38	<--- 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

Share of PG&E TAC Area:	3.8%

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

Share of PG&E TAC Area:

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
3		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
4		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
5		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
6		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
7		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
8		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
9		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
10		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
11		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
12		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
13		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
14		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
15		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
16		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
17		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
18		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
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20		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
21		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
22		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
23		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
24		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
25		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
26		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
27		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
28		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
29		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
30		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
31		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
32		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
33		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
34		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
35		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
36		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
37		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
38		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
39		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
40		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
41		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2	#N/A	Redacted	ok	physical	0	1	Redacted
3	#N/A	Redacted	ok	physical	0	1	Redacted
4	#N/A	Redacted	ok	physical	0	1	Redacted
5	#N/A	Redacted	ok	physical	0	1	Redacted
6	#N/A	Redacted	ok	physical	0	1	Redacted
7	#N/A	Redacted	ok	physical	0	1	Redacted
8	#N/A	Redacted	ok	physical	0	1	Redacted
9	#N/A	Redacted	ok	physical	0	1	Redacted
10	#N/A	Redacted	ok	physical	0	1	Redacted
11	#N/A	Redacted	ok	physical	0	1	Redacted
12	#N/A	Redacted	ok	physical	0	1	Redacted
13	#N/A	Redacted	ok	physical	0	1	Redacted
14	#N/A	Redacted	ok	physical	0	1	Redacted
15	#N/A	Redacted	ok	physical	0	1	Redacted
16	#N/A	Redacted	ok	physical	0	1	Redacted
17	#N/A	Redacted	ok	physical	0	1	Redacted
18	#N/A	Redacted	ok	physical	0	1	Redacted
19	#N/A	Redacted	ok	physical	0	1	Redacted
20	#N/A	Redacted	ok	physical	0	1	Redacted
21	#N/A	Redacted	ok	physical	0	1	Redacted
22	#N/A	Redacted	ok	physical	0	1	Redacted
23	#N/A	Redacted	ok	physical	0	1	Redacted
24	#N/A	Redacted	ok	physical	0	1	Redacted
25	#N/A	Redacted	ok	physical	0	1	Redacted
26	#N/A	Redacted	ok	physical	0	1	Redacted
27	#N/A	Redacted	ok	physical	0	1	Redacted
28	#N/A	Redacted	ok	physical	0	1	Redacted
29	#N/A	Redacted	ok	physical	0	1	Redacted
30	#N/A	Redacted	ok	physical	0	1	Redacted
31	#N/A	Redacted	ok	physical	0	1	Redacted
32	#N/A	Redacted	ok	physical	0	1	Redacted
33	#N/A	Redacted	ok	physical	0	1	Redacted
34	#N/A	Redacted	ok	physical	0	1	Redacted
35	#N/A	Redacted	ok	physical	0	1	Redacted
36	#N/A	Redacted	ok	physical	0	1	Redacted
37	#N/A	Redacted	ok	physical	0	1	Redacted
38	#N/A	Redacted	ok	physical	0	1	Redacted
39	#N/A	Redacted	ok	physical	0	1	Redacted
40	#N/A	Redacted	ok	physical	0	1	Redacted
41	#N/A	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
3	0	0	1	1	1	1	1	1	1	1
4	0	0	1	1	1	1	1	1	1	1
5	0	0	1	1	1	1	1	1	1	1
6	0	0	1	1	1	1	1	1	1	1
7	0	0	1	1	1	1	1	1	1	1
8	0	0	1	1	1	1	1	1	1	1
9	0	0	1	1	1	1	1	1	1	1
10	0	0	1	1	1	1	1	1	1	1
11	0	0	1	1	1	1	1	1	1	1
12	0	0	1	1	1	1	1	1	1	1
13	0	0	1	1	1	1	1	1	1	1
14	1	2	1	1	1	1	1	1	1	1
15	0	0	1	1	1	1	1	1	1	1
16	0	0	1	1	1	1	1	1	1	1
17	0	0	1	1	1	1	1	1	1	1
18	0	0	1	1	1	1	1	1	1	1
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
42		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
43		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
44		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
45		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
46		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
47		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
48		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
49		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
50		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
51		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
52		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
53		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
54		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
55		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
56		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
57		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
58		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
59		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
60		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
61		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
62		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
63		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
64		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
65		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
66		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
67		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
68		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
69		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
70		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
71		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
72		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
73		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
74		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
75		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
76		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
77		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
78		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
79		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
80		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
81		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
42	#N/A	Redacted	ok	physical	0	1	Redacted
43	#N/A	Redacted	ok	physical	0	1	Redacted
44	#N/A	Redacted	ok	physical	0	1	Redacted
45	#N/A	Redacted	ok	physical	0	1	Redacted
46	#N/A	Redacted	ok	physical	0	1	Redacted
47	#N/A	Redacted	ok	physical	0	1	Redacted
48	#N/A	Redacted	ok	physical	0	1	Redacted
49	#N/A	Redacted	ok	physical	0	1	Redacted
50	#N/A	Redacted	ok	physical	0	1	Redacted
51	#N/A	Redacted	ok	physical	0	1	Redacted
52	#N/A	Redacted	ok	physical	0	1	Redacted
53	#N/A	Redacted	ok	physical	0	1	Redacted
54	#N/A	Redacted	ok	physical	0	1	Redacted
55	#N/A	Redacted	ok	physical	0	1	Redacted
56	#N/A	Redacted	ok	physical	0	1	Redacted
57	#N/A	Redacted	ok	physical	0	1	Redacted
58	#N/A	Redacted	ok	physical	0	1	Redacted
59	#N/A	Redacted	ok	physical	0	1	Redacted
60	#N/A	Redacted	ok	physical	0	1	Redacted
61	#N/A	Redacted	ok	physical	0	1	Redacted
62	#N/A	Redacted	ok	physical	0	1	Redacted
63	#N/A	Redacted	ok	physical	0	1	Redacted
64	#N/A	Redacted	ok	physical	0	1	Redacted
65	#N/A	Redacted	ok	physical	0	1	Redacted
66	#N/A	Redacted	ok	physical	0	1	Redacted
67	#N/A	Redacted	ok	physical	0	1	Redacted
68	#N/A	Redacted	ok	physical	0	1	Redacted
69	#N/A	Redacted	ok	physical	0	1	Redacted
70	#N/A	Redacted	ok	physical	0	1	Redacted
71	#N/A	Redacted	ok	physical	0	1	Redacted
72	#N/A	Redacted	ok	physical	0	1	Redacted
73	#N/A	Redacted	ok	physical	0	1	Redacted
74	#N/A	Redacted	ok	physical	0	1	Redacted
75	#N/A	Redacted	ok	physical	0	1	Redacted
76	#N/A	Redacted	ok	physical	0	1	Redacted
77	#N/A	Redacted	ok	physical	0	1	Redacted
78	#N/A	Redacted	ok	physical	0	1	Redacted
79	#N/A	Redacted	ok	physical	0	1	Redacted
80	#N/A	Redacted	ok	physical	0	1	Redacted
81	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
82		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
83		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
84		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
85		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
86		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
87		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
88		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
89		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
90		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
91		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
92		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
93		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
94		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
95		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
96		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
97		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
98		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
99		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
100		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
101		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
102		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
103		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
104		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
105		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
106		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
107		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
108		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
109		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
110		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
111		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
112		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
113		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
114		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
115		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
116		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
117		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
118		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
119		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
120		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
121		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
82	#N/A	Redacted	ok	physical	0	1	Redacted
83	#N/A	Redacted	ok	physical	0	1	Redacted
84	#N/A	Redacted	ok	physical	0	1	Redacted
85	#N/A	Redacted	ok	physical	0	1	Redacted
86	#N/A	Redacted	ok	physical	0	1	Redacted
87	#N/A	Redacted	ok	physical	0	1	Redacted
88	#N/A	Redacted	ok	physical	0	1	Redacted
89	#N/A	Redacted	ok	physical	0	1	Redacted
90	#N/A	Redacted	ok	physical	0	1	Redacted
91	#N/A	Redacted	ok	physical	0	1	Redacted
92	#N/A	Redacted	ok	physical	0	1	Redacted
93	#N/A	Redacted	ok	physical	0	1	Redacted
94	#N/A	Redacted	ok	physical	0	1	Redacted
95	#N/A	Redacted	ok	physical	0	1	Redacted
96	#N/A	Redacted	ok	physical	0	1	Redacted
97	#N/A	Redacted	ok	physical	0	1	Redacted
98	#N/A	Redacted	ok	physical	0	1	Redacted
99	#N/A	Redacted	ok	physical	0	1	Redacted
100	#N/A	Redacted	ok	physical	0	1	Redacted
101	#N/A	Redacted	ok	physical	0	1	Redacted
102	#N/A	Redacted	ok	physical	0	1	Redacted
103	#N/A	Redacted	ok	physical	0	1	Redacted
104	#N/A	Redacted	ok	physical	0	1	Redacted
105	#N/A	Redacted	ok	physical	0	1	Redacted
106	#N/A	Redacted	ok	physical	0	1	Redacted
107	#N/A	Redacted	ok	physical	0	1	Redacted
108	#N/A	Redacted	ok	physical	0	1	Redacted
109	#N/A	Redacted	ok	physical	0	1	Redacted
110	#N/A	Redacted	ok	physical	0	1	Redacted
111	#N/A	Redacted	ok	physical	0	1	Redacted
112	#N/A	Redacted	ok	physical	0	1	Redacted
113	#N/A	Redacted	ok	physical	0	1	Redacted
114	#N/A	Redacted	ok	physical	0	1	Redacted
115	#N/A	Redacted	ok	physical	0	1	Redacted
116	#N/A	Redacted	ok	physical	0	1	Redacted
117	#N/A	Redacted	ok	physical	0	1	Redacted
118	#N/A	Redacted	ok	physical	0	1	Redacted
119	#N/A	Redacted	ok	physical	0	1	Redacted
120	#N/A	Redacted	ok	physical	0	1	Redacted
121	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
122		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
123		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
124		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
125		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
126		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
127		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
128		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
129		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
130		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
131		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
132		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
133		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
134		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
135		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
136		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
137		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
138		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
139		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
140		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
141		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
142		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
143		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
144		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
145		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
146		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
147		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
148		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
149		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
150		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
151		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
152		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
153		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
154		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
155		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
156		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
157		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
158		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
159		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
160		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
161		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
122	#N/A	Redacted	ok	physical	0	1	Redacted
123	#N/A	Redacted	ok	physical	0	1	Redacted
124	#N/A	Redacted	ok	physical	0	1	Redacted
125	#N/A	Redacted	ok	physical	0	1	Redacted
126	#N/A	Redacted	ok	physical	0	1	Redacted
127	#N/A	Redacted	ok	physical	0	1	Redacted
128	#N/A	Redacted	ok	physical	0	1	Redacted
129	#N/A	Redacted	ok	physical	0	1	Redacted
130	#N/A	Redacted	ok	physical	0	1	Redacted
131	#N/A	Redacted	ok	physical	0	1	Redacted
132	#N/A	Redacted	ok	physical	0	1	Redacted
133	#N/A	Redacted	ok	physical	0	1	Redacted
134	#N/A	Redacted	ok	physical	0	1	Redacted
135	#N/A	Redacted	ok	physical	0	1	Redacted
136	#N/A	Redacted	ok	physical	0	1	Redacted
137	#N/A	Redacted	ok	physical	0	1	Redacted
138	#N/A	Redacted	ok	physical	0	1	Redacted
139	#N/A	Redacted	ok	physical	0	1	Redacted
140	#N/A	Redacted	ok	physical	0	1	Redacted
141	#N/A	Redacted	ok	physical	0	1	Redacted
142	#N/A	Redacted	ok	physical	0	1	Redacted
143	#N/A	Redacted	ok	physical	0	1	Redacted
144	#N/A	Redacted	ok	physical	0	1	Redacted
145	#N/A	Redacted	ok	physical	0	1	Redacted
146	#N/A	Redacted	ok	physical	0	1	Redacted
147	#N/A	Redacted	ok	physical	0	1	Redacted
148	#N/A	Redacted	ok	physical	0	1	Redacted
149	#N/A	Redacted	ok	physical	0	1	Redacted
150	#N/A	Redacted	ok	physical	0	1	Redacted
151	#N/A	Redacted	ok	physical	0	1	Redacted
152	#N/A	Redacted	ok	physical	0	1	Redacted
153	#N/A	Redacted	ok	physical	0	1	Redacted
154	#N/A	Redacted	ok	physical	0	1	Redacted
155	#N/A	Redacted	ok	physical	0	1	Redacted
156	#N/A	Redacted	ok	physical	0	1	Redacted
157	#N/A	Redacted	ok	physical	0	1	Redacted
158	#N/A	Redacted	ok	physical	0	1	Redacted
159	#N/A	Redacted	ok	physical	0	1	Redacted
160	#N/A	Redacted	ok	physical	0	1	Redacted
161	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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
200	SVCEA	Redacted	Redacted	2020	7	0	Redacted		online
201	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
162		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
163		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
164		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
165		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
166		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
167		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
168		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
169		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
170		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
171		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
172		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
173		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
174		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
175		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
176		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
177		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
178		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
179		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
180		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
181		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
182		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
183		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
184		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
185		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
186		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
187		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
188		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
189		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
190		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
191		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
192		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
193		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
194		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
195		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
196		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
197		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
198		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
199		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
200		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
201		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
162	#N/A	Redacted	ok	physical	0	1	Redacted
163	#N/A	Redacted	ok	physical	0	1	Redacted
164	#N/A	Redacted	ok	physical	0	1	Redacted
165	#N/A	Redacted	ok	physical	0	1	Redacted
166	#N/A	Redacted	ok	physical	0	1	Redacted
167	#N/A	Redacted	ok	physical	0	1	Redacted
168	#N/A	Redacted	ok	physical	0	1	Redacted
169	#N/A	Redacted	ok	physical	0	1	Redacted
170	#N/A	Redacted	ok	special	0	1	Redacted
171	#N/A	Redacted	ok	special	0	1	Redacted
172	#N/A	Redacted	ok	special	0	1	Redacted
173	#N/A	Redacted	ok	special	0	1	Redacted
174	#N/A	Redacted	ok	special	0	1	Redacted
175	#N/A	Redacted	ok	special	0	1	Redacted
176	#N/A	Redacted	ok	special	0	1	Redacted
177	#N/A	Redacted	ok	special	0	1	Redacted
178	#N/A	Redacted	ok	special	0	1	Redacted
179	#N/A	Redacted	ok	special	0	1	Redacted
180	#N/A	Redacted	ok	special	0	1	Redacted
181	#N/A	Redacted	ok	special	0	1	Redacted
182	#N/A	Redacted	ok	special	0	1	Redacted
183	#N/A	Redacted	ok	special	0	1	Redacted
184	#N/A	Redacted	ok	special	0	1	Redacted
185	#N/A	Redacted	ok	special	0	1	Redacted
186	#N/A	Redacted	ok	special	0	1	Redacted
187	#N/A	Redacted	ok	special	0	1	Redacted
188	#N/A	Redacted	ok	special	0	1	Redacted
189	#N/A	Redacted	ok	special	0	1	Redacted
190	#N/A	Redacted	ok	special	0	1	Redacted
191	#N/A	Redacted	ok	special	0	1	Redacted
192	#N/A	Redacted	ok	special	0	1	Redacted
193	#N/A	Redacted	ok	special	0	1	Redacted
194	#N/A	Redacted	ok	special	0	1	Redacted
195	#N/A	Redacted	ok	special	0	1	Redacted
196	#N/A	Redacted	ok	special	0	1	Redacted
197	#N/A	Redacted	ok	special	0	1	Redacted
198	#N/A	Redacted	ok	special	0	1	Redacted
199	#N/A	Redacted	ok	special	0	1	Redacted
200	#N/A	Redacted	ok	special	0	1	Redacted
201	#N/A	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**
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
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
200	0	0	1	1	1	1	1	1	1	1
201	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
202		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
203		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
204		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
205		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
206		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
207		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
208		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
209		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
210		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
211		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
212		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
213		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
214		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
215		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
216		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
217		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
218		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
219		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
220		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
221		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
222		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
223		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
224		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
225		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
226		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
227		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
228		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
