown_2021_11	0%	1	#N/A
3347	Redacted	Redacted	blended	1	unknown	unknown_2021_12	0%	1	#N/A
3348	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	60%	1	#N/A
3349	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	70%	1	#N/A
3350	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	73%	1	#N/A
3351	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	72%	1	#N/A
3352	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	69%	1	#N/A
3353	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	74%	1	#N/A
3354	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	73%	1	#N/A
3355	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	72%	1	#N/A
3356	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	71%	1	#N/A
3357	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	64%	1	#N/A
3358	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	56%	1	#N/A
3359	Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	64%	1	#N/A
3360	Redacted	Redacted	blended	1	unknown	unknown_2022_1	0%	1	#N/A
3361	Redacted	Redacted	blended	1	unknown	unknown_2022_2	0%	1	#N/A
3362	Redacted	Redacted	blended	1	unknown	unknown_2022_3	0%	1	#N/A
3363	Redacted	Redacted	blended	1	unknown	unknown_2022_4	0%	1	#N/A
3364	Redacted	Redacted	blended	1	unknown	unknown_2022_5	0%	1	#N/A
3365	Redacted	Redacted	blended	1	unknown	unknown_2022_6	0%	1	#N/A
3366	Redacted	Redacted	blended	1	unknown	unknown_2022_7	0%	1	#N/A
3367	Redacted	Redacted	blended	1	unknown	unknown_2022_8	0%	1	#N/A
3368	Redacted	Redacted	blended	1	unknown	unknown_2022_9	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3336	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3337	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3338	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3339	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3340	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3341	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3342	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3343	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3344	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3345	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3346	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3347	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3348	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3349	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3350	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3351	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3352	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3353	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3354	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3355	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3356	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3357	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3358	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3359	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3360	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3361	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3362	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3363	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3364	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3365	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3366	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3367	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3368	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3336	1	140	1	1	1	1	1	1	1	1
3337	0	0	1	1	1	1	1	1	1	1
3338	0	0	1	1	1	1	1	1	1	1
3339	0	0	1	1	1	1	1	1	1	1
3340	0	0	1	1	1	1	1	1	1	1
3341	0	0	1	1	1	1	1	1	1	1
3342	0	0	1	1	1	1	1	1	1	1
3343	0	0	1	1	1	1	1	1	1	1
3344	0	0	1	1	1	1	1	1	1	1
3345	0	0	1	1	1	1	1	1	1	1
3346	0	0	1	1	1	1	1	1	1	1
3347	0	0	1	1	1	1	1	1	1	1
3348	1	141	1	1	1	1	1	1	1	1
3349	0	0	1	1	1	1	1	1	1	1
3350	0	0	1	1	1	1	1	1	1	1
3351	0	0	1	1	1	1	1	1	1	1
3352	0	0	1	1	1	1	1	1	1	1
3353	0	0	1	1	1	1	1	1	1	1
3354	0	0	1	1	1	1	1	1	1	1
3355	0	0	1	1	1	1	1	1	1	1
3356	0	0	1	1	1	1	1	1	1	1
3357	0	0	1	1	1	1	1	1	1	1
3358	0	0	1	1	1	1	1	1	1	1
3359	0	0	1	1	1	1	1	1	1	1
3360	0	0	1	1	1	1	1	1	1	1
3361	0	0	1	1	1	1	1	1	1	1
3362	0	0	1	1	1	1	1	1	1	1
3363	0	0	1	1	1	1	1	1	1	1
3364	0	0	1	1	1	1	1	1	1	1
3365	0	0	1	1	1	1	1	1	1	1
3366	0	0	1	1	1	1	1	1	1	1
3367	0	0	1	1	1	1	1	1	1	1
3368	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3369	SVCEA	blended	181BE020	2022	10	18	Redacted		online	
3370	SVCEA	blended	181BE020	2022	11	18	Redacted		online	
3371	SVCEA	blended	181BE020	2022	12	18	Redacted		online	
3372	SVCEA	blended	181BE020	2023	1	18	Redacted		online	
3373	SVCEA	blended	181BE020	2023	2	18	Redacted		online	
3374	SVCEA	blended	181BE020	2023	3	18	Redacted		online	
3375	SVCEA	blended	181BE020	2023	4	18	Redacted		online	
3376	SVCEA	blended	181BE020	2023	5	18	Redacted		online	
3377	SVCEA	blended	181BE020	2023	6	18	Redacted		online	
3378	SVCEA	blended	181BE020	2023	7	18	Redacted		online	
3379	SVCEA	blended	181BE020	2023	8	18	Redacted		online	
3380	SVCEA	blended	181BE020	2023	9	18	Redacted		online	
3381	SVCEA	blended	181BE020	2023	10	18	Redacted		online	
3382	SVCEA	blended	181BE020	2023	11	18	Redacted		online	
3383	SVCEA	blended	181BE020	2023	12	18	Redacted		online	
3384	SVCEA	blended	164BE003	2020	1	37	Redacted		online	
3385	SVCEA	blended	164BE003	2020	2	37	Redacted		online	
3386	SVCEA	blended	164BE003	2020	3	37	Redacted		online	
3387	SVCEA	blended	164BE003	2020	4	37	Redacted		online	
3388	SVCEA	blended	164BE003	2020	5	37	Redacted		online	
3389	SVCEA	blended	164BE003	2020	6	37	Redacted		online	
3390	SVCEA	blended	164BE003	2020	7	37	Redacted		online	
3391	SVCEA	blended	164BE003	2020	8	37	Redacted		online	
3392	SVCEA	blended	164BE003	2020	9	37	Redacted		online	
3393	SVCEA	blended	164BE003	2020	10	37	Redacted		online	
3394	SVCEA	blended	164BE003	2020	11	37	Redacted		online	
3395	SVCEA	blended	164BE003	2020	12	37	Redacted		online	
3396	SVCEA	blended	164BE003	2020	1	37	Redacted		online	
3397	SVCEA	blended	164BE003	2020	2	37	Redacted		online	
3398	SVCEA	blended	164BE003	2020	3	37	Redacted		online	
3399	SVCEA	blended	164BE003	2020	4	37	Redacted		online	
3400	SVCEA	blended	164BE003	2020	5	37	Redacted		online	
3401	SVCEA	blended	164BE003	2020	6	37	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3369	Redacted	Redacted	blended	1	unknown	unknown_2022_10	0%	1	#N/A
3370	Redacted	Redacted	blended	1	unknown	unknown_2022_11	0%	1	#N/A
3371	Redacted	Redacted	blended	1	unknown	unknown_2022_12	0%	1	#N/A
3372	Redacted	Redacted	blended	1	unknown	unknown_2023_1	0%	1	#N/A
3373	Redacted	Redacted	blended	1	unknown	unknown_2023_2	0%	1	#N/A
3374	Redacted	Redacted	blended	1	unknown	unknown_2023_3	0%	1	#N/A
3375	Redacted	Redacted	blended	1	unknown	unknown_2023_4	0%	1	#N/A
3376	Redacted	Redacted	blended	1	unknown	unknown_2023_5	0%	1	#N/A
3377	Redacted	Redacted	blended	1	unknown	unknown_2023_6	0%	1	#N/A
3378	Redacted	Redacted	blended	1	unknown	unknown_2023_7	0%	1	#N/A
3379	Redacted	Redacted	blended	1	unknown	unknown_2023_8	0%	1	#N/A
3380	Redacted	Redacted	blended	1	unknown	unknown_2023_9	0%	1	#N/A
3381	Redacted	Redacted	blended	1	unknown	unknown_2023_10	0%	1	#N/A
3382	Redacted	Redacted	blended	1	unknown	unknown_2023_11	0%	1	#N/A
3383	Redacted	Redacted	blended	1	unknown	unknown_2023_12	0%	1	#N/A
3384	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3385	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3386	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3387	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3388	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3389	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3390	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3391	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3392	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3393	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3394	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3395	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3396	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3397	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3398	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3399	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3400	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3401	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3369	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3370	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3371	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3372	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3373	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3374	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3375	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3376	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3377	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3378	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3379	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3380	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3381	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3382	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3383	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3384	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3385	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3386	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3387	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3388	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3389	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3390	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3391	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3392	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3393	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3394	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3395	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3396	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3397	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3398	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3399	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3400	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3401	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3369	0	0	1	1	1	1	1	1	1	1
3370	0	0	1	1	1	1	1	1	1	1
3371	0	0	1	1	1	1	1	1	1	1
3372	0	0	1	1	1	1	1	1	1	1
3373	0	0	1	1	1	1	1	1	1	1
3374	0	0	1	1	1	1	1	1	1	1
3375	0	0	1	1	1	1	1	1	1	1
3376	0	0	1	1	1	1	1	1	1	1
3377	0	0	1	1	1	1	1	1	1	1
3378	0	0	1	1	1	1	1	1	1	1
3379	0	0	1	1	1	1	1	1	1	1
3380	0	0	1	1	1	1	1	1	1	1
3381	0	0	1	1	1	1	1	1	1	1
3382	0	0	1	1	1	1	1	1	1	1
3383	0	0	1	1	1	1	1	1	1	1
3384	1	142	1	1	1	1	1	1	1	1
3385	0	0	1	1	1	1	1	1	1	1
3386	0	0	1	1	1	1	1	1	1	1
3387	0	0	1	1	1	1	1	1	1	1
3388	0	0	1	1	1	1	1	1	1	1
3389	0	0	1	1	1	1	1	1	1	1
3390	0	0	1	1	1	1	1	1	1	1
3391	0	0	1	1	1	1	1	1	1	1
3392	0	0	1	1	1	1	1	1	1	1
3393	0	0	1	1	1	1	1	1	1	1
3394	0	0	1	1	1	1	1	1	1	1
3395	0	0	1	1	1	1	1	1	1	1
3396	0	0	1	1	1	1	1	1	1	1
3397	0	0	1	1	1	1	1	1	1	1
3398	0	0	1	1	1	1	1	1	1	1
3399	0	0	1	1	1	1	1	1	1	1
3400	0	0	1	1	1	1	1	1	1	1
3401	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3402	SVCEA	blended	164BE003	2020	7	37	Redacted		online	
3403	SVCEA	blended	164BE003	2020	8	37	Redacted		online	
3404	SVCEA	blended	164BE003	2020	9	37	Redacted		online	
3405	SVCEA	blended	164BE003	2020	10	37	Redacted		online	
3406	SVCEA	blended	164BE003	2020	11	37	Redacted		online	
3407	SVCEA	blended	164BE003	2020	12	37	Redacted		online	
3408	SVCEA	blended	181BE020	2020	1	18	Redacted		online	
3409	SVCEA	blended	181BE020	2020	2	18	Redacted		online	
3410	SVCEA	blended	181BE020	2020	3	18	Redacted		online	
3411	SVCEA	blended	181BE020	2020	4	18	Redacted		online	
3412	SVCEA	blended	181BE020	2020	5	18	Redacted		online	
3413	SVCEA	blended	181BE020	2020	6	18	Redacted		online	
3414	SVCEA	blended	181BE020	2020	7	18	Redacted		online	
3415	SVCEA	blended	181BE020	2020	8	18	Redacted		online	
3416	SVCEA	blended	181BE020	2020	9	18	Redacted		online	
3417	SVCEA	blended	181BE020	2020	10	18	Redacted		online	
3418	SVCEA	blended	181BE020	2020	11	18	Redacted		online	
3419	SVCEA	blended	181BE020	2020	12	18	Redacted		online	
3420	SVCEA	blended	164BE004	2020	1	29	Redacted		online	
3421	SVCEA	blended	164BE004	2020	2	29	Redacted		online	
3422	SVCEA	blended	164BE004	2020	3	29	Redacted		online	
3423	SVCEA	blended	164BE004	2020	4	29	Redacted		online	
3424	SVCEA	blended	164BE004	2020	5	29	Redacted		online	
3425	SVCEA	blended	164BE004	2020	6	29	Redacted		online	
3426	SVCEA	blended	164BE004	2020	7	29	Redacted		online	
3427	SVCEA	blended	164BE004	2020	8	29	Redacted		online	
3428	SVCEA	blended	164BE004	2020	9	29	Redacted		online	
3429	SVCEA	blended	164BE004	2020	10	29	Redacted		online	
3430	SVCEA	blended	164BE004	2020	11	29	Redacted		online	
3431	SVCEA	blended	164BE004	2020	12	29	Redacted		online	
3432	SVCEA	blended	181BE019	2020	1	13	Redacted		online	
3433	SVCEA	blended	181BE019	2020	2	13	Redacted		online	
3434	SVCEA	blended	181BE019	2020	3	13	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3402	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3403	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3404	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3405	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3406	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3407	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3408	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3409	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3410	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3411	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3412	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3413	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3414	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3415	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3416	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3417	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3418	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3419	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3420	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3421	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3422	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3423	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3424	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3425	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3426	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3427	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3428	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3429	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3430	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3431	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3432	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3433	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3434	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3402	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3403	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3404	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3405	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3406	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3407	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3408	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3409	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3410	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3411	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3412	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3413	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3414	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3415	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3416	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3417	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3418	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3419	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3420	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3421	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3422	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3423	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3424	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3425	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3426	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3427	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3428	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3429	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3430	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3431	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3432	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3433	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3434	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3402	0	0	1	1	1	1	1	1	1	1
3403	0	0	1	1	1	1	1	1	1	1
3404	0	0	1	1	1	1	1	1	1	1
3405	0	0	1	1	1	1	1	1	1	1
3406	0	0	1	1	1	1	1	1	1	1
3407	0	0	1	1	1	1	1	1	1	1
3408	0	0	1	1	1	1	1	1	1	1
3409	0	0	1	1	1	1	1	1	1	1
3410	0	0	1	1	1	1	1	1	1	1
3411	0	0	1	1	1	1	1	1	1	1
3412	0	0	1	1	1	1	1	1	1	1
3413	0	0	1	1	1	1	1	1	1	1
3414	0	0	1	1	1	1	1	1	1	1
3415	0	0	1	1	1	1	1	1	1	1
3416	0	0	1	1	1	1	1	1	1	1
3417	0	0	1	1	1	1	1	1	1	1
3418	0	0	1	1	1	1	1	1	1	1
3419	0	0	1	1	1	1	1	1	1	1
3420	1	143	1	1	1	1	1	1	1	1
3421	0	0	1	1	1	1	1	1	1	1
3422	0	0	1	1	1	1	1	1	1	1
3423	0	0	1	1	1	1	1	1	1	1
3424	0	0	1	1	1	1	1	1	1	1
3425	0	0	1	1	1	1	1	1	1	1
3426	0	0	1	1	1	1	1	1	1	1
3427	0	0	1	1	1	1	1	1	1	1
3428	0	0	1	1	1	1	1	1	1	1
3429	0	0	1	1	1	1	1	1	1	1
3430	0	0	1	1	1	1	1	1	1	1
3431	0	0	1	1	1	1	1	1	1	1
3432	1	144	1	1	1	1	1	1	1	1
3433	0	0	1	1	1	1	1	1	1	1
3434	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3435	SVCEA	blended	181BE019	2020	4	13	Redacted		online	
3436	SVCEA	blended	181BE019	2020	5	13	Redacted		online	
3437	SVCEA	blended	181BE019	2020	6	13	Redacted		online	
3438	SVCEA	blended	181BE019	2020	7	13	Redacted		online	
3439	SVCEA	blended	181BE019	2020	8	13	Redacted		online	
3440	SVCEA	blended	181BE019	2020	9	13	Redacted		online	
3441	SVCEA	blended	181BE019	2020	10	13	Redacted		online	
3442	SVCEA	blended	181BE019	2020	11	13	Redacted		online	
3443	SVCEA	blended	181BE019	2020	12	13	Redacted		online	
3444	SVCEA	blended	201BE059	2020	1	14	Redacted		online	
3445	SVCEA	blended	201BE059	2020	2	14	Redacted		online	
3446	SVCEA	blended	201BE059	2020	3	14	Redacted		online	
3447	SVCEA	blended	201BE059	2020	4	14	Redacted		online	
3448	SVCEA	blended	201BE059	2020	5	14	Redacted		online	
3449	SVCEA	blended	201BE059	2020	6	14	Redacted		online	
3450	SVCEA	blended	201BE059	2020	7	14	Redacted		online	
3451	SVCEA	blended	201BE059	2020	8	14	Redacted		online	
3452	SVCEA	blended	201BE059	2020	9	14	Redacted		online	
3453	SVCEA	blended	201BE059	2020	10	14	Redacted		online	
3454	SVCEA	blended	201BE059	2020	11	14	Redacted		online	
3455	SVCEA	blended	201BE059	2020	12	14	Redacted		online	
3456	SVCEA	blended	201BE059	2020	1	0	Redacted		online	
3457	SVCEA	blended	201BE059	2020	2	0	Redacted		online	
3458	SVCEA	blended	201BE059	2020	3	0	Redacted		online	
3459	SVCEA	blended	201BE059	2020	4	0	Redacted		online	
3460	SVCEA	blended	201BE059	2020	5	0	Redacted		online	
3461	SVCEA	blended	201BE059	2020	6	0	Redacted		online	
3462	SVCEA	blended	201BE059	2020	7	0	Redacted		online	
3463	SVCEA	blended	201BE059	2020	8	0	Redacted		online	
3464	SVCEA	blended	201BE059	2020	9	0	Redacted		online	
3465	SVCEA	blended	201BE059	2020	10	0	Redacted		online	
3466	SVCEA	blended	201BE059	2020	11	0	Redacted		online	
3467	SVCEA	blended	201BE059	2020	12	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3435	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3436	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3437	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3438	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3439	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3440	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3441	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3442	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3443	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3444	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3445	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3446	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3447	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3448	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3449	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3450	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3451	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3452	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3453	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3454	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3455	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3456	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3457	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3458	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3459	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3460	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3461	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3462	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3463	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3464	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3465	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3466	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3467	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3435	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3436	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3437	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3438	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3439	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3440	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3441	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3442	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3443	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3444	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3445	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3446	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3447	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3448	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3449	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3450	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3451	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3452	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3453	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3454	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3455	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3456	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3457	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3458	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3459	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3460	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3461	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3462	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3463	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3464	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3465	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3466	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3467	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3435	0	0	1	1	1	1	1	1	1	1
3436	0	0	1	1	1	1	1	1	1	1
3437	0	0	1	1	1	1	1	1	1	1
3438	0	0	1	1	1	1	1	1	1	1
3439	0	0	1	1	1	1	1	1	1	1
3440	0	0	1	1	1	1	1	1	1	1
3441	0	0	1	1	1	1	1	1	1	1
3442	0	0	1	1	1	1	1	1	1	1
3443	0	0	1	1	1	1	1	1	1	1
3444	1	145	1	1	1	1	1	1	1	1
3445	0	0	1	1	1	1	1	1	1	1
3446	0	0	1	1	1	1	1	1	1	1
3447	0	0	1	1	1	1	1	1	1	1
3448	0	0	1	1	1	1	1	1	1	1
3449	0	0	1	1	1	1	1	1	1	1
3450	0	0	1	1	1	1	1	1	1	1
3451	0	0	1	1	1	1	1	1	1	1
3452	0	0	1	1	1	1	1	1	1	1
3453	0	0	1	1	1	1	1	1	1	1
3454	0	0	1	1	1	1	1	1	1	1
3455	0	0	1	1	1	1	1	1	1	1
3456	1	146	1	1	1	1	1	1	1	1
3457	0	0	1	1	1	1	1	1	1	1
3458	0	0	1	1	1	1	1	1	1	1
3459	0	0	1	1	1	1	1	1	1	1
3460	0	0	1	1	1	1	1	1	1	1
3461	0	0	1	1	1	1	1	1	1	1
3462	0	0	1	1	1	1	1	1	1	1
3463	0	0	1	1	1	1	1	1	1	1
3464	0	0	1	1	1	1	1	1	1	1
3465	0	0	1	1	1	1	1	1	1	1
3466	0	0	1	1	1	1	1	1	1	1
3467	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3468	SVCEA	blended	201BE059	2020	1	0	Redacted		online	
3469	SVCEA	blended	201BE059	2020	2	0	Redacted		online	
3470	SVCEA	blended	201BE059	2020	3	0	Redacted		online	
3471	SVCEA	blended	201BE059	2020	4	0	Redacted		online	
3472	SVCEA	blended	201BE059	2020	5	0	Redacted		online	
3473	SVCEA	blended	201BE059	2020	6	0	Redacted		online	
3474	SVCEA	blended	201BE059	2020	7	0	Redacted		online	
3475	SVCEA	blended	201BE059	2020	8	0	Redacted		online	
3476	SVCEA	blended	201BE059	2020	9	0	Redacted		online	
3477	SVCEA	blended	201BE059	2020	10	0	Redacted		online	
3478	SVCEA	blended	201BE059	2020	11	0	Redacted		online	
3479	SVCEA	blended	201BE059	2020	12	0	Redacted		online	
3480	SVCEA	blended	201BE059	2020	1	2	Redacted		online	
3481	SVCEA	blended	201BE059	2020	2	2	Redacted		online	
3482	SVCEA	blended	201BE059	2020	3	2	Redacted		online	
3483	SVCEA	blended	201BE059	2020	4	2	Redacted		online	
3484	SVCEA	blended	201BE059	2020	5	2	Redacted		online	
3485	SVCEA	blended	201BE059	2020	6	2	Redacted		online	
3486	SVCEA	blended	201BE059	2020	7	2	Redacted		online	
3487	SVCEA	blended	201BE059	2020	8	2	Redacted		online	
3488	SVCEA	blended	201BE059	2020	9	2	Redacted		online	
3489	SVCEA	blended	201BE059	2020	10	2	Redacted		online	
3490	SVCEA	blended	201BE059	2020	11	2	Redacted		online	
3491	SVCEA	blended	201BE059	2020	12	2	Redacted		online	
3492	SVCEA	blended	201BE061	2020	1	10	Redacted		online	
3493	SVCEA	blended	201BE061	2020	2	10	Redacted		online	
3494	SVCEA	blended	201BE061	2020	3	10	Redacted		online	
3495	SVCEA	blended	201BE061	2020	4	10	Redacted		online	
3496	SVCEA	blended	201BE061	2020	5	10	Redacted		online	
3497	SVCEA	blended	201BE061	2020	6	10	Redacted		online	
3498	SVCEA	blended	201BE061	2020	7	10	Redacted		online	
3499	SVCEA	blended	201BE061	2020	8	10	Redacted		online	
3500	SVCEA	blended	201BE061	2020	9	10	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3468	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3469	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3470	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3471	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3472	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3473	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3474	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3475	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3476	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3477	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3478	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3479	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3480	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3481	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3482	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3483	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3484	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3485	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3486	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3487	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3488	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3489	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3490	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3491	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3492	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3493	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3494	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3495	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3496	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3497	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3498	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3499	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3500	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3468	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3469	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3470	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3471	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3472	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3473	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3474	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3475	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3476	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3477	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3478	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3479	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3480	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3481	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3482	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3483	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3484	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3485	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3486	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3487	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3488	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3489	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3490	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3491	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3492	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3493	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3494	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3495	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3496	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3497	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3498	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3499	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3500	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3468	1	147	1	1	1	1	1	1	1	1
3469	0	0	1	1	1	1	1	1	1	1
3470	0	0	1	1	1	1	1	1	1	1
3471	0	0	1	1	1	1	1	1	1	1
3472	0	0	1	1	1	1	1	1	1	1
3473	0	0	1	1	1	1	1	1	1	1
3474	0	0	1	1	1	1	1	1	1	1
3475	0	0	1	1	1	1	1	1	1	1
3476	0	0	1	1	1	1	1	1	1	1
3477	0	0	1	1	1	1	1	1	1	1
3478	0	0	1	1	1	1	1	1	1	1
3479	0	0	1	1	1	1	1	1	1	1
3480	1	148	1	1	1	1	1	1	1	1
3481	0	0	1	1	1	1	1	1	1	1
3482	0	0	1	1	1	1	1	1	1	1
3483	0	0	1	1	1	1	1	1	1	1
3484	0	0	1	1	1	1	1	1	1	1
3485	0	0	1	1	1	1	1	1	1	1
3486	0	0	1	1	1	1	1	1	1	1
3487	0	0	1	1	1	1	1	1	1	1
3488	0	0	1	1	1	1	1	1	1	1
3489	0	0	1	1	1	1	1	1	1	1
3490	0	0	1	1	1	1	1	1	1	1
3491	0	0	1	1	1	1	1	1	1	1
3492	1	149	1	1	1	1	1	1	1	1
3493	0	0	1	1	1	1	1	1	1	1
3494	0	0	1	1	1	1	1	1	1	1
3495	0	0	1	1	1	1	1	1	1	1
3496	0	0	1	1	1	1	1	1	1	1
3497	0	0	1	1	1	1	1	1	1	1
3498	0	0	1	1	1	1	1	1	1	1
3499	0	0	1	1	1	1	1	1	1	1
3500	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3501	SVCEA	blended	201BE061	2020	10	10	Redacted		online	
3502	SVCEA	blended	201BE061	2020	11	10	Redacted		online	
3503	SVCEA	blended	201BE061	2020	12	10	Redacted		online	
3504	SVCEA	blended	201BE061	2020	1	0	Redacted		online	
3505	SVCEA	blended	201BE061	2020	2	0	Redacted		online	
3506	SVCEA	blended	201BE061	2020	3	0	Redacted		online	
3507	SVCEA	blended	201BE061	2020	4	0	Redacted		online	
3508	SVCEA	blended	201BE061	2020	5	0	Redacted		online	
3509	SVCEA	blended	201BE061	2020	6	0	Redacted		online	
3510	SVCEA	blended	201BE061	2020	7	0	Redacted		online	
3511	SVCEA	blended	201BE061	2020	8	0	Redacted		online	
3512	SVCEA	blended	201BE061	2020	9	0	Redacted		online	
3513	SVCEA	blended	201BE061	2020	10	0	Redacted		online	
3514	SVCEA	blended	201BE061	2020	11	0	Redacted		online	
3515	SVCEA	blended	201BE061	2020	12	0	Redacted		online	
3516	SVCEA	blended	201BE061	2020	1	1	Redacted		online	
3517	SVCEA	blended	201BE061	2020	2	1	Redacted		online	
3518	SVCEA	blended	201BE061	2020	3	1	Redacted		online	
3519	SVCEA	blended	201BE061	2020	4	1	Redacted		online	
3520	SVCEA	blended	201BE061	2020	5	1	Redacted		online	
3521	SVCEA	blended	201BE061	2020	6	1	Redacted		online	
3522	SVCEA	blended	201BE061	2020	7	1	Redacted		online	
3523	SVCEA	blended	201BE061	2020	8	1	Redacted		online	
3524	SVCEA	blended	201BE061	2020	9	1	Redacted		online	
3525	SVCEA	blended	201BE061	2020	10	1	Redacted		online	
3526	SVCEA	blended	201BE061	2020	11	1	Redacted		online	
3527	SVCEA	blended	201BE061	2020	12	1	Redacted		online	
3528	SVCEA	blended	201BE059	2020	1	0	Redacted		online	
3529	SVCEA	blended	201BE059	2020	2	0	Redacted		online	
3530	SVCEA	blended	201BE059	2020	3	0	Redacted		online	
3531	SVCEA	blended	201BE059	2020	4	0	Redacted		online	
3532	SVCEA	blended	201BE059	2020	5	0	Redacted		online	
3533	SVCEA	blended	201BE059	2020	6	0	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3501	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3502	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3503	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3504	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3505	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3506	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3507	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3508	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3509	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3510	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3511	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3512	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3513	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3514	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3515	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3516	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3517	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3518	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3519	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3520	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3521	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3522	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3523	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3524	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3525	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3526	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3527	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3528	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3529	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3530	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3531	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3532	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3533	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3501	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3502	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3503	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3504	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3505	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3506	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3507	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3508	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3509	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3510	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3511	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3512	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3513	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3514	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3515	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3516	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3517	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3518	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3519	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3520	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3521	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3522	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3523	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3524	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3525	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3526	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3527	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3528	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3529	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3530	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3531	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3532	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3533	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3501	0	0	1	1	1	1	1	1	1	1
3502	0	0	1	1	1	1	1	1	1	1
3503	0	0	1	1	1	1	1	1	1	1
3504	1	150	1	1	1	1	1	1	1	1
3505	0	0	1	1	1	1	1	1	1	1
3506	0	0	1	1	1	1	1	1	1	1
3507	0	0	1	1	1	1	1	1	1	1
3508	0	0	1	1	1	1	1	1	1	1
3509	0	0	1	1	1	1	1	1	1	1
3510	0	0	1	1	1	1	1	1	1	1
3511	0	0	1	1	1	1	1	1	1	1
3512	0	0	1	1	1	1	1	1	1	1
3513	0	0	1	1	1	1	1	1	1	1
3514	0	0	1	1	1	1	1	1	1	1
3515	0	0	1	1	1	1	1	1	1	1
3516	1	151	1	1	1	1	1	1	1	1
3517	0	0	1	1	1	1	1	1	1	1
3518	0	0	1	1	1	1	1	1	1	1
3519	0	0	1	1	1	1	1	1	1	1
3520	0	0	1	1	1	1	1	1	1	1
3521	0	0	1	1	1	1	1	1	1	1
3522	0	0	1	1	1	1	1	1	1	1
3523	0	0	1	1	1	1	1	1	1	1
3524	0	0	1	1	1	1	1	1	1	1
3525	0	0	1	1	1	1	1	1	1	1
3526	0	0	1	1	1	1	1	1	1	1
3527	0	0	1	1	1	1	1	1	1	1
3528	1	152	1	1	1	1	1	1	1	1
3529	0	0	1	1	1	1	1	1	1	1
3530	0	0	1	1	1	1	1	1	1	1
3531	0	0	1	1	1	1	1	1	1	1
3532	0	0	1	1	1	1	1	1	1	1
3533	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3534	SVCEA	blended	201BE059	2020	7	0	Redacted		online	
3535	SVCEA	blended	201BE059	2020	8	0	Redacted		online	
3536	SVCEA	blended	201BE059	2020	9	0	Redacted		online	
3537	SVCEA	blended	201BE059	2020	10	0	Redacted		online	
3538	SVCEA	blended	201BE059	2020	11	0	Redacted		online	
3539	SVCEA	blended	201BE059	2020	12	0	Redacted		online	
3540	SVCEA	blended	201BE059	2020	1	0	Redacted		online	
3541	SVCEA	blended	201BE059	2020	2	0	Redacted		online	
3542	SVCEA	blended	201BE059	2020	3	0	Redacted		online	
3543	SVCEA	blended	201BE059	2020	4	0	Redacted		online	
3544	SVCEA	blended	201BE059	2020	5	0	Redacted		online	
3545	SVCEA	blended	201BE059	2020	6	0	Redacted		online	
3546	SVCEA	blended	201BE059	2020	7	0	Redacted		online	
3547	SVCEA	blended	201BE059	2020	8	0	Redacted		online	
3548	SVCEA	blended	201BE059	2020	9	0	Redacted		online	
3549	SVCEA	blended	201BE059	2020	10	0	Redacted		online	
3550	SVCEA	blended	201BE059	2020	11	0	Redacted		online	
3551	SVCEA	blended	201BE059	2020	12	0	Redacted		online	
3552	SVCEA	blended	201BE061	2020	1	0	Redacted		online	
3553	SVCEA	blended	201BE061	2020	2	0	Redacted		online	
3554	SVCEA	blended	201BE061	2020	3	0	Redacted		online	
3555	SVCEA	blended	201BE061	2020	4	0	Redacted		online	
3556	SVCEA	blended	201BE061	2020	5	0	Redacted		online	
3557	SVCEA	blended	201BE061	2020	6	0	Redacted		online	
3558	SVCEA	blended	201BE061	2020	7	0	Redacted		online	
3559	SVCEA	blended	201BE061	2020	8	0	Redacted		online	
3560	SVCEA	blended	201BE061	2020	9	0	Redacted		online	
3561	SVCEA	blended	201BE061	2020	10	0	Redacted		online	
3562	SVCEA	blended	201BE061	2020	11	0	Redacted		online	
3563	SVCEA	blended	201BE061	2020	12	0	Redacted		online	
3564	SVCEA	blended	201BE061	2020	1	1	Redacted		online	
3565	SVCEA	blended	201BE061	2020	2	1	Redacted		online	
3566	SVCEA	blended	201BE061	2020	3	1	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3534	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3535	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3536	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3537	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3538	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3539	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3540	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3541	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3542	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3543	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3544	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3545	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3546	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3547	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3548	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3549	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3550	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3551	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3552	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3553	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3554	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3555	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3556	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3557	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3558	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3559	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3560	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3561	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3562	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3563	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3564	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3565	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3566	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3534	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3535	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3536	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3537	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3538	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3539	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3540	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3541	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3542	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3543	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3544	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3545	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3546	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3547	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3548	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3549	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3550	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3551	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3552	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3553	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3554	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3555	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3556	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3557	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3558	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3559	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3560	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3561	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3562	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3563	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3564	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3565	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3566	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3534	0	0	1	1	1	1	1	1	1	1
3535	0	0	1	1	1	1	1	1	1	1
3536	0	0	1	1	1	1	1	1	1	1
3537	0	0	1	1	1	1	1	1	1	1
3538	0	0	1	1	1	1	1	1	1	1
3539	0	0	1	1	1	1	1	1	1	1
3540	1	153	1	1	1	1	1	1	1	1
3541	0	0	1	1	1	1	1	1	1	1
3542	0	0	1	1	1	1	1	1	1	1
3543	0	0	1	1	1	1	1	1	1	1
3544	0	0	1	1	1	1	1	1	1	1
3545	0	0	1	1	1	1	1	1	1	1
3546	0	0	1	1	1	1	1	1	1	1
3547	0	0	1	1	1	1	1	1	1	1
3548	0	0	1	1	1	1	1	1	1	1
3549	0	0	1	1	1	1	1	1	1	1
3550	0	0	1	1	1	1	1	1	1	1
3551	0	0	1	1	1	1	1	1	1	1
3552	1	154	1	1	1	1	1	1	1	1
3553	0	0	1	1	1	1	1	1	1	1
3554	0	0	1	1	1	1	1	1	1	1
3555	0	0	1	1	1	1	1	1	1	1
3556	0	0	1	1	1	1	1	1	1	1
3557	0	0	1	1	1	1	1	1	1	1
3558	0	0	1	1	1	1	1	1	1	1
3559	0	0	1	1	1	1	1	1	1	1
3560	0	0	1	1	1	1	1	1	1	1
3561	0	0	1	1	1	1	1	1	1	1
3562	0	0	1	1	1	1	1	1	1	1
3563	0	0	1	1	1	1	1	1	1	1
3564	1	155	1	1	1	1	1	1	1	1
3565	0	0	1	1	1	1	1	1	1	1
3566	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3567	SVCEA	blended	201BE061	2020	4	1	Redacted		online	
3568	SVCEA	blended	201BE061	2020	5	1	Redacted		online	
3569	SVCEA	blended	201BE061	2020	6	1	Redacted		online	
3570	SVCEA	blended	201BE061	2020	7	1	Redacted		online	
3571	SVCEA	blended	201BE061	2020	8	1	Redacted		online	
3572	SVCEA	blended	201BE061	2020	9	1	Redacted		online	
3573	SVCEA	blended	201BE061	2020	10	1	Redacted		online	
3574	SVCEA	blended	201BE061	2020	11	1	Redacted		online	
3575	SVCEA	blended	201BE061	2020	12	1	Redacted		online	
3576	SVCEA	blended	201BE061	2020	1	0	Redacted		online	
3577	SVCEA	blended	201BE061	2020	2	0	Redacted		online	
3578	SVCEA	blended	201BE061	2020	3	0	Redacted		online	
3579	SVCEA	blended	201BE061	2020	4	0	Redacted		online	
3580	SVCEA	blended	201BE061	2020	5	0	Redacted		online	
3581	SVCEA	blended	201BE061	2020	6	0	Redacted		online	
3582	SVCEA	blended	201BE061	2020	7	0	Redacted		online	
3583	SVCEA	blended	201BE061	2020	8	0	Redacted		online	
3584	SVCEA	blended	201BE061	2020	9	0	Redacted		online	
3585	SVCEA	blended	201BE061	2020	10	0	Redacted		online	
3586	SVCEA	blended	201BE061	2020	11	0	Redacted		online	
3587	SVCEA	blended	201BE061	2020	12	0	Redacted		online	
3588	SVCEA	blended	164BE003	2020	1	21	Redacted		online	
3589	SVCEA	blended	164BE003	2020	2	21	Redacted		online	
3590	SVCEA	blended	164BE003	2020	3	21	Redacted		online	
3591	SVCEA	blended	164BE003	2020	4	21	Redacted		online	
3592	SVCEA	blended	164BE003	2020	5	21	Redacted		online	
3593	SVCEA	blended	164BE003	2020	6	21	Redacted		online	
3594	SVCEA	blended	164BE003	2020	7	21	Redacted		online	
3595	SVCEA	blended	164BE003	2020	8	21	Redacted		online	
3596	SVCEA	blended	164BE003	2020	9	21	Redacted		online	
3597	SVCEA	blended	164BE003	2020	10	21	Redacted		online	
3598	SVCEA	blended	164BE003	2020	11	21	Redacted		online	
3599	SVCEA	blended	164BE003	2020	12	21	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3567	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3568	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3569	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3570	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3571	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3572	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3573	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3574	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3575	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3576	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3577	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3578	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3579	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3580	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3581	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3582	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3583	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3584	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3585	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3586	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3587	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3588	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3589	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3590	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3591	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3592	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3593	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3594	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3595	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3596	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3597	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3598	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3599	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3567	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3568	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3569	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3570	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3571	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3572	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3573	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3574	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3575	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3576	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3577	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3578	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3579	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3580	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3581	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3582	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3583	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3584	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3585	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3586	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3587	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3588	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3589	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3590	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3591	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3592	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3593	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3594	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3595	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3596	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3597	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3598	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3599	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3567	0	0	1	1	1	1	1	1	1	1
3568	0	0	1	1	1	1	1	1	1	1
3569	0	0	1	1	1	1	1	1	1	1
3570	0	0	1	1	1	1	1	1	1	1
3571	0	0	1	1	1	1	1	1	1	1
3572	0	0	1	1	1	1	1	1	1	1
3573	0	0	1	1	1	1	1	1	1	1
3574	0	0	1	1	1	1	1	1	1	1
3575	0	0	1	1	1	1	1	1	1	1
3576	1	156	1	1	1	1	1	1	1	1
3577	0	0	1	1	1	1	1	1	1	1
3578	0	0	1	1	1	1	1	1	1	1
3579	0	0	1	1	1	1	1	1	1	1
3580	0	0	1	1	1	1	1	1	1	1
3581	0	0	1	1	1	1	1	1	1	1
3582	0	0	1	1	1	1	1	1	1	1
3583	0	0	1	1	1	1	1	1	1	1
3584	0	0	1	1	1	1	1	1	1	1
3585	0	0	1	1	1	1	1	1	1	1
3586	0	0	1	1	1	1	1	1	1	1
3587	0	0	1	1	1	1	1	1	1	1
3588	1	157	1	1	1	1	1	1	1	1
3589	0	0	1	1	1	1	1	1	1	1
3590	0	0	1	1	1	1	1	1	1	1
3591	0	0	1	1	1	1	1	1	1	1
3592	0	0	1	1	1	1	1	1	1	1
3593	0	0	1	1	1	1	1	1	1	1
3594	0	0	1	1	1	1	1	1	1	1
3595	0	0	1	1	1	1	1	1	1	1
3596	0	0	1	1	1	1	1	1	1	1
3597	0	0	1	1	1	1	1	1	1	1
3598	0	0	1	1	1	1	1	1	1	1
3599	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3600	SVCEA	blended	164BE005	2020	1	5	Redacted		online	
3601	SVCEA	blended	164BE005	2020	2	5	Redacted		online	
3602	SVCEA	blended	164BE005	2020	3	5	Redacted		online	
3603	SVCEA	blended	164BE005	2020	4	5	Redacted		online	
3604	SVCEA	blended	164BE005	2020	5	5	Redacted		online	
3605	SVCEA	blended	164BE005	2020	6	5	Redacted		online	
3606	SVCEA	blended	164BE005	2020	7	5	Redacted		online	
3607	SVCEA	blended	164BE005	2020	8	5	Redacted		online	
3608	SVCEA	blended	164BE005	2020	9	5	Redacted		online	
3609	SVCEA	blended	164BE005	2020	10	5	Redacted		online	
3610	SVCEA	blended	164BE005	2020	11	5	Redacted		online	
3611	SVCEA	blended	164BE005	2020	12	5	Redacted		online	
3612	SVCEA	blended	164BE007	2020	1	13	Redacted		online	
3613	SVCEA	blended	164BE007	2020	2	13	Redacted		online	
3614	SVCEA	blended	164BE007	2020	3	13	Redacted		online	
3615	SVCEA	blended	164BE007	2020	4	13	Redacted		online	
3616	SVCEA	blended	164BE007	2020	5	13	Redacted		online	
3617	SVCEA	blended	164BE007	2020	6	13	Redacted		online	
3618	SVCEA	blended	164BE007	2020	7	13	Redacted		online	
3619	SVCEA	blended	164BE007	2020	8	13	Redacted		online	
3620	SVCEA	blended	164BE007	2020	9	13	Redacted		online	
3621	SVCEA	blended	164BE007	2020	10	13	Redacted		online	
3622	SVCEA	blended	164BE007	2020	11	13	Redacted		online	
3623	SVCEA	blended	164BE007	2020	12	13	Redacted		online	
3624	SVCEA	transfer_purchase	182BE021	2020	1	33	Redacted		online	
3625	SVCEA	transfer_purchase	182BE021	2020	2	33	Redacted		online	
3626	SVCEA	transfer_purchase	182BE021	2020	3	33	Redacted		online	
3627	SVCEA	transfer_purchase	182BE021	2020	4	33	Redacted		online	
3628	SVCEA	transfer_purchase	182BE021	2020	5	33	Redacted		online	
3629	SVCEA	transfer_purchase	182BE021	2020	6	33	Redacted		online	
3630	SVCEA	transfer_purchase	182BE021	2020	7	33	Redacted		online	
3631	SVCEA	transfer_purchase	182BE021	2020	8	33	Redacted		online	
3632	SVCEA	transfer_purchase	182BE021	2020	9	33	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3600	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3601	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3602	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3603	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3604	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3605	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3606	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3607	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3608	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3609	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3610	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3611	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3612	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3613	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3614	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3615	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3616	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3617	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3618	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3619	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3620	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3621	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3622	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3623	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3624	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_1	0%	1	#N/A
3625	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_2	0%	1	#N/A
3626	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_3	0%	1	#N/A
3627	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_4	0%	1	#N/A
3628	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_5	0%	1	#N/A
3629	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_6	0%	1	#N/A
3630	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_7	0%	1	#N/A
3631	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0%	1	#N/A
3632	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_9	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3600	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3601	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3602	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3603	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3604	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3605	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3606	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3607	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3608	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3609	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3610	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3611	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3612	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3613	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3614	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3615	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3616	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3617	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3618	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3619	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3620	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3621	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3622	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3623	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3624	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3625	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3626	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3627	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3628	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3629	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3630	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3631	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3632	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3600	1	158	1	1	1	1	1	1	1	1
3601	0	0	1	1	1	1	1	1	1	1
3602	0	0	1	1	1	1	1	1	1	1
3603	0	0	1	1	1	1	1	1	1	1
3604	0	0	1	1	1	1	1	1	1	1
3605	0	0	1	1	1	1	1	1	1	1
3606	0	0	1	1	1	1	1	1	1	1
3607	0	0	1	1	1	1	1	1	1	1
3608	0	0	1	1	1	1	1	1	1	1
3609	0	0	1	1	1	1	1	1	1	1
3610	0	0	1	1	1	1	1	1	1	1
3611	0	0	1	1	1	1	1	1	1	1
3612	1	159	1	1	1	1	1	1	1	1
3613	0	0	1	1	1	1	1	1	1	1
3614	0	0	1	1	1	1	1	1	1	1
3615	0	0	1	1	1	1	1	1	1	1
3616	0	0	1	1	1	1	1	1	1	1
3617	0	0	1	1	1	1	1	1	1	1
3618	0	0	1	1	1	1	1	1	1	1
3619	0	0	1	1	1	1	1	1	1	1
3620	0	0	1	1	1	1	1	1	1	1
3621	0	0	1	1	1	1	1	1	1	1
3622	0	0	1	1	1	1	1	1	1	1
3623	0	0	1	1	1	1	1	1	1	1
3624	1	160	1	1	1	1	1	1	1	1
3625	0	0	1	1	1	1	1	1	1	1
3626	0	0	1	1	1	1	1	1	1	1
3627	0	0	1	1	1	1	1	1	1	1
3628	0	0	1	1	1	1	1	1	1	1
3629	0	0	1	1	1	1	1	1	1	1
3630	0	0	1	1	1	1	1	1	1	1
3631	0	0	1	1	1	1	1	1	1	1
3632	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3633	SVCEA	transfer_purchase	182BE021	2020	10	33	Redacted		online	
3634	SVCEA	transfer_purchase	182BE021	2020	11	33	Redacted		online	
3635	SVCEA	transfer_purchase	182BE021	2020	12	33	Redacted		online	
3636	SVCEA	existing_generic_wind	191BE029	2020	1	15	Redacted		online	
3637	SVCEA	existing_generic_wind	191BE029	2020	2	15	Redacted		online	
3638	SVCEA	existing_generic_wind	191BE029	2020	3	15	Redacted		online	
3639	SVCEA	existing_generic_wind	191BE029	2020	4	15	Redacted		online	
3640	SVCEA	existing_generic_wind	191BE029	2020	5	15	Redacted		online	
3641	SVCEA	existing_generic_wind	191BE029	2020	6	15	Redacted		online	
3642	SVCEA	existing_generic_wind	191BE029	2020	7	15	Redacted		online	
3643	SVCEA	existing_generic_wind	191BE029	2020	8	15	Redacted		online	
3644	SVCEA	existing_generic_wind	191BE029	2020	9	15	Redacted		online	
3645	SVCEA	existing_generic_wind	191BE029	2020	10	15	Redacted		online	
3646	SVCEA	existing_generic_wind	191BE029	2020	11	15	Redacted		online	
3647	SVCEA	existing_generic_wind	191BE029	2020	12	15	Redacted		online	
3648	SVCEA	transfer_purchase	192BE038	2020	1	17	Redacted		online	
3649	SVCEA	transfer_purchase	192BE038	2020	2	17	Redacted		online	
3650	SVCEA	transfer_purchase	192BE038	2020	3	17	Redacted		online	
3651	SVCEA	transfer_purchase	192BE038	2020	4	17	Redacted		online	
3652	SVCEA	transfer_purchase	192BE038	2020	5	17	Redacted		online	
3653	SVCEA	transfer_purchase	192BE038	2020	6	17	Redacted		online	
3654	SVCEA	transfer_purchase	192BE038	2020	7	17	Redacted		online	
3655	SVCEA	transfer_purchase	192BE038	2020	8	17	Redacted		online	
3656	SVCEA	transfer_purchase	192BE038	2020	9	17	Redacted		online	
3657	SVCEA	transfer_purchase	192BE038	2020	10	17	Redacted		online	
3658	SVCEA	transfer_purchase	192BE038	2020	11	17	Redacted		online	
3659	SVCEA	transfer_purchase	192BE038	2020	12	17	Redacted		online	
3660	SVCEA	blended	192BE039	2020	1	4	Redacted		online	
3661	SVCEA	blended	192BE039	2020	2	4	Redacted		online	
3662	SVCEA	blended	192BE039	2020	3	4	Redacted		online	
3663	SVCEA	blended	192BE039	2020	4	4	Redacted		online	
3664	SVCEA	blended	192BE039	2020	5	4	Redacted		online	
3665	SVCEA	blended	192BE039	2020	6	4	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3633	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_10	0%	1	#N/A
3634	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_11	0%	1	#N/A
3635	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_12	0%	1	#N/A
3636	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_1	14%	1	#N/A
3637	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_2	12%	1	#N/A
3638	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_3	28%	1	#N/A
3639	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_4	25%	1	#N/A
3640	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_5	25%	1	#N/A
3641	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	33%	1	#N/A
3642	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_7	23%	1	#N/A
3643	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_8	21%	1	#N/A
3644	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_9	15%	1	#N/A
3645	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_10	8%	1	#N/A
3646	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_11	12%	1	#N/A
3647	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_12	13%	1	#N/A
3648	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_1	0%	1	#N/A
3649	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_2	0%	1	#N/A
3650	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_3	0%	1	#N/A
3651	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_4	0%	1	#N/A
3652	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_5	0%	1	#N/A
3653	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_6	0%	1	#N/A
3654	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_7	0%	1	#N/A
3655	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0%	1	#N/A
3656	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_9	0%	1	#N/A
3657	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_10	0%	1	#N/A
3658	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_11	0%	1	#N/A
3659	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_12	0%	1	#N/A
3660	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3661	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3662	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3663	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3664	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3665	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3633	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3634	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3635	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3636	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3637	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3638	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3639	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3640	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3641	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3642	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3643	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3644	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3645	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3646	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3647	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3648	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3649	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3650	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3651	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3652	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3653	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3654	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3655	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3656	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3657	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3658	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3659	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3660	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3661	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3662	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3663	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3664	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3665	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3633	0	0	1	1	1	1	1	1	1	1
3634	0	0	1	1	1	1	1	1	1	1
3635	0	0	1	1	1	1	1	1	1	1
3636	1	161	1	1	1	1	1	1	1	1
3637	0	0	1	1	1	1	1	1	1	1
3638	0	0	1	1	1	1	1	1	1	1
3639	0	0	1	1	1	1	1	1	1	1
3640	0	0	1	1	1	1	1	1	1	1
3641	0	0	1	1	1	1	1	1	1	1
3642	0	0	1	1	1	1	1	1	1	1
3643	0	0	1	1	1	1	1	1	1	1
3644	0	0	1	1	1	1	1	1	1	1
3645	0	0	1	1	1	1	1	1	1	1
3646	0	0	1	1	1	1	1	1	1	1
3647	0	0	1	1	1	1	1	1	1	1
3648	1	162	1	1	1	1	1	1	1	1
3649	0	0	1	1	1	1	1	1	1	1
3650	0	0	1	1	1	1	1	1	1	1
3651	0	0	1	1	1	1	1	1	1	1
3652	0	0	1	1	1	1	1	1	1	1
3653	0	0	1	1	1	1	1	1	1	1
3654	0	0	1	1	1	1	1	1	1	1
3655	0	0	1	1	1	1	1	1	1	1
3656	0	0	1	1	1	1	1	1	1	1
3657	0	0	1	1	1	1	1	1	1	1
3658	0	0	1	1	1	1	1	1	1	1
3659	0	0	1	1	1	1	1	1	1	1
3660	1	163	1	1	1	1	1	1	1	1
3661	0	0	1	1	1	1	1	1	1	1
3662	0	0	1	1	1	1	1	1	1	1
3663	0	0	1	1	1	1	1	1	1	1
3664	0	0	1	1	1	1	1	1	1	1
3665	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3666	SVCEA	blended	192BE039	2020	7	4	Redacted		online	
3667	SVCEA	blended	192BE039	2020	8	4	Redacted		online	
3668	SVCEA	blended	192BE039	2020	9	4	Redacted		online	
3669	SVCEA	blended	192BE039	2020	10	4	Redacted		online	
3670	SVCEA	blended	192BE039	2020	11	4	Redacted		online	
3671	SVCEA	blended	192BE039	2020	12	4	Redacted		online	
3672	SVCEA	blended	192BE041	2020	1	2	Redacted		online	
3673	SVCEA	blended	192BE041	2020	2	2	Redacted		online	
3674	SVCEA	blended	192BE041	2020	3	2	Redacted		online	
3675	SVCEA	blended	192BE041	2020	4	2	Redacted		online	
3676	SVCEA	blended	192BE041	2020	5	2	Redacted		online	
3677	SVCEA	blended	192BE041	2020	6	2	Redacted		online	
3678	SVCEA	blended	192BE041	2020	7	2	Redacted		online	
3679	SVCEA	blended	192BE041	2020	8	2	Redacted		online	
3680	SVCEA	blended	192BE041	2020	9	2	Redacted		online	
3681	SVCEA	blended	192BE041	2020	10	2	Redacted		online	
3682	SVCEA	blended	192BE041	2020	11	2	Redacted		online	
3683	SVCEA	blended	192BE041	2020	12	2	Redacted		online	
3684	SVCEA	transfer_purchase	194BE052	2020	1	43	Redacted		online	
3685	SVCEA	transfer_purchase	194BE052	2020	2	43	Redacted		online	
3686	SVCEA	transfer_purchase	194BE052	2020	3	43	Redacted		online	
3687	SVCEA	transfer_purchase	194BE052	2020	4	43	Redacted		online	
3688	SVCEA	transfer_purchase	194BE052	2020	5	43	Redacted		online	
3689	SVCEA	transfer_purchase	194BE052	2020	6	43	Redacted		online	
3690	SVCEA	transfer_purchase	194BE052	2020	7	43	Redacted		online	
3691	SVCEA	transfer_purchase	194BE052	2020	8	43	Redacted		online	
3692	SVCEA	transfer_purchase	194BE052	2020	9	43	Redacted		online	
3693	SVCEA	transfer_purchase	194BE052	2020	10	43	Redacted		online	
3694	SVCEA	transfer_purchase	194BE052	2020	11	43	Redacted		online	
3695	SVCEA	transfer_purchase	194BE052	2020	12	43	Redacted		online	
3696	SVCEA	transfer_purchase	201BE058	2020	1	10	Redacted		online	
3697	SVCEA	transfer_purchase	201BE058	2020	2	10	Redacted		online	
3698	SVCEA	transfer_purchase	201BE058	2020	3	10	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3666	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3667	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3668	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3669	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3670	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3671	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3672	Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1	#N/A
3673	Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1	#N/A
3674	Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1	#N/A
3675	Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1	#N/A
3676	Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1	#N/A
3677	Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1	#N/A
3678	Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1	#N/A
3679	Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1	#N/A
3680	Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1	#N/A
3681	Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1	#N/A
3682	Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1	#N/A
3683	Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1	#N/A
3684	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_1	0%	1	#N/A
3685	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_2	0%	1	#N/A
3686	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_3	0%	1	#N/A
3687	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_4	0%	1	#N/A
3688	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_5	0%	1	#N/A
3689	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_6	0%	1	#N/A
3690	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_7	0%	1	#N/A
3691	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0%	1	#N/A
3692	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_9	0%	1	#N/A
3693	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_10	0%	1	#N/A
3694	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_11	0%	1	#N/A
3695	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_12	0%	1	#N/A
3696	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_1	0%	1	#N/A
3697	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_2	0%	1	#N/A
3698	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_3	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3666	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3667	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3668	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3669	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3670	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3671	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3672	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3673	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3674	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3675	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3676	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3677	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3678	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3679	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3680	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3681	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3682	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3683	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3684	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3685	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3686	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3687	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3688	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3689	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3690	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3691	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3692	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3693	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3694	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3695	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3696	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3697	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3698	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3666	0	0	1	1	1	1	1	1	1	1
3667	0	0	1	1	1	1	1	1	1	1
3668	0	0	1	1	1	1	1	1	1	1
3669	0	0	1	1	1	1	1	1	1	1
3670	0	0	1	1	1	1	1	1	1	1
3671	0	0	1	1	1	1	1	1	1	1
3672	1	164	1	1	1	1	1	1	1	1
3673	0	0	1	1	1	1	1	1	1	1
3674	0	0	1	1	1	1	1	1	1	1
3675	0	0	1	1	1	1	1	1	1	1
3676	0	0	1	1	1	1	1	1	1	1
3677	0	0	1	1	1	1	1	1	1	1
3678	0	0	1	1	1	1	1	1	1	1
3679	0	0	1	1	1	1	1	1	1	1
3680	0	0	1	1	1	1	1	1	1	1
3681	0	0	1	1	1	1	1	1	1	1
3682	0	0	1	1	1	1	1	1	1	1
3683	0	0	1	1	1	1	1	1	1	1
3684	1	165	1	1	1	1	1	1	1	1
3685	0	0	1	1	1	1	1	1	1	1
3686	0	0	1	1	1	1	1	1	1	1
3687	0	0	1	1	1	1	1	1	1	1
3688	0	0	1	1	1	1	1	1	1	1
3689	0	0	1	1	1	1	1	1	1	1
3690	0	0	1	1	1	1	1	1	1	1
3691	0	0	1	1	1	1	1	1	1	1
3692	0	0	1	1	1	1	1	1	1	1
3693	0	0	1	1	1	1	1	1	1	1
3694	0	0	1	1	1	1	1	1	1	1
3695	0	0	1	1	1	1	1	1	1	1
3696	1	166	1	1	1	1	1	1	1	1
3697	0	0	1	1	1	1	1	1	1	1
3698	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3699	SVCEA	transfer_purchase	201BE058	2020	4	10	Redacted		online	
3700	SVCEA	transfer_purchase	201BE058	2020	5	10	Redacted		online	
3701	SVCEA	transfer_purchase	201BE058	2020	6	10	Redacted		online	
3702	SVCEA	transfer_purchase	201BE058	2020	7	10	Redacted		online	
3703	SVCEA	transfer_purchase	201BE058	2020	8	10	Redacted		online	
3704	SVCEA	transfer_purchase	201BE058	2020	9	10	Redacted		online	
3705	SVCEA	transfer_purchase	201BE058	2020	10	10	Redacted		online	
3706	SVCEA	transfer_purchase	201BE058	2020	11	10	Redacted		online	
3707	SVCEA	transfer_purchase	201BE058	2020	12	10	Redacted		online	
3708	SVCEA	existing_generic_wind	201BE060	2020	1	2	Redacted		online	
3709	SVCEA	existing_generic_wind	201BE060	2020	2	2	Redacted		online	
3710	SVCEA	existing_generic_wind	201BE060	2020	3	2	Redacted		online	
3711	SVCEA	existing_generic_wind	201BE060	2020	4	2	Redacted		online	
3712	SVCEA	existing_generic_wind	201BE060	2020	5	2	Redacted		online	
3713	SVCEA	existing_generic_wind	201BE060	2020	6	2	Redacted		online	
3714	SVCEA	existing_generic_wind	201BE060	2020	7	2	Redacted		online	
3715	SVCEA	existing_generic_wind	201BE060	2020	8	2	Redacted		online	
3716	SVCEA	existing_generic_wind	201BE060	2020	9	2	Redacted		online	
3717	SVCEA	existing_generic_wind	201BE060	2020	10	2	Redacted		online	
3718	SVCEA	existing_generic_wind	201BE060	2020	11	2	Redacted		online	
3719	SVCEA	existing_generic_wind	201BE060	2020	12	2	Redacted		online	
3720	SVCEA	blended	164BE003	2021	1	21	Redacted		online	
3721	SVCEA	blended	164BE003	2021	2	21	Redacted		online	
3722	SVCEA	blended	164BE003	2021	3	21	Redacted		online	
3723	SVCEA	blended	164BE003	2021	4	21	Redacted		online	
3724	SVCEA	blended	164BE003	2021	5	21	Redacted		online	
3725	SVCEA	blended	164BE003	2021	6	21	Redacted		online	
3726	SVCEA	blended	164BE003	2021	7	21	Redacted		online	
3727	SVCEA	blended	164BE003	2021	8	21	Redacted		online	
3728	SVCEA	blended	164BE003	2021	9	21	Redacted		online	
3729	SVCEA	blended	164BE003	2021	10	21	Redacted		online	
3730	SVCEA	blended	164BE003	2021	11	21	Redacted		online	
3731	SVCEA	blended	164BE003	2021	12	21	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3699	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_4	0%	1	#N/A
3700	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_5	0%	1	#N/A
3701	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_6	0%	1	#N/A
3702	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_7	0%	1	#N/A
3703	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0%	1	#N/A
3704	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_9	0%	1	#N/A
3705	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_10	0%	1	#N/A
3706	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_11	0%	1	#N/A
3707	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_12	0%	1	#N/A
3708	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_1	14%	1	#N/A
3709	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_2	12%	1	#N/A
3710	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_3	28%	1	#N/A
3711	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_4	25%	1	#N/A
3712	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_5	25%	1	#N/A
3713	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	33%	1	#N/A
3714	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_7	23%	1	#N/A
3715	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_8	21%	1	#N/A
3716	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_9	15%	1	#N/A
3717	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_10	8%	1	#N/A
3718	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_11	12%	1	#N/A
3719	Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_12	13%	1	#N/A
3720	Redacted	Redacted	blended	1	unknown	unknown_2021_1	0%	1	#N/A
3721	Redacted	Redacted	blended	1	unknown	unknown_2021_2	0%	1	#N/A
3722	Redacted	Redacted	blended	1	unknown	unknown_2021_3	0%	1	#N/A
3723	Redacted	Redacted	blended	1	unknown	unknown_2021_4	0%	1	#N/A
3724	Redacted	Redacted	blended	1	unknown	unknown_2021_5	0%	1	#N/A
3725	Redacted	Redacted	blended	1	unknown	unknown_2021_6	0%	1	#N/A
3726	Redacted	Redacted	blended	1	unknown	unknown_2021_7	0%	1	#N/A
3727	Redacted	Redacted	blended	1	unknown	unknown_2021_8	0%	1	#N/A
3728	Redacted	Redacted	blended	1	unknown	unknown_2021_9	0%	1	#N/A
3729	Redacted	Redacted	blended	1	unknown	unknown_2021_10	0%	1	#N/A
3730	Redacted	Redacted	blended	1	unknown	unknown_2021_11	0%	1	#N/A
3731	Redacted	Redacted	blended	1	unknown	unknown_2021_12	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3699	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3700	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3701	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3702	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3703	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3704	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3705	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3706	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3707	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3708	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3709	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3710	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3711	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3712	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3713	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3714	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3715	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3716	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3717	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3718	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3719	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3720	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3721	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3722	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3723	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3724	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3725	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3726	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3727	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3728	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3729	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3730	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3731	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3699	0	0	1	1	1	1	1	1	1	1
3700	0	0	1	1	1	1	1	1	1	1
3701	0	0	1	1	1	1	1	1	1	1
3702	0	0	1	1	1	1	1	1	1	1
3703	0	0	1	1	1	1	1	1	1	1
3704	0	0	1	1	1	1	1	1	1	1
3705	0	0	1	1	1	1	1	1	1	1
3706	0	0	1	1	1	1	1	1	1	1
3707	0	0	1	1	1	1	1	1	1	1
3708	1	167	1	1	1	1	1	1	1	1
3709	0	0	1	1	1	1	1	1	1	1
3710	0	0	1	1	1	1	1	1	1	1
3711	0	0	1	1	1	1	1	1	1	1
3712	0	0	1	1	1	1	1	1	1	1
3713	0	0	1	1	1	1	1	1	1	1
3714	0	0	1	1	1	1	1	1	1	1
3715	0	0	1	1	1	1	1	1	1	1
3716	0	0	1	1	1	1	1	1	1	1
3717	0	0	1	1	1	1	1	1	1	1
3718	0	0	1	1	1	1	1	1	1	1
3719	0	0	1	1	1	1	1	1	1	1
3720	0	0	1	1	1	1	1	1	1	1
3721	0	0	1	1	1	1	1	1	1	1
3722	0	0	1	1	1	1	1	1	1	1
3723	0	0	1	1	1	1	1	1	1	1
3724	0	0	1	1	1	1	1	1	1	1
3725	0	0	1	1	1	1	1	1	1	1
3726	0	0	1	1	1	1	1	1	1	1
3727	0	0	1	1	1	1	1	1	1	1
3728	0	0	1	1	1	1	1	1	1	1
3729	0	0	1	1	1	1	1	1	1	1
3730	0	0	1	1	1	1	1	1	1	1
3731	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3732	SVCEA	blended	164BE005	2021	1	4	Redacted		online	
3733	SVCEA	blended	164BE005	2021	2	4	Redacted		online	
3734	SVCEA	blended	164BE005	2021	3	4	Redacted		online	
3735	SVCEA	blended	164BE005	2021	4	4	Redacted		online	
3736	SVCEA	blended	164BE005	2021	5	4	Redacted		online	
3737	SVCEA	blended	164BE005	2021	6	4	Redacted		online	
3738	SVCEA	blended	164BE005	2021	7	4	Redacted		online	
3739	SVCEA	blended	164BE005	2021	8	4	Redacted		online	
3740	SVCEA	blended	164BE005	2021	9	4	Redacted		online	
3741	SVCEA	blended	164BE005	2021	10	4	Redacted		online	
3742	SVCEA	blended	164BE005	2021	11	4	Redacted		online	
3743	SVCEA	blended	164BE005	2021	12	4	Redacted		online	
3744	SVCEA	transfer_purchase	182BE021	2021	1	25	Redacted		online	
3745	SVCEA	transfer_purchase	182BE021	2021	2	25	Redacted		online	
3746	SVCEA	transfer_purchase	182BE021	2021	3	25	Redacted		online	
3747	SVCEA	transfer_purchase	182BE021	2021	4	25	Redacted		online	
3748	SVCEA	transfer_purchase	182BE021	2021	5	25	Redacted		online	
3749	SVCEA	transfer_purchase	182BE021	2021	6	25	Redacted		online	
3750	SVCEA	transfer_purchase	182BE021	2021	7	25	Redacted		online	
3751	SVCEA	transfer_purchase	182BE021	2021	8	25	Redacted		online	
3752	SVCEA	transfer_purchase	182BE021	2021	9	25	Redacted		online	
3753	SVCEA	transfer_purchase	182BE021	2021	10	25	Redacted		online	
3754	SVCEA	transfer_purchase	182BE021	2021	11	25	Redacted		online	
3755	SVCEA	transfer_purchase	182BE021	2021	12	25	Redacted		online	
3756	SVCEA	transfer_purchase	194BE052	2021	1	23	Redacted		online	
3757	SVCEA	transfer_purchase	194BE052	2021	2	23	Redacted		online	
3758	SVCEA	transfer_purchase	194BE052	2021	3	23	Redacted		online	
3759	SVCEA	transfer_purchase	194BE052	2021	4	23	Redacted		online	
3760	SVCEA	transfer_purchase	194BE052	2021	5	23	Redacted		online	
3761	SVCEA	transfer_purchase	194BE052	2021	6	23	Redacted		online	
3762	SVCEA	transfer_purchase	194BE052	2021	7	23	Redacted		online	
3763	SVCEA	transfer_purchase	194BE052	2021	8	23	Redacted		online	
3764	SVCEA	transfer_purchase	194BE052	2021	9	23	Redacted		online	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3732	Redacted	Redacted	blended	1	unknown	unknown_2021_1	0%	1	#N/A
3733	Redacted	Redacted	blended	1	unknown	unknown_2021_2	0%	1	#N/A
3734	Redacted	Redacted	blended	1	unknown	unknown_2021_3	0%	1	#N/A
3735	Redacted	Redacted	blended	1	unknown	unknown_2021_4	0%	1	#N/A
3736	Redacted	Redacted	blended	1	unknown	unknown_2021_5	0%	1	#N/A
3737	Redacted	Redacted	blended	1	unknown	unknown_2021_6	0%	1	#N/A
3738	Redacted	Redacted	blended	1	unknown	unknown_2021_7	0%	1	#N/A
3739	Redacted	Redacted	blended	1	unknown	unknown_2021_8	0%	1	#N/A
3740	Redacted	Redacted	blended	1	unknown	unknown_2021_9	0%	1	#N/A
3741	Redacted	Redacted	blended	1	unknown	unknown_2021_10	0%	1	#N/A
3742	Redacted	Redacted	blended	1	unknown	unknown_2021_11	0%	1	#N/A
3743	Redacted	Redacted	blended	1	unknown	unknown_2021_12	0%	1	#N/A
3744	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_1	0%	1	#N/A
3745	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_2	0%	1	#N/A
3746	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_3	0%	1	#N/A
3747	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_4	0%	1	#N/A
3748	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_5	0%	1	#N/A
3749	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_6	0%	1	#N/A
3750	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_7	0%	1	#N/A
3751	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_8	0%	1	#N/A
3752	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_9	0%	1	#N/A
3753	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_10	0%	1	#N/A
3754	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_11	0%	1	#N/A
3755	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_12	0%	1	#N/A
3756	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_1	0%	1	#N/A
3757	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_2	0%	1	#N/A
3758	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_3	0%	1	#N/A
3759	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_4	0%	1	#N/A
3760	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_5	0%	1	#N/A
3761	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_6	0%	1	#N/A
3762	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_7	0%	1	#N/A
3763	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_8	0%	1	#N/A
3764	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_9	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3732	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3733	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3734	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3735	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3736	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3737	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3738	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3739	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3740	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3741	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3742	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3743	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3744	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3745	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3746	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3747	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3748	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3749	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3750	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3751	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3752	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3753	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3754	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3755	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3756	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3757	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3758	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3759	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3760	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3761	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3762	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3763	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3764	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3732	0	0	1	1	1	1	1	1	1	1
3733	0	0	1	1	1	1	1	1	1	1
3734	0	0	1	1	1	1	1	1	1	1
3735	0	0	1	1	1	1	1	1	1	1
3736	0	0	1	1	1	1	1	1	1	1
3737	0	0	1	1	1	1	1	1	1	1
3738	0	0	1	1	1	1	1	1	1	1
3739	0	0	1	1	1	1	1	1	1	1
3740	0	0	1	1	1	1	1	1	1	1
3741	0	0	1	1	1	1	1	1	1	1
3742	0	0	1	1	1	1	1	1	1	1
3743	0	0	1	1	1	1	1	1	1	1
3744	0	0	1	1	1	1	1	1	1	1
3745	0	0	1	1	1	1	1	1	1	1
3746	0	0	1	1	1	1	1	1	1	1
3747	0	0	1	1	1	1	1	1	1	1
3748	0	0	1	1	1	1	1	1	1	1
3749	0	0	1	1	1	1	1	1	1	1
3750	0	0	1	1	1	1	1	1	1	1
3751	0	0	1	1	1	1	1	1	1	1
3752	0	0	1	1	1	1	1	1	1	1
3753	0	0	1	1	1	1	1	1	1	1
3754	0	0	1	1	1	1	1	1	1	1
3755	0	0	1	1	1	1	1	1	1	1
3756	0	0	1	1	1	1	1	1	1	1
3757	0	0	1	1	1	1	1	1	1	1
3758	0	0	1	1	1	1	1	1	1	1
3759	0	0	1	1	1	1	1	1	1	1
3760	0	0	1	1	1	1	1	1	1	1
3761	0	0	1	1	1	1	1	1	1	1
3762	0	0	1	1	1	1	1	1	1	1
3763	0	0	1	1	1	1	1	1	1	1
3764	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3765	SVCEA	transfer_purchase	194BE052	2021	10	23	Redacted		online	
3766	SVCEA	transfer_purchase	194BE052	2021	11	23	Redacted		online	
3767	SVCEA	transfer_purchase	194BE052	2021	12	23	Redacted		online	
3768	SVCEA	transfer_purchase	202BE070	2021	1	40	Redacted		online	
3769	SVCEA	transfer_purchase	202BE070	2021	2	40	Redacted		online	
3770	SVCEA	transfer_purchase	202BE070	2021	3	40	Redacted		online	
3771	SVCEA	transfer_purchase	202BE070	2021	4	40	Redacted		online	
3772	SVCEA	transfer_purchase	202BE070	2021	5	40	Redacted		online	
3773	SVCEA	transfer_purchase	202BE070	2021	6	40	Redacted		online	
3774	SVCEA	transfer_purchase	202BE070	2021	7	40	Redacted		online	
3775	SVCEA	transfer_purchase	202BE070	2021	8	40	Redacted		online	
3776	SVCEA	transfer_purchase	202BE070	2021	9	40	Redacted		online	
3777	SVCEA	transfer_purchase	202BE070	2021	10	40	Redacted		online	
3778	SVCEA	transfer_purchase	202BE070	2021	11	40	Redacted		online	
3779	SVCEA	transfer_purchase	202BE070	2021	12	40	Redacted		online	
3780	SVCEA	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing	
3781	SVCEA	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing	
3782	SVCEA	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing	
3783	SVCEA	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing	
3784	SVCEA	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing	
3785	SVCEA	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing	
3786	SVCEA	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing	
3787	SVCEA	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing	
3788	SVCEA	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing	
3789	SVCEA	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing	
3790	SVCEA	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing	
3791	SVCEA	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing	
3792	SVCEA	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing	
3793	SVCEA	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing	
3794	SVCEA	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing	
3795	SVCEA	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing	
3796	SVCEA	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing	
3797	SVCEA	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3765	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_10	0%	1	#N/A
3766	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_11	0%	1	#N/A
3767	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_12	0%	1	#N/A
3768	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_1	0%	1	#N/A
3769	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_2	0%	1	#N/A
3770	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_3	0%	1	#N/A
3771	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_4	0%	1	#N/A
3772	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_5	0%	1	#N/A
3773	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_6	0%	1	#N/A
3774	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_7	0%	1	#N/A
3775	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_8	0%	1	#N/A
3776	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_9	0%	1	#N/A
3777	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_10	0%	1	#N/A
3778	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_11	0%	1	#N/A
3779	Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_12	0%	1	#N/A
3780	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3781	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3782	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3783	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3784	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3785	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3786	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3787	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3788	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3789	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3790	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3791	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3792	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3793	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3794	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3795	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3796	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3797	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3765	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3766	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3767	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3768	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3769	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3770	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3771	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3772	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3773	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3774	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3775	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3776	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3777	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3778	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3779	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3780	Redacted	ok	existing_generic	1	0	Redacted
3781	Redacted	ok	existing_generic	1	0	Redacted
3782	Redacted	ok	existing_generic	1	0	Redacted
3783	Redacted	ok	existing_generic	1	0	Redacted
3784	Redacted	ok	existing_generic	1	0	Redacted
3785	Redacted	ok	existing_generic	1	0	Redacted
3786	Redacted	ok	existing_generic	1	0	Redacted
3787	Redacted	ok	existing_generic	1	0	Redacted
3788	Redacted	ok	existing_generic	1	0	Redacted
3789	Redacted	ok	existing_generic	1	0	Redacted
3790	Redacted	ok	existing_generic	1	0	Redacted
3791	Redacted	ok	existing_generic	1	0	Redacted
3792	Redacted	ok	existing_generic	1	0	Redacted
3793	Redacted	ok	existing_generic	1	0	Redacted
3794	Redacted	ok	existing_generic	1	0	Redacted
3795	Redacted	ok	existing_generic	1	0	Redacted
3796	Redacted	ok	existing_generic	1	0	Redacted
3797	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3765	0	0	1	1	1	1	1	1	1	1
3766	0	0	1	1	1	1	1	1	1	1
3767	0	0	1	1	1	1	1	1	1	1
3768	1	168	1	1	1	1	1	1	1	1
3769	0	0	1	1	1	1	1	1	1	1
3770	0	0	1	1	1	1	1	1	1	1
3771	0	0	1	1	1	1	1	1	1	1
3772	0	0	1	1	1	1	1	1	1	1
3773	0	0	1	1	1	1	1	1	1	1
3774	0	0	1	1	1	1	1	1	1	1
3775	0	0	1	1	1	1	1	1	1	1
3776	0	0	1	1	1	1	1	1	1	1
3777	0	0	1	1	1	1	1	1	1	1
3778	0	0	1	1	1	1	1	1	1	1
3779	0	0	1	1	1	1	1	1	1	1
3780	1	169	1	1	1	1	1	1	1	1
3781	0	0	1	1	1	1	1	1	1	1
3782	0	0	1	1	1	1	1	1	1	1
3783	0	0	1	1	1	1	1	1	1	1
3784	0	0	1	1	1	1	1	1	1	1
3785	0	0	1	1	1	1	1	1	1	1
3786	0	0	1	1	1	1	1	1	1	1
3787	0	0	1	1	1	1	1	1	1	1
3788	0	0	1	1	1	1	1	1	1	1
3789	0	0	1	1	1	1	1	1	1	1
3790	0	0	1	1	1	1	1	1	1	1
3791	0	0	1	1	1	1	1	1	1	1
3792	0	0	1	1	1	1	1	1	1	1
3793	0	0	1	1	1	1	1	1	1	1
3794	0	0	1	1	1	1	1	1	1	1
3795	0	0	1	1	1	1	1	1	1	1
3796	0	0	1	1	1	1	1	1	1	1
3797	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3798	SVCEA	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing	
3799	SVCEA	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing	
3800	SVCEA	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing	
3801	SVCEA	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing	
3802	SVCEA	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing	
3803	SVCEA	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing	
3804	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing	
3805	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing	
3806	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing	
3807	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing	
3808	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing	
3809	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing	
3810	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing	
3811	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing	
3812	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing	
3813	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing	
3814	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing	
3815	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing	
3816	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing	
3817	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing	
3818	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing	
3819	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing	
3820	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing	
3821	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing	
3822	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing	
3823	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing	
3824	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing	
3825	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing	
3826	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing	
3827	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing	
3828	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing	
3829	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing	
3830	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3798	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3799	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3800	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3801	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3802	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3803	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3804	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3805	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3806	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3807	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3808	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3809	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3810	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3811	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3812	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3813	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3814	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3815	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3816	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3817	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3818	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3819	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3820	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3821	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3822	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3823	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3824	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3825	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3826	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3827	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3828	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3829	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3830	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3798	Redacted	ok	existing_generic	1	0	Redacted