229		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
230		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_1	0%	1
231		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_2	0%	1
232		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_3	0%	1
233		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_4	0%	1
234		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_5	0%	1
235		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_6	0%	1
236		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_7	0%	1
237		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_8	0%	1
238		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_9	0%	1
239		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_10	0%	1
240		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_11	0%	1
241		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_12	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
202	#N/A	Redacted	ok	special	0	1	Redacted
203	#N/A	Redacted	ok	special	0	1	Redacted
204	#N/A	Redacted	ok	special	0	1	Redacted
205	#N/A	Redacted	ok	special	0	1	Redacted
206	#N/A	Redacted	ok	special	0	1	Redacted
207	#N/A	Redacted	ok	special	0	1	Redacted
208	#N/A	Redacted	ok	special	0	1	Redacted
209	#N/A	Redacted	ok	special	0	1	Redacted
210	#N/A	Redacted	ok	special	0	1	Redacted
211	#N/A	Redacted	ok	special	0	1	Redacted
212	#N/A	Redacted	ok	special	0	1	Redacted
213	#N/A	Redacted	ok	special	0	1	Redacted
214	#N/A	Redacted	ok	special	0	1	Redacted
215	#N/A	Redacted	ok	special	0	1	Redacted
216	#N/A	Redacted	ok	special	0	1	Redacted
217	#N/A	Redacted	ok	special	0	1	Redacted
218	#N/A	Redacted	ok	special	0	1	Redacted
219	#N/A	Redacted	ok	special	0	1	Redacted
220	#N/A	Redacted	ok	special	0	1	Redacted
221	#N/A	Redacted	ok	special	0	1	Redacted
222	#N/A	Redacted	ok	special	0	1	Redacted
223	#N/A	Redacted	ok	special	0	1	Redacted
224	#N/A	Redacted	ok	special	0	1	Redacted
225	#N/A	Redacted	ok	special	0	1	Redacted
226	#N/A	Redacted	ok	special	0	1	Redacted
227	#N/A	Redacted	ok	special	0	1	Redacted
228	#N/A	Redacted	ok	special	0	1	Redacted
229	#N/A	Redacted	ok	special	0	1	Redacted
230	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
231	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
232	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
233	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
234	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
235	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
236	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
237	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
238	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
239	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
240	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
241	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
242		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
243		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
244		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
245		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_4	0%	1
246		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
247		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
248		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
249		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
250		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_9	0%	1
251		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_10	0%	1
252		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_11	0%	1
253		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_12	0%	1
254		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
255		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
256		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
257		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
258		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
259		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
260		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
261		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
262		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
263		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
264		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
265		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
266		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
267		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
268		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
269		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
270		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
271		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
272		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
273		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
274		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
275		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
276		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
277		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
278		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
279		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
280		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
281		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
242	#N/A	Redacted	ok	special	0	1	Redacted
243	#N/A	Redacted	ok	special	0	1	Redacted
244	#N/A	Redacted	ok	special	0	1	Redacted
245	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
246	#N/A	Redacted	ok	special	0	1	Redacted
247	#N/A	Redacted	ok	special	0	1	Redacted
248	#N/A	Redacted	ok	special	0	1	Redacted
249	#N/A	Redacted	ok	special	0	1	Redacted
250	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
251	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
252	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
253	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
254	#N/A	Redacted	ok	special	0	1	Redacted
255	#N/A	Redacted	ok	special	0	1	Redacted
256	#N/A	Redacted	ok	special	0	1	Redacted
257	#N/A	Redacted	ok	special	0	1	Redacted
258	#N/A	Redacted	ok	special	0	1	Redacted
259	#N/A	Redacted	ok	special	0	1	Redacted
260	#N/A	Redacted	ok	special	0	1	Redacted
261	#N/A	Redacted	ok	special	0	1	Redacted
262	#N/A	Redacted	ok	special	0	1	Redacted
263	#N/A	Redacted	ok	special	0	1	Redacted
264	#N/A	Redacted	ok	special	0	1	Redacted
265	#N/A	Redacted	ok	special	0	1	Redacted
266	#N/A	Redacted	ok	special	0	1	Redacted
267	#N/A	Redacted	ok	special	0	1	Redacted
268	#N/A	Redacted	ok	special	0	1	Redacted
269	#N/A	Redacted	ok	special	0	1	Redacted
270	#N/A	Redacted	ok	special	0	1	Redacted
271	#N/A	Redacted	ok	special	0	1	Redacted
272	#N/A	Redacted	ok	special	0	1	Redacted
273	#N/A	Redacted	ok	special	0	1	Redacted
274	#N/A	Redacted	ok	special	0	1	Redacted
275	#N/A	Redacted	ok	special	0	1	Redacted
276	#N/A	Redacted	ok	special	0	1	Redacted
277	#N/A	Redacted	ok	special	0	1	Redacted
278	#N/A	Redacted	ok	special	0	1	Redacted
279	#N/A	Redacted	ok	special	0	1	Redacted
280	#N/A	Redacted	ok	special	0	1	Redacted
281	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
282		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
283		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
284		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
285		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
286		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
287		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
288		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
289		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_12	0%	1
290		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
291		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
292		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
293		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
294		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
295		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
296		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
297		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
298		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
299		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
300		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
301		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
302		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
303		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
304		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
305		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
306		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
307		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
308		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
309		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
310		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
311		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
312		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
313		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
314		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
315		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
316		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
317		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
318		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
319		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
320		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
321		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
282	#N/A	Redacted	ok	special	0	1	Redacted
283	#N/A	Redacted	ok	special	0	1	Redacted
284	#N/A	Redacted	ok	special	0	1	Redacted
285	#N/A	Redacted	ok	special	0	1	Redacted
286	#N/A	Redacted	ok	special	0	1	Redacted
287	#N/A	Redacted	ok	special	0	1	Redacted
288	#N/A	Redacted	ok	special	0	1	Redacted
289	#N/A	Redacted	ok	special	0	0	Sellers_Choice_182RA049_Sellers_Choice, PG&E
290	#N/A	Redacted	ok	special	0	1	Redacted
291	#N/A	Redacted	ok	special	0	1	Redacted
292	#N/A	Redacted	ok	special	0	1	Redacted
293	#N/A	Redacted	ok	special	0	1	Redacted
294	#N/A	Redacted	ok	special	0	1	Redacted
295	#N/A	Redacted	ok	special	0	1	Redacted
296	#N/A	Redacted	ok	special	0	1	Redacted
297	#N/A	Redacted	ok	special	0	1	Redacted
298	#N/A	Redacted	ok	special	0	1	Redacted
299	#N/A	Redacted	ok	special	0	1	Redacted
300	#N/A	Redacted	ok	special	0	1	Redacted
301	#N/A	Redacted	ok	special	0	1	Redacted
302	#N/A	Redacted	ok	special	0	1	Redacted
303	#N/A	Redacted	ok	special	0	1	Redacted
304	#N/A	Redacted	ok	special	0	1	Redacted
305	#N/A	Redacted	ok	special	0	1	Redacted
306	#N/A	Redacted	ok	special	0	1	Redacted
307	#N/A	Redacted	ok	special	0	1	Redacted
308	#N/A	Redacted	ok	special	0	1	Redacted
309	#N/A	Redacted	ok	special	0	1	Redacted
310	#N/A	Redacted	ok	special	0	1	Redacted
311	#N/A	Redacted	ok	special	0	1	Redacted
312	#N/A	Redacted	ok	special	0	1	Redacted
313	#N/A	Redacted	ok	special	0	1	Redacted
314	#N/A	Redacted	ok	special	0	1	Redacted
315	#N/A	Redacted	ok	special	0	1	Redacted
316	#N/A	Redacted	ok	special	0	1	Redacted
317	#N/A	Redacted	ok	special	0	1	Redacted
318	#N/A	Redacted	ok	special	0	1	Redacted
319	#N/A	Redacted	ok	special	0	1	Redacted
320	#N/A	Redacted	ok	special	0	1	Redacted
321	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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	1.1	Redacted		development
341	SVCEA	New_Hybrid	184BE024	2021	7	31.6	Redacted		development
342	SVCEA	New_Hybrid	184BE024	2021	8	29.9	Redacted		development
343	SVCEA	New_Hybrid	184BE024	2021	9	26.0	Redacted		development
344	SVCEA	New_Hybrid	184BE024	2021	10	21.1	Redacted		development
345	SVCEA	New_Hybrid	184BE024	2021	11	13.8	Redacted		development
346	SVCEA	New_Hybrid	184BE024	2021	12	10.2	Redacted		development
347	SVCEA	New_Hybrid	184BE024	2022	1	10.3	Redacted		development
348	SVCEA	New_Hybrid	184BE024	2022	2	14.5	Redacted		development
349	SVCEA	New_Hybrid	184BE024	2022	3	22.3	Redacted		development
350	SVCEA	New_Hybrid	184BE024	2022	4	26.0	Redacted		development
351	SVCEA	New_Hybrid	184BE024	2022	5	30.8	Redacted		development
352	SVCEA	New_Hybrid	184BE024	2022	6	32.0	Redacted		development
353	SVCEA	New_Hybrid	184BE024	2022	7	31.5	Redacted		development
354	SVCEA	New_Hybrid	184BE024	2022	8	29.8	Redacted		development
355	SVCEA	New_Hybrid	184BE024	2022	9	25.9	Redacted		development
356	SVCEA	New_Hybrid	184BE024	2022	10	21.0	Redacted		development
357	SVCEA	New_Hybrid	184BE024	2022	11	13.7	Redacted		development
358	SVCEA	New_Hybrid	184BE024	2022	12	10.1	Redacted		development
359	SVCEA	New_Hybrid	184BE024	2023	1	10.2	Redacted		development
360	SVCEA	New_Hybrid	184BE024	2023	2	14.5	Redacted		development
361	SVCEA	New_Hybrid	184BE024	2023	3	22.2	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
322		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
323		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
324		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
325		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
326		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
327		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
328		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
329		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
330		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
331		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
332		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
333		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
334		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
335		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
336		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
337		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
338		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
339		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
340	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_6	0%	1
341	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_7	0%	1
342	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_8	0%	1
343	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_9	0%	1
344	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_10	0%	1
345	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_11	0%	1
346	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_12	0%	1
347	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_1	0%	1
348	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_2	0%	1
349	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_3	0%	1
350	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_4	0%	1
351	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_5	0%	1
352	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_6	0%	1
353	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_7	0%	1
354	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_8	0%	1
355	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_9	0%	1
356	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_10	0%	1
357	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_11	0%	1
358	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_12	0%	1
359	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_1	0%	1
360	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_2	0%	1
361	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_3	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
322	#N/A	Redacted	ok	special	0	1	Redacted
323	#N/A	Redacted	ok	special	0	1	Redacted
324	#N/A	Redacted	ok	special	0	1	Redacted
325	#N/A	Redacted	ok	special	0	1	Redacted
326	#N/A	Redacted	ok	special	0	1	Redacted
327	#N/A	Redacted	ok	special	0	1	Redacted
328	#N/A	Redacted	ok	physical	0	1	Redacted
329	#N/A	Redacted	ok	physical	0	1	Redacted
330	#N/A	Redacted	ok	physical	0	1	Redacted
331	#N/A	Redacted	ok	physical	0	1	Redacted
332	#N/A	Redacted	ok	physical	0	1	Redacted
333	#N/A	Redacted	ok	physical	0	1	Redacted
334	#N/A	Redacted	ok	physical	0	1	Redacted
335	#N/A	Redacted	ok	physical	0	1	Redacted
336	#N/A	Redacted	ok	physical	0	1	Redacted
337	#N/A	Redacted	ok	physical	0	1	Redacted
338	#N/A	Redacted	ok	physical	0	1	Redacted
339	#N/A	Redacted	ok	physical	0	1	Redacted
340	#N/A	Redacted	ok	new_resolve	1	0	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
341	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
342	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
343	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
344	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
345	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
346	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
347	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
348	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
349	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
350	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
351	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
352	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
353	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
354	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
355	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
356	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
357	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
358	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
359	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
360	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
361	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
362	SVCEA	New_Hybrid	184BE024	2023	4	25.9	Redacted		development
363	SVCEA	New_Hybrid	184BE024	2023	5	30.7	Redacted		development
364	SVCEA	New_Hybrid	184BE024	2023	6	31.9	Redacted		development
365	SVCEA	New_Hybrid	184BE024	2023	7	31.2	Redacted		development
366	SVCEA	New_Hybrid	184BE024	2023	8	29.6	Redacted		development
367	SVCEA	New_Hybrid	184BE024	2023	9	25.7	Redacted		development
368	SVCEA	New_Hybrid	184BE024	2023	10	20.8	Redacted		development
369	SVCEA	New_Hybrid	184BE024	2023	11	13.6	Redacted		development
370	SVCEA	New_Hybrid	184BE024	2023	12	10.0	Redacted		development
371	SVCEA	New_Hybrid	184BE024	2024	1	10.1	Redacted		development
372	SVCEA	New_Hybrid	184BE024	2024	2	15.1	Redacted		development
373	SVCEA	New_Hybrid	184BE024	2024	3	22.0	Redacted		development
374	SVCEA	New_Hybrid	184BE024	2024	4	25.7	Redacted		development
375	SVCEA	New_Hybrid	184BE024	2024	5	30.4	Redacted		development
376	SVCEA	New_Hybrid	184BE024	2024	6	31.6	Redacted		development
377	SVCEA	New_Hybrid	184BE024	2024	7	31.2	Redacted		development
378	SVCEA	New_Hybrid	184BE024	2024	8	29.5	Redacted		development
379	SVCEA	New_Hybrid	184BE024	2024	9	25.6	Redacted		development
380	SVCEA	New_Hybrid	184BE024	2024	10	20.8	Redacted		development
381	SVCEA	New_Hybrid	184BE024	2024	11	13.6	Redacted		development
382	SVCEA	New_Hybrid	184BE024	2024	12	10.0	Redacted		development
383	SVCEA	New_Hybrid	184BE024	2025	1	10.1	Redacted		development
384	SVCEA	New_Hybrid	184BE024	2025	2	14.3	Redacted		development
385	SVCEA	New_Hybrid	184BE024	2025	3	22.0	Redacted		development
386	SVCEA	New_Hybrid	184BE024	2025	4	25.7	Redacted		development
387	SVCEA	New_Hybrid	184BE024	2025	5	30.4	Redacted		development
388	SVCEA	New_Hybrid	184BE024	2025	6	31.6	Redacted		development
389	SVCEA	New_Hybrid	184BE024	2025	7	31.0	Redacted		development
390	SVCEA	New_Hybrid	184BE024	2025	8	29.3	Redacted		development
391	SVCEA	New_Hybrid	184BE024	2025	9	25.5	Redacted		development
392	SVCEA	New_Hybrid	184BE024	2025	10	20.7	Redacted		development
393	SVCEA	New_Hybrid	184BE024	2025	11	13.5	Redacted		development
394	SVCEA	New_Hybrid	184BE024	2025	12	10.0	Redacted		development
395	SVCEA	New_Hybrid	184BE025	2021	12	11.6	Redacted		development
396	SVCEA	New_Hybrid	184BE025	2022	1	12.7	Redacted		development
397	SVCEA	New_Hybrid	184BE025	2022	2	13.4	Redacted		development
398	SVCEA	New_Hybrid	184BE025	2022	3	20.4	Redacted		development
399	SVCEA	New_Hybrid	184BE025	2022	4	22.1	Redacted		development
400	SVCEA	New_Hybrid	184BE025	2022	5	25.2	Redacted		development
401	SVCEA	New_Hybrid	184BE025	2022	6	25.1	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
362	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_4	0%	1
363	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_5	0%	1
364	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1
365	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1
366	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1
367	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1
368	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1
369	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1
370	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1
371	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1
372	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1
373	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1
374	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1
375	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1
376	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1
377	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1
378	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1
379	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1
380	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1
381	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1
382	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1
383	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1
384	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1
385	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1
386	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1
387	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1
388	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1
389	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1
390	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1
391	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1
392	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1
393	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1
394	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1
395	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2021_12	0%	1
396	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_1	0%	1
397	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_2	0%	1
398	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_3	0%	1
399	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_4	0%	1
400	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_5	0%	1
401	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_6	0%	1

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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
402	SVCEA	New_Hybrid	184BE025	2022	7	24.9	Redacted		development
403	SVCEA	New_Hybrid	184BE025	2022	8	23.9	Redacted		development
404	SVCEA	New_Hybrid	184BE025	2022	9	20.7	Redacted		development
405	SVCEA	New_Hybrid	184BE025	2022	10	17.9	Redacted		development
406	SVCEA	New_Hybrid	184BE025	2022	11	13.2	Redacted		development
407	SVCEA	New_Hybrid	184BE025	2022	12	11.6	Redacted		development
408	SVCEA	New_Hybrid	184BE025	2023	1	12.7	Redacted		development
409	SVCEA	New_Hybrid	184BE025	2023	2	13.4	Redacted		development
410	SVCEA	New_Hybrid	184BE025	2023	3	20.3	Redacted		development