3799	Redacted	ok	existing_generic	1	0	Redacted
3800	Redacted	ok	existing_generic	1	0	Redacted
3801	Redacted	ok	existing_generic	1	0	Redacted
3802	Redacted	ok	existing_generic	1	0	Redacted
3803	Redacted	ok	existing_generic	1	0	Redacted
3804	Redacted	ok	existing_generic	1	0	Redacted
3805	Redacted	ok	existing_generic	1	0	Redacted
3806	Redacted	ok	existing_generic	1	0	Redacted
3807	Redacted	ok	existing_generic	1	0	Redacted
3808	Redacted	ok	existing_generic	1	0	Redacted
3809	Redacted	ok	existing_generic	1	0	Redacted
3810	Redacted	ok	existing_generic	1	0	Redacted
3811	Redacted	ok	existing_generic	1	0	Redacted
3812	Redacted	ok	existing_generic	1	0	Redacted
3813	Redacted	ok	existing_generic	1	0	Redacted
3814	Redacted	ok	existing_generic	1	0	Redacted
3815	Redacted	ok	existing_generic	1	0	Redacted
3816	Redacted	ok	existing_generic	1	0	Redacted
3817	Redacted	ok	existing_generic	1	0	Redacted
3818	Redacted	ok	existing_generic	1	0	Redacted
3819	Redacted	ok	existing_generic	1	0	Redacted
3820	Redacted	ok	existing_generic	1	0	Redacted
3821	Redacted	ok	existing_generic	1	0	Redacted
3822	Redacted	ok	existing_generic	1	0	Redacted
3823	Redacted	ok	existing_generic	1	0	Redacted
3824	Redacted	ok	existing_generic	1	0	Redacted
3825	Redacted	ok	existing_generic	1	0	Redacted
3826	Redacted	ok	existing_generic	1	0	Redacted
3827	Redacted	ok	existing_generic	1	0	Redacted
3828	Redacted	ok	existing_generic	1	0	Redacted
3829	Redacted	ok	existing_generic	1	0	Redacted
3830	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3798	0	0	1	1	1	1	1	1	1	1
3799	0	0	1	1	1	1	1	1	1	1
3800	0	0	1	1	1	1	1	1	1	1
3801	0	0	1	1	1	1	1	1	1	1
3802	0	0	1	1	1	1	1	1	1	1
3803	0	0	1	1	1	1	1	1	1	1
3804	0	0	1	1	1	1	1	1	1	1
3805	0	0	1	1	1	1	1	1	1	1
3806	0	0	1	1	1	1	1	1	1	1
3807	0	0	1	1	1	1	1	1	1	1
3808	0	0	1	1	1	1	1	1	1	1
3809	0	0	1	1	1	1	1	1	1	1
3810	0	0	1	1	1	1	1	1	1	1
3811	0	0	1	1	1	1	1	1	1	1
3812	0	0	1	1	1	1	1	1	1	1
3813	0	0	1	1	1	1	1	1	1	1
3814	0	0	1	1	1	1	1	1	1	1
3815	0	0	1	1	1	1	1	1	1	1
3816	0	0	1	1	1	1	1	1	1	1
3817	0	0	1	1	1	1	1	1	1	1
3818	0	0	1	1	1	1	1	1	1	1
3819	0	0	1	1	1	1	1	1	1	1
3820	0	0	1	1	1	1	1	1	1	1
3821	0	0	1	1	1	1	1	1	1	1
3822	0	0	1	1	1	1	1	1	1	1
3823	0	0	1	1	1	1	1	1	1	1
3824	0	0	1	1	1	1	1	1	1	1
3825	0	0	1	1	1	1	1	1	1	1
3826	0	0	1	1	1	1	1	1	1	1
3827	0	0	1	1	1	1	1	1	1	1
3828	0	0	1	1	1	1	1	1	1	1
3829	0	0	1	1	1	1	1	1	1	1
3830	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3831	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing	
3832	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing	
3833	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing	
3834	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing	
3835	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing	
3836	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing	
3837	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing	
3838	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing	
3839	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing	
3840	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing	
3841	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing	
3842	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing	
3843	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing	
3844	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing	
3845	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing	
3846	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing	
3847	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing	
3848	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing	
3849	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing	
3850	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing	
3851	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing	
3852	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing	
3853	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing	
3854	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing	
3855	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing	
3856	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing	
3857	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing	
3858	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing	
3859	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing	
3860	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing	
3861	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing	
3862	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing	
3863	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3831	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3832	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3833	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3834	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3835	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3836	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3837	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3838	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3839	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3840	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3841	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3842	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3843	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3844	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3845	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3846	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3847	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3848	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3849	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3850	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3851	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3852	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3853	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3854	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3855	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3856	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3857	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3858	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3859	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3860	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3861	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3862	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3863	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3831	Redacted	ok	existing_generic	1	0	Redacted
3832	Redacted	ok	existing_generic	1	0	Redacted
3833	Redacted	ok	existing_generic	1	0	Redacted
3834	Redacted	ok	existing_generic	1	0	Redacted
3835	Redacted	ok	existing_generic	1	0	Redacted
3836	Redacted	ok	existing_generic	1	0	Redacted
3837	Redacted	ok	existing_generic	1	0	Redacted
3838	Redacted	ok	existing_generic	1	0	Redacted
3839	Redacted	ok	existing_generic	1	0	Redacted
3840	Redacted	ok	existing_generic	1	0	Redacted
3841	Redacted	ok	existing_generic	1	0	Redacted
3842	Redacted	ok	existing_generic	1	0	Redacted
3843	Redacted	ok	existing_generic	1	0	Redacted
3844	Redacted	ok	existing_generic	1	0	Redacted
3845	Redacted	ok	existing_generic	1	0	Redacted
3846	Redacted	ok	existing_generic	1	0	Redacted
3847	Redacted	ok	existing_generic	1	0	Redacted
3848	Redacted	ok	existing_generic	1	0	Redacted
3849	Redacted	ok	existing_generic	1	0	Redacted
3850	Redacted	ok	existing_generic	1	0	Redacted
3851	Redacted	ok	existing_generic	1	0	Redacted
3852	Redacted	ok	existing_generic	1	0	Redacted
3853	Redacted	ok	existing_generic	1	0	Redacted
3854	Redacted	ok	existing_generic	1	0	Redacted
3855	Redacted	ok	existing_generic	1	0	Redacted
3856	Redacted	ok	existing_generic	1	0	Redacted
3857	Redacted	ok	existing_generic	1	0	Redacted
3858	Redacted	ok	existing_generic	1	0	Redacted
3859	Redacted	ok	existing_generic	1	0	Redacted
3860	Redacted	ok	existing_generic	1	0	Redacted
3861	Redacted	ok	existing_generic	1	0	Redacted
3862	Redacted	ok	existing_generic	1	0	Redacted
3863	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3831	0	0	1	1	1	1	1	1	1	1
3832	0	0	1	1	1	1	1	1	1	1
3833	0	0	1	1	1	1	1	1	1	1
3834	0	0	1	1	1	1	1	1	1	1
3835	0	0	1	1	1	1	1	1	1	1
3836	0	0	1	1	1	1	1	1	1	1
3837	0	0	1	1	1	1	1	1	1	1
3838	0	0	1	1	1	1	1	1	1	1
3839	0	0	1	1	1	1	1	1	1	1
3840	0	0	1	1	1	1	1	1	1	1
3841	0	0	1	1	1	1	1	1	1	1
3842	0	0	1	1	1	1	1	1	1	1
3843	0	0	1	1	1	1	1	1	1	1
3844	0	0	1	1	1	1	1	1	1	1
3845	0	0	1	1	1	1	1	1	1	1
3846	0	0	1	1	1	1	1	1	1	1
3847	0	0	1	1	1	1	1	1	1	1
3848	0	0	1	1	1	1	1	1	1	1
3849	0	0	1	1	1	1	1	1	1	1
3850	0	0	1	1	1	1	1	1	1	1
3851	0	0	1	1	1	1	1	1	1	1
3852	0	0	1	1	1	1	1	1	1	1
3853	0	0	1	1	1	1	1	1	1	1
3854	0	0	1	1	1	1	1	1	1	1
3855	0	0	1	1	1	1	1	1	1	1
3856	0	0	1	1	1	1	1	1	1	1
3857	0	0	1	1	1	1	1	1	1	1
3858	0	0	1	1	1	1	1	1	1	1
3859	0	0	1	1	1	1	1	1	1	1
3860	0	0	1	1	1	1	1	1	1	1
3861	0	0	1	1	1	1	1	1	1	1
3862	0	0	1	1	1	1	1	1	1	1
3863	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3864	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing	
3865	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing	
3866	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing	
3867	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing	
3868	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing	
3869	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing	
3870	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing	
3871	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing	
3872	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing	
3873	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing	
3874	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing	
3875	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing	
3876	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing	
3877	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing	
3878	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing	
3879	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing	
3880	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing	
3881	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing	
3882	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing	
3883	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing	
3884	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing	
3885	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing	
3886	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing	
3887	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing	
3888	SVCEA	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing	
3889	SVCEA	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing	
3890	SVCEA	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing	
3891	SVCEA	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing	
3892	SVCEA	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing	
3893	SVCEA	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing	
3894	SVCEA	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing	
3895	SVCEA	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing	
3896	SVCEA	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3864	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3865	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3866	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3867	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3868	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3869	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3870	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3871	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3872	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3873	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3874	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3875	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3876	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3877	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3878	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3879	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3880	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3881	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3882	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3883	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3884	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3885	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3886	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3887	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3888	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3889	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3890	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3891	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3892	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3893	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3894	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3895	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3896	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3864	Redacted	ok	existing_generic	1	0	Redacted
3865	Redacted	ok	existing_generic	1	0	Redacted
3866	Redacted	ok	existing_generic	1	0	Redacted
3867	Redacted	ok	existing_generic	1	0	Redacted
3868	Redacted	ok	existing_generic	1	0	Redacted
3869	Redacted	ok	existing_generic	1	0	Redacted
3870	Redacted	ok	existing_generic	1	0	Redacted
3871	Redacted	ok	existing_generic	1	0	Redacted
3872	Redacted	ok	existing_generic	1	0	Redacted
3873	Redacted	ok	existing_generic	1	0	Redacted
3874	Redacted	ok	existing_generic	1	0	Redacted
3875	Redacted	ok	existing_generic	1	0	Redacted
3876	Redacted	ok	existing_generic	1	0	Redacted
3877	Redacted	ok	existing_generic	1	0	Redacted
3878	Redacted	ok	existing_generic	1	0	Redacted
3879	Redacted	ok	existing_generic	1	0	Redacted
3880	Redacted	ok	existing_generic	1	0	Redacted
3881	Redacted	ok	existing_generic	1	0	Redacted
3882	Redacted	ok	existing_generic	1	0	Redacted
3883	Redacted	ok	existing_generic	1	0	Redacted
3884	Redacted	ok	existing_generic	1	0	Redacted
3885	Redacted	ok	existing_generic	1	0	Redacted
3886	Redacted	ok	existing_generic	1	0	Redacted
3887	Redacted	ok	existing_generic	1	0	Redacted
3888	Redacted	ok	existing_generic	1	0	Redacted
3889	Redacted	ok	existing_generic	1	0	Redacted
3890	Redacted	ok	existing_generic	1	0	Redacted
3891	Redacted	ok	existing_generic	1	0	Redacted
3892	Redacted	ok	existing_generic	1	0	Redacted
3893	Redacted	ok	existing_generic	1	0	Redacted
3894	Redacted	ok	existing_generic	1	0	Redacted
3895	Redacted	ok	existing_generic	1	0	Redacted
3896	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3864	0	0	1	1	1	1	1	1	1	1
3865	0	0	1	1	1	1	1	1	1	1
3866	0	0	1	1	1	1	1	1	1	1
3867	0	0	1	1	1	1	1	1	1	1
3868	0	0	1	1	1	1	1	1	1	1
3869	0	0	1	1	1	1	1	1	1	1
3870	0	0	1	1	1	1	1	1	1	1
3871	0	0	1	1	1	1	1	1	1	1
3872	0	0	1	1	1	1	1	1	1	1
3873	0	0	1	1	1	1	1	1	1	1
3874	0	0	1	1	1	1	1	1	1	1
3875	0	0	1	1	1	1	1	1	1	1
3876	0	0	1	1	1	1	1	1	1	1
3877	0	0	1	1	1	1	1	1	1	1
3878	0	0	1	1	1	1	1	1	1	1
3879	0	0	1	1	1	1	1	1	1	1
3880	0	0	1	1	1	1	1	1	1	1
3881	0	0	1	1	1	1	1	1	1	1
3882	0	0	1	1	1	1	1	1	1	1
3883	0	0	1	1	1	1	1	1	1	1
3884	0	0	1	1	1	1	1	1	1	1
3885	0	0	1	1	1	1	1	1	1	1
3886	0	0	1	1	1	1	1	1	1	1
3887	0	0	1	1	1	1	1	1	1	1
3888	1	170	1	1	1	1	1	1	1	1
3889	0	0	1	1	1	1	1	1	1	1
3890	0	0	1	1	1	1	1	1	1	1
3891	0	0	1	1	1	1	1	1	1	1
3892	0	0	1	1	1	1	1	1	1	1
3893	0	0	1	1	1	1	1	1	1	1
3894	0	0	1	1	1	1	1	1	1	1
3895	0	0	1	1	1	1	1	1	1	1
3896	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3897	SVCEA	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing	
3898	SVCEA	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing	
3899	SVCEA	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing	
3900	SVCEA	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing	
3901	SVCEA	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing	
3902	SVCEA	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing	
3903	SVCEA	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing	
3904	SVCEA	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing	
3905	SVCEA	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing	
3906	SVCEA	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing	
3907	SVCEA	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing	
3908	SVCEA	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing	
3909	SVCEA	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing	
3910	SVCEA	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing	
3911	SVCEA	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing	
3912	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing	
3913	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing	
3914	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing	
3915	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing	
3916	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing	
3917	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing	
3918	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing	
3919	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing	
3920	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing	
3921	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing	
3922	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing	
3923	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing	
3924	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing	
3925	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing	
3926	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing	
3927	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing	
3928	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing	
3929	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3897	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3898	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3899	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3900	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3901	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3902	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3903	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3904	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3905	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3906	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3907	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3908	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3909	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3910	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3911	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3912	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3913	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3914	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3915	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3916	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3917	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3918	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3919	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3920	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3921	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3922	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3923	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3924	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3925	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3926	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3927	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3928	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3929	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3897	Redacted	ok	existing_generic	1	0	Redacted
3898	Redacted	ok	existing_generic	1	0	Redacted
3899	Redacted	ok	existing_generic	1	0	Redacted
3900	Redacted	ok	existing_generic	1	0	Redacted
3901	Redacted	ok	existing_generic	1	0	Redacted
3902	Redacted	ok	existing_generic	1	0	Redacted
3903	Redacted	ok	existing_generic	1	0	Redacted
3904	Redacted	ok	existing_generic	1	0	Redacted
3905	Redacted	ok	existing_generic	1	0	Redacted
3906	Redacted	ok	existing_generic	1	0	Redacted
3907	Redacted	ok	existing_generic	1	0	Redacted
3908	Redacted	ok	existing_generic	1	0	Redacted
3909	Redacted	ok	existing_generic	1	0	Redacted
3910	Redacted	ok	existing_generic	1	0	Redacted
3911	Redacted	ok	existing_generic	1	0	Redacted
3912	Redacted	ok	existing_generic	1	0	Redacted
3913	Redacted	ok	existing_generic	1	0	Redacted
3914	Redacted	ok	existing_generic	1	0	Redacted
3915	Redacted	ok	existing_generic	1	0	Redacted
3916	Redacted	ok	existing_generic	1	0	Redacted
3917	Redacted	ok	existing_generic	1	0	Redacted
3918	Redacted	ok	existing_generic	1	0	Redacted
3919	Redacted	ok	existing_generic	1	0	Redacted
3920	Redacted	ok	existing_generic	1	0	Redacted
3921	Redacted	ok	existing_generic	1	0	Redacted
3922	Redacted	ok	existing_generic	1	0	Redacted
3923	Redacted	ok	existing_generic	1	0	Redacted
3924	Redacted	ok	existing_generic	1	0	Redacted
3925	Redacted	ok	existing_generic	1	0	Redacted
3926	Redacted	ok	existing_generic	1	0	Redacted
3927	Redacted	ok	existing_generic	1	0	Redacted
3928	Redacted	ok	existing_generic	1	0	Redacted
3929	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3897	0	0	1	1	1	1	1	1	1	1
3898	0	0	1	1	1	1	1	1	1	1
3899	0	0	1	1	1	1	1	1	1	1
3900	0	0	1	1	1	1	1	1	1	1
3901	0	0	1	1	1	1	1	1	1	1
3902	0	0	1	1	1	1	1	1	1	1
3903	0	0	1	1	1	1	1	1	1	1
3904	0	0	1	1	1	1	1	1	1	1
3905	0	0	1	1	1	1	1	1	1	1
3906	0	0	1	1	1	1	1	1	1	1
3907	0	0	1	1	1	1	1	1	1	1
3908	0	0	1	1	1	1	1	1	1	1
3909	0	0	1	1	1	1	1	1	1	1
3910	0	0	1	1	1	1	1	1	1	1
3911	0	0	1	1	1	1	1	1	1	1
3912	0	0	1	1	1	1	1	1	1	1
3913	0	0	1	1	1	1	1	1	1	1
3914	0	0	1	1	1	1	1	1	1	1
3915	0	0	1	1	1	1	1	1	1	1
3916	0	0	1	1	1	1	1	1	1	1
3917	0	0	1	1	1	1	1	1	1	1
3918	0	0	1	1	1	1	1	1	1	1
3919	0	0	1	1	1	1	1	1	1	1
3920	0	0	1	1	1	1	1	1	1	1
3921	0	0	1	1	1	1	1	1	1	1
3922	0	0	1	1	1	1	1	1	1	1
3923	0	0	1	1	1	1	1	1	1	1
3924	0	0	1	1	1	1	1	1	1	1
3925	0	0	1	1	1	1	1	1	1	1
3926	0	0	1	1	1	1	1	1	1	1
3927	0	0	1	1	1	1	1	1	1	1
3928	0	0	1	1	1	1	1	1	1	1
3929	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3930	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing	
3931	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing	
3932	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing	
3933	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing	
3934	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing	
3935	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing	
3936	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing	
3937	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing	
3938	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing	
3939	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing	
3940	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing	
3941	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing	
3942	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing	
3943	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing	
3944	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing	
3945	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing	
3946	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing	
3947	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing	
3948	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing	
3949	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing	
3950	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing	
3951	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing	
3952	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing	
3953	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing	
3954	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing	
3955	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing	
3956	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing	
3957	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing	
3958	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing	
3959	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing	
3960	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing	
3961	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing	
3962	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3930	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3931	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3932	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3933	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3934	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3935	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3936	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3937	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3938	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3939	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3940	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3941	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3942	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3943	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3944	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3945	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3946	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3947	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3948	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3949	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3950	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3951	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3952	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3953	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3954	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3955	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3956	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3957	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3958	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3959	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3960	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3961	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3962	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3930	Redacted	ok	existing_generic	1	0	Redacted
3931	Redacted	ok	existing_generic	1	0	Redacted
3932	Redacted	ok	existing_generic	1	0	Redacted
3933	Redacted	ok	existing_generic	1	0	Redacted
3934	Redacted	ok	existing_generic	1	0	Redacted
3935	Redacted	ok	existing_generic	1	0	Redacted
3936	Redacted	ok	existing_generic	1	0	Redacted
3937	Redacted	ok	existing_generic	1	0	Redacted
3938	Redacted	ok	existing_generic	1	0	Redacted
3939	Redacted	ok	existing_generic	1	0	Redacted
3940	Redacted	ok	existing_generic	1	0	Redacted
3941	Redacted	ok	existing_generic	1	0	Redacted
3942	Redacted	ok	existing_generic	1	0	Redacted
3943	Redacted	ok	existing_generic	1	0	Redacted
3944	Redacted	ok	existing_generic	1	0	Redacted
3945	Redacted	ok	existing_generic	1	0	Redacted
3946	Redacted	ok	existing_generic	1	0	Redacted
3947	Redacted	ok	existing_generic	1	0	Redacted
3948	Redacted	ok	existing_generic	1	0	Redacted
3949	Redacted	ok	existing_generic	1	0	Redacted
3950	Redacted	ok	existing_generic	1	0	Redacted
3951	Redacted	ok	existing_generic	1	0	Redacted
3952	Redacted	ok	existing_generic	1	0	Redacted
3953	Redacted	ok	existing_generic	1	0	Redacted
3954	Redacted	ok	existing_generic	1	0	Redacted
3955	Redacted	ok	existing_generic	1	0	Redacted
3956	Redacted	ok	existing_generic	1	0	Redacted
3957	Redacted	ok	existing_generic	1	0	Redacted
3958	Redacted	ok	existing_generic	1	0	Redacted
3959	Redacted	ok	existing_generic	1	0	Redacted
3960	Redacted	ok	existing_generic	1	0	Redacted
3961	Redacted	ok	existing_generic	1	0	Redacted
3962	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3930	0	0	1	1	1	1	1	1	1	1
3931	0	0	1	1	1	1	1	1	1	1
3932	0	0	1	1	1	1	1	1	1	1
3933	0	0	1	1	1	1	1	1	1	1
3934	0	0	1	1	1	1	1	1	1	1
3935	0	0	1	1	1	1	1	1	1	1
3936	0	0	1	1	1	1	1	1	1	1
3937	0	0	1	1	1	1	1	1	1	1
3938	0	0	1	1	1	1	1	1	1	1
3939	0	0	1	1	1	1	1	1	1	1
3940	0	0	1	1	1	1	1	1	1	1
3941	0	0	1	1	1	1	1	1	1	1
3942	0	0	1	1	1	1	1	1	1	1
3943	0	0	1	1	1	1	1	1	1	1
3944	0	0	1	1	1	1	1	1	1	1
3945	0	0	1	1	1	1	1	1	1	1
3946	0	0	1	1	1	1	1	1	1	1
3947	0	0	1	1	1	1	1	1	1	1
3948	0	0	1	1	1	1	1	1	1	1
3949	0	0	1	1	1	1	1	1	1	1
3950	0	0	1	1	1	1	1	1	1	1
3951	0	0	1	1	1	1	1	1	1	1
3952	0	0	1	1	1	1	1	1	1	1
3953	0	0	1	1	1	1	1	1	1	1
3954	0	0	1	1	1	1	1	1	1	1
3955	0	0	1	1	1	1	1	1	1	1
3956	0	0	1	1	1	1	1	1	1	1
3957	0	0	1	1	1	1	1	1	1	1
3958	0	0	1	1	1	1	1	1	1	1
3959	0	0	1	1	1	1	1	1	1	1
3960	0	0	1	1	1	1	1	1	1	1
3961	0	0	1	1	1	1	1	1	1	1
3962	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3963	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing	
3964	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing	
3965	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing	
3966	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing	
3967	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing	
3968	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing	
3969	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing	
3970	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing	
3971	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing	
3972	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing	
3973	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing	
3974	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing	
3975	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing	
3976	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing	
3977	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing	
3978	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing	
3979	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing	
3980	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing	
3981	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing	
3982	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing	
3983	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing	
3984	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing	
3985	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing	
3986	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing	
3987	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing	
3988	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing	
3989	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing	
3990	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing	
3991	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing	
3992	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing	
3993	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing	
3994	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing	
3995	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3963	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3964	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3965	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3966	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3967	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3968	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3969	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3970	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3971	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3972	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3973	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3974	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3975	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3976	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3977	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3978	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3979	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3980	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3981	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3982	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3983	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3984	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3985	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3986	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3987	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3988	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
3989	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
3990	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3991	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
3992	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
3993	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
3994	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
3995	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3963	Redacted	ok	existing_generic	1	0	Redacted
3964	Redacted	ok	existing_generic	1	0	Redacted
3965	Redacted	ok	existing_generic	1	0	Redacted
3966	Redacted	ok	existing_generic	1	0	Redacted
3967	Redacted	ok	existing_generic	1	0	Redacted
3968	Redacted	ok	existing_generic	1	0	Redacted
3969	Redacted	ok	existing_generic	1	0	Redacted
3970	Redacted	ok	existing_generic	1	0	Redacted
3971	Redacted	ok	existing_generic	1	0	Redacted
3972	Redacted	ok	existing_generic	1	0	Redacted
3973	Redacted	ok	existing_generic	1	0	Redacted
3974	Redacted	ok	existing_generic	1	0	Redacted
3975	Redacted	ok	existing_generic	1	0	Redacted
3976	Redacted	ok	existing_generic	1	0	Redacted
3977	Redacted	ok	existing_generic	1	0	Redacted
3978	Redacted	ok	existing_generic	1	0	Redacted
3979	Redacted	ok	existing_generic	1	0	Redacted
3980	Redacted	ok	existing_generic	1	0	Redacted
3981	Redacted	ok	existing_generic	1	0	Redacted
3982	Redacted	ok	existing_generic	1	0	Redacted
3983	Redacted	ok	existing_generic	1	0	Redacted
3984	Redacted	ok	existing_generic	1	0	Redacted
3985	Redacted	ok	existing_generic	1	0	Redacted
3986	Redacted	ok	existing_generic	1	0	Redacted
3987	Redacted	ok	existing_generic	1	0	Redacted
3988	Redacted	ok	existing_generic	1	0	Redacted
3989	Redacted	ok	existing_generic	1	0	Redacted
3990	Redacted	ok	existing_generic	1	0	Redacted
3991	Redacted	ok	existing_generic	1	0	Redacted
3992	Redacted	ok	existing_generic	1	0	Redacted
3993	Redacted	ok	existing_generic	1	0	Redacted
3994	Redacted	ok	existing_generic	1	0	Redacted
3995	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3963	0	0	1	1	1	1	1	1	1	1
3964	0	0	1	1	1	1	1	1	1	1
3965	0	0	1	1	1	1	1	1	1	1
3966	0	0	1	1	1	1	1	1	1	1
3967	0	0	1	1	1	1	1	1	1	1
3968	0	0	1	1	1	1	1	1	1	1
3969	0	0	1	1	1	1	1	1	1	1
3970	0	0	1	1	1	1	1	1	1	1
3971	0	0	1	1	1	1	1	1	1	1
3972	0	0	1	1	1	1	1	1	1	1
3973	0	0	1	1	1	1	1	1	1	1
3974	0	0	1	1	1	1	1	1	1	1
3975	0	0	1	1	1	1	1	1	1	1
3976	0	0	1	1	1	1	1	1	1	1
3977	0	0	1	1	1	1	1	1	1	1
3978	0	0	1	1	1	1	1	1	1	1
3979	0	0	1	1	1	1	1	1	1	1
3980	0	0	1	1	1	1	1	1	1	1
3981	0	0	1	1	1	1	1	1	1	1
3982	0	0	1	1	1	1	1	1	1	1
3983	0	0	1	1	1	1	1	1	1	1
3984	0	0	1	1	1	1	1	1	1	1
3985	0	0	1	1	1	1	1	1	1	1
3986	0	0	1	1	1	1	1	1	1	1
3987	0	0	1	1	1	1	1	1	1	1
3988	0	0	1	1	1	1	1	1	1	1
3989	0	0	1	1	1	1	1	1	1	1
3990	0	0	1	1	1	1	1	1	1	1
3991	0	0	1	1	1	1	1	1	1	1
3992	0	0	1	1	1	1	1	1	1	1
3993	0	0	1	1	1	1	1	1	1	1
3994	0	0	1	1	1	1	1	1	1	1
3995	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
3996	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing	
3997	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing	
3998	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing	
3999	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing	
4000	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing	
4001	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing	
4002	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing	
4003	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing	
4004	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing	
4005	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing	
4006	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing	
4007	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing	
4008	SVCEA	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing	
4009	SVCEA	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing	
4010	SVCEA	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing	
4011	SVCEA	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing	
4012	SVCEA	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing	
4013	SVCEA	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing	
4014	SVCEA	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing	
4015	SVCEA	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing	
4016	SVCEA	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing	
4017	SVCEA	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing	
4018	SVCEA	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing	
4019	SVCEA	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing	
4020	SVCEA	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing	
4021	SVCEA	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing	
4022	SVCEA	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing	
4023	SVCEA	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing	
4024	SVCEA	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing	
4025	SVCEA	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing	
4026	SVCEA	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing	
4027	SVCEA	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing	
4028	SVCEA	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
3996	Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1	#N/A
3997	Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1	#N/A
3998	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
3999	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
4000	Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1	#N/A
4001	Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1	#N/A
4002	Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1	#N/A
4003	Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1	#N/A
4004	Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1	#N/A
4005	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
4006	Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1	#N/A
4007	Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1	#N/A
4008	Redacted	Redacted	Redacted	1	Redacted	Redacted	4%	1	#N/A
4009	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4010	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4011	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	#N/A
4012	Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1	#N/A
4013	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4014	Redacted	Redacted	Redacted	1	Redacted	Redacted	39%	1	#N/A
4015	Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1	#N/A
4016	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A
4017	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4018	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4019	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4020	Redacted	Redacted	Redacted	1	Redacted	Redacted	4%	1	#N/A
4021	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4022	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4023	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	#N/A
4024	Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1	#N/A
4025	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4026	Redacted	Redacted	Redacted	1	Redacted	Redacted	39%	1	#N/A
4027	Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1	#N/A
4028	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3996	Redacted	ok	existing_generic	1	0	Redacted
3997	Redacted	ok	existing_generic	1	0	Redacted
3998	Redacted	ok	existing_generic	1	0	Redacted
3999	Redacted	ok	existing_generic	1	0	Redacted
4000	Redacted	ok	existing_generic	1	0	Redacted
4001	Redacted	ok	existing_generic	1	0	Redacted
4002	Redacted	ok	existing_generic	1	0	Redacted
4003	Redacted	ok	existing_generic	1	0	Redacted
4004	Redacted	ok	existing_generic	1	0	Redacted
4005	Redacted	ok	existing_generic	1	0	Redacted
4006	Redacted	ok	existing_generic	1	0	Redacted
4007	Redacted	ok	existing_generic	1	0	Redacted
4008	Redacted	ok	existing_generic	1	0	Redacted
4009	Redacted	ok	existing_generic	1	0	Redacted
4010	Redacted	ok	existing_generic	1	0	Redacted
4011	Redacted	ok	existing_generic	1	0	Redacted
4012	Redacted	ok	existing_generic	1	0	Redacted
4013	Redacted	ok	existing_generic	1	0	Redacted
4014	Redacted	ok	existing_generic	1	0	Redacted
4015	Redacted	ok	existing_generic	1	0	Redacted
4016	Redacted	ok	existing_generic	1	0	Redacted
4017	Redacted	ok	existing_generic	1	0	Redacted
4018	Redacted	ok	existing_generic	1	0	Redacted
4019	Redacted	ok	existing_generic	1	0	Redacted
4020	Redacted	ok	existing_generic	1	0	Redacted
4021	Redacted	ok	existing_generic	1	0	Redacted
4022	Redacted	ok	existing_generic	1	0	Redacted
4023	Redacted	ok	existing_generic	1	0	Redacted
4024	Redacted	ok	existing_generic	1	0	Redacted
4025	Redacted	ok	existing_generic	1	0	Redacted
4026	Redacted	ok	existing_generic	1	0	Redacted
4027	Redacted	ok	existing_generic	1	0	Redacted
4028	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
3996	0	0	1	1	1	1	1	1	1	1
3997	0	0	1	1	1	1	1	1	1	1
3998	0	0	1	1	1	1	1	1	1	1
3999	0	0	1	1	1	1	1	1	1	1
4000	0	0	1	1	1	1	1	1	1	1
4001	0	0	1	1	1	1	1	1	1	1
4002	0	0	1	1	1	1	1	1	1	1
4003	0	0	1	1	1	1	1	1	1	1
4004	0	0	1	1	1	1	1	1	1	1
4005	0	0	1	1	1	1	1	1	1	1
4006	0	0	1	1	1	1	1	1	1	1
4007	0	0	1	1	1	1	1	1	1	1
4008	1	171	1	1	1	1	1	1	1	1
4009	0	0	1	1	1	1	1	1	1	1
4010	0	0	1	1	1	1	1	1	1	1
4011	0	0	1	1	1	1	1	1	1	1
4012	0	0	1	1	1	1	1	1	1	1
4013	0	0	1	1	1	1	1	1	1	1
4014	0	0	1	1	1	1	1	1	1	1
4015	0	0	1	1	1	1	1	1	1	1
4016	0	0	1	1	1	1	1	1	1	1
4017	0	0	1	1	1	1	1	1	1	1
4018	0	0	1	1	1	1	1	1	1	1
4019	0	0	1	1	1	1	1	1	1	1
4020	0	0	1	1	1	1	1	1	1	1
4021	0	0	1	1	1	1	1	1	1	1
4022	0	0	1	1	1	1	1	1	1	1
4023	0	0	1	1	1	1	1	1	1	1
4024	0	0	1	1	1	1	1	1	1	1
4025	0	0	1	1	1	1	1	1	1	1
4026	0	0	1	1	1	1	1	1	1	1
4027	0	0	1	1	1	1	1	1	1	1
4028	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
4029	SVCEA	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing	
4030	SVCEA	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing	
4031	SVCEA	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing	
4032	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing	
4033	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing	
4034	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing	
4035	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing	
4036	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing	
4037	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing	
4038	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing	
4039	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing	
4040	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing	
4041	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing	
4042	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing	
4043	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing	
4044	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing	
4045	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing	
4046	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing	
4047	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing	
4048	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing	
4049	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing	
4050	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing	
4051	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing	
4052	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing	
4053	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing	
4054	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing	
4055	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing	
4056	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing	
4057	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing	
4058	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing	
4059	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing	
4060	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing	
4061	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
4029	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4030	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4031	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4032	Redacted	Redacted	Redacted	1	Redacted	Redacted	4%	1	#N/A
4033	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4034	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4035	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	#N/A
4036	Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1	#N/A
4037	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4038	Redacted	Redacted	Redacted	1	Redacted	Redacted	39%	1	#N/A
4039	Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1	#N/A
4040	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A
4041	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4042	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4043	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4044	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4045	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4046	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	#N/A
4047	Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1	#N/A
4048	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A
4049	Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1	#N/A
4050	Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1	#N/A
4051	Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1	#N/A
4052	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4053	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4054	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4055	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4056	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4057	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4058	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A
4059	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4060	Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1	#N/A
4061	Redacted	Redacted	Redacted	1	Redacted	Redacted	24%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4029	Redacted	ok	existing_generic	1	0	Redacted
4030	Redacted	ok	existing_generic	1	0	Redacted
4031	Redacted	ok	existing_generic	1	0	Redacted
4032	Redacted	ok	existing_generic	1	0	Redacted
4033	Redacted	ok	existing_generic	1	0	Redacted
4034	Redacted	ok	existing_generic	1	0	Redacted
4035	Redacted	ok	existing_generic	1	0	Redacted
4036	Redacted	ok	existing_generic	1	0	Redacted
4037	Redacted	ok	existing_generic	1	0	Redacted
4038	Redacted	ok	existing_generic	1	0	Redacted
4039	Redacted	ok	existing_generic	1	0	Redacted
4040	Redacted	ok	existing_generic	1	0	Redacted
4041	Redacted	ok	existing_generic	1	0	Redacted
4042	Redacted	ok	existing_generic	1	0	Redacted
4043	Redacted	ok	existing_generic	1	0	Redacted
4044	Redacted	ok	existing_generic	1	0	Redacted
4045	Redacted	ok	existing_generic	1	0	Redacted
4046	Redacted	ok	existing_generic	1	0	Redacted
4047	Redacted	ok	existing_generic	1	0	Redacted
4048	Redacted	ok	existing_generic	1	0	Redacted
4049	Redacted	ok	existing_generic	1	0	Redacted
4050	Redacted	ok	existing_generic	1	0	Redacted
4051	Redacted	ok	existing_generic	1	0	Redacted
4052	Redacted	ok	existing_generic	1	0	Redacted
4053	Redacted	ok	existing_generic	1	0	Redacted
4054	Redacted	ok	existing_generic	1	0	Redacted
4055	Redacted	ok	existing_generic	1	0	Redacted
4056	Redacted	ok	existing_generic	1	0	Redacted
4057	Redacted	ok	existing_generic	1	0	Redacted
4058	Redacted	ok	existing_generic	1	0	Redacted
4059	Redacted	ok	existing_generic	1	0	Redacted
4060	Redacted	ok	existing_generic	1	0	Redacted
4061	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
4029	0	0	1	1	1	1	1	1	1	1
4030	0	0	1	1	1	1	1	1	1	1
4031	0	0	1	1	1	1	1	1	1	1
4032	0	0	1	1	1	1	1	1	1	1
4033	0	0	1	1	1	1	1	1	1	1
4034	0	0	1	1	1	1	1	1	1	1
4035	0	0	1	1	1	1	1	1	1	1
4036	0	0	1	1	1	1	1	1	1	1
4037	0	0	1	1	1	1	1	1	1	1
4038	0	0	1	1	1	1	1	1	1	1
4039	0	0	1	1	1	1	1	1	1	1
4040	0	0	1	1	1	1	1	1	1	1
4041	0	0	1	1	1	1	1	1	1	1
4042	0	0	1	1	1	1	1	1	1	1
4043	0	0	1	1	1	1	1	1	1	1
4044	0	0	1	1	1	1	1	1	1	1
4045	0	0	1	1	1	1	1	1	1	1
4046	0	0	1	1	1	1	1	1	1	1
4047	0	0	1	1	1	1	1	1	1	1
4048	0	0	1	1	1	1	1	1	1	1
4049	0	0	1	1	1	1	1	1	1	1
4050	0	0	1	1	1	1	1	1	1	1
4051	0	0	1	1	1	1	1	1	1	1
4052	0	0	1	1	1	1	1	1	1	1
4053	0	0	1	1	1	1	1	1	1	1
4054	0	0	1	1	1	1	1	1	1	1
4055	0	0	1	1	1	1	1	1	1	1
4056	0	0	1	1	1	1	1	1	1	1
4057	0	0	1	1	1	1	1	1	1	1
4058	0	0	1	1	1	1	1	1	1	1
4059	0	0	1	1	1	1	1	1	1	1
4060	0	0	1	1	1	1	1	1	1	1
4061	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
4062	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing	
4063	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing	
4064	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing	
4065	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing	
4066	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing	
4067	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing	
4068	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing	
4069	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing	
4070	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing	
4071	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing	
4072	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing	
4073	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing	
4074	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing	
4075	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing	
4076	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing	
4077	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing	
4078	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing	
4079	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing	
4080	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing	
4081	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing	
4082	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing	
4083	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing	
4084	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing	
4085	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing	
4086	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing	
4087	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing	
4088	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing	
4089	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing	
4090	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing	
4091	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing	
4092	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing	
4093	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing	
4094	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
4062	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4063	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	#N/A
4064	Redacted	Redacted	Redacted	1	Redacted	Redacted	11%	1	#N/A
4065	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4066	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4067	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4068	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4069	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4070	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4071	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4072	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4073	Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1	#N/A
4074	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4075	Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1	#N/A
4076	Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1	#N/A
4077	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4078	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4079	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4080	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4081	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4082	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4083	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4084	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4085	Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1	#N/A
4086	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4087	Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1	#N/A
4088	Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1	#N/A
4089	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4090	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4091	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4092	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4093	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4094	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4062	Redacted	ok	existing_generic	1	0	Redacted
4063	Redacted	ok	existing_generic	1	0	Redacted
4064	Redacted	ok	existing_generic	1	0	Redacted
4065	Redacted	ok	existing_generic	1	0	Redacted
4066	Redacted	ok	existing_generic	1	0	Redacted
4067	Redacted	ok	existing_generic	1	0	Redacted
4068	Redacted	ok	existing_generic	1	0	Redacted
4069	Redacted	ok	existing_generic	1	0	Redacted
4070	Redacted	ok	existing_generic	1	0	Redacted
4071	Redacted	ok	existing_generic	1	0	Redacted
4072	Redacted	ok	existing_generic	1	0	Redacted
4073	Redacted	ok	existing_generic	1	0	Redacted
4074	Redacted	ok	existing_generic	1	0	Redacted
4075	Redacted	ok	existing_generic	1	0	Redacted
4076	Redacted	ok	existing_generic	1	0	Redacted
4077	Redacted	ok	existing_generic	1	0	Redacted
4078	Redacted	ok	existing_generic	1	0	Redacted
4079	Redacted	ok	existing_generic	1	0	Redacted
4080	Redacted	ok	existing_generic	1	0	Redacted
4081	Redacted	ok	existing_generic	1	0	Redacted
4082	Redacted	ok	existing_generic	1	0	Redacted
4083	Redacted	ok	existing_generic	1	0	Redacted
4084	Redacted	ok	existing_generic	1	0	Redacted
4085	Redacted	ok	existing_generic	1	0	Redacted
4086	Redacted	ok	existing_generic	1	0	Redacted
4087	Redacted	ok	existing_generic	1	0	Redacted
4088	Redacted	ok	existing_generic	1	0	Redacted
4089	Redacted	ok	existing_generic	1	0	Redacted
4090	Redacted	ok	existing_generic	1	0	Redacted
4091	Redacted	ok	existing_generic	1	0	Redacted
4092	Redacted	ok	existing_generic	1	0	Redacted
4093	Redacted	ok	existing_generic	1	0	Redacted
4094	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
4062	0	0	1	1	1	1	1	1	1	1
4063	0	0	1	1	1	1	1	1	1	1
4064	0	0	1	1	1	1	1	1	1	1
4065	0	0	1	1	1	1	1	1	1	1
4066	0	0	1	1	1	1	1	1	1	1
4067	0	0	1	1	1	1	1	1	1	1
4068	0	0	1	1	1	1	1	1	1	1
4069	0	0	1	1	1	1	1	1	1	1
4070	0	0	1	1	1	1	1	1	1	1
4071	0	0	1	1	1	1	1	1	1	1
4072	0	0	1	1	1	1	1	1	1	1
4073	0	0	1	1	1	1	1	1	1	1
4074	0	0	1	1	1	1	1	1	1	1
4075	0	0	1	1	1	1	1	1	1	1
4076	0	0	1	1	1	1	1	1	1	1
4077	0	0	1	1	1	1	1	1	1	1
4078	0	0	1	1	1	1	1	1	1	1
4079	0	0	1	1	1	1	1	1	1	1
4080	0	0	1	1	1	1	1	1	1	1
4081	0	0	1	1	1	1	1	1	1	1
4082	0	0	1	1	1	1	1	1	1	1
4083	0	0	1	1	1	1	1	1	1	1
4084	0	0	1	1	1	1	1	1	1	1
4085	0	0	1	1	1	1	1	1	1	1
4086	0	0	1	1	1	1	1	1	1	1
4087	0	0	1	1	1	1	1	1	1	1
4088	0	0	1	1	1	1	1	1	1	1
4089	0	0	1	1	1	1	1	1	1	1
4090	0	0	1	1	1	1	1	1	1	1
4091	0	0	1	1	1	1	1	1	1	1
4092	0	0	1	1	1	1	1	1	1	1
4093	0	0	1	1	1	1	1	1	1	1
4094	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
4095	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing	
4096	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing	
4097	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing	
4098	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing	
4099	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing	
4100	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing	
4101	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing	
4102	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing	
4103	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing	
4104	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing	
4105	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing	
4106	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing	
4107	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing	
4108	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing	
4109	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing	
4110	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing	
4111	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing	
4112	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing	
4113	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing	
4114	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing	
4115	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing	
4116	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing	
4117	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing	
4118	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing	
4119	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing	
4120	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing	
4121	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing	
4122	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing	
4123	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing	
4124	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing	
4125	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing	
4126	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing	
4127	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
4095	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4096	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4097	Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1	#N/A
4098	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4099	Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1	#N/A
4100	Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1	#N/A
4101	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4102	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4103	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4104	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4105	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4106	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4107	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4108	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4109	Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1	#N/A
4110	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4111	Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1	#N/A
4112	Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1	#N/A
4113	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4114	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4115	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4116	Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1	#N/A
4117	Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1	#N/A
4118	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4119	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4120	Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1	#N/A
4121	Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1	#N/A
4122	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4123	Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1	#N/A
4124	Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1	#N/A
4125	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4126	Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1	#N/A
4127	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4095	Redacted	ok	existing_generic	1	0	Redacted
4096	Redacted	ok	existing_generic	1	0	Redacted
4097	Redacted	ok	existing_generic	1	0	Redacted
4098	Redacted	ok	existing_generic	1	0	Redacted
4099	Redacted	ok	existing_generic	1	0	Redacted
4100	Redacted	ok	existing_generic	1	0	Redacted
4101	Redacted	ok	existing_generic	1	0	Redacted
4102	Redacted	ok	existing_generic	1	0	Redacted
4103	Redacted	ok	existing_generic	1	0	Redacted
4104	Redacted	ok	existing_generic	1	0	Redacted
4105	Redacted	ok	existing_generic	1	0	Redacted
4106	Redacted	ok	existing_generic	1	0	Redacted
4107	Redacted	ok	existing_generic	1	0	Redacted
4108	Redacted	ok	existing_generic	1	0	Redacted
4109	Redacted	ok	existing_generic	1	0	Redacted
4110	Redacted	ok	existing_generic	1	0	Redacted
4111	Redacted	ok	existing_generic	1	0	Redacted
4112	Redacted	ok	existing_generic	1	0	Redacted
4113	Redacted	ok	existing_generic	1	0	Redacted
4114	Redacted	ok	existing_generic	1	0	Redacted
4115	Redacted	ok	existing_generic	1	0	Redacted
4116	Redacted	ok	existing_generic	1	0	Redacted
4117	Redacted	ok	existing_generic	1	0	Redacted
4118	Redacted	ok	existing_generic	1	0	Redacted
4119	Redacted	ok	existing_generic	1	0	Redacted
4120	Redacted	ok	existing_generic	1	0	Redacted
4121	Redacted	ok	existing_generic	1	0	Redacted
4122	Redacted	ok	existing_generic	1	0	Redacted
4123	Redacted	ok	existing_generic	1	0	Redacted
4124	Redacted	ok	existing_generic	1	0	Redacted
4125	Redacted	ok	existing_generic	1	0	Redacted
4126	Redacted	ok	existing_generic	1	0	Redacted
4127	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
4095	0	0	1	1	1	1	1	1	1	1
4096	0	0	1	1	1	1	1	1	1	1
4097	0	0	1	1	1	1	1	1	1	1
4098	0	0	1	1	1	1	1	1	1	1
4099	0	0	1	1	1	1	1	1	1	1
4100	0	0	1	1	1	1	1	1	1	1
4101	0	0	1	1	1	1	1	1	1	1
4102	0	0	1	1	1	1	1	1	1	1
4103	0	0	1	1	1	1	1	1	1	1
4104	0	0	1	1	1	1	1	1	1	1
4105	0	0	1	1	1	1	1	1	1	1
4106	0	0	1	1	1	1	1	1	1	1
4107	0	0	1	1	1	1	1	1	1	1
4108	0	0	1	1	1	1	1	1	1	1
4109	0	0	1	1	1	1	1	1	1	1
4110	0	0	1	1	1	1	1	1	1	1
4111	0	0	1	1	1	1	1	1	1	1
4112	0	0	1	1	1	1	1	1	1	1
4113	0	0	1	1	1	1	1	1	1	1
4114	0	0	1	1	1	1	1	1	1	1
4115	0	0	1	1	1	1	1	1	1	1
4116	0	0	1	1	1	1	1	1	1	1
4117	0	0	1	1	1	1	1	1	1	1
4118	0	0	1	1	1	1	1	1	1	1
4119	0	0	1	1	1	1	1	1	1	1
4120	0	0	1	1	1	1	1	1	1	1
4121	0	0	1	1	1	1	1	1	1	1
4122	0	0	1	1	1	1	1	1	1	1
4123	0	0	1	1	1	1	1	1	1	1
4124	0	0	1	1	1	1	1	1	1	1
4125	0	0	1	1	1	1	1	1	1	1
4126	0	0	1	1	1	1	1	1	1	1
4127	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
4128	SVCEA	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing	
4129	SVCEA	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing	
4130	SVCEA	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing	
4131	SVCEA	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing	
4132	SVCEA	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing	
4133	SVCEA	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing	
4134	SVCEA	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing	
4135	SVCEA	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing	
4136	SVCEA	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing	
4137	SVCEA	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing	
4138	SVCEA	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing	
4139	SVCEA	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing	
4140	SVCEA	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing	
4141	SVCEA	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing	
4142	SVCEA	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing	
4143	SVCEA	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing	
4144	SVCEA	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing	
4145	SVCEA	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing	
4146	SVCEA	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing	
4147	SVCEA	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing	
4148	SVCEA	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing	
4149	SVCEA	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing	
4150	SVCEA	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing	
4151	SVCEA	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing	
4152	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing	
4153	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing	
4154	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing	
4155	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing	
4156	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing	
4157	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing	
4158	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing	
4159	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing	
4160	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
4128	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A
4129	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4130	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	#N/A
4131	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4132	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4133	Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1	#N/A
4134	Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1	#N/A
4135	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	#N/A
4136	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	#N/A
4137	Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1	#N/A
4138	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4139	Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1	#N/A
4140	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A
4141	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4142	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	#N/A
4143	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4144	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4145	Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1	#N/A
4146	Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1	#N/A
4147	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	#N/A
4148	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	#N/A
4149	Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1	#N/A
4150	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4151	Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1	#N/A
4152	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A
4153	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4154	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	#N/A
4155	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4156	Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1	#N/A
4157	Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1	#N/A
4158	Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1	#N/A
4159	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	#N/A
4160	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4128	Redacted	ok	existing_generic	1	0	Redacted
4129	Redacted	ok	existing_generic	1	0	Redacted
4130	Redacted	ok	existing_generic	1	0	Redacted
4131	Redacted	ok	existing_generic	1	0	Redacted
4132	Redacted	ok	existing_generic	1	0	Redacted
4133	Redacted	ok	existing_generic	1	0	Redacted
4134	Redacted	ok	existing_generic	1	0	Redacted
4135	Redacted	ok	existing_generic	1	0	Redacted
4136	Redacted	ok	existing_generic	1	0	Redacted
4137	Redacted	ok	existing_generic	1	0	Redacted
4138	Redacted	ok	existing_generic	1	0	Redacted
4139	Redacted	ok	existing_generic	1	0	Redacted
4140	Redacted	ok	existing_generic	1	0	Redacted
4141	Redacted	ok	existing_generic	1	0	Redacted
4142	Redacted	ok	existing_generic	1	0	Redacted
4143	Redacted	ok	existing_generic	1	0	Redacted
4144	Redacted	ok	existing_generic	1	0	Redacted
4145	Redacted	ok	existing_generic	1	0	Redacted
4146	Redacted	ok	existing_generic	1	0	Redacted
4147	Redacted	ok	existing_generic	1	0	Redacted
4148	Redacted	ok	existing_generic	1	0	Redacted
4149	Redacted	ok	existing_generic	1	0	Redacted
4150	Redacted	ok	existing_generic	1	0	Redacted
4151	Redacted	ok	existing_generic	1	0	Redacted
4152	Redacted	ok	existing_generic	1	0	Redacted
4153	Redacted	ok	existing_generic	1	0	Redacted
4154	Redacted	ok	existing_generic	1	0	Redacted
4155	Redacted	ok	existing_generic	1	0	Redacted
4156	Redacted	ok	existing_generic	1	0	Redacted
4157	Redacted	ok	existing_generic	1	0	Redacted
4158	Redacted	ok	existing_generic	1	0	Redacted
4159	Redacted	ok	existing_generic	1	0	Redacted
4160	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
4128	1	172	1	1	1	1	1	1	1	1
4129	0	0	1	1	1	1	1	1	1	1
4130	0	0	1	1	1	1	1	1	1	1
4131	0	0	1	1	1	1	1	1	1	1
4132	0	0	1	1	1	1	1	1	1	1
4133	0	0	1	1	1	1	1	1	1	1
4134	0	0	1	1	1	1	1	1	1	1
4135	0	0	1	1	1	1	1	1	1	1
4136	0	0	1	1	1	1	1	1	1	1
4137	0	0	1	1	1	1	1	1	1	1
4138	0	0	1	1	1	1	1	1	1	1
4139	0	0	1	1	1	1	1	1	1	1
4140	0	0	1	1	1	1	1	1	1	1
4141	0	0	1	1	1	1	1	1	1	1
4142	0	0	1	1	1	1	1	1	1	1
4143	0	0	1	1	1	1	1	1	1	1
4144	0	0	1	1	1	1	1	1	1	1
4145	0	0	1	1	1	1	1	1	1	1
4146	0	0	1	1	1	1	1	1	1	1
4147	0	0	1	1	1	1	1	1	1	1
4148	0	0	1	1	1	1	1	1	1	1
4149	0	0	1	1	1	1	1	1	1	1
4150	0	0	1	1	1	1	1	1	1	1
4151	0	0	1	1	1	1	1	1	1	1
4152	0	0	1	1	1	1	1	1	1	1
4153	0	0	1	1	1	1	1	1	1	1
4154	0	0	1	1	1	1	1	1	1	1
4155	0	0	1	1	1	1	1	1	1	1
4156	0	0	1	1	1	1	1	1	1	1
4157	0	0	1	1	1	1	1	1	1	1
4158	0	0	1	1	1	1	1	1	1	1
4159	0	0	1	1	1	1	1	1	1	1
4160	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
4161	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing	
4162	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing	
4163	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing	
4164	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing	
4165	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing	
4166	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing	
4167	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing	
4168	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing	
4169	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing	
4170	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing	
4171	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing	
4172	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing	
4173	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing	
4174	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing	
4175	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing	
4176	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing	
4177	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing	
4178	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing	
4179	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing	
4180	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing	
4181	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing	
4182	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing	
4183	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing	
4184	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing	
4185	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing	
4186	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing	
4187	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing	
4188	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing	
4189	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing	
4190	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing	
4191	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing	
4192	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing	
4193	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
4161	Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1	#N/A
4162	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4163	Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1	#N/A
4164	Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1	#N/A
4165	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A
4166	Redacted	Redacted	Redacted	1	Redacted	Redacted	32%	1	#N/A
4167	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	#N/A
4168	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	#N/A
4169	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4170	Redacted	Redacted	Redacted	1	Redacted	Redacted	26%	1	#N/A
4171	Redacted	Redacted	Redacted	1	Redacted	Redacted	24%	1	#N/A
4172	Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1	#N/A
4173	Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1	#N/A
4174	Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1	#N/A
4175	Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1	#N/A
4176	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	#N/A
4177	Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1	#N/A
4178	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4179	Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1	#N/A
4180	Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1	#N/A
4181	Redacted	Redacted	Redacted	1	Redacted	Redacted	44%	1	#N/A
4182	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4183	Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1	#N/A
4184	Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1	#N/A
4185	Redacted	Redacted	Redacted	1	Redacted	Redacted	11%	1	#N/A
4186	Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1	#N/A
4187	Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1	#N/A
4188	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	#N/A
4189	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4190	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	#N/A
4191	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4192	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4193	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4161	Redacted	ok	existing_generic	1	0	Redacted
4162	Redacted	ok	existing_generic	1	0	Redacted
4163	Redacted	ok	existing_generic	1	0	Redacted
4164	Redacted	ok	existing_generic	1	0	Redacted
4165	Redacted	ok	existing_generic	1	0	Redacted
4166	Redacted	ok	existing_generic	1	0	Redacted
4167	Redacted	ok	existing_generic	1	0	Redacted
4168	Redacted	ok	existing_generic	1	0	Redacted
4169	Redacted	ok	existing_generic	1	0	Redacted
4170	Redacted	ok	existing_generic	1	0	Redacted
4171	Redacted	ok	existing_generic	1	0	Redacted
4172	Redacted	ok	existing_generic	1	0	Redacted
4173	Redacted	ok	existing_generic	1	0	Redacted
4174	Redacted	ok	existing_generic	1	0	Redacted
4175	Redacted	ok	existing_generic	1	0	Redacted
4176	Redacted	ok	existing_generic	1	0	Redacted
4177	Redacted	ok	existing_generic	1	0	Redacted
4178	Redacted	ok	existing_generic	1	0	Redacted
4179	Redacted	ok	existing_generic	1	0	Redacted
4180	Redacted	ok	existing_generic	1	0	Redacted
4181	Redacted	ok	existing_generic	1	0	Redacted
4182	Redacted	ok	existing_generic	1	0	Redacted
4183	Redacted	ok	existing_generic	1	0	Redacted
4184	Redacted	ok	existing_generic	1	0	Redacted
4185	Redacted	ok	existing_generic	1	0	Redacted
4186	Redacted	ok	existing_generic	1	0	Redacted
4187	Redacted	ok	existing_generic	1	0	Redacted
4188	Redacted	ok	existing_generic	1	0	Redacted
4189	Redacted	ok	existing_generic	1	0	Redacted
4190	Redacted	ok	existing_generic	1	0	Redacted
4191	Redacted	ok	existing_generic	1	0	Redacted
4192	Redacted	ok	existing_generic	1	0	Redacted
4193	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
4161	0	0	1	1	1	1	1	1	1	1
4162	0	0	1	1	1	1	1	1	1	1
4163	0	0	1	1	1	1	1	1	1	1
4164	0	0	1	1	1	1	1	1	1	1
4165	0	0	1	1	1	1	1	1	1	1
4166	0	0	1	1	1	1	1	1	1	1
4167	0	0	1	1	1	1	1	1	1	1
4168	0	0	1	1	1	1	1	1	1	1
4169	0	0	1	1	1	1	1	1	1	1
4170	0	0	1	1	1	1	1	1	1	1
4171	0	0	1	1	1	1	1	1	1	1
4172	0	0	1	1	1	1	1	1	1	1
4173	0	0	1	1	1	1	1	1	1	1
4174	0	0	1	1	1	1	1	1	1	1
4175	0	0	1	1	1	1	1	1	1	1
4176	0	0	1	1	1	1	1	1	1	1
4177	0	0	1	1	1	1	1	1	1	1
4178	0	0	1	1	1	1	1	1	1	1
4179	0	0	1	1	1	1	1	1	1	1
4180	0	0	1	1	1	1	1	1	1	1
4181	0	0	1	1	1	1	1	1	1	1
4182	0	0	1	1	1	1	1	1	1	1
4183	0	0	1	1	1	1	1	1	1	1
4184	0	0	1	1	1	1	1	1	1	1
4185	0	0	1	1	1	1	1	1	1	1
4186	0	0	1	1	1	1	1	1	1	1
4187	0	0	1	1	1	1	1	1	1	1
4188	0	0	1	1	1	1	1	1	1	1
4189	0	0	1	1	1	1	1	1	1	1
4190	0	0	1	1	1	1	1	1	1	1
4191	0	0	1	1	1	1	1	1	1	1
4192	0	0	1	1	1	1	1	1	1	1
4193	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
4194	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing	
4195	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing	
4196	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing	
4197	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing	
4198	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing	
4199	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing	
4200	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing	
4201	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing	
4202	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing	
4203	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing	
4204	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing	
4205	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing	
4206	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing	
4207	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing	
4208	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing	
4209	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing	
4210	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing	
4211	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing	
4212	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing	
4213	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing	
4214	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing	
4215	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing	
4216	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing	
4217	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing	
4218	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing	
4219	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing	
4220	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing	
4221	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing	
4222	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing	
4223	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing	
4224	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing	
4225	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing	
4226	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
4194	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	#N/A
4195	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4196	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	#N/A
4197	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4198	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4199	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	#N/A
4200	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	#N/A
4201	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4202	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	#N/A
4203	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4204	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4205	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	#N/A
4206	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	#N/A
4207	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4208	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	#N/A
4209	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4210	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4211	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	#N/A
4212	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	#N/A
4213	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4214	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	#N/A
4215	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4216	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4217	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	#N/A
4218	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	#N/A
4219	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4220	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	#N/A
4221	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4222	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4223	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	#N/A
4224	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	#N/A
4225	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4226	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4194	Redacted	ok	existing_generic	1	0	Redacted
4195	Redacted	ok	existing_generic	1	0	Redacted
4196	Redacted	ok	existing_generic	1	0	Redacted
4197	Redacted	ok	existing_generic	1	0	Redacted
4198	Redacted	ok	existing_generic	1	0	Redacted
4199	Redacted	ok	existing_generic	1	0	Redacted
4200	Redacted	ok	existing_generic	1	0	Redacted
4201	Redacted	ok	existing_generic	1	0	Redacted
4202	Redacted	ok	existing_generic	1	0	Redacted
4203	Redacted	ok	existing_generic	1	0	Redacted
4204	Redacted	ok	existing_generic	1	0	Redacted
4205	Redacted	ok	existing_generic	1	0	Redacted
4206	Redacted	ok	existing_generic	1	0	Redacted
4207	Redacted	ok	existing_generic	1	0	Redacted
4208	Redacted	ok	existing_generic	1	0	Redacted
4209	Redacted	ok	existing_generic	1	0	Redacted
4210	Redacted	ok	existing_generic	1	0	Redacted
4211	Redacted	ok	existing_generic	1	0	Redacted
4212	Redacted	ok	existing_generic	1	0	Redacted
4213	Redacted	ok	existing_generic	1	0	Redacted
4214	Redacted	ok	existing_generic	1	0	Redacted
4215	Redacted	ok	existing_generic	1	0	Redacted
4216	Redacted	ok	existing_generic	1	0	Redacted
4217	Redacted	ok	existing_generic	1	0	Redacted
4218	Redacted	ok	existing_generic	1	0	Redacted
4219	Redacted	ok	existing_generic	1	0	Redacted
4220	Redacted	ok	existing_generic	1	0	Redacted
4221	Redacted	ok	existing_generic	1	0	Redacted
4222	Redacted	ok	existing_generic	1	0	Redacted
4223	Redacted	ok	existing_generic	1	0	Redacted
4224	Redacted	ok	existing_generic	1	0	Redacted
4225	Redacted	ok	existing_generic	1	0	Redacted
4226	Redacted	ok	existing_generic	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
4194	0	0	1	1	1	1	1	1	1	1
4195	0	0	1	1	1	1	1	1	1	1
4196	0	0	1	1	1	1	1	1	1	1
4197	0	0	1	1	1	1	1	1	1	1
4198	0	0	1	1	1	1	1	1	1	1
4199	0	0	1	1	1	1	1	1	1	1
4200	0	0	1	1	1	1	1	1	1	1
4201	0	0	1	1	1	1	1	1	1	1
4202	0	0	1	1	1	1	1	1	1	1
4203	0	0	1	1	1	1	1	1	1	1
4204	0	0	1	1	1	1	1	1	1	1
4205	0	0	1	1	1	1	1	1	1	1
4206	0	0	1	1	1	1	1	1	1	1
4207	0	0	1	1	1	1	1	1	1	1
4208	0	0	1	1	1	1	1	1	1	1
4209	0	0	1	1	1	1	1	1	1	1
4210	0	0	1	1	1	1	1	1	1	1
4211	0	0	1	1	1	1	1	1	1	1
4212	0	0	1	1	1	1	1	1	1	1
4213	0	0	1	1	1	1	1	1	1	1
4214	0	0	1	1	1	1	1	1	1	1
4215	0	0	1	1	1	1	1	1	1	1
4216	0	0	1	1	1	1	1	1	1	1
4217	0	0	1	1	1	1	1	1	1	1
4218	0	0	1	1	1	1	1	1	1	1
4219	0	0	1	1	1	1	1	1	1	1
4220	0	0	1	1	1	1	1	1	1	1
4221	0	0	1	1	1	1	1	1	1	1
4222	0	0	1	1	1	1	1	1	1	1
4223	0	0	1	1	1	1	1	1	1	1
4224	0	0	1	1	1	1	1	1	1	1
4225	0	0	1	1	1	1	1	1	1	1
4226	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
4227	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing	
4228	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing	
4229	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing	
4230	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing	
4231	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing	
4232	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing	
4233	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing	
4234	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing	
4235	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing	
4236	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing	
4237	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing	
4238	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing	
4239	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing	
4240	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing	
4241	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing	
4242	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing	
4243	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing	
4244	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing	
4245	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing	
4246	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing	
4247	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing	
4248	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		review	
4249	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		review	
4250	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		review	
4251	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		review	
4252	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		review	
4253	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		review	
4254	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		review	
4255	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		review	
4256	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		review	
4257	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		review	
4258	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		review	
4259	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		review	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
4227	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4228	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4229	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	#N/A
4230	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	#N/A
4231	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4232	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	#N/A
4233	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4234	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4235	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	#N/A
4236	Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1	#N/A
4237	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4238	Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1	#N/A
4239	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4240	Redacted	Redacted	Redacted	1	Redacted	Redacted	37%	1	#N/A
4241	Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1	#N/A
4242	Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1	#N/A
4243	Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1	#N/A
4244	Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1	#N/A
4245	Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1	#N/A
4246	Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1	#N/A
4247	Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1	#N/A
4248	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4249	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4250	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4251	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4252	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4253	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4254	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4255	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4256	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4257	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4258	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4259	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4227	Redacted	ok	existing_generic	1	0	Redacted
4228	Redacted	ok	existing_generic	1	0	Redacted
4229	Redacted	ok	existing_generic	1	0	Redacted
4230	Redacted	ok	existing_generic	1	0	Redacted
4231	Redacted	ok	existing_generic	1	0	Redacted
4232	Redacted	ok	existing_generic	1	0	Redacted
4233	Redacted	ok	existing_generic	1	0	Redacted
4234	Redacted	ok	existing_generic	1	0	Redacted
4235	Redacted	ok	existing_generic	1	0	Redacted
4236	Redacted	ok	existing_generic	1	0	Redacted
4237	Redacted	ok	existing_generic	1	0	Redacted
4238	Redacted	ok	existing_generic	1	0	Redacted
4239	Redacted	ok	existing_generic	1	0	Redacted
4240	Redacted	ok	existing_generic	1	0	Redacted
4241	Redacted	ok	existing_generic	1	0	Redacted
4242	Redacted	ok	existing_generic	1	0	Redacted
4243	Redacted	ok	existing_generic	1	0	Redacted
4244	Redacted	ok	existing_generic	1	0	Redacted
4245	Redacted	ok	existing_generic	1	0	Redacted
4246	Redacted	ok	existing_generic	1	0	Redacted
4247	Redacted	ok	existing_generic	1	0	Redacted
4248	Redacted	ok	special	1	0	Redacted
4249	Redacted	ok	special	1	0	Redacted
4250	Redacted	ok	special	1	0	Redacted
4251	Redacted	ok	special	1	0	Redacted
4252	Redacted	ok	special	1	0	Redacted
4253	Redacted	ok	special	1	0	Redacted
4254	Redacted	ok	special	1	0	Redacted
4255	Redacted	ok	special	1	0	Redacted
4256	Redacted	ok	special	1	0	Redacted
4257	Redacted	ok	special	1	0	Redacted
4258	Redacted	ok	special	1	0	Redacted
4259	Redacted	ok	special	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
4227	0	0	1	1	1	1	1	1	1	1
4228	0	0	1	1	1	1	1	1	1	1
4229	0	0	1	1	1	1	1	1	1	1
4230	0	0	1	1	1	1	1	1	1	1
4231	0	0	1	1	1	1	1	1	1	1
4232	0	0	1	1	1	1	1	1	1	1
4233	0	0	1	1	1	1	1	1	1	1
4234	0	0	1	1	1	1	1	1	1	1
4235	0	0	1	1	1	1	1	1	1	1
4236	0	0	1	1	1	1	1	1	1	1
4237	0	0	1	1	1	1	1	1	1	1
4238	0	0	1	1	1	1	1	1	1	1
4239	0	0	1	1	1	1	1	1	1	1
4240	0	0	1	1	1	1	1	1	1	1
4241	0	0	1	1	1	1	1	1	1	1
4242	0	0	1	1	1	1	1	1	1	1
4243	0	0	1	1	1	1	1	1	1	1
4244	0	0	1	1	1	1	1	1	1	1
4245	0	0	1	1	1	1	1	1	1	1
4246	0	0	1	1	1	1	1	1	1	1
4247	0	0	1	1	1	1	1	1	1	1
4248	1	173	1	1	1	1	1	1	1	1
4249	0	0	1	1	1	1	1	1	1	1
4250	0	0	1	1	1	1	1	1	1	1
4251	0	0	1	1	1	1	1	1	1	1
4252	0	0	1	1	1	1	1	1	1	1
4253	0	0	1	1	1	1	1	1	1	1
4254	0	0	1	1	1	1	1	1	1	1
4255	0	0	1	1	1	1	1	1	1	1
4256	0	0	1	1	1	1	1	1	1	1
4257	0	0	1	1	1	1	1	1	1	1
4258	0	0	1	1	1	1	1	1	1	1
4259	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
4260	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		review	
4261	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		review	
4262	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		review	
4263	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		review	
4264	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		review	
4265	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		review	
4266	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		review	
4267	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		review	
4268	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		review	
4269	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		review	
4270	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		review	
4271	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		review	
4272	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		review	
4273	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		review	
4274	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		review	
4275	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		review	
4276	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		review	
4277	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		review	
4278	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		review	
4279	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		review	
4280	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		review	
4281	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		review	
4282	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		review	
4283	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		review	
4284	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		review	
4285	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		review	
4286	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		review	
4287	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		review	
4288	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		review	
4289	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		review	
4290	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		review	
4291	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		review	
4292	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		review	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
4260	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4261	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4262	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4263	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4264	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4265	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4266	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4267	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4268	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4269	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4270	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4271	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4272	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4273	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4274	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4275	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4276	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4277	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4278	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4279	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4280	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4281	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4282	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4283	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4284	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4285	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4286	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4287	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4288	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4289	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4290	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4291	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4292	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4260	Redacted	ok	special	1	0	Redacted
4261	Redacted	ok	special	1	0	Redacted
4262	Redacted	ok	special	1	0	Redacted
4263	Redacted	ok	special	1	0	Redacted
4264	Redacted	ok	special	1	0	Redacted
4265	Redacted	ok	special	1	0	Redacted
4266	Redacted	ok	special	1	0	Redacted
4267	Redacted	ok	special	1	0	Redacted
4268	Redacted	ok	special	1	0	Redacted
4269	Redacted	ok	special	1	0	Redacted
4270	Redacted	ok	special	1	0	Redacted
4271	Redacted	ok	special	1	0	Redacted
4272	Redacted	ok	special	1	0	Redacted
4273	Redacted	ok	special	1	0	Redacted
4274	Redacted	ok	special	1	0	Redacted
4275	Redacted	ok	special	1	0	Redacted
4276	Redacted	ok	special	1	0	Redacted
4277	Redacted	ok	special	1	0	Redacted
4278	Redacted	ok	special	1	0	Redacted
4279	Redacted	ok	special	1	0	Redacted
4280	Redacted	ok	special	1	0	Redacted
4281	Redacted	ok	special	1	0	Redacted
4282	Redacted	ok	special	1	0	Redacted
4283	Redacted	ok	special	1	0	Redacted
4284	Redacted	ok	special	1	0	Redacted
4285	Redacted	ok	special	1	0	Redacted
4286	Redacted	ok	special	1	0	Redacted
4287	Redacted	ok	special	1	0	Redacted
4288	Redacted	ok	special	1	0	Redacted
4289	Redacted	ok	special	1	0	Redacted
4290	Redacted	ok	special	1	0	Redacted
4291	Redacted	ok	special	1	0	Redacted
4292	Redacted	ok	special	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
4260	0	0	1	1	1	1	1	1	1	1
4261	0	0	1	1	1	1	1	1	1	1
4262	0	0	1	1	1	1	1	1	1	1
4263	0	0	1	1	1	1	1	1	1	1
4264	0	0	1	1	1	1	1	1	1	1
4265	0	0	1	1	1	1	1	1	1	1
4266	0	0	1	1	1	1	1	1	1	1
4267	0	0	1	1	1	1	1	1	1	1
4268	0	0	1	1	1	1	1	1	1	1
4269	0	0	1	1	1	1	1	1	1	1
4270	0	0	1	1	1	1	1	1	1	1
4271	0	0	1	1	1	1	1	1	1	1
4272	0	0	1	1	1	1	1	1	1	1
4273	0	0	1	1	1	1	1	1	1	1
4274	0	0	1	1	1	1	1	1	1	1
4275	0	0	1	1	1	1	1	1	1	1
4276	0	0	1	1	1	1	1	1	1	1
4277	0	0	1	1	1	1	1	1	1	1
4278	0	0	1	1	1	1	1	1	1	1
4279	0	0	1	1	1	1	1	1	1	1
4280	0	0	1	1	1	1	1	1	1	1
4281	0	0	1	1	1	1	1	1	1	1
4282	0	0	1	1	1	1	1	1	1	1
4283	0	0	1	1	1	1	1	1	1	1
4284	0	0	1	1	1	1	1	1	1	1
4285	0	0	1	1	1	1	1	1	1	1
4286	0	0	1	1	1	1	1	1	1	1
4287	0	0	1	1	1	1	1	1	1	1
4288	0	0	1	1	1	1	1	1	1	1
4289	0	0	1	1	1	1	1	1	1	1
4290	0	0	1	1	1	1	1	1	1	1
4291	0	0	1	1	1	1	1	1	1	1
4292	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours
4293	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		review	
4294	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		review	
4295	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		review	
4296	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		review	
4297	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		review	
4298	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		review	
4299	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		review	
4300	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		review	
4301	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		review	
4302	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		review	
4303	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		review	
4304	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		review	
4305	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		review	
4306	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		review	
4307	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		review	
4308	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		review	
4309	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		review	
4310	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		review	
4311	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		review	
4312	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		review	
4313	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		review	
4314	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		review	
4315	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		review	
4316	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		review	
4317	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		review	
4318	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		review	
4319	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		review	

	K	L	M	N	O	P	Q	R	S
1	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
4293	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4294	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4295	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4296	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4297	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4298	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4299	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4300	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4301	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4302	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4303	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4304	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4305	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4306	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4307	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4308	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4309	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4310	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4311	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4312	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4313	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4314	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4315	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4316	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4317	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4318	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A
4319	Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1	#N/A

	T	U	V	W	X	Y
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4293	Redacted	ok	special	1	0	Redacted
4294	Redacted	ok	special	1	0	Redacted
4295	Redacted	ok	special	1	0	Redacted
4296	Redacted	ok	special	1	0	Redacted
4297	Redacted	ok	special	1	0	Redacted
4298	Redacted	ok	special	1	0	Redacted
4299	Redacted	ok	special	1	0	Redacted
4300	Redacted	ok	special	1	0	Redacted
4301	Redacted	ok	special	1	0	Redacted
4302	Redacted	ok	special	1	0	Redacted
4303	Redacted	ok	special	1	0	Redacted
4304	Redacted	ok	special	1	0	Redacted
4305	Redacted	ok	special	1	0	Redacted
4306	Redacted	ok	special	1	0	Redacted
4307	Redacted	ok	special	1	0	Redacted
4308	Redacted	ok	special	1	0	Redacted
4309	Redacted	ok	special	1	0	Redacted
4310	Redacted	ok	special	1	0	Redacted
4311	Redacted	ok	special	1	0	Redacted
4312	Redacted	ok	special	1	0	Redacted
4313	Redacted	ok	special	1	0	Redacted
4314	Redacted	ok	special	1	0	Redacted
4315	Redacted	ok	special	1	0	Redacted
4316	Redacted	ok	special	1	0	Redacted
4317	Redacted	ok	special	1	0	Redacted
4318	Redacted	ok	special	1	0	Redacted
4319	Redacted	ok	special	1	0	Redacted