411	SVCEA	New_Hybrid	184BE025	2023	4	22.0	Redacted		development
412	SVCEA	New_Hybrid	184BE025	2023	5	25.1	Redacted		development
413	SVCEA	New_Hybrid	184BE025	2023	6	25.0	Redacted		development
414	SVCEA	New_Hybrid	184BE025	2023	7	24.9	Redacted		development
415	SVCEA	New_Hybrid	184BE025	2023	8	23.8	Redacted		development
416	SVCEA	New_Hybrid	184BE025	2023	9	20.7	Redacted		development
417	SVCEA	New_Hybrid	184BE025	2023	10	17.8	Redacted		development
418	SVCEA	New_Hybrid	184BE025	2023	11	13.1	Redacted		development
419	SVCEA	New_Hybrid	184BE025	2023	12	11.5	Redacted		development
420	SVCEA	New_Hybrid	184BE025	2024	1	12.6	Redacted		development
421	SVCEA	New_Hybrid	184BE025	2024	2	14.0	Redacted		development
422	SVCEA	New_Hybrid	184BE025	2024	3	20.2	Redacted		development
423	SVCEA	New_Hybrid	184BE025	2024	4	21.9	Redacted		development
424	SVCEA	New_Hybrid	184BE025	2024	5	25.0	Redacted		development
425	SVCEA	New_Hybrid	184BE025	2024	6	24.9	Redacted		development
426	SVCEA	New_Hybrid	184BE025	2024	7	24.7	Redacted		development
427	SVCEA	New_Hybrid	184BE025	2024	8	23.7	Redacted		development
428	SVCEA	New_Hybrid	184BE025	2024	9	20.6	Redacted		development
429	SVCEA	New_Hybrid	184BE025	2024	10	17.7	Redacted		development
430	SVCEA	New_Hybrid	184BE025	2024	11	13.1	Redacted		development
431	SVCEA	New_Hybrid	184BE025	2024	12	11.6	Redacted		development
432	SVCEA	New_Hybrid	184BE025	2025	1	12.6	Redacted		development
433	SVCEA	New_Hybrid	184BE025	2025	2	13.3	Redacted		development
434	SVCEA	New_Hybrid	184BE025	2025	3	20.2	Redacted		development
435	SVCEA	New_Hybrid	184BE025	2025	4	21.9	Redacted		development
436	SVCEA	New_Hybrid	184BE025	2025	5	25.0	Redacted		development
437	SVCEA	New_Hybrid	184BE025	2025	6	24.9	Redacted		development
438	SVCEA	New_Hybrid	184BE025	2025	7	24.7	Redacted		development
439	SVCEA	New_Hybrid	184BE025	2025	8	23.7	Redacted		development
440	SVCEA	New_Hybrid	184BE025	2025	9	20.6	Redacted		development
441	SVCEA	New_Hybrid	184BE025	2025	10	17.8	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
402	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_7	0%	1
403	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_8	0%	1
404	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_9	0%	1
405	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_10	0%	1
406	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_11	0%	1
407	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_12	0%	1
408	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_1	0%	1
409	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_2	0%	1
410	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_3	0%	1
411	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_4	0%	1
412	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_5	0%	1
413	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1
414	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1
415	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1
416	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1
417	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1
418	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1
419	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1
420	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1
421	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1
422	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1
423	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1
424	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1
425	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1
426	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1
427	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1
428	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1
429	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1
430	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1
431	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1
432	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1
433	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1
434	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1
435	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1
436	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1
437	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1
438	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1
439	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1
440	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1
441	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
402	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
403	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
404	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
405	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
406	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
407	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
408	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
409	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
410	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
411	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
412	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
413	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
414	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
415	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
416	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
417	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
418	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
419	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
420	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
421	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
422	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
423	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
424	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
425	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
426	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
427	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
428	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
429	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
430	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
431	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
432	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
433	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
434	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
435	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
436	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
437	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
438	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
439	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
440	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
441	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
442	SVCEA	New_Hybrid	184BE025	2025	11	13.1	Redacted		development
443	SVCEA	New_Hybrid	184BE025	2025	12	11.5	Redacted		development
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
442	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1
443	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1
444		Redacted	Redacted	Redacted	1	Redacted	Redacted	81%	1
445		Redacted	Redacted	Redacted	1	Redacted	Redacted	79%	1
446		Redacted	Redacted	Redacted	1	Redacted	Redacted	79%	1
447		Redacted	Redacted	Redacted	1	Redacted	Redacted	85%	1
448		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
449		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
450		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
451		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
452		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
453		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
454		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
455		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
456		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
457		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
458		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
459		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
460		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
461		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
462		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
463		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
464		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
465		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
466		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
467		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
468		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
469		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
470		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
471		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
472		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
473		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
474		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
475		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
476		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
477		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
478		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
479		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
480		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
481		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
442	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
443	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
444	#N/A	Redacted	ok	physical	0	1	Redacted
445	#N/A	Redacted	ok	physical	0	1	Redacted
446	#N/A	Redacted	ok	physical	0	1	Redacted
447	#N/A	Redacted	ok	physical	0	1	Redacted
448	#N/A	Redacted	ok	physical	0	1	Redacted
449	#N/A	Redacted	ok	physical	0	1	Redacted
450	#N/A	Redacted	ok	physical	0	1	Redacted
451	#N/A	Redacted	ok	physical	0	1	Redacted
452	#N/A	Redacted	ok	physical	0	1	Redacted
453	#N/A	Redacted	ok	physical	0	1	Redacted
454	#N/A	Redacted	ok	physical	0	1	Redacted
455	#N/A	Redacted	ok	physical	0	1	Redacted
456	#N/A	Redacted	ok	physical	0	1	Redacted
457	#N/A	Redacted	ok	physical	0	1	Redacted
458	#N/A	Redacted	ok	physical	0	1	Redacted
459	#N/A	Redacted	ok	physical	0	1	Redacted
460	#N/A	Redacted	ok	physical	0	1	Redacted
461	#N/A	Redacted	ok	physical	0	1	Redacted
462	#N/A	Redacted	ok	physical	0	1	Redacted
463	#N/A	Redacted	ok	physical	0	1	Redacted
464	#N/A	Redacted	ok	physical	0	1	Redacted
465	#N/A	Redacted	ok	physical	0	1	Redacted
466	#N/A	Redacted	ok	physical	0	1	Redacted
467	#N/A	Redacted	ok	physical	0	1	Redacted
468	#N/A	Redacted	ok	physical	0	1	Redacted
469	#N/A	Redacted	ok	physical	0	1	Redacted
470	#N/A	Redacted	ok	physical	0	1	Redacted
471	#N/A	Redacted	ok	physical	0	1	Redacted
472	#N/A	Redacted	ok	physical	0	1	Redacted
473	#N/A	Redacted	ok	physical	0	1	Redacted
474	#N/A	Redacted	ok	physical	0	1	Redacted
475	#N/A	Redacted	ok	physical	0	1	Redacted
476	#N/A	Redacted	ok	physical	0	1	Redacted
477	#N/A	Redacted	ok	physical	0	1	Redacted
478	#N/A	Redacted	ok	physical	0	1	Redacted
479	#N/A	Redacted	ok	physical	0	1	Redacted
480	#N/A	Redacted	ok	physical	0	1	Redacted
481	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
482		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
483		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
484		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
485		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
486		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
487		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
488		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
489		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
490		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
491		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
492		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
493		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
494		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
495		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
496		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
497		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
498		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
499		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
500		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
501		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
502		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
503		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
504		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
505		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
506		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
507		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
508		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
509		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
510		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
511		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
512		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
513		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
514		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
515		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
516		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
517		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
518		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
519		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
520		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
521		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
482	#N/A	Redacted	ok	physical	0	1	Redacted
483	#N/A	Redacted	ok	physical	0	1	Redacted
484	#N/A	Redacted	ok	physical	0	1	Redacted
485	#N/A	Redacted	ok	physical	0	1	Redacted
486	#N/A	Redacted	ok	special	0	1	Redacted
487	#N/A	Redacted	ok	special	0	1	Redacted
488	#N/A	Redacted	ok	special	0	1	Redacted
489	#N/A	Redacted	ok	special	0	1	Redacted
490	#N/A	Redacted	ok	special	0	1	Redacted
491	#N/A	Redacted	ok	special	0	1	Redacted
492	#N/A	Redacted	ok	special	0	1	Redacted
493	#N/A	Redacted	ok	special	0	1	Redacted
494	#N/A	Redacted	ok	special	0	1	Redacted
495	#N/A	Redacted	ok	special	0	1	Redacted
496	#N/A	Redacted	ok	special	0	1	Redacted
497	#N/A	Redacted	ok	special	0	1	Redacted
498	#N/A	Redacted	ok	physical	0	1	Redacted
499	#N/A	Redacted	ok	physical	0	1	Redacted
500	#N/A	Redacted	ok	physical	0	1	Redacted
501	#N/A	Redacted	ok	physical	0	1	Redacted
502	#N/A	Redacted	ok	physical	0	1	Redacted
503	#N/A	Redacted	ok	physical	0	1	Redacted
504	#N/A	Redacted	ok	physical	0	1	Redacted
505	#N/A	Redacted	ok	physical	0	1	Redacted
506	#N/A	Redacted	ok	physical	0	1	Redacted
507	#N/A	Redacted	ok	physical	0	1	Redacted
508	#N/A	Redacted	ok	physical	0	1	Redacted
509	#N/A	Redacted	ok	physical	0	1	Redacted
510	#N/A	Redacted	ok	physical	0	1	Redacted
511	#N/A	Redacted	ok	physical	0	1	Redacted
512	#N/A	Redacted	ok	physical	0	1	Redacted
513	#N/A	Redacted	ok	physical	0	1	Redacted
514	#N/A	Redacted	ok	physical	0	1	Redacted
515	#N/A	Redacted	ok	physical	0	1	Redacted
516	#N/A	Redacted	ok	physical	0	1	Redacted
517	#N/A	Redacted	ok	physical	0	1	Redacted
518	#N/A	Redacted	ok	physical	0	1	Redacted
519	#N/A	Redacted	ok	physical	0	1	Redacted
520	#N/A	Redacted	ok	physical	0	1	Redacted
521	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
522		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
523		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
524		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
525		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
526		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
527		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
528		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
529		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
530		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
531		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
532		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
533		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
534		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
535		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
536		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
537		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
538		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
539		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
540		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
541		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
542		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
543		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
544		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
545		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
546		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
547		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
548		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
549		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
550		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
551		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
552		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
553		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
554		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
555		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
556		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
557		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
558		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
559		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
560		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
561		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
522	#N/A	Redacted	ok	physical	0	1	Redacted
523	#N/A	Redacted	ok	physical	0	1	Redacted
524	#N/A	Redacted	ok	physical	0	1	Redacted
525	#N/A	Redacted	ok	physical	0	1	Redacted
526	#N/A	Redacted	ok	physical	0	1	Redacted
527	#N/A	Redacted	ok	physical	0	1	Redacted
528	#N/A	Redacted	ok	physical	0	1	Redacted
529	#N/A	Redacted	ok	physical	0	1	Redacted
530	#N/A	Redacted	ok	physical	0	1	Redacted
531	#N/A	Redacted	ok	physical	0	1	Redacted
532	#N/A	Redacted	ok	physical	0	1	Redacted
533	#N/A	Redacted	ok	physical	0	1	Redacted
534	#N/A	Redacted	ok	physical	0	1	Redacted
535	#N/A	Redacted	ok	special	0	1	Redacted
536	#N/A	Redacted	ok	special	0	1	Redacted
537	#N/A	Redacted	ok	special	0	1	Redacted
538	#N/A	Redacted	ok	special	0	1	Redacted
539	#N/A	Redacted	ok	special	0	1	Redacted
540	#N/A	Redacted	ok	special	0	1	Redacted
541	#N/A	Redacted	ok	special	0	1	Redacted
542	#N/A	Redacted	ok	special	0	1	Redacted
543	#N/A	Redacted	ok	special	0	1	Redacted
544	#N/A	Redacted	ok	special	0	1	Redacted
545	#N/A	Redacted	ok	special	0	1	Redacted
546	#N/A	Redacted	ok	special	0	1	Redacted
547	#N/A	Redacted	ok	special	0	1	Redacted
548	#N/A	Redacted	ok	special	0	1	Redacted
549	#N/A	Redacted	ok	special	0	1	Redacted
550	#N/A	Redacted	ok	special	0	1	Redacted
551	#N/A	Redacted	ok	special	0	1	Redacted
552	#N/A	Redacted	ok	special	0	1	Redacted
553	#N/A	Redacted	ok	special	0	1	Redacted
554	#N/A	Redacted	ok	special	0	1	Redacted
555	#N/A	Redacted	ok	special	0	1	Redacted
556	#N/A	Redacted	ok	special	0	1	Redacted
557	#N/A	Redacted	ok	special	0	1	Redacted
558	#N/A	Redacted	ok	special	0	1	Redacted
559	#N/A	Redacted	ok	special	0	1	Redacted
560	#N/A	Redacted	ok	special	0	1	Redacted
561	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
562	SVCEA	Redacted	Redacted	2022	2	0	Redacted		online
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
562		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
563		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
564		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
565		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
566		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
567		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
568		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
569		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
570		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
571		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
572		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
573		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
574		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
575		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
576		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
577		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
578		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
579		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
580		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
581		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
582		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
583		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
584		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
585		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
586		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
587		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
588		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
589		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
590		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
591		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
592		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
593		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
594		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
595		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
596		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
597		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
598		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
599		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
600		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
601		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
562	#N/A	Redacted	ok	special	0	1	Redacted
563	#N/A	Redacted	ok	special	0	1	Redacted
564	#N/A	Redacted	ok	special	0	1	Redacted
565	#N/A	Redacted	ok	special	0	1	Redacted
566	#N/A	Redacted	ok	special	0	1	Redacted
567	#N/A	Redacted	ok	special	0	1	Redacted
568	#N/A	Redacted	ok	special	0	1	Redacted
569	#N/A	Redacted	ok	special	0	1	Redacted
570	#N/A	Redacted	ok	special	0	1	Redacted
571	#N/A	Redacted	ok	special	0	1	Redacted
572	#N/A	Redacted	ok	special	0	1	Redacted
573	#N/A	Redacted	ok	special	0	1	Redacted
574	#N/A	Redacted	ok	special	0	1	Redacted
575	#N/A	Redacted	ok	special	0	1	Redacted
576	#N/A	Redacted	ok	special	0	1	Redacted
577	#N/A	Redacted	ok	special	0	1	Redacted
578	#N/A	Redacted	ok	special	0	1	Redacted
579	#N/A	Redacted	ok	special	0	1	Redacted
580	#N/A	Redacted	ok	special	0	1	Redacted
581	#N/A	Redacted	ok	special	0	1	Redacted
582	#N/A	Redacted	ok	special	0	1	Redacted
583	#N/A	Redacted	ok	special	0	1	Redacted
584	#N/A	Redacted	ok	special	0	1	Redacted
585	#N/A	Redacted	ok	special	0	1	Redacted
586	#N/A	Redacted	ok	special	0	1	Redacted
587	#N/A	Redacted	ok	special	0	1	Redacted
588	#N/A	Redacted	ok	special	0	1	Redacted
589	#N/A	Redacted	ok	special	0	1	Redacted
590	#N/A	Redacted	ok	special	0	1	Redacted
591	#N/A	Redacted	ok	special	0	1	Redacted
592	#N/A	Redacted	ok	existing_generic	0	1	Redacted
593	#N/A	Redacted	ok	existing_generic	0	1	Redacted
594	#N/A	Redacted	ok	existing_generic	0	1	Redacted
595	#N/A	Redacted	ok	existing_generic	0	1	Redacted
596	#N/A	Redacted	ok	existing_generic	0	1	Redacted
597	#N/A	Redacted	ok	existing_generic	0	1	Redacted
598	#N/A	Redacted	ok	physical	0	1	Redacted
599	#N/A	Redacted	ok	physical	0	1	Redacted
600	#N/A	Redacted	ok	physical	0	1	Redacted
601	#N/A	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**
562	0	0	1	1	1	1	1	1	1	1
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
602		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
603		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
604		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
605		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
606		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
607		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
608		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
609		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
610		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
611		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
612		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
613		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
614		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
615		Redacted	Redacted	Redacted	1	Redacted	Redacted	81%	1
616		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
617		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
618		Redacted	Redacted	Redacted	1	Redacted	Redacted	79%	1
619		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
620		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
621		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
622		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
623		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
624		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
625		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
626		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
627		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
628		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
629		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
630		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
631		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
632		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
633		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
634		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
635		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
636		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
637		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
638		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
639		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
640		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
641		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
602	#N/A	Redacted	ok	physical	0	1	Redacted
603	#N/A	Redacted	ok	physical	0	1	Redacted
604	#N/A	Redacted	ok	physical	0	1	Redacted
605	#N/A	Redacted	ok	physical	0	1	Redacted
606	#N/A	Redacted	ok	physical	0	1	Redacted
607	#N/A	Redacted	ok	physical	0	1	Redacted
608	#N/A	Redacted	ok	physical	0	1	Redacted
609	#N/A	Redacted	ok	physical	0	1	Redacted
610	#N/A	Redacted	ok	physical	0	1	Redacted
611	#N/A	Redacted	ok	physical	0	1	Redacted
612	#N/A	Redacted	ok	physical	0	1	Redacted
613	#N/A	Redacted	ok	physical	0	1	Redacted
614	#N/A	Redacted	ok	physical	0	1	Redacted
615	#N/A	Redacted	ok	physical	0	1	Redacted
616	#N/A	Redacted	ok	physical	0	1	Redacted
617	#N/A	Redacted	ok	physical	0	1	Redacted
618	#N/A	Redacted	ok	physical	0	1	Redacted
619	#N/A	Redacted	ok	physical	0	1	Redacted
620	#N/A	Redacted	ok	physical	0	1	Redacted
621	#N/A	Redacted	ok	physical	0	1	Redacted
622	#N/A	Redacted	ok	physical	0	1	Redacted
623	#N/A	Redacted	ok	physical	0	1	Redacted
624	#N/A	Redacted	ok	physical	0	1	Redacted
625	#N/A	Redacted	ok	physical	0	1	Redacted
626	#N/A	Redacted	ok	physical	0	1	Redacted
627	#N/A	Redacted	ok	physical	0	1	Redacted
628	#N/A	Redacted	ok	physical	0	1	Redacted
629	#N/A	Redacted	ok	physical	0	1	Redacted
630	#N/A	Redacted	ok	physical	0	1	Redacted
631	#N/A	Redacted	ok	physical	0	1	Redacted
632	#N/A	Redacted	ok	physical	0	1	Redacted
633	#N/A	Redacted	ok	physical	0	1	Redacted
634	#N/A	Redacted	ok	physical	0	1	Redacted
635	#N/A	Redacted	ok	physical	0	1	Redacted
636	#N/A	Redacted	ok	physical	0	1	Redacted
637	#N/A	Redacted	ok	physical	0	1	Redacted
638	#N/A	Redacted	ok	physical	0	1	Redacted
639	#N/A	Redacted	ok	existing_generic	0	1	Redacted
640	#N/A	Redacted	ok	existing_generic	0	1	Redacted
641	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
642		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
643		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
644		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
645		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
646		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
647		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
648		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
649		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
650		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
651		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_4	100%	1
652		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	100%	1
653		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	100%	1
654		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_7	100%	1
655		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1
656		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	100%	1
657		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	100%	1
658		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_11	100%	1
659		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
660		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
661		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
662		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
663		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
664		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
665		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
666		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
667		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
668		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
669		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
670		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
671		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
672		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
673		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
674		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
675		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
676		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
677		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
678		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
679		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
680		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
681		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
642	#N/A	Redacted	ok	existing_generic	0	1	Redacted
643	#N/A	Redacted	ok	physical	0	1	Redacted
644	#N/A	Redacted	ok	physical	0	1	Redacted
645	#N/A	Redacted	ok	physical	0	1	Redacted
646	#N/A	Redacted	ok	physical	0	1	Redacted
647	#N/A	Redacted	ok	physical	0	1	Redacted
648	#N/A	Redacted	ok	physical	0	1	Redacted
649	#N/A	Redacted	ok	physical	0	1	Redacted
650	#N/A	Redacted	ok	physical	0	1	Redacted
651	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
652	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
653	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
654	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
655	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
656	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
657	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
658	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA112_none
659	#N/A	Redacted	ok	physical	0	1	Redacted
660	#N/A	Redacted	ok	physical	0	1	Redacted
661	#N/A	Redacted	ok	physical	0	1	Redacted
662	#N/A	Redacted	ok	physical	0	1	Redacted
663	#N/A	Redacted	ok	physical	0	1	Redacted
664	#N/A	Redacted	ok	physical	0	1	Redacted
665	#N/A	Redacted	ok	physical	0	1	Redacted
666	#N/A	Redacted	ok	physical	0	1	Redacted
667	#N/A	Redacted	ok	physical	0	1	Redacted
668	#N/A	Redacted	ok	physical	0	1	Redacted
669	#N/A	Redacted	ok	physical	0	1	Redacted
670	#N/A	Redacted	ok	physical	0	1	Redacted
671	#N/A	Redacted	ok	physical	0	1	Redacted
672	#N/A	Redacted	ok	physical	0	1	Redacted
673	#N/A	Redacted	ok	physical	0	1	Redacted
674	#N/A	Redacted	ok	physical	0	1	Redacted
675	#N/A	Redacted	ok	physical	0	1	Redacted
676	#N/A	Redacted	ok	physical	0	1	Redacted
677	#N/A	Redacted	ok	physical	0	1	Redacted
678	#N/A	Redacted	ok	physical	0	1	Redacted
679	#N/A	Redacted	ok	physical	0	1	Redacted
680	#N/A	Redacted	ok	physical	0	1	Redacted
681	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
682		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
683		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
684		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
685		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
686		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
687		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
688		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
689		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
690		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
691		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
692		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
693		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
694		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
695		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
696		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
697		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
698		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
699		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
700		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
701		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
702		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
703		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
704		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
705		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
706		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
707		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
708		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_1	100%	1
709		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1
710		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1
711		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_4	100%	1
712		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	100%	1
713		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	100%	1
714		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_7	100%	1
715		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1
716		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	100%	1
717		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	100%	1
718		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_11	100%	1
719		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_12	100%	1
720		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
721		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
682	#N/A	Redacted	ok	physical	0	1	Redacted
683	#N/A	Redacted	ok	physical	0	1	Redacted
684	#N/A	Redacted	ok	physical	0	1	Redacted
685	#N/A	Redacted	ok	physical	0	1	Redacted
686	#N/A	Redacted	ok	physical	0	1	Redacted
687	#N/A	Redacted	ok	physical	0	1	Redacted
688	#N/A	Redacted	ok	physical	0	1	Redacted
689	#N/A	Redacted	ok	physical	0	1	Redacted
690	#N/A	Redacted	ok	physical	0	1	Redacted
691	#N/A	Redacted	ok	physical	0	1	Redacted
692	#N/A	Redacted	ok	physical	0	1	Redacted
693	#N/A	Redacted	ok	physical	0	1	Redacted
694	#N/A	Redacted	ok	physical	0	1	Redacted
695	#N/A	Redacted	ok	physical	0	1	Redacted
696	#N/A	Redacted	ok	physical	0	1	Redacted
697	#N/A	Redacted	ok	physical	0	1	Redacted
698	#N/A	Redacted	ok	physical	0	1	Redacted
699	#N/A	Redacted	ok	physical	0	1	Redacted
700	#N/A	Redacted	ok	physical	0	1	Redacted
701	#N/A	Redacted	ok	physical	0	1	Redacted
702	#N/A	Redacted	ok	physical	0	1	Redacted
703	#N/A	Redacted	ok	physical	0	1	Redacted
704	#N/A	Redacted	ok	physical	0	1	Redacted
705	#N/A	Redacted	ok	physical	0	1	Redacted
706	#N/A	Redacted	ok	physical	0	1	Redacted
707	#N/A	Redacted	ok	physical	0	1	Redacted
708	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
709	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
710	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
711	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
712	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
713	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
714	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
715	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
716	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
717	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
718	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
719	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA116_none
720	#N/A	Redacted	ok	physical	0	1	Redacted
721	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
722		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
723		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
724		Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1
725		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_1	100%	1
726		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_2	100%	1
727		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_3	100%	1
728		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_4	100%	1
729		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_5	100%	1
730		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_6	100%	1
731		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_7	100%	1
732		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_8	100%	1
733		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_9	100%	1
734		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_10	100%	1
735		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_11	100%	1
736		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_12	100%	1
737		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_10	100%	1
738		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_1	100%	1
739		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1
740		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1
741		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_4	100%	1
742		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	100%	1
743		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	100%	1
744		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_7	100%	1
745		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1
746		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	100%	1
747		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	100%	1
748		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_11	100%	1
749		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_12	100%	1
750		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
751		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
752		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
753		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
754		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
755		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
756		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
757		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
758		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
759		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
760		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
761		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
722	#N/A	Redacted	ok	physical	0	1	Redacted
723	#N/A	Redacted	ok	physical	0	1	Redacted
724	#N/A	Redacted	ok	physical	0	1	Redacted
725	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
726	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
727	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
728	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
729	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
730	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
731	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
732	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
733	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
734	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
735	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
736	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
737	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA118_none
738	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
739	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
740	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
741	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
742	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
743	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
744	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
745	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
746	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
747	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
748	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
749	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA118_none
750	#N/A	Redacted	ok	physical	0	1	Redacted
751	#N/A	Redacted	ok	physical	0	1	Redacted
752	#N/A	Redacted	ok	physical	0	1	Redacted
753	#N/A	Redacted	ok	physical	0	1	Redacted
754	#N/A	Redacted	ok	physical	0	1	Redacted
755	#N/A	Redacted	ok	physical	0	1	Redacted
756	#N/A	Redacted	ok	physical	0	1	Redacted
757	#N/A	Redacted	ok	physical	0	1	Redacted
758	#N/A	Redacted	ok	physical	0	1	Redacted
759	#N/A	Redacted	ok	physical	0	1	Redacted
760	#N/A	Redacted	ok	physical	0	1	Redacted
761	#N/A	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**
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
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
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
762		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
763		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
764		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
765		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
766		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
767		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
768		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
769		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
770		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
771		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
772		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
773		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
774		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
775		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
776		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
777		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
778		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
779		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
780		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
781		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
782		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
783		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
784		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
785		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
786		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
787		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
788		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
789		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
790		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
791		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
792		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
793		Redacted	Redacted	Redacted	1	Redacted	Redacted	66%	1
794		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
795		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
796		Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_1	100%	1
797		Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_2	100%	1
798		Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_3	100%	1
799		Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_4	100%	1
800		Redacted	Redacted	CAISO_Reciprocating_Engine	1	thermal	thermal_2020_5	100%	1
801		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
762	#N/A	Redacted	ok	physical	0	1	Redacted
763	#N/A	Redacted	ok	physical	0	1	Redacted
764	#N/A	Redacted	ok	physical	0	1	Redacted
765	#N/A	Redacted	ok	physical	0	1	Redacted
766	#N/A	Redacted	ok	physical	0	1	Redacted
767	#N/A	Redacted	ok	physical	0	1	Redacted
768	#N/A	Redacted	ok	physical	0	1	Redacted
769	#N/A	Redacted	ok	physical	0	1	Redacted
770	#N/A	Redacted	ok	physical	0	1	Redacted
771	#N/A	Redacted	ok	physical	0	1	Redacted
772	#N/A	Redacted	ok	physical	0	1	Redacted
773	#N/A	Redacted	ok	physical	0	1	Redacted
774	#N/A	Redacted	ok	physical	0	1	Redacted
775	#N/A	Redacted	ok	physical	0	1	Redacted
776	#N/A	Redacted	ok	physical	0	1	Redacted
777	#N/A	Redacted	ok	physical	0	1	Redacted
778	#N/A	Redacted	ok	special	0	1	Redacted
779	#N/A	Redacted	ok	physical	0	1	Redacted
780	#N/A	Redacted	ok	physical	0	1	Redacted
781	#N/A	Redacted	ok	physical	0	1	Redacted
782	#N/A	Redacted	ok	physical	0	1	Redacted
783	#N/A	Redacted	ok	physical	0	1	Redacted
784	#N/A	Redacted	ok	physical	0	1	Redacted
785	#N/A	Redacted	ok	physical	0	1	Redacted
786	#N/A	Redacted	ok	physical	0	1	Redacted
787	#N/A	Redacted	ok	physical	0	1	Redacted
788	#N/A	Redacted	ok	physical	0	1	Redacted
789	#N/A	Redacted	ok	physical	0	1	Redacted
790	#N/A	Redacted	ok	physical	0	1	Redacted
791	#N/A	Redacted	ok	physical	0	1	Redacted
792	#N/A	Redacted	ok	physical	0	1	Redacted
793	#N/A	Redacted	ok	physical	0	1	Redacted
794	#N/A	Redacted	ok	physical	0	1	Redacted
795	#N/A	Redacted	ok	physical	0	1	Redacted
796	#N/A	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
797	#N/A	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
798	#N/A	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
799	#N/A	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
800	#N/A	Redacted	ok	physical	0	0	HUMBPP_1_UNITS3_194RA125_none
801	#N/A	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA125_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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
802		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_4	100%	1