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
4293	0	0	1	1	1	1	1	1	1	1
4294	0	0	1	1	1	1	1	1	1	1
4295	0	0	1	1	1	1	1	1	1	1
4296	0	0	1	1	1	1	1	1	1	1
4297	0	0	1	1	1	1	1	1	1	1
4298	0	0	1	1	1	1	1	1	1	1
4299	0	0	1	1	1	1	1	1	1	1
4300	0	0	1	1	1	1	1	1	1	1
4301	0	0	1	1	1	1	1	1	1	1
4302	0	0	1	1	1	1	1	1	1	1
4303	0	0	1	1	1	1	1	1	1	1
4304	0	0	1	1	1	1	1	1	1	1
4305	0	0	1	1	1	1	1	1	1	1
4306	0	0	1	1	1	1	1	1	1	1
4307	0	0	1	1	1	1	1	1	1	1
4308	0	0	1	1	1	1	1	1	1	1
4309	0	0	1	1	1	1	1	1	1	1
4310	0	0	1	1	1	1	1	1	1	1
4311	0	0	1	1	1	1	1	1	1	1
4312	0	0	1	1	1	1	1	1	1	1
4313	0	0	1	1	1	1	1	1	1	1
4314	0	0	1	1	1	1	1	1	1	1
4315	0	0	1	1	1	1	1	1	1	1
4316	0	0	1	1	1	1	1	1	1	1
4317	0	0	1	1	1	1	1	1	1	1
4318	0	0	1	1	1	1	1	1	1	1
4319	0	0	1	1	1	1	1	1	1	1