803		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	100%	1
804		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_5	100%	1
805		Redacted	Redacted	CAISO_CCGT2	1	thermal	thermal_2022_4	100%	1
806		Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_1	100%	1
807		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1
808		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1
809		Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_3	100%	1
810		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1
811		Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_4	100%	1
812		Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_5	100%	1
813		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	100%	1
814		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_7	100%	1
815		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1
816		Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_9	100%	1
817		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	100%	1
818		Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_10	100%	1
819		Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_11	100%	1
820		Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_10	100%	1
821		Redacted	Redacted	CAISO_Peaker1	1	thermal	thermal_2020_11	100%	1
822		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_6	74%	1
823		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_7	73%	1
824		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_8	72%	1
825		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_9	71%	1
826		Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_1	82%	1
827		Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_2	86%	1
828		Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_3	84%	1
829		Redacted	Redacted	CAISO_CCGT2	1	thermal	thermal_2022_4	100%	1
830		Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_5	83%	1
831		Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_6	89%	1
832		Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_7	87%	1
833		Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_8	90%	1
834		Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_9	90%	1
835		Redacted	Redacted	CAISO_Biomass	1	biomass	biomass_2022_10	81%	1
836		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
837		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
838		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
839		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
840		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
841		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
802	#N/A	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA125_none
803	#N/A	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA125_none
804	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_194RA125_none
805	#N/A	Redacted	ok	physical	0	0	SCHLTE_1_PL1X3_194RA125_none
806	#N/A	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
807	#N/A	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA126_none
808	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
809	#N/A	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
810	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
811	#N/A	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
812	#N/A	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
813	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
814	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
815	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
816	#N/A	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
817	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA126_none
818	#N/A	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
819	#N/A	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA126_none
820	#N/A	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA127_none
821	#N/A	Redacted	ok	physical	0	0	PNCHEG_2_PL1X4_194RA127_none
822	#N/A	Redacted	ok	existing_generic	0	0	existing_generic_nw_hydro_194RA128_none
823	#N/A	Redacted	ok	existing_generic	0	0	existing_generic_nw_hydro_194RA128_none
824	#N/A	Redacted	ok	existing_generic	0	0	existing_generic_nw_hydro_194RA128_none
825	#N/A	Redacted	ok	existing_generic	0	0	existing_generic_nw_hydro_194RA128_none
826	#N/A	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
827	#N/A	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
828	#N/A	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
829	#N/A	Redacted	ok	physical	0	0	SCHLTE_1_PL1X3_194RA129_none
830	#N/A	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
831	#N/A	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
832	#N/A	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
833	#N/A	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
834	#N/A	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
835	#N/A	Redacted	ok	physical	0	0	COGNAT_1_UNIT_194RA129_none
836	#N/A	Redacted	ok	physical	0	1	Redacted
837	#N/A	Redacted	ok	physical	0	1	Redacted
838	#N/A	Redacted	ok	physical	0	1	Redacted
839	#N/A	Redacted	ok	physical	0	1	Redacted
840	#N/A	Redacted	ok	physical	0	1	Redacted
841	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
842		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
843		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
844		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
845		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
846		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
847		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
848		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
849		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
850		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
851		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
852		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
853		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
854		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
855		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
856		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
857		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
858		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
859		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
860		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
861		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
862		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
863		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
864		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
865		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
866		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
867		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
868		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
869		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
870		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
871		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
872		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
873		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
874		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
875		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
876		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
877		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
878		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
879		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
880		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
881		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
842	#N/A	Redacted	ok	physical	0	1	Redacted
843	#N/A	Redacted	ok	physical	0	1	Redacted
844	#N/A	Redacted	ok	physical	0	1	Redacted
845	#N/A	Redacted	ok	physical	0	1	Redacted
846	#N/A	Redacted	ok	physical	0	1	Redacted
847	#N/A	Redacted	ok	physical	0	1	Redacted
848	#N/A	Redacted	ok	physical	0	1	Redacted
849	#N/A	Redacted	ok	physical	0	1	Redacted
850	#N/A	Redacted	ok	physical	0	1	Redacted
851	#N/A	Redacted	ok	physical	0	1	Redacted
852	#N/A	Redacted	ok	physical	0	1	Redacted
853	#N/A	Redacted	ok	physical	0	1	Redacted
854	#N/A	Redacted	ok	physical	0	1	Redacted
855	#N/A	Redacted	ok	physical	0	1	Redacted
856	#N/A	Redacted	ok	physical	0	1	Redacted
857	#N/A	Redacted	ok	physical	0	1	Redacted
858	#N/A	Redacted	ok	physical	0	1	Redacted
859	#N/A	Redacted	ok	physical	0	1	Redacted
860	#N/A	Redacted	ok	physical	0	1	Redacted
861	#N/A	Redacted	ok	physical	0	1	Redacted
862	#N/A	Redacted	ok	physical	0	1	Redacted
863	#N/A	Redacted	ok	physical	0	1	Redacted
864	#N/A	Redacted	ok	physical	0	1	Redacted
865	#N/A	Redacted	ok	physical	0	1	Redacted
866	#N/A	Redacted	ok	physical	0	1	Redacted
867	#N/A	Redacted	ok	physical	0	1	Redacted
868	#N/A	Redacted	ok	physical	0	1	Redacted
869	#N/A	Redacted	ok	physical	0	1	Redacted
870	#N/A	Redacted	ok	physical	0	1	Redacted
871	#N/A	Redacted	ok	physical	0	1	Redacted
872	#N/A	Redacted	ok	physical	0	1	Redacted
873	#N/A	Redacted	ok	physical	0	1	Redacted
874	#N/A	Redacted	ok	physical	0	1	Redacted
875	#N/A	Redacted	ok	physical	0	1	Redacted
876	#N/A	Redacted	ok	physical	0	1	Redacted
877	#N/A	Redacted	ok	physical	0	1	Redacted
878	#N/A	Redacted	ok	physical	0	1	Redacted
879	#N/A	Redacted	ok	physical	0	1	Redacted
880	#N/A	Redacted	ok	physical	0	1	Redacted
881	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
882		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
883		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
884		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
885		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
886		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
887		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
888		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
889		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
890		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
891		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
892		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
893		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
894		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
895		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
896		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
897		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
898		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
899		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
900		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
901		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
902		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
903		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
904		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
905		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
906		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
907		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
908		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
909		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
910		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
911		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
912		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
913		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
914		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
915		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
916		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
917		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
918		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
919		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
920		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
921		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
882	#N/A	Redacted	ok	physical	0	1	Redacted
883	#N/A	Redacted	ok	physical	0	1	Redacted
884	#N/A	Redacted	ok	physical	0	1	Redacted
885	#N/A	Redacted	ok	physical	0	1	Redacted
886	#N/A	Redacted	ok	physical	0	1	Redacted
887	#N/A	Redacted	ok	physical	0	1	Redacted
888	#N/A	Redacted	ok	physical	0	1	Redacted
889	#N/A	Redacted	ok	physical	0	1	Redacted
890	#N/A	Redacted	ok	physical	0	1	Redacted
891	#N/A	Redacted	ok	physical	0	1	Redacted
892	#N/A	Redacted	ok	physical	0	1	Redacted
893	#N/A	Redacted	ok	physical	0	1	Redacted
894	#N/A	Redacted	ok	physical	0	1	Redacted
895	#N/A	Redacted	ok	physical	0	1	Redacted
896	#N/A	Redacted	ok	physical	0	1	Redacted
897	#N/A	Redacted	ok	physical	0	1	Redacted
898	#N/A	Redacted	ok	physical	0	1	Redacted
899	#N/A	Redacted	ok	physical	0	1	Redacted
900	#N/A	Redacted	ok	physical	0	1	Redacted
901	#N/A	Redacted	ok	physical	0	1	Redacted
902	#N/A	Redacted	ok	physical	0	1	Redacted
903	#N/A	Redacted	ok	physical	0	1	Redacted
904	#N/A	Redacted	ok	physical	0	1	Redacted
905	#N/A	Redacted	ok	physical	0	1	Redacted
906	#N/A	Redacted	ok	physical	0	1	Redacted
907	#N/A	Redacted	ok	physical	0	1	Redacted
908	#N/A	Redacted	ok	physical	0	1	Redacted
909	#N/A	Redacted	ok	physical	0	1	Redacted
910	#N/A	Redacted	ok	physical	0	1	Redacted
911	#N/A	Redacted	ok	physical	0	1	Redacted
912	#N/A	Redacted	ok	physical	0	1	Redacted
913	#N/A	Redacted	ok	physical	0	1	Redacted
914	#N/A	Redacted	ok	physical	0	1	Redacted
915	#N/A	Redacted	ok	physical	0	1	Redacted
916	#N/A	Redacted	ok	physical	0	1	Redacted
917	#N/A	Redacted	ok	physical	0	1	Redacted
918	#N/A	Redacted	ok	physical	0	1	Redacted
919	#N/A	Redacted	ok	physical	0	1	Redacted
920	#N/A	Redacted	ok	physical	0	1	Redacted
921	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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
960	SVCEA	Redacted	Redacted	2020	8	0	Redacted		online
961	SVCEA	Redacted	Redacted	2020	9	0	Redacted		online

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

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
922	#N/A	Redacted	ok	physical	0	1	Redacted
923	#N/A	Redacted	ok	physical	0	1	Redacted
924	#N/A	Redacted	ok	physical	0	1	Redacted
925	#N/A	Redacted	ok	physical	0	1	Redacted
926	#N/A	Redacted	ok	physical	0	1	Redacted
927	#N/A	Redacted	ok	physical	0	1	Redacted
928	#N/A	Redacted	ok	physical	0	1	Redacted
929	#N/A	Redacted	ok	physical	0	1	Redacted
930	#N/A	Redacted	ok	physical	0	1	Redacted
931	#N/A	Redacted	ok	physical	0	1	Redacted
932	#N/A	Redacted	ok	physical	0	1	Redacted
933	#N/A	Redacted	ok	physical	0	1	Redacted
934	#N/A	Redacted	ok	physical	0	1	Redacted
935	#N/A	Redacted	ok	physical	0	1	Redacted
936	#N/A	Redacted	ok	physical	0	1	Redacted
937	#N/A	Redacted	ok	physical	0	1	Redacted
938	#N/A	Redacted	ok	physical	0	1	Redacted
939	#N/A	Redacted	ok	physical	0	1	Redacted
940	#N/A	Redacted	ok	physical	0	1	Redacted
941	#N/A	Redacted	ok	physical	0	1	Redacted
942	#N/A	Redacted	ok	physical	0	1	Redacted
943	#N/A	Redacted	ok	physical	0	1	Redacted
944	#N/A	Redacted	ok	physical	0	1	Redacted
945	#N/A	Redacted	ok	physical	0	1	Redacted
946	#N/A	Redacted	ok	physical	0	1	Redacted
947	#N/A	Redacted	ok	physical	0	1	Redacted
948	#N/A	Redacted	ok	physical	0	1	Redacted
949	#N/A	Redacted	ok	physical	0	1	Redacted
950	#N/A	Redacted	ok	physical	0	1	Redacted
951	#N/A	Redacted	ok	physical	0	1	Redacted
952	#N/A	Redacted	ok	physical	0	1	Redacted
953	#N/A	Redacted	ok	physical	0	1	Redacted
954	#N/A	Redacted	ok	physical	0	1	Redacted
955	#N/A	Redacted	ok	physical	0	1	Redacted
956	#N/A	Redacted	ok	physical	0	1	Redacted
957	#N/A	Redacted	ok	physical	0	1	Redacted
958	#N/A	Redacted	ok	physical	0	1	Redacted
959	#N/A	Redacted	ok	physical	0	1	Redacted
960	#N/A	Redacted	ok	physical	0	1	Redacted
961	#N/A	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**
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
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
960	0	0	1	1	1	1	1	1	1	1
961	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
962		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
963		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
964		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
965		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
966		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_1	100%	1
967		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_2	100%	1
968		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
969		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
970		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
971		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
972		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
973		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
974		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
975		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
976		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
977		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
978		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
979		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
980		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
981		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
982		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
983		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
984		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
985		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
986		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
987		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
988		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
989		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
990		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
991		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
992		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
993		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
994		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
995		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
996		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
997		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
998		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
999		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
1000		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
1001		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
962	#N/A	Redacted	ok	physical	0	1	Redacted
963	#N/A	Redacted	ok	physical	0	1	Redacted
964	#N/A	Redacted	ok	physical	0	1	Redacted
965	#N/A	Redacted	ok	physical	0	1	Redacted
966	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA134_none
967	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_194RA134_none
968	#N/A	Redacted	ok	physical	0	1	Redacted
969	#N/A	Redacted	ok	physical	0	1	Redacted
970	#N/A	Redacted	ok	physical	0	1	Redacted
971	#N/A	Redacted	ok	physical	0	1	Redacted
972	#N/A	Redacted	ok	physical	0	1	Redacted
973	#N/A	Redacted	ok	physical	0	1	Redacted
974	#N/A	Redacted	ok	physical	0	1	Redacted
975	#N/A	Redacted	ok	physical	0	1	Redacted
976	#N/A	Redacted	ok	physical	0	1	Redacted
977	#N/A	Redacted	ok	physical	0	1	Redacted
978	#N/A	Redacted	ok	physical	0	1	Redacted
979	#N/A	Redacted	ok	physical	0	1	Redacted
980	#N/A	Redacted	ok	physical	0	1	Redacted
981	#N/A	Redacted	ok	physical	0	1	Redacted
982	#N/A	Redacted	ok	physical	0	1	Redacted
983	#N/A	Redacted	ok	physical	0	1	Redacted
984	#N/A	Redacted	ok	physical	0	1	Redacted
985	#N/A	Redacted	ok	physical	0	1	Redacted
986	#N/A	Redacted	ok	physical	0	1	Redacted
987	#N/A	Redacted	ok	physical	0	1	Redacted
988	#N/A	Redacted	ok	physical	0	1	Redacted
989	#N/A	Redacted	ok	physical	0	1	Redacted
990	#N/A	Redacted	ok	physical	0	1	Redacted
991	#N/A	Redacted	ok	physical	0	1	Redacted
992	#N/A	Redacted	ok	physical	0	1	Redacted
993	#N/A	Redacted	ok	physical	0	1	Redacted
994	#N/A	Redacted	ok	physical	0	1	Redacted
995	#N/A	Redacted	ok	physical	0	1	Redacted
996	#N/A	Redacted	ok	physical	0	1	Redacted
997	#N/A	Redacted	ok	physical	0	1	Redacted
998	#N/A	Redacted	ok	physical	0	1	Redacted
999	#N/A	Redacted	ok	physical	0	1	Redacted
1000	#N/A	Redacted	ok	physical	0	1	Redacted
1001	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
1026	SVCEA	MTNPOS_1_UNIT	194RA143	2020	2	0	Redacted		online
1027	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	1	6.3	Redacted		development
1028	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	2	5.6	Redacted		development
1029	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	3	6.0	Redacted		development
1030	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	4	5.3	Redacted		development
1031	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	5	4.6	Redacted		development
1032	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	6	3.6	Redacted		development
1033	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	7	2.8	Redacted		development
1034	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	8	3.2	Redacted		development
1035	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	9	3.8	Redacted		development
1036	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	10	5.1	Redacted		development
1037	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	11	5.4	Redacted		development
1038	SVCEA	Northern_California_Ex_Geothermal	201BE056	2022	12	6.2	Redacted		development
1039	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	1	6.3	Redacted		development
1040	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	2	5.6	Redacted		development
1041	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	3	5.9	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1002		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
1003		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
1004		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
1005		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
1006		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
1007		Redacted	Redacted	Redacted	1	Redacted	Redacted	92%	1
1008		Redacted	Redacted	Redacted	1	Redacted	Redacted	88%	1
1009		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
1010		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
1011		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
1012		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
1013		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
1014		Redacted	Redacted	Redacted	1	Redacted	Redacted	83%	1
1015		Redacted	Redacted	Redacted	1	Redacted	Redacted	86%	1
1016		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
1017		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
1018		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1019		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_3	100%	1
1020		Redacted	Redacted	CAISO_CHP	1	cogen	cogen_2020_2	79%	1
1021		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_4	15%	1
1022		Redacted	Redacted	CAISO_CHP	1	cogen	cogen_2020_10	72%	1
1023		Redacted	Redacted	CAISO_CHP	1	cogen	cogen_2020_11	78%	1
1024		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1025		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1026		Redacted	Redacted	CAISO_CHP	1	cogen	cogen_2020_2	79%	1
1027		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_1	95%	1
1028		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_2	92%	1
1029		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_3	88%	1
1030		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_4	76%	1
1031		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_5	74%	1
1032		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_6	70%	1
1033		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_7	84%	1
1034		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_8	82%	1
1035		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_9	83%	1
1036		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_10	86%	1
1037		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_11	93%	1
1038		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2022_12	95%	1
1039		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_1	95%	1
1040		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_2	92%	1
1041		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_3	88%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1002	#N/A	Redacted	ok	physical	0	1	Redacted
1003	#N/A	Redacted	ok	physical	0	1	Redacted
1004	#N/A	Redacted	ok	physical	0	1	Redacted
1005	#N/A	Redacted	ok	physical	0	1	Redacted
1006	#N/A	Redacted	ok	physical	0	1	Redacted
1007	#N/A	Redacted	ok	physical	0	1	Redacted
1008	#N/A	Redacted	ok	physical	0	1	Redacted
1009	#N/A	Redacted	ok	physical	0	1	Redacted
1010	#N/A	Redacted	ok	physical	0	1	Redacted
1011	#N/A	Redacted	ok	physical	0	1	Redacted
1012	#N/A	Redacted	ok	physical	0	1	Redacted
1013	#N/A	Redacted	ok	physical	0	1	Redacted
1014	#N/A	Redacted	ok	physical	0	1	Redacted
1015	#N/A	Redacted	ok	physical	0	1	Redacted
1016	#N/A	Redacted	ok	physical	0	1	Redacted
1017	#N/A	Redacted	ok	physical	0	1	Redacted
1018	#N/A	Redacted	ok	physical	0	1	Redacted
1019	#N/A	Redacted	ok	physical	0	0	HIDSRT_2_UNITS_194RA140_none
1020	#N/A	Redacted	ok	physical	0	0	MTNPOS_1_UNIT_194RA141_none
1021	#N/A	Redacted	ok	physical	0	0	OLDRV1_6_SOLAR_194RA141_none
1022	#N/A	Redacted	ok	physical	0	0	MTNPOS_1_UNIT_194RA141_none
1023	#N/A	Redacted	ok	physical	0	0	MTNPOS_1_UNIT_194RA141_none
1024	#N/A	Redacted	ok	physical	0	1	Redacted
1025	#N/A	Redacted	ok	physical	0	1	Redacted
1026	#N/A	Redacted	ok	physical	0	0	MTNPOS_1_UNIT_194RA143_none
1027	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1028	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1029	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1030	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1031	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1032	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1033	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1034	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1035	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1036	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1037	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1038	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1039	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1040	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1041	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1042	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	4	5.3	Redacted		development
1043	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	5	4.6	Redacted		development
1044	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	6	3.6	Redacted		development
1045	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	7	2.8	Redacted		development
1046	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	8	3.2	Redacted		development
1047	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	9	3.8	Redacted		development
1048	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	10	5.1	Redacted		development
1049	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	11	5.4	Redacted		development
1050	SVCEA	Northern_California_Ex_Geothermal	201BE056	2023	12	6.2	Redacted		development
1051	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	1	6.2	Redacted		development
1052	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	2	5.8	Redacted		development
1053	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	3	5.9	Redacted		development
1054	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	4	5.3	Redacted		development
1055	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	5	4.5	Redacted		development
1056	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	6	3.6	Redacted		development
1057	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	7	2.8	Redacted		development
1058	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	8	3.1	Redacted		development
1059	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	9	3.8	Redacted		development
1060	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	10	5.0	Redacted		development
1061	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	11	5.4	Redacted		development
1062	SVCEA	Northern_California_Ex_Geothermal	201BE056	2024	12	6.2	Redacted		development
1063	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	1	6.2	Redacted		development
1064	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	2	5.6	Redacted		development
1065	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	3	5.9	Redacted		development
1066	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	4	5.3	Redacted		development
1067	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	5	4.5	Redacted		development
1068	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	6	3.5	Redacted		development
1069	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	7	2.8	Redacted		development
1070	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	8	3.1	Redacted		development
1071	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	9	3.8	Redacted		development
1072	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	10	5.0	Redacted		development
1073	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	11	5.4	Redacted		development
1074	SVCEA	Northern_California_Ex_Geothermal	201BE056	2025	12	6.2	Redacted		development
1075	SVCEA	BLM_2_UNITS	201BE062	2022	1	33.8	Redacted		online
1076	SVCEA	BLM_2_UNITS	201BE062	2022	2	30.5	Redacted		online
1077	SVCEA	BLM_2_UNITS	201BE062	2022	3	33.4	Redacted		online
1078	SVCEA	BLM_2_UNITS	201BE062	2022	4	30.1	Redacted		online
1079	SVCEA	BLM_2_UNITS	201BE062	2022	5	31.8	Redacted		online
1080	SVCEA	BLM_2_UNITS	201BE062	2022	6	31.6	Redacted		online
1081	SVCEA	BLM_2_UNITS	201BE062	2022	7	32.5	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1042		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_4	76%	1
1043		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_5	74%	1
1044		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_6	70%	1
1045		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_7	84%	1
1046		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_8	82%	1
1047		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_9	83%	1
1048		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_10	86%	1
1049		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_11	93%	1
1050		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2023_12	95%	1
1051		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_1	95%	1
1052		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_2	92%	1
1053		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_3	88%	1
1054		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_4	76%	1
1055		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_5	74%	1
1056		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_6	70%	1
1057		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_7	84%	1
1058		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_8	82%	1
1059		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_9	83%	1
1060		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_10	86%	1
1061		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_11	93%	1
1062		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2024_12	95%	1
1063		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_1	95%	1
1064		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_2	92%	1
1065		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_3	88%	1
1066		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_4	76%	1
1067		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_5	74%	1
1068		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_6	70%	1
1069		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_7	84%	1
1070		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_8	82%	1
1071		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_9	83%	1
1072		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_10	86%	1
1073		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_11	93%	1
1074		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2025_12	95%	1
1075		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_1	95%	1
1076		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_2	92%	1
1077		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_3	88%	1
1078		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_4	76%	1
1079		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_5	74%	1
1080		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_6	70%	1
1081		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_7	84%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1042	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1043	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1044	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1045	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1046	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1047	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1048	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1049	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1050	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1051	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1052	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1053	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1054	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1055	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1056	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1057	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1058	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1059	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1060	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1061	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1062	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1063	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1064	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1065	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1066	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1067	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1068	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1069	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1070	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1071	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1072	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1073	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1074	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1075	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1076	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1077	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1078	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1079	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1080	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1081	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1082	SVCEA	BLM_2_UNITS	201BE062	2022	8	32.4	Redacted		online
1083	SVCEA	BLM_2_UNITS	201BE062	2022	9	31.5	Redacted		online
1084	SVCEA	BLM_2_UNITS	201BE062	2022	10	33.3	Redacted		online
1085	SVCEA	BLM_2_UNITS	201BE062	2022	11	32.5	Redacted		online
1086	SVCEA	BLM_2_UNITS	201BE062	2022	12	33.6	Redacted		online
1087	SVCEA	BLM_2_UNITS	201BE062	2023	1	33.5	Redacted		online
1088	SVCEA	BLM_2_UNITS	201BE062	2023	2	30.2	Redacted		online
1089	SVCEA	BLM_2_UNITS	201BE062	2023	3	33.1	Redacted		online
1090	SVCEA	BLM_2_UNITS	201BE062	2023	4	29.9	Redacted		online
1091	SVCEA	BLM_2_UNITS	201BE062	2023	5	31.5	Redacted		online
1092	SVCEA	BLM_2_UNITS	201BE062	2023	6	31.3	Redacted		online
1093	SVCEA	BLM_2_UNITS	201BE062	2023	7	32.1	Redacted		online
1094	SVCEA	BLM_2_UNITS	201BE062	2023	8	32.1	Redacted		online
1095	SVCEA	BLM_2_UNITS	201BE062	2023	9	31.2	Redacted		online
1096	SVCEA	BLM_2_UNITS	201BE062	2023	10	32.9	Redacted		online
1097	SVCEA	BLM_2_UNITS	201BE062	2023	11	32.2	Redacted		online
1098	SVCEA	BLM_2_UNITS	201BE062	2023	12	33.3	Redacted		online
1099	SVCEA	BLM_2_UNITS	201BE062	2024	1	33.2	Redacted		online
1100	SVCEA	BLM_2_UNITS	201BE062	2024	2	30.9	Redacted		online
1101	SVCEA	BLM_2_UNITS	201BE062	2024	3	32.7	Redacted		online
1102	SVCEA	BLM_2_UNITS	201BE062	2024	4	29.6	Redacted		online
1103	SVCEA	BLM_2_UNITS	201BE062	2024	5	31.2	Redacted		online
1104	SVCEA	BLM_2_UNITS	201BE062	2024	6	31.0	Redacted		online
1105	SVCEA	BLM_2_UNITS	201BE062	2024	7	31.8	Redacted		online
1106	SVCEA	BLM_2_UNITS	201BE062	2024	8	31.8	Redacted		online
1107	SVCEA	BLM_2_UNITS	201BE062	2024	9	30.9	Redacted		online
1108	SVCEA	BLM_2_UNITS	201BE062	2024	10	32.6	Redacted		online
1109	SVCEA	BLM_2_UNITS	201BE062	2024	11	31.8	Redacted		online
1110	SVCEA	BLM_2_UNITS	201BE062	2024	12	33.0	Redacted		online
1111	SVCEA	BLM_2_UNITS	201BE062	2025	1	32.8	Redacted		online
1112	SVCEA	BLM_2_UNITS	201BE062	2025	2	29.6	Redacted		online
1113	SVCEA	BLM_2_UNITS	201BE062	2025	3	32.4	Redacted		online
1114	SVCEA	BLM_2_UNITS	201BE062	2025	4	29.3	Redacted		online
1115	SVCEA	BLM_2_UNITS	201BE062	2025	5	30.9	Redacted		online
1116	SVCEA	BLM_2_UNITS	201BE062	2025	6	30.6	Redacted		online
1117	SVCEA	BLM_2_UNITS	201BE062	2025	7	31.5	Redacted		online
1118	SVCEA	BLM_2_UNITS	201BE062	2025	8	31.5	Redacted		online
1119	SVCEA	BLM_2_UNITS	201BE062	2025	9	30.6	Redacted		online
1120	SVCEA	BLM_2_UNITS	201BE062	2025	10	32.3	Redacted		online
1121	SVCEA	BLM_2_UNITS	201BE062	2025	11	31.5	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1082		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_8	82%	1
1083		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_9	83%	1
1084		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_10	86%	1
1085		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_11	93%	1
1086		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2022_12	95%	1
1087		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_1	95%	1
1088		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_2	92%	1
1089		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_3	88%	1
1090		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_4	76%	1
1091		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_5	74%	1
1092		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_6	70%	1
1093		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_7	84%	1
1094		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_8	82%	1
1095		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_9	83%	1
1096		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_10	86%	1
1097		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_11	93%	1
1098		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2023_12	95%	1
1099		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_1	95%	1
1100		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_2	92%	1
1101		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_3	88%	1
1102		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_4	76%	1
1103		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_5	74%	1
1104		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_6	70%	1
1105		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_7	84%	1
1106		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_8	82%	1
1107		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_9	83%	1
1108		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_10	86%	1
1109		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_11	93%	1
1110		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2024_12	95%	1
1111		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_1	95%	1
1112		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_2	92%	1
1113		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_3	88%	1
1114		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_4	76%	1
1115		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_5	74%	1
1116		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_6	70%	1
1117		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_7	84%	1
1118		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_8	82%	1
1119		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_9	83%	1
1120		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_10	86%	1
1121		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_11	93%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1082	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1083	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1084	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1085	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1086	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1087	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1088	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1089	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1090	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1091	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1092	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1093	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1094	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1095	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1096	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1097	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1098	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1099	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1100	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1101	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1102	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1103	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1104	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1105	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1106	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1107	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1108	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1109	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1110	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1111	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1112	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1113	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1114	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1115	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1116	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1117	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1118	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1119	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1120	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1121	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1122	SVCEA	BLM_2_UNITS	201BE062	2025	12	32.6	Redacted		online
1123	SVCEA	Redacted	Redacted	2020	3	0	Redacted		online
1124	SVCEA	Redacted	Redacted	2020	6	0	Redacted		online
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1122		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2025_12	95%	1
1123		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1124		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1125		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1126		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1127		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_3	0%	1
1128		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_4	0%	1
1129		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_5	0%	1
1130		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_6	0%	1
1131		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_7	0%	1
1132		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_7	0%	1
1133		Redacted	Redacted	sellers_choice	1	unknown	unknown_2020_8	0%	1
1134		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	100%	1
1135		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1136		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1137		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1138		Redacted	Redacted	Redacted	1	Redacted	Redacted	76%	1
1139		Redacted	Redacted	Redacted	1	Redacted	Redacted	93%	1
1140		Redacted	Redacted	Redacted	1	Redacted	Redacted	95%	1
1141		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_4	72%	1
1142		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_11	56%	1
1143		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_12	64%	1
1144		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1145		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_4	100%	1
1146		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_6	31%	1
1147		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1148		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1149		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1150		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1151		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1152		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1153		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1154		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1155		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1156		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1157		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1158		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1159		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1160		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1161		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1122	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1123	#N/A	Redacted	ok	special	0	1	Redacted
1124	#N/A	Redacted	ok	special	0	1	Redacted
1125	#N/A	Redacted	ok	special	0	1	Redacted
1126	#N/A	Redacted	ok	special	0	1	Redacted
1127	#N/A	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1128	#N/A	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1129	#N/A	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1130	#N/A	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1131	#N/A	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1132	#N/A	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1133	#N/A	Redacted	ok	special	0	0	sellers_choice_201RA145_Sellers_Choice, PG&E
1134	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_201RA146_none
1135	#N/A	Redacted	ok	physical	0	1	Redacted
1136	#N/A	Redacted	ok	physical	0	1	Redacted
1137	#N/A	Redacted	ok	existing_generic	0	1	Redacted
1138	#N/A	Redacted	ok	physical	0	1	Redacted
1139	#N/A	Redacted	ok	physical	0	1	Redacted
1140	#N/A	Redacted	ok	physical	0	1	Redacted
1141	#N/A	Redacted	ok	physical	0	0	COLGAT_7_UNIT 1_201RA150_none