resource_num	resource	note	resource_contract_note	online	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental
1	Redacted	Redacted	Redacted	1	ok	3/19/18	1/1/19	12/31/20		0		0
2	Redacted	Redacted	Redacted	1	ok	3/9/18	1/1/19	12/31/23		0		0
3	Redacted	Redacted	Redacted	1	ok	3/9/18	1/1/19	12/31/23		0		0
4	Redacted	Redacted	Redacted	1	ok	3/30/18	1/1/19	12/31/20		0		0
5	Redacted	Redacted	Redacted	1	ok	3/30/18	1/1/19	12/31/20		0		0
6	Redacted	Redacted	Redacted	1	ok	3/30/18	1/1/19	12/31/20		0		0
7	Redacted	Redacted	Redacted	1	ok	3/28/18	3/1/19	12/31/20		0		0
8	Redacted	Redacted	Redacted	1	ok	3/28/18	1/1/19	12/31/20		0		0
9	Redacted	Redacted	Redacted	1	ok	5/3/18	1/1/19	12/31/21		0		0
10	Redacted	Redacted	Redacted	1	ok	5/24/18	1/1/19	12/31/20		0		0
11	Redacted	Redacted	Redacted	0	ok	10/25/18	6/30/21	6/30/38		1		1
12	Redacted	Redacted	Redacted	0	ok	10/25/18	12/1/21	12/1/41		1		1
13	Redacted	Redacted	Redacted	1	ok	8/13/19	1/1/20	12/31/20		0		0
14	Redacted	Redacted	Redacted	1	ok	8/16/19	1/1/22	12/31/22		0		0
15	Redacted	Redacted	Redacted	1	ok	8/16/19	1/1/22	12/31/22		0		0
16	Redacted	Redacted	Redacted	1	ok	8/22/19	1/1/20	12/31/22		0		0
17	Redacted	Redacted	Redacted	1	ok	9/4/19	6/1/20	6/30/20		0		0
18	Redacted	Redacted	Redacted	1	ok	9/19/19	1/1/20	12/31/22		0		0
19	Redacted	Redacted	Redacted	1	ok	9/26/19	5/1/20	10/1/20		0		1
20	Redacted	Redacted	Redacted	1	ok	10/11/19	1/1/20	12/31/20		0		0
21	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
22	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
23	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
24	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
25	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
26	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
27	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
28	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
29	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
30	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
31	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
32	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0
33	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21		0		0

resource_num	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw
1		ok	ok	ok	ok				
2		ok	ok	ok	ok				
3		ok	ok	ok	ok				
4		ok	ok	ok	ok				
5		ok	ok	ok	ok				
6		ok	ok	ok	ok				
7		ok	ok	ok	ok				
8		ok	ok	ok	ok				
9		ok	ok	ok	ok				
10		ok	ok	ok	ok				
11		ok	ok	ok	ok	46.5	186.0	1.0	93.0
12		ok	ok	ok	ok	22.0	88.0	1.0	70.0
13		ok	ok	ok	ok				
14		ok	ok	ok	ok				
15		ok	ok	ok	ok				
16		ok	ok	ok	ok				
17		ok	ok	ok	ok				
18		ok	ok	ok	ok				
19		ok	ok	ok	ok				
20		ok	ok	ok	ok				
21		ok	ok	ok	ok				
22		ok	ok	ok	ok				
23		ok	ok	ok	ok				
24		ok	ok	ok	ok				
25		ok	ok	ok	ok				
26		ok	ok	ok	ok				
27		ok	ok	ok	ok				
28		ok	ok	ok	ok				
29		ok	ok	ok	ok				
30		ok	ok	ok	ok				
31		ok	ok	ok	ok				
32		ok	ok	ok	ok				
33		ok	ok	ok	ok				