1142	#N/A	Redacted	ok	physical	0	0	COLGAT_7_UNIT 1_201RA150_none
1143	#N/A	Redacted	ok	physical	0	0	COLGAT_7_UNIT 1_201RA150_none
1144	#N/A	Redacted	ok	physical	0	1	Redacted
1145	#N/A	Redacted	ok	physical	0	0	PNOCHE_1_PL1X2_201RA152_none
1146	#N/A	Redacted	ok	physical	0	0	OLDRV1_6_SOLAR_201RA153_none
1147	#N/A	Redacted	ok	physical	0	1	Redacted
1148	#N/A	Redacted	ok	physical	0	1	Redacted
1149	#N/A	Redacted	ok	physical	0	1	Redacted
1150	#N/A	Redacted	ok	physical	0	1	Redacted
1151	#N/A	Redacted	ok	physical	0	1	Redacted
1152	#N/A	Redacted	ok	physical	0	1	Redacted
1153	#N/A	Redacted	ok	physical	0	1	Redacted
1154	#N/A	Redacted	ok	physical	0	1	Redacted
1155	#N/A	Redacted	ok	physical	0	1	Redacted
1156	#N/A	Redacted	ok	physical	0	1	Redacted
1157	#N/A	Redacted	ok	physical	0	1	Redacted
1158	#N/A	Redacted	ok	physical	0	1	Redacted
1159	#N/A	Redacted	ok	physical	0	1	Redacted
1160	#N/A	Redacted	ok	physical	0	1	Redacted
1161	#N/A	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**
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
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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	0.5	Redacted		development
1200	SVCEA	New_Hybrid	202BE065	2022	7	13.6	Redacted		development
1201	SVCEA	New_Hybrid	202BE065	2022	8	12.9	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1162		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1163		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1164		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1165		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1166		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1167		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1168		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1169		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1170		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1171		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1172		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1173		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1174		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1175		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1176		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1177		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1178		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1179		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1180		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1181		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1182		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1183		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1184		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1185		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1186		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1187		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1188		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1189		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1190		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1191		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1192		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1193		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1194		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1195		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1196		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1197		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1198		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1199	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_6	0%	1
1200	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_7	0%	1
1201	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_8	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1162	#N/A	Redacted	ok	physical	0	1	Redacted
1163	#N/A	Redacted	ok	physical	0	1	Redacted
1164	#N/A	Redacted	ok	physical	0	1	Redacted
1165	#N/A	Redacted	ok	physical	0	1	Redacted
1166	#N/A	Redacted	ok	physical	0	1	Redacted
1167	#N/A	Redacted	ok	physical	0	1	Redacted
1168	#N/A	Redacted	ok	physical	0	1	Redacted
1169	#N/A	Redacted	ok	physical	0	1	Redacted
1170	#N/A	Redacted	ok	physical	0	1	Redacted
1171	#N/A	Redacted	ok	physical	0	1	Redacted
1172	#N/A	Redacted	ok	physical	0	1	Redacted
1173	#N/A	Redacted	ok	physical	0	1	Redacted
1174	#N/A	Redacted	ok	physical	0	1	Redacted
1175	#N/A	Redacted	ok	physical	0	1	Redacted
1176	#N/A	Redacted	ok	physical	0	1	Redacted
1177	#N/A	Redacted	ok	physical	0	1	Redacted
1178	#N/A	Redacted	ok	physical	0	1	Redacted
1179	#N/A	Redacted	ok	physical	0	1	Redacted
1180	#N/A	Redacted	ok	physical	0	1	Redacted
1181	#N/A	Redacted	ok	physical	0	1	Redacted
1182	#N/A	Redacted	ok	physical	0	1	Redacted
1183	#N/A	Redacted	ok	special	0	1	Redacted
1184	#N/A	Redacted	ok	special	0	1	Redacted
1185	#N/A	Redacted	ok	special	0	1	Redacted
1186	#N/A	Redacted	ok	special	0	1	Redacted
1187	#N/A	Redacted	ok	physical	0	1	Redacted
1188	#N/A	Redacted	ok	physical	0	1	Redacted
1189	#N/A	Redacted	ok	physical	0	1	Redacted
1190	#N/A	Redacted	ok	physical	0	1	Redacted
1191	#N/A	Redacted	ok	physical	0	1	Redacted
1192	#N/A	Redacted	ok	physical	0	1	Redacted
1193	#N/A	Redacted	ok	physical	0	1	Redacted
1194	#N/A	Redacted	ok	physical	0	1	Redacted
1195	#N/A	Redacted	ok	physical	0	1	Redacted
1196	#N/A	Redacted	ok	physical	0	1	Redacted
1197	#N/A	Redacted	ok	physical	0	1	Redacted
1198	#N/A	Redacted	ok	physical	0	1	Redacted
1199	#N/A	Redacted	ok	new_resolve	1	0	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1200	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1201	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1202	SVCEA	New_Hybrid	202BE065	2022	9	10.7	Redacted		development
1203	SVCEA	New_Hybrid	202BE065	2022	10	8.8	Redacted		development
1204	SVCEA	New_Hybrid	202BE065	2022	11	6.5	Redacted		development
1205	SVCEA	New_Hybrid	202BE065	2022	12	5.5	Redacted		development
1206	SVCEA	New_Hybrid	202BE065	2023	1	6.2	Redacted		development
1207	SVCEA	New_Hybrid	202BE065	2023	2	6.4	Redacted		development
1208	SVCEA	New_Hybrid	202BE065	2023	3	10.3	Redacted		development
1209	SVCEA	New_Hybrid	202BE065	2023	4	11.4	Redacted		development
1210	SVCEA	New_Hybrid	202BE065	2023	5	13.4	Redacted		development
1211	SVCEA	New_Hybrid	202BE065	2023	6	13.6	Redacted		development
1212	SVCEA	New_Hybrid	202BE065	2023	7	13.5	Redacted		development
1213	SVCEA	New_Hybrid	202BE065	2023	8	12.8	Redacted		development
1214	SVCEA	New_Hybrid	202BE065	2023	9	10.7	Redacted		development
1215	SVCEA	New_Hybrid	202BE065	2023	10	8.8	Redacted		development
1216	SVCEA	New_Hybrid	202BE065	2023	11	6.5	Redacted		development
1217	SVCEA	New_Hybrid	202BE065	2023	12	5.4	Redacted		development
1218	SVCEA	New_Hybrid	202BE065	2024	1	6.2	Redacted		development
1219	SVCEA	New_Hybrid	202BE065	2024	2	6.7	Redacted		development
1220	SVCEA	New_Hybrid	202BE065	2024	3	10.3	Redacted		development
1221	SVCEA	New_Hybrid	202BE065	2024	4	11.3	Redacted		development
1222	SVCEA	New_Hybrid	202BE065	2024	5	13.3	Redacted		development
1223	SVCEA	New_Hybrid	202BE065	2024	6	13.5	Redacted		development
1224	SVCEA	New_Hybrid	202BE065	2024	7	13.6	Redacted		development
1225	SVCEA	New_Hybrid	202BE065	2024	8	12.8	Redacted		development
1226	SVCEA	New_Hybrid	202BE065	2024	9	10.7	Redacted		development
1227	SVCEA	New_Hybrid	202BE065	2024	10	8.8	Redacted		development
1228	SVCEA	New_Hybrid	202BE065	2024	11	6.5	Redacted		development
1229	SVCEA	New_Hybrid	202BE065	2024	12	5.5	Redacted		development
1230	SVCEA	New_Hybrid	202BE065	2025	1	6.2	Redacted		development
1231	SVCEA	New_Hybrid	202BE065	2025	2	6.4	Redacted		development
1232	SVCEA	New_Hybrid	202BE065	2025	3	10.3	Redacted		development
1233	SVCEA	New_Hybrid	202BE065	2025	4	11.3	Redacted		development
1234	SVCEA	New_Hybrid	202BE065	2025	5	13.3	Redacted		development
1235	SVCEA	New_Hybrid	202BE065	2025	6	13.5	Redacted		development
1236	SVCEA	New_Hybrid	202BE065	2025	7	13.5	Redacted		development
1237	SVCEA	New_Hybrid	202BE065	2025	8	12.8	Redacted		development
1238	SVCEA	New_Hybrid	202BE065	2025	9	10.7	Redacted		development
1239	SVCEA	New_Hybrid	202BE065	2025	10	8.8	Redacted		development
1240	SVCEA	New_Hybrid	202BE065	2025	11	6.5	Redacted		development
1241	SVCEA	New_Hybrid	202BE065	2025	12	5.4	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1202	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_9	0%	1
1203	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_10	0%	1
1204	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_11	0%	1
1205	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_12	0%	1
1206	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_1	0%	1
1207	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_2	0%	1
1208	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_3	0%	1
1209	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_4	0%	1
1210	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_5	0%	1
1211	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1
1212	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1
1213	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1
1214	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1
1215	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1
1216	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1
1217	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1
1218	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1
1219	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1
1220	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1
1221	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1
1222	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1
1223	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1
1224	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1
1225	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1
1226	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1
1227	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1
1228	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1
1229	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1
1230	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1
1231	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1
1232	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1
1233	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1
1234	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1
1235	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1
1236	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1
1237	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1
1238	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1
1239	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1
1240	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1
1241	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1202	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1203	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1204	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1205	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1206	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1207	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1208	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1209	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1210	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1211	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1212	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1213	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1214	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1215	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1216	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1217	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1218	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1219	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1220	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1221	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1222	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1223	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1224	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1225	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1226	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1227	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1228	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1229	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1230	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1231	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1232	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1233	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1234	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1235	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1236	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1237	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1238	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1239	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1240	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1241	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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	8.2	Redacted		development
1280	SVCEA	New_Hybrid	202BE067	2023	1	8.9	Redacted		development
1281	SVCEA	New_Hybrid	202BE067	2023	2	10.0	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1242		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1243		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
1244		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
1245		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1246		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1247		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1248		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1249		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1250		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1251		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1252		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1253		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1254		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1255		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1256		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1257		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1258		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1259		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1260		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1261		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1262		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1263		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1264		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1265		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1266		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1267		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1268		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1269		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
1270		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
1271		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
1272		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
1273		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
1274		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
1275		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
1276		Redacted	Redacted	Redacted	1	Redacted	Redacted	84%	1
1277		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
1278		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1
1279	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2022_12	0%	1
1280	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_1	0%	1
1281	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_2	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1242	#N/A	Redacted	ok	special	0	1	Redacted
1243	#N/A	Redacted	ok	existing_generic	0	1	Redacted
1244	#N/A	Redacted	ok	existing_generic	0	1	Redacted
1245	#N/A	Redacted	ok	physical	0	1	Redacted
1246	#N/A	Redacted	ok	physical	0	1	Redacted
1247	#N/A	Redacted	ok	physical	0	1	Redacted
1248	#N/A	Redacted	ok	physical	0	1	Redacted
1249	#N/A	Redacted	ok	physical	0	1	Redacted
1250	#N/A	Redacted	ok	physical	0	1	Redacted
1251	#N/A	Redacted	ok	physical	0	1	Redacted
1252	#N/A	Redacted	ok	physical	0	1	Redacted
1253	#N/A	Redacted	ok	physical	0	1	Redacted
1254	#N/A	Redacted	ok	physical	0	1	Redacted
1255	#N/A	Redacted	ok	physical	0	1	Redacted
1256	#N/A	Redacted	ok	physical	0	1	Redacted
1257	#N/A	Redacted	ok	physical	0	1	Redacted
1258	#N/A	Redacted	ok	physical	0	1	Redacted
1259	#N/A	Redacted	ok	physical	0	1	Redacted
1260	#N/A	Redacted	ok	physical	0	1	Redacted
1261	#N/A	Redacted	ok	physical	0	1	Redacted
1262	#N/A	Redacted	ok	physical	0	1	Redacted
1263	#N/A	Redacted	ok	physical	0	1	Redacted
1264	#N/A	Redacted	ok	physical	0	1	Redacted
1265	#N/A	Redacted	ok	physical	0	1	Redacted
1266	#N/A	Redacted	ok	physical	0	1	Redacted
1267	#N/A	Redacted	ok	physical	0	1	Redacted
1268	#N/A	Redacted	ok	physical	0	1	Redacted
1269	#N/A	Redacted	ok	physical	0	1	Redacted
1270	#N/A	Redacted	ok	physical	0	1	Redacted
1271	#N/A	Redacted	ok	physical	0	1	Redacted
1272	#N/A	Redacted	ok	physical	0	1	Redacted
1273	#N/A	Redacted	ok	physical	0	1	Redacted
1274	#N/A	Redacted	ok	physical	0	1	Redacted
1275	#N/A	Redacted	ok	physical	0	1	Redacted
1276	#N/A	Redacted	ok	physical	0	1	Redacted
1277	#N/A	Redacted	ok	physical	0	1	Redacted
1278	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_202RA165_none
1279	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1280	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1281	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1282	SVCEA	New_Hybrid	202BE067	2023	3	13.9	Redacted		development
1283	SVCEA	New_Hybrid	202BE067	2023	4	15.3	Redacted		development
1284	SVCEA	New_Hybrid	202BE067	2023	5	17.3	Redacted		development
1285	SVCEA	New_Hybrid	202BE067	2023	6	17.8	Redacted		development
1286	SVCEA	New_Hybrid	202BE067	2023	7	16.9	Redacted		development
1287	SVCEA	New_Hybrid	202BE067	2023	8	16.4	Redacted		development
1288	SVCEA	New_Hybrid	202BE067	2023	9	14.7	Redacted		development
1289	SVCEA	New_Hybrid	202BE067	2023	10	12.6	Redacted		development
1290	SVCEA	New_Hybrid	202BE067	2023	11	9.6	Redacted		development
1291	SVCEA	New_Hybrid	202BE067	2023	12	8.1	Redacted		development
1292	SVCEA	New_Hybrid	202BE067	2024	1	8.8	Redacted		development
1293	SVCEA	New_Hybrid	202BE067	2024	2	10.3	Redacted		development
1294	SVCEA	New_Hybrid	202BE067	2024	3	13.8	Redacted		development
1295	SVCEA	New_Hybrid	202BE067	2024	4	15.2	Redacted		development
1296	SVCEA	New_Hybrid	202BE067	2024	5	17.2	Redacted		development
1297	SVCEA	New_Hybrid	202BE067	2024	6	17.7	Redacted		development
1298	SVCEA	New_Hybrid	202BE067	2024	7	16.8	Redacted		development
1299	SVCEA	New_Hybrid	202BE067	2024	8	16.3	Redacted		development
1300	SVCEA	New_Hybrid	202BE067	2024	9	14.6	Redacted		development
1301	SVCEA	New_Hybrid	202BE067	2024	10	12.6	Redacted		development
1302	SVCEA	New_Hybrid	202BE067	2024	11	9.5	Redacted		development
1303	SVCEA	New_Hybrid	202BE067	2024	12	8.1	Redacted		development
1304	SVCEA	New_Hybrid	202BE067	2025	1	8.8	Redacted		development
1305	SVCEA	New_Hybrid	202BE067	2025	2	9.9	Redacted		development
1306	SVCEA	New_Hybrid	202BE067	2025	3	13.8	Redacted		development
1307	SVCEA	New_Hybrid	202BE067	2025	4	15.1	Redacted		development
1308	SVCEA	New_Hybrid	202BE067	2025	5	17.2	Redacted		development
1309	SVCEA	New_Hybrid	202BE067	2025	6	17.7	Redacted		development
1310	SVCEA	New_Hybrid	202BE067	2025	7	16.8	Redacted		development
1311	SVCEA	New_Hybrid	202BE067	2025	8	16.3	Redacted		development
1312	SVCEA	New_Hybrid	202BE067	2025	9	14.6	Redacted		development
1313	SVCEA	New_Hybrid	202BE067	2025	10	12.5	Redacted		development
1314	SVCEA	New_Hybrid	202BE067	2025	11	9.5	Redacted		development
1315	SVCEA	New_Hybrid	202BE067	2025	12	8.1	Redacted		development
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1282	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_3	0%	1
1283	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_4	0%	1
1284	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_5	0%	1
1285	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1
1286	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1
1287	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1
1288	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1
1289	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1
1290	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1
1291	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1
1292	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1
1293	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1
1294	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1
1295	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1
1296	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1
1297	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1
1298	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1
1299	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1
1300	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1
1301	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1
1302	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1
1303	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1
1304	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1
1305	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1
1306	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1
1307	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1
1308	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1
1309	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1
1310	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1
1311	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1
1312	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1
1313	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1
1314	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1
1315	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1