resource_num	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid
1			2018	3	2019	1	2020	12	1	1	1
2			2018	3	2019	1	2023	12	1	1	1
3			2018	3	2019	1	2023	12	1	1	1
4			2018	3	2019	1	2020	12	1	1	1
5			2018	3	2019	1	2020	12	1	1	1
6			2018	3	2019	1	2020	12	1	1	1
7			2018	3	2019	3	2020	12	1	1	1
8			2018	3	2019	1	2020	12	1	1	1
9			2018	5	2019	1	2021	12	1	1	1
10			2018	5	2019	1	2020	12	1	1	1
11	139.5	0.0	2018	10	2021	6	2038	6	1	1	1
12	92.0	0.0	2018	10	2021	12	2041	12	1	1	1
13			2019	8	2020	1	2020	12	1	1	1
14			2019	8	2022	1	2022	12	1	1	1
15			2019	8	2022	1	2022	12	1	1	1
16			2019	8	2020	1	2022	12	1	1	1
17			2019	9	2020	6	2020	6	1	1	1
18			2019	9	2020	1	2022	12	1	1	1
19			2019	9	2020	5	2020	10	1	1	1
20			2019	10	2020	1	2020	12	1	1	1
21			2019	10	2020	3	2021	11	1	1	1
22			2019	10	2020	3	2021	11	1	1	1
23			2019	10	2020	3	2021	11	1	1	1
24			2019	10	2020	3	2021	11	1	1	1
25			2019	10	2020	3	2021	11	1	1	1
26			2019	10	2020	3	2021	11	1	1	1
27			2019	10	2020	3	2021	11	1	1	1
28			2019	10	2020	3	2021	11	1	1	1
29			2019	10	2020	3	2021	11	1	1	1
30			2019	10	2020	3	2021	11	1	1	1
31			2019	10	2020	3	2021	11	1	1	1
32			2019	10	2020	3	2021	11	1	1	1
33			2019	10	2020	3	2021	11	1	1	1

resource_num	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
2	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
3	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
4	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
5	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
6	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
7	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
8	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
9	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
10	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
11	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
12	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
13	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
14	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
15	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
16	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
17	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
18	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
19	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
20	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
21	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
22	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
23	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
24	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
25	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
26	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
27	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
28	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
29	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
30	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
31	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
32	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
33	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental
34	Redacted	Redacted	Redacted	1	ok	10/21/19	6/1/20	9/30/20		0		1
35	Redacted	Redacted	Redacted	1	ok	10/21/19	4/1/20	11/30/20		0		0
36	Redacted	Redacted	Redacted	1	ok	10/21/19	4/1/20	11/30/20		0		0
37	Redacted	Redacted	Redacted	1	ok	10/21/19	1/1/20	12/31/22		0		0
38	Redacted	Redacted	Redacted	1	ok	10/22/19	7/1/20	7/31/20		0		0
39	Redacted	Redacted	Redacted	1	ok	10/25/19	1/1/20	12/31/20		0		0
40	Redacted	Redacted	Redacted	1	ok	10/25/19	1/1/20	12/31/20		0		0
41	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	3/31/20		0		0
42	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	3/31/20		0		0
43	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	3/31/20		0		0
44	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	12/31/20		0		0
45	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	12/31/20		0		0
46	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	12/31/20		0		0
47	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	12/31/20		0		0
48	Redacted	Redacted	Redacted	1	ok	10/28/19	10/1/21	12/31/21		0		0
49	Redacted	Redacted	Redacted	1	ok	10/28/19	9/1/20	9/30/20		0		0
50	Redacted	Redacted	Redacted	1	ok	10/1/19	12/1/20	12/31/20		0		0
51	Redacted	Redacted	Redacted	1	ok	10/8/19	1/1/21	12/31/21		0		0
52	Redacted	Redacted	Redacted	1	ok	10/30/19	3/1/20	10/31/20		0		0
53	Redacted	Redacted	Redacted	1	ok	10/30/19	3/1/20	10/31/20		0		0
54	Redacted	Redacted	Redacted	1	ok	10/30/19	3/1/20	10/31/20		0		0
55	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	10/31/20		0		0
56	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	10/31/20		0		0
57	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	10/31/20		0		0
58	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	10/31/20		0		0
59	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	11/30/20		0		0
60	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	11/30/20		0		0
61	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	11/30/20		0		0
62	Redacted	Redacted	Redacted	1	ok	10/31/19	10/1/20	11/30/20		0		0
63	Redacted	Redacted	Redacted	1	ok	10/30/19	6/1/20	9/30/20		0		1
64	Redacted	Redacted	Redacted	1	ok	10/31/19	1/1/22	10/31/22		0		0
65	Redacted	Redacted	Redacted	1	ok	10/31/19	1/1/22	10/31/22		0		0
66	Redacted	Redacted	Redacted	1	ok	10/28/19	1/1/20	12/31/22		0		0

resource_num	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw
34		ok	ok	ok	ok				
35		ok	ok	ok	ok				
36		ok	ok	ok	ok				
37		ok	ok	ok	ok				
38		ok	ok	ok	ok				
39		ok	ok	ok	ok				
40		ok	ok	ok	ok				
41		ok	ok	ok	ok				
42		ok	ok	ok	ok				
43		ok	ok	ok	ok				
44		ok	ok	ok	ok				
45		ok	ok	ok	ok				
46		ok	ok	ok	ok				
47		ok	ok	ok	ok				
48		ok	ok	ok	ok				
49		ok	ok	ok	ok				
50		ok	ok	ok	ok				
51		ok	ok	ok	ok				
52		ok	ok	ok	ok				
53		ok	ok	ok	ok				
54		ok	ok	ok	ok				
55		ok	ok	ok	ok				
56		ok	ok	ok	ok				
57		ok	ok	ok	ok				
58		ok	ok	ok	ok				
59		ok	ok	ok	ok				
60		ok	ok	ok	ok				
61		ok	ok	ok	ok				
62		ok	ok	ok	ok				
63		ok	ok	ok	ok				
64		ok	ok	ok	ok				
65		ok	ok	ok	ok				
66		ok	ok	ok	ok				

resource_num	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid
34			2019	10	2020	6	2020	9	1	1	1
35			2019	10	2020	4	2020	11	1	1	1
36			2019	10	2020	4	2020	11	1	1	1
37			2019	10	2020	1	2022	12	1	1	1
38			2019	10	2020	7	2020	7	1	1	1
39			2019	10	2020	1	2020	12	1	1	1
40			2019	10	2020	1	2020	12	1	1	1
41			2019	10	2020	1	2020	3	1	1	1
42			2019	10	2020	1	2020	3	1	1	1
43			2019	10	2020	1	2020	3	1	1	1
44			2019	10	2020	1	2020	12	1	1	1
45			2019	10	2020	1	2020	12	1	1	1
46			2019	10	2020	1	2020	12	1	1	1
47			2019	10	2020	1	2020	12	1	1	1
48			2019	10	2021	10	2021	12	1	1	1
49			2019	10	2020	9	2020	9	1	1	1
50			2019	10	2020	12	2020	12	1	1	1
51			2019	10	2021	1	2021	12	1	1	1
52			2019	10	2020	3	2020	10	1	1	1
53			2019	10	2020	3	2020	10	1	1	1
54			2019	10	2020	3	2020	10	1	1	1
55			2019	10	2020	1	2020	10	1	1	1
56			2019	10	2020	1	2020	10	1	1	1
57			2019	10	2020	1	2020	10	1	1	1
58			2019	10	2020	1	2020	10	1	1	1
59			2019	10	2020	1	2020	11	1	1	1
60			2019	10	2020	1	2020	11	1	1	1
61			2019	10	2020	1	2020	11	1	1	1
62			2019	10	2020	10	2020	11	1	1	1
63			2019	10	2020	6	2020	9	1	1	1
64			2019	10	2022	1	2022	10	1	1	1
65			2019	10	2022	1	2022	10	1	1	1
66			2019	10	2020	1	2022	12	1	1	1

resource_num	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
34	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
35	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
36	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
37	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
38	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
39	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
40	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
41	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
42	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
43	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
44	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
45	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
46	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
47	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
48	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
49	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
50	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
51	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
52	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
53	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
54	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
55	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
56	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
57	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
58	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
59	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
60	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
61	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
62	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
63	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
64	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
65	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
66	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental
67	Redacted	Redacted	Redacted	1	ok	10/28/19	1/1/20	12/31/22		0		0
68	Redacted	Redacted	Redacted	1	ok	10/28/19	1/1/20	12/31/22		0		0
69	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/21	9/30/21		0		0
70	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	11/30/20		0		0
71	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	2/29/20		0		0
72	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	2/29/20		0		0
73	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/21	12/31/22		0		0
74	Redacted	Redacted	Redacted	1	ok	10/30/19	11/1/22	12/31/22		0		0
75	Redacted	Redacted	Redacted	1	ok	11/14/19	1/1/20	12/31/20		0		0
76	Redacted	Redacted	Redacted	1	ok	11/14/19	1/1/20	12/31/20		0		0
77	Redacted	Redacted	Redacted	1	ok	11/14/19	3/1/20	3/31/20		0		0
78	Redacted	Redacted	Redacted	1	ok	11/14/19	3/1/20	3/31/20		0		0
79	Redacted	Redacted	Redacted	1	ok	12/6/19	2/1/20	11/30/20		0		0
80	Redacted	Redacted	Redacted	1	ok	12/6/19	2/1/20	11/30/20		0		0
81	Redacted	Redacted	Redacted	1	ok	12/6/19	4/1/20	11/30/20		0		0
82	Redacted	Redacted	Redacted	1	ok	12/11/19	2/1/20	2/29/20		0		0
83	Redacted	Redacted	Redacted	0	ok	1/8/20	12/31/21	12/31/32		1		1
84	Redacted	Redacted	Redacted	1	ok	4/8/20	1/1/22	12/31/36		1		0
85	Redacted	Redacted	Redacted	1	ok	1/13/20	3/1/20	8/31/20		0		0
86	Redacted	Redacted	Redacted	1	ok	1/13/20	3/1/20	8/31/20		0		0
87	Redacted	Redacted	Redacted	1	ok	1/9/20	5/1/20	5/31/20		0		0
88	Redacted	Redacted	Redacted	1	ok	1/13/20	4/1/20	11/30/20		0		0
89	Redacted	Redacted	Redacted	1	ok	1/28/20	7/1/20	7/31/20		0		1
90	Redacted	Redacted	Redacted	1	ok	2/3/20	4/1/20	12/31/20		0		0
91	Redacted	Redacted	Redacted	1	ok	2/3/20	4/1/20	12/31/20		0		0
92	Redacted	Redacted	Redacted	1	ok	2/7/20	4/1/20	4/30/20		0		0
93	Redacted	Redacted	Redacted	1	ok	2/7/20	4/1/20	4/30/20		0		0
94	Redacted	Redacted	Redacted	1	ok	2/19/20	6/1/20	6/30/20		0		0
95	Redacted	Redacted	Redacted	1	ok	2/28/20	1/1/21	12/31/23		0		1
96	Redacted	Redacted	Redacted	1	ok	3/10/20	7/1/20	7/31/20		0		0
97	Redacted	Redacted	Redacted	1	ok	1/8/20	7/1/20	9/30/20		0		0
98	Redacted	Redacted	Redacted	1	ok	3/27/20	1/1/21	12/31/21		0		0
99	Redacted	Redacted	Redacted	0	ok	4/8/20	6/30/22	6/29/37		1		1

resource_num	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw
67		ok	ok	ok	ok				
68		ok	ok	ok	ok				
69		ok	ok	ok	ok				
70		ok	ok	ok	ok				
71		ok	ok	ok	ok				
72		ok	ok	ok	ok				
73		ok	ok	ok	ok				
74		ok	ok	ok	ok				
75		ok	ok	ok	ok				
76		ok	ok	ok	ok				
77		ok	ok	ok	ok				
78		ok	ok	ok	ok				
79		ok	ok	ok	ok				
80		ok	ok	ok	ok				
81		ok	ok	ok	ok				
82		ok	ok	ok	ok				
83		ok	ok	ok	ok			0.0	
84		ok	ok	ok	ok			0.0	
85		ok	ok	ok	ok				
86		ok	ok	ok	ok				
87		ok	ok	ok	ok				
88		ok	ok	ok	ok				
89		ok	ok	ok	ok				
90		ok	ok	ok	ok				
91		ok	ok	ok	ok				
92		ok	ok	ok	ok				
93		ok	ok	ok	ok				
94		ok	ok	ok	ok				
95		ok	ok	ok	ok				
96		ok	ok	ok	ok				
97		ok	ok	ok	ok				
98		ok	ok	ok	ok				
99		ok	ok	ok	ok	8.0	20.0	1.0	40.0

resource_num	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid
67			2019	10	2020	1	2022	12	1	1	1
68			2019	10	2020	1	2022	12	1	1	1
69			2019	10	2021	1	2021	9	1	1	1
70			2019	10	2020	1	2020	11	1	1	1
71			2019	10	2020	1	2020	2	1	1	1
72			2019	10	2020	1	2020	2	1	1	1
73			2019	10	2021	1	2022	12	1	1	1
74			2019	10	2022	11	2022	12	1	1	1
75			2019	11	2020	1	2020	12	1	1	1
76			2019	11	2020	1	2020	12	1	1	1
77			2019	11	2020	3	2020	3	1	1	1
78			2019	11	2020	3	2020	3	1	1	1
79			2019	12	2020	2	2020	11	1	1	1
80			2019	12	2020	2	2020	11	1	1	1
81			2019	12	2020	4	2020	11	1	1	1
82			2019	12	2020	2	2020	2	1	1	1
83			2020	1	2021	12	2032	12	1	1	1
84			2020	4	2022	1	2036	12	1	1	1
85			2020	1	2020	3	2020	8	1	1	1
86			2020	1	2020	3	2020	8	1	1	1
87			2020	1	2020	5	2020	5	1	1	1
88			2020	1	2020	4	2020	11	1	1	1
89			2020	1	2020	7	2020	7	1	1	1
90			2020	2	2020	4	2020	12	1	1	1
91			2020	2	2020	4	2020	12	1	1	1
92			2020	2	2020	4	2020	4	1	1	1
93			2020	2	2020	4	2020	4	1	1	1
94			2020	2	2020	6	2020	6	1	1	1
95			2020	2	2021	1	2023	12	1	1	1
96			2020	3	2020	7	2020	7	1	1	1
97			2020	1	2020	7	2020	9	1	1	1
98			2020	3	2021	1	2021	12	1	1	1
99	48.0	0.0	2020	4	2022	6	2037	6	1	1	1

resource_num	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
67	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
68	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
69	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
70	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
71	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
72	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
73	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
74	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
75	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
76	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
77	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
78	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
79	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
80	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
81	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
82	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
83	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
84	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
85	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
86	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
87	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
88	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
89	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
90	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
91	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
92	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
93	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
94	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
95	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
96	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
97	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
98	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
99	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental
100	Redacted	Redacted	Redacted	1	ok	4/13/20	9/1/20	9/30/20		0		0
101	Redacted	Redacted	Redacted	1	ok	4/27/20	9/1/20	9/30/20		0		1
102	Redacted	Redacted	Redacted	1	ok	4/24/20	9/1/20	9/30/20		0		1
103	Redacted	Redacted	Redacted	1	ok	5/6/20	1/1/22	12/31/20		0		0
104	Redacted	Redacted	Redacted	1	ok	5/7/20	7/1/20	7/31/20		0		0
105	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	8/30/20		0		0
106	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	8/30/20		0		0
107	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	8/30/20		0		0
108	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	8/30/20		0		0
109	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	7/31/20		0		0
110	Redacted	Redacted	Redacted	0	ok	5/14/20	12/1/22	11/30/42		1		1
111	Redacted	Redacted	Redacted	1	ok	5/18/20	1/1/21	12/31/22		0		0
112	Redacted	Redacted	Redacted	1	ok	5/21/20	8/1/20	8/31/20		0		0
113	Redacted	Redacted	Redacted	1	ok	5/26/20	8/1/20	8/31/20		0		0
114	Redacted	Redacted	Redacted	1	ok	5/27/20	8/1/20	12/31/20		0		0
115	Redacted	Redacted	Redacted	1	ok	5/27/20	8/1/20	12/31/20		0		0
116	Redacted	Redacted	Redacted	1	ok	5/27/20	8/1/20	12/31/20		0		0
117	Redacted	Redacted	Redacted	0	ok	6/10/20	6/30/23	6/29/43		1		1
118	Redacted	Redacted	Redacted	1	ok	6/19/20	10/1/22	12/31/23		0		0
119	Redacted	Redacted	Redacted	0	ok							1
120	Redacted	Redacted	Redacted	1	ok							0
121	Redacted	Redacted	Redacted	1	ok						1	0
122	Redacted	Redacted	Redacted	1	ok							0
123	Redacted	Redacted	Redacted	1	ok							1
124	Redacted	Redacted	Redacted	0	ok							1
125	Redacted	Redacted	Redacted	1	ok							1
126	Redacted	Redacted	Redacted	0	ok							1
127	Redacted	Redacted	Redacted	1	ok							1
128	Redacted	Redacted	Redacted	0	ok							1
129	Redacted	Redacted	Redacted	0	ok							1
130	Redacted	Redacted	Redacted	0	ok							1
131	Redacted	Redacted	Redacted	1	ok							1
132	Redacted	Redacted	Redacted	1	ok							1

resource_num	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw
100		ok	ok	ok	ok				
101		ok	ok	ok	ok				
102		ok	ok	ok	ok				
103		ok	ok	ok	ok				
104		ok	ok	ok	ok				
105		ok	ok	ok	ok				
106		ok	ok	ok	ok				
107		ok	ok	ok	ok				
108		ok	ok	ok	ok				
109		ok	ok	ok	ok				
110		ok	ok	ok	ok	26.0	104.0	1.0	50.0
111		ok	ok	ok	ok				
112		ok	ok	ok	ok				
113		ok	ok	ok	ok				
114		ok	ok	ok	ok				
115		ok	ok	ok	ok				
116		ok	ok	ok	ok				
117		ok	ok	ok	ok	20.0	60.0	1.0	80.0
118		ok	ok	ok	ok	46.5	186.0	1.0	93.0
119		ok	ok	ok	ok				
120		ok	ok	ok	ok				
121		ok	ok	ok	ok				
122		ok	ok	ok	ok				
123		ok	ok	ok	ok				
124		ok	ok	ok	ok				
125		ok	ok	ok	ok				
126		ok	ok	ok	ok				
127		ok	ok	ok	ok				
128		ok	ok	ok	ok				
129		ok	ok	ok	ok				
130		ok	ok	ok	ok				
131		ok	ok	ok	ok				
132		ok	ok	ok	ok				

resource_num	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid
100			2020	4	2020	9	2020	9	1	1	1
101			2020	4	2020	9	2020	9	1	1	1
102			2020	4	2020	9	2020	9	1	1	1
103			2020	5	2022	1	2020	12	1	1	1
104			2020	5	2020	7	2020	7	1	1	1
105			2020	5	2020	7	2020	8	1	1	1
106			2020	5	2020	7	2020	8	1	1	1
107			2020	5	2020	7	2020	8	1	1	1
108			2020	5	2020	7	2020	8	1	1	1
109			2020	5	2020	7	2020	7	1	1	1
110	76.0	0.0	2020	5	2022	12	2042	11	1	1	1
111			2020	5	2021	1	2022	12	1	1	1
112			2020	5	2020	8	2020	8	1	1	1
113			2020	5	2020	8	2020	8	1	1	1
114			2020	5	2020	8	2020	12	1	1	1
115			2020	5	2020	8	2020	12	1	1	1
116			2020	5	2020	8	2020	12	1	1	1
117	100.0	0.0	2020	6	2023	6	2043	6	1	1	1
118	139.5	0.0	2020	6	2022	10	2023	12	1	1	1
119			2020	6	2022	10	2023	12	1	1	1
120			1900	1	1900	1	1900	1	1	1	1
121			1900	1	1900	1	1900	1	1	1	1
122			1900	1	1900	1	1900	1	1	1	1
123			1900	1	1900	1	1900	1	1	1	1
124			1900	1	1900	1	1900	1	1	1	1
125			1900	1	1900	1	1900	1	1	1	1
126			1900	1	1900	1	1900	1	1	1	1
127			1900	1	1900	1	1900	1	1	1	1
128			1900	1	1900	1	1900	1	1	1	1
129			1900	1	1900	1	1900	1	1	1	1
130			1900	1	1900	1	1900	1	1	1	1
131			1900	1	1900	1	1900	1	1	1	1
132			1900	1	1900	1	1900	1	1	1	1

resource_num	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
100	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
101	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
102	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
103	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
104	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
105	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
106	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
107	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
108	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
109	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
110	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
111	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
112	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
113	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
114	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
115	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
116	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
117	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
118	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
119	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
120	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
121	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
122	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
123	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
124	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
125	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
126	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
127	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
128	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
129	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
130	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
131	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
132	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental
133	Redacted	Redacted	Redacted	0	ok							1
134	Redacted	Redacted	Redacted	0	ok							1
135	Redacted	Redacted	Redacted	0	ok							1
136	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21		0		1
137	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21		0		0
138	Redacted	Redacted	Redacted	1	ok	12/15/16	1/1/17	12/31/21		0		1
139	Redacted	Redacted	Redacted	1	ok	2/23/18	5/1/18	12/31/21		0		1
140	Redacted	Redacted	Redacted	1	ok	2/28/18	1/1/19	12/31/23		0		0
141	Redacted	Redacted	Redacted	1	ok	5/5/20	1/1/21	12/31/21		0		1
142	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21		0		0
143	Redacted	Redacted	Redacted	1	ok	12/15/16	1/1/17	12/31/21		0		0
144	Redacted	Redacted	Redacted	1	ok	2/23/18	5/1/18	12/31/21		0		0
145	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20		0		0
146	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20		0		0
147	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20		0		0
148	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20		0		0
149	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20		0		0
150	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20		0		0
151	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20		0		0
152	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20		0		0
153	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20		0		0
154	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20		0		0
155	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20		0		0
156	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20		0		0
157	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21		0		0
158	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21		0		0
159	Redacted	Redacted	Redacted	1	ok	12/15/16	1/1/17	12/31/20		0		0
160	Redacted	Redacted	Redacted	1	ok	4/10/18	6/1/18	12/31/21		0		0
161	Redacted	Redacted	Redacted	1	ok	1/8/19	1/8/19	12/31/20		0		1
162	Redacted	Redacted	Redacted	1	ok	5/6/19	1/1/20	12/31/20		0		0
163	Redacted	Redacted	Redacted	1	ok	5/10/19	6/1/19	12/31/20		0		0
164	Redacted	Redacted	Redacted	1	ok	5/9/19	1/1/20	12/31/20		0		0
165	Redacted	Redacted	Redacted	1	ok	11/5/19	1/1/20	12/31/21		0		0

resource_num	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw
133		ok	ok	ok	ok				
134		ok	ok	ok	ok				
135		ok	ok	ok	ok				
136		ok	ok	ok	ok				
137		ok	ok	ok	ok				
138		ok	ok	ok	ok				
139		ok	ok	ok	ok				
140		ok	ok	ok	ok				
141		ok	ok	ok	ok				
142		ok	ok	ok	ok				
143		ok	ok	ok	ok				
144		ok	ok	ok	ok				
145		ok	ok	ok	ok				
146		ok	ok	ok	ok				
147		ok	ok	ok	ok				
148		ok	ok	ok	ok				
149		ok	ok	ok	ok				
150		ok	ok	ok	ok				
151		ok	ok	ok	ok				
152		ok	ok	ok	ok				
153		ok	ok	ok	ok				
154		ok	ok	ok	ok				
155		ok	ok	ok	ok				
156		ok	ok	ok	ok				
157		ok	ok	ok	ok				
158		ok	ok	ok	ok				
159		ok	ok	ok	ok				
160		ok	ok	ok	ok				
161		ok	ok	ok	ok				
162		ok	ok	ok	ok				
163		ok	ok	ok	ok				
164		ok	ok	ok	ok				
165		ok	ok	ok	ok				

resource_num	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid
133			1900	1	1900	1	1900	1	1	1	1
134			1900	1	1900	1	1900	1	1	1	1
135			1900	1	1900	1	1900	1	1	1	1
136			2016	12	2017	4	2021	12	1	1	1
137			2016	12	2017	4	2021	12	1	1	1
138			2016	12	2017	1	2021	12	1	1	1
139			2018	2	2018	5	2021	12	1	1	1
140			2018	2	2019	1	2023	12	1	1	1
141			2020	5	2021	1	2021	12	1	1	1
142			2016	12	2017	4	2021	12	1	1	1
143			2016	12	2017	1	2021	12	1	1	1
144			2018	2	2018	5	2021	12	1	1	1
145			2020	2	2020	6	2020	9	1	1	1
146			2020	2	2020	6	2020	9	1	1	1
147			2020	2	2020	6	2020	9	1	1	1
148			2020	2	2020	6	2020	9	1	1	1
149			2020	2	2020	3	2020	12	1	1	1
150			2020	2	2020	3	2020	12	1	1	1
151			2020	2	2020	3	2020	12	1	1	1
152			2020	2	2020	6	2020	9	1	1	1
153			2020	2	2020	6	2020	9	1	1	1
154			2020	2	2020	3	2020	12	1	1	1
155			2020	2	2020	3	2020	12	1	1	1
156			2020	2	2020	6	2020	9	1	1	1
157			2016	12	2017	4	2021	12	1	1	1
158			2016	12	2017	4	2021	12	1	1	1
159			2016	12	2017	1	2020	12	1	1	1
160			2018	4	2018	6	2021	12	1	1	1
161			2019	1	2019	1	2020	12	1	1	1
162			2019	5	2020	1	2020	12	1	1	1
163			2019	5	2019	6	2020	12	1	1	1
164			2019	5	2020	1	2020	12	1	1	1
165			2019	11	2020	1	2021	12	1	1	1

resource_num	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
133	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
134	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
135	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
136	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
137	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
138	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
139	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
140	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
141	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
142	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
143	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
144	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
145	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
146	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
147	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
148	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
149	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
150	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
151	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
152	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
153	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
154	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
155	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
156	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
157	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
158	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
159	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
160	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
161	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
162	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
163	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
164	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
165	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental
166	Redacted	Redacted	Redacted	1	**ok**	2/7/20	2/8/20	12/31/20		0		**0**
167	Redacted	Redacted	Redacted	1	**ok**	1/30/20	1/30/20	12/31/20		0		**1**
168	Redacted	Redacted	Redacted	1	**ok**	6/8/20	1/1/21	12/31/21		0		**0**
169	Redacted	Redacted	Redacted	1	**ok**	9/1/20	1/1/21	12/21/29	N/A	0		**0**
170	Redacted	Redacted	Redacted	1	**ok**	9/1/20	1/1/21	12/21/30	N/A	0		**0**
171	Redacted	Redacted	Redacted	1	**ok**	9/1/20	1/1/21	12/21/30	N/A	0		**0**
172	Redacted	Redacted	Redacted	1	**ok**	9/1/20	1/1/21	12/21/30	N/A	0		**0**
173	Redacted	Redacted	Redacted	1	**ok**		1/1/25		N/A	0		**0**

resource_num	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw
166		**ok**	**ok**	**ok**	**ok**				
167		**ok**	**ok**	**ok**	**ok**				
168		**ok**	**ok**	**ok**	**ok**				
169		**ok**	**ok**	**ok**	**ok**				
170		**ok**	**ok**	**ok**	**ok**				
171		**ok**	**ok**	**ok**	**ok**				
172		**ok**	**ok**	**ok**	**ok**				
173		**ok**	**ok**	**ok**	**ok**				

resource_num	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year	end_month	**Test: Correct data type for lse_owned**	**Test: Correct data type for cam**	**Test:All data provided for hybrid**
166			2020	2	2020	2	2020	12	1	1	1
167			2020	1	2020	1	2020	12	1	1	1
168			2020	6	2021	1	2021	12	1	1	1
169			2020	9	2021	1	2029	12	1	1	1
170			2020	9	2021	1	2030	12	1	1	1
171			2020	9	2021	1	2030	12	1	1	1
172			2020	9	2021	1	2030	12	1	1	1
173			1900	1	2025	1	1900	1	1	1	1

resource_num	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
166	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
167	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
168	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
169	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
170	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
171	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
172	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
173	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

monthly_gwh_mw

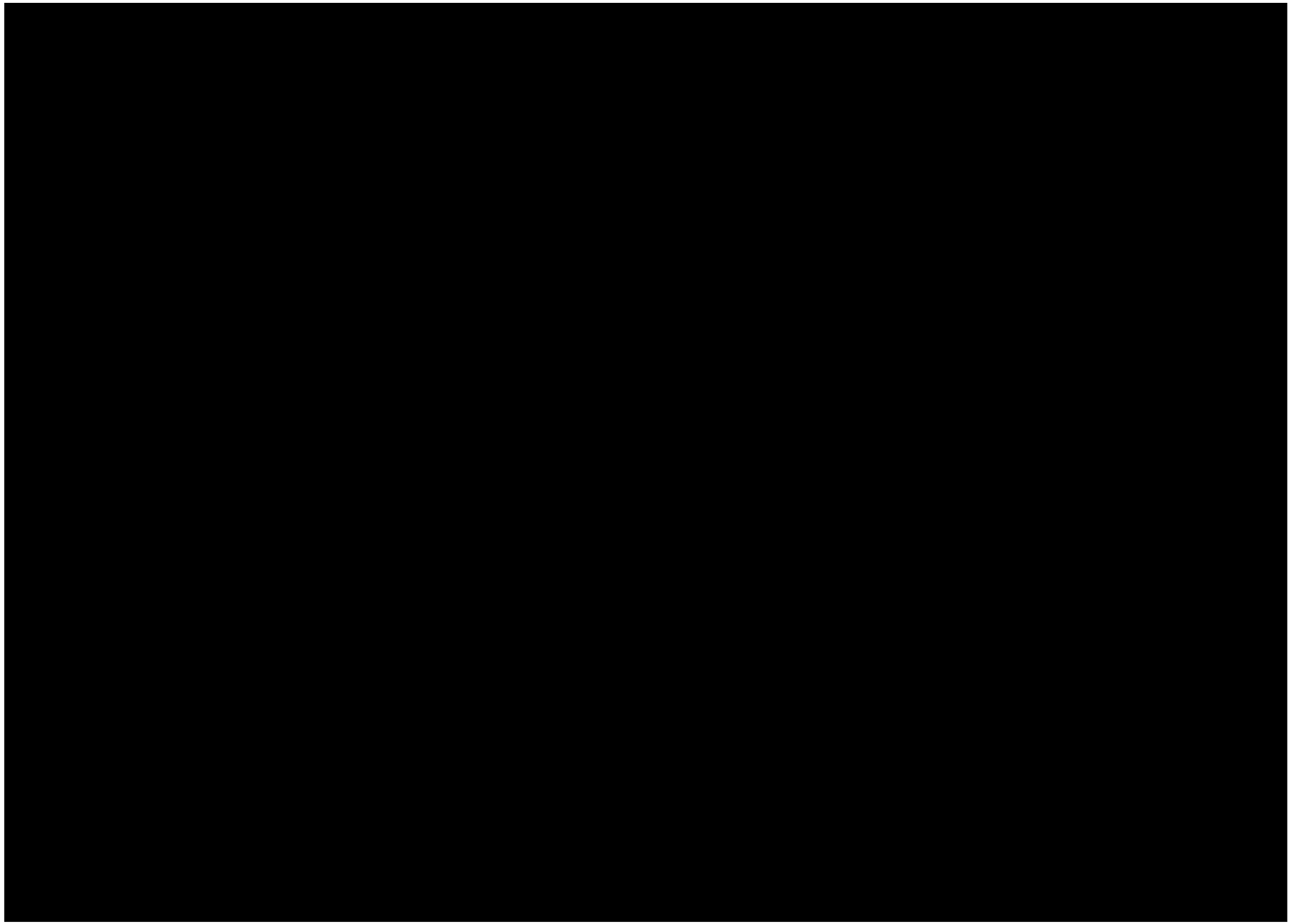
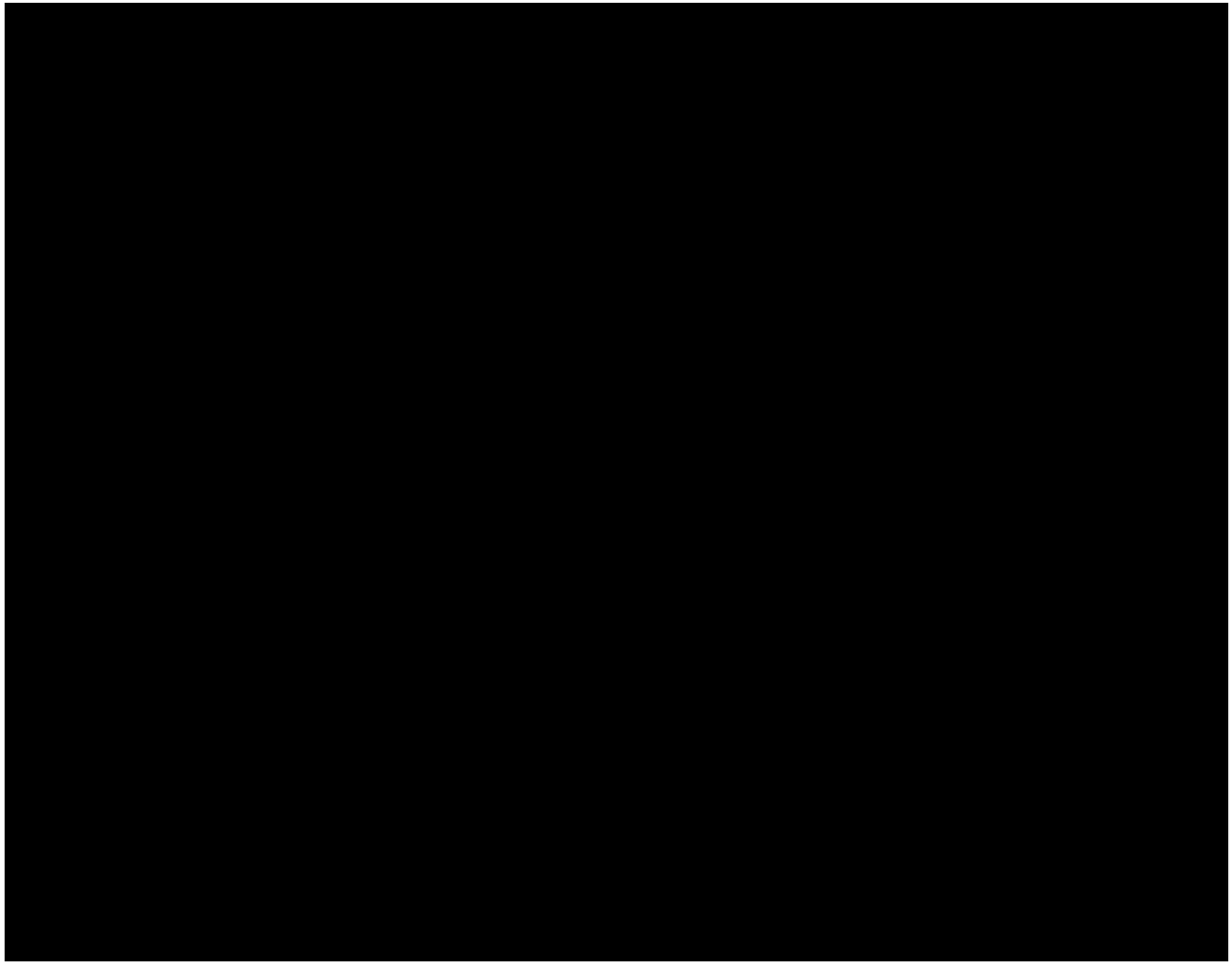
Test: Correct data type for resource	Test: Correct data type for Year	Test: Correct data type for Month	TEST: No blanks in energy and capacity data	TEST: No missing data	Test: Correct data type for max_mw	TEST: NQC provided only once	TEST: Working ELCC type
0	0	0	0	0	0	0	0

unique_contracts

Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid	TEST: All data provided for contract	TEST: No fillmes
0	0	0	0	0

monthly_gwh_mw

notes	max_mw	resource_type	currently_online	elcc_type
0	0	0	0	0

unique_contracts

online_date_for_new_resources	is_incremental	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing
0	0	0	0	0	0