1316		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1317		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1318		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1319		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1320		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1321		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1282	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1283	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1284	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1285	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1286	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1287	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1288	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1289	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1290	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1291	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1292	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1293	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1294	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1295	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1296	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1297	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1298	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1299	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1300	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1301	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1302	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1303	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1304	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1305	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1306	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1307	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1308	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1309	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1310	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1311	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1312	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1313	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1314	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1315	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1316	#N/A	Redacted	ok	physical	0	1	Redacted
1317	#N/A	Redacted	ok	physical	0	1	Redacted
1318	#N/A	Redacted	ok	physical	0	1	Redacted
1319	#N/A	Redacted	ok	physical	0	1	Redacted
1320	#N/A	Redacted	ok	physical	0	1	Redacted
1321	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1322	SVCEA	Redacted	Redacted	2021	7	0	Redacted		online
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	1.0	Redacted		development
1347	SVCEA	New_Hybrid	202BE069	2023	7	27.8	Redacted		development
1348	SVCEA	New_Hybrid	202BE069	2023	8	26.5	Redacted		development
1349	SVCEA	New_Hybrid	202BE069	2023	9	24.0	Redacted		development
1350	SVCEA	New_Hybrid	202BE069	2023	10	20.7	Redacted		development
1351	SVCEA	New_Hybrid	202BE069	2023	11	15.5	Redacted		development
1352	SVCEA	New_Hybrid	202BE069	2023	12	13.5	Redacted		development
1353	SVCEA	New_Hybrid	202BE069	2024	1	14.6	Redacted		development
1354	SVCEA	New_Hybrid	202BE069	2024	2	17.3	Redacted		development
1355	SVCEA	New_Hybrid	202BE069	2024	3	23.4	Redacted		development
1356	SVCEA	New_Hybrid	202BE069	2024	4	24.9	Redacted		development
1357	SVCEA	New_Hybrid	202BE069	2024	5	28.1	Redacted		development
1358	SVCEA	New_Hybrid	202BE069	2024	6	28.8	Redacted		development
1359	SVCEA	New_Hybrid	202BE069	2024	7	27.7	Redacted		development
1360	SVCEA	New_Hybrid	202BE069	2024	8	26.5	Redacted		development
1361	SVCEA	New_Hybrid	202BE069	2024	9	24.0	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1322		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1323		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1324		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1325		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1326		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1327		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1328		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1329		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1330		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1331		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1332		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1333		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1334		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1335		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1336		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1337		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1338		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1339		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1340		Redacted	Redacted	Redacted	1	Redacted	Redacted	82%	1
1341		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1
1342		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1343		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1344		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_8	100%	1
1345		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_12	100%	1
1346	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_6	0%	1
1347	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_7	0%	1
1348	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_8	0%	1
1349	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_9	0%	1
1350	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_10	0%	1
1351	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_11	0%	1
1352	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2023_12	0%	1
1353	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_1	0%	1
1354	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_2	0%	1
1355	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_3	0%	1
1356	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_4	0%	1
1357	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_5	0%	1
1358	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_6	0%	1
1359	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_7	0%	1
1360	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_8	0%	1
1361	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_9	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1322	#N/A	Redacted	ok	physical	0	1	Redacted
1323	#N/A	Redacted	ok	physical	0	1	Redacted
1324	#N/A	Redacted	ok	physical	0	1	Redacted
1325	#N/A	Redacted	ok	physical	0	1	Redacted
1326	#N/A	Redacted	ok	physical	0	1	Redacted
1327	#N/A	Redacted	ok	physical	0	1	Redacted
1328	#N/A	Redacted	ok	physical	0	1	Redacted
1329	#N/A	Redacted	ok	physical	0	1	Redacted
1330	#N/A	Redacted	ok	physical	0	1	Redacted
1331	#N/A	Redacted	ok	physical	0	1	Redacted
1332	#N/A	Redacted	ok	physical	0	1	Redacted
1333	#N/A	Redacted	ok	physical	0	1	Redacted
1334	#N/A	Redacted	ok	physical	0	1	Redacted
1335	#N/A	Redacted	ok	physical	0	1	Redacted
1336	#N/A	Redacted	ok	physical	0	1	Redacted
1337	#N/A	Redacted	ok	physical	0	1	Redacted
1338	#N/A	Redacted	ok	physical	0	1	Redacted
1339	#N/A	Redacted	ok	physical	0	1	Redacted
1340	#N/A	Redacted	ok	physical	0	1	Redacted
1341	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_202RA168_none
1342	#N/A	Redacted	ok	physical	0	1	Redacted
1343	#N/A	Redacted	ok	physical	0	1	Redacted
1344	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_202RA170_none
1345	#N/A	Redacted	ok	physical	0	0	DELTA_2_PL1X4_202RA170_none
1346	#N/A	Redacted	ok	new_resolve	1	0	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1347	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1348	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1349	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1350	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1351	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1352	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1353	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1354	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1355	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1356	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1357	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1358	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1359	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1360	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1361	#N/A	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**
1322	0	0	1	1	1	1	1	1	1	1
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1362	SVCEA	New_Hybrid	202BE069	2024	10	20.7	Redacted		development
1363	SVCEA	New_Hybrid	202BE069	2024	11	15.4	Redacted		development
1364	SVCEA	New_Hybrid	202BE069	2024	12	13.5	Redacted		development
1365	SVCEA	New_Hybrid	202BE069	2025	1	14.5	Redacted		development
1366	SVCEA	New_Hybrid	202BE069	2025	2	16.5	Redacted		development
1367	SVCEA	New_Hybrid	202BE069	2025	3	23.3	Redacted		development
1368	SVCEA	New_Hybrid	202BE069	2025	4	24.8	Redacted		development
1369	SVCEA	New_Hybrid	202BE069	2025	5	28.0	Redacted		development
1370	SVCEA	New_Hybrid	202BE069	2025	6	28.7	Redacted		development
1371	SVCEA	New_Hybrid	202BE069	2025	7	27.6	Redacted		development
1372	SVCEA	New_Hybrid	202BE069	2025	8	26.3	Redacted		development
1373	SVCEA	New_Hybrid	202BE069	2025	9	23.8	Redacted		development
1374	SVCEA	New_Hybrid	202BE069	2025	10	20.6	Redacted		development
1375	SVCEA	New_Hybrid	202BE069	2025	11	15.4	Redacted		development
1376	SVCEA	New_Hybrid	202BE069	2025	12	13.4	Redacted		development
1377	SVCEA	New_Hybrid	184BE025	2026	1	12.6	Redacted		development
1378	SVCEA	New_Hybrid	184BE025	2026	2	13.3	Redacted		development
1379	SVCEA	New_Hybrid	184BE025	2026	3	20.2	Redacted		development
1380	SVCEA	New_Hybrid	184BE025	2026	4	21.9	Redacted		development
1381	SVCEA	New_Hybrid	184BE025	2026	5	24.9	Redacted		development
1382	SVCEA	New_Hybrid	184BE025	2026	6	24.8	Redacted		development
1383	SVCEA	New_Hybrid	184BE025	2026	7	24.7	Redacted		development
1384	SVCEA	New_Hybrid	184BE025	2026	8	23.6	Redacted		development
1385	SVCEA	New_Hybrid	184BE025	2026	9	20.5	Redacted		development
1386	SVCEA	New_Hybrid	184BE025	2026	10	17.7	Redacted		development
1387	SVCEA	New_Hybrid	184BE025	2026	11	13.0	Redacted		development
1388	SVCEA	New_Hybrid	184BE025	2026	12	11.5	Redacted		development
1389	SVCEA	New_Hybrid	184BE025	2027	1	12.6	Redacted		development
1390	SVCEA	New_Hybrid	184BE025	2027	2	13.3	Redacted		development
1391	SVCEA	New_Hybrid	184BE025	2027	3	20.1	Redacted		development
1392	SVCEA	New_Hybrid	184BE025	2027	4	21.8	Redacted		development
1393	SVCEA	New_Hybrid	184BE025	2027	5	24.9	Redacted		development
1394	SVCEA	New_Hybrid	184BE025	2027	6	24.8	Redacted		development
1395	SVCEA	New_Hybrid	184BE025	2027	7	24.6	Redacted		development
1396	SVCEA	New_Hybrid	184BE025	2027	8	23.6	Redacted		development
1397	SVCEA	New_Hybrid	184BE025	2027	9	20.5	Redacted		development
1398	SVCEA	New_Hybrid	184BE025	2027	10	17.7	Redacted		development
1399	SVCEA	New_Hybrid	184BE025	2027	11	13.0	Redacted		development
1400	SVCEA	New_Hybrid	184BE025	2027	12	11.4	Redacted		development
1401	SVCEA	New_Hybrid	184BE025	2028	1	12.5	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1362	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_10	0%	1
1363	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_11	0%	1
1364	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2024_12	0%	1
1365	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_1	0%	1
1366	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_2	0%	1
1367	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_3	0%	1
1368	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_4	0%	1
1369	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_5	0%	1
1370	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_6	0%	1
1371	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_7	0%	1
1372	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_8	0%	1
1373	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_9	0%	1
1374	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_10	0%	1
1375	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_11	0%	1
1376	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2025_12	0%	1
1377	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1
1378	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1
1379	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1
1380	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1
1381	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1
1382	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1
1383	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1
1384	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1
1385	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1
1386	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1
1387	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1
1388	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1
1389	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1
1390	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1
1391	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1
1392	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1
1393	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1
1394	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1
1395	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1
1396	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1
1397	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1
1398	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1
1399	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1
1400	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1
1401	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1362	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1363	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1364	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1365	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1366	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1367	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1368	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1369	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1370	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1371	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1372	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1373	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1374	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1375	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1376	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1377	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1378	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1379	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1380	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1381	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1382	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1383	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1384	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1385	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1386	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1387	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1388	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1389	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1390	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1391	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1392	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1393	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1394	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1395	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1396	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1397	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1398	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1399	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1400	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1401	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1402	SVCEA	New_Hybrid	184BE025	2028	2	13.8	Redacted		development
1403	SVCEA	New_Hybrid	184BE025	2028	3	20.0	Redacted		development
1404	SVCEA	New_Hybrid	184BE025	2028	4	21.7	Redacted		development
1405	SVCEA	New_Hybrid	184BE025	2028	5	24.7	Redacted		development
1406	SVCEA	New_Hybrid	184BE025	2028	6	24.7	Redacted		development
1407	SVCEA	New_Hybrid	184BE025	2028	7	24.5	Redacted		development
1408	SVCEA	New_Hybrid	184BE025	2028	8	23.5	Redacted		development
1409	SVCEA	New_Hybrid	184BE025	2028	9	20.4	Redacted		development
1410	SVCEA	New_Hybrid	184BE025	2028	10	17.6	Redacted		development
1411	SVCEA	New_Hybrid	184BE025	2028	11	12.9	Redacted		development
1412	SVCEA	New_Hybrid	184BE025	2028	12	11.4	Redacted		development
1413	SVCEA	New_Hybrid	184BE025	2029	1	12.5	Redacted		development
1414	SVCEA	New_Hybrid	184BE025	2029	2	13.2	Redacted		development
1415	SVCEA	New_Hybrid	184BE025	2029	3	20.0	Redacted		development
1416	SVCEA	New_Hybrid	184BE025	2029	4	21.7	Redacted		development
1417	SVCEA	New_Hybrid	184BE025	2029	5	24.7	Redacted		development
1418	SVCEA	New_Hybrid	184BE025	2029	6	24.7	Redacted		development
1419	SVCEA	New_Hybrid	184BE025	2029	7	24.5	Redacted		development
1420	SVCEA	New_Hybrid	184BE025	2029	8	23.5	Redacted		development
1421	SVCEA	New_Hybrid	184BE025	2029	9	20.4	Redacted		development
1422	SVCEA	New_Hybrid	184BE025	2029	10	17.6	Redacted		development
1423	SVCEA	New_Hybrid	184BE025	2029	11	12.9	Redacted		development
1424	SVCEA	New_Hybrid	184BE025	2029	12	11.4	Redacted		development
1425	SVCEA	New_Hybrid	184BE025	2030	1	12.5	Redacted		development
1426	SVCEA	New_Hybrid	184BE025	2030	2	13.2	Redacted		development
1427	SVCEA	New_Hybrid	184BE025	2030	3	20.0	Redacted		development
1428	SVCEA	New_Hybrid	184BE025	2030	4	21.6	Redacted		development
1429	SVCEA	New_Hybrid	184BE025	2030	5	24.7	Redacted		development
1430	SVCEA	New_Hybrid	184BE025	2030	6	24.6	Redacted		development
1431	SVCEA	New_Hybrid	184BE025	2030	7	24.4	Redacted		development
1432	SVCEA	New_Hybrid	184BE025	2030	8	23.4	Redacted		development
1433	SVCEA	New_Hybrid	184BE025	2030	9	20.3	Redacted		development
1434	SVCEA	New_Hybrid	184BE025	2030	10	17.5	Redacted		development
1435	SVCEA	New_Hybrid	184BE025	2030	11	12.9	Redacted		development
1436	SVCEA	New_Hybrid	184BE025	2030	12	11.4	Redacted		development
1437	SVCEA	New_Hybrid	184BE024	2026	1	10.1	Redacted		development
1438	SVCEA	New_Hybrid	184BE024	2026	2	14.2	Redacted		development
1439	SVCEA	New_Hybrid	184BE024	2026	3	21.8	Redacted		development
1440	SVCEA	New_Hybrid	184BE024	2026	4	25.5	Redacted		development
1441	SVCEA	New_Hybrid	184BE024	2026	5	30.2	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1402	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1
1403	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1
1404	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1
1405	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1
1406	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1
1407	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1
1408	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1
1409	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1
1410	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1
1411	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1
1412	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1
1413	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1
1414	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1
1415	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1
1416	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1
1417	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1
1418	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1
1419	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1
1420	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1
1421	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1
1422	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1
1423	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1
1424	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1
1425	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1
1426	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1
1427	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1
1428	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1
1429	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1
1430	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1
1431	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1
1432	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1
1433	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1
1434	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1
1435	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1
1436	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1
1437	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1
1438	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1
1439	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1
1440	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1
1441	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1402	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1403	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1404	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1405	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1406	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1407	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1408	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1409	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1410	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1411	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1412	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1413	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1414	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1415	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1416	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1417	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1418	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1419	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1420	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1421	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1422	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1423	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1424	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1425	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1426	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1427	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1428	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1429	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1430	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1431	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1432	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1433	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1434	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1435	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1436	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE025_Big Beau Solar, hybrid, 92.4 MW, Kern County
1437	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1438	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1439	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1440	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1441	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1442	SVCEA	New_Hybrid	184BE024	2026	6	31.4	Redacted		development
1443	SVCEA	New_Hybrid	184BE024	2026	7	30.8	Redacted		development
1444	SVCEA	New_Hybrid	184BE024	2026	8	29.2	Redacted		development
1445	SVCEA	New_Hybrid	184BE024	2026	9	25.3	Redacted		development
1446	SVCEA	New_Hybrid	184BE024	2026	10	20.6	Redacted		development
1447	SVCEA	New_Hybrid	184BE024	2026	11	13.4	Redacted		development
1448	SVCEA	New_Hybrid	184BE024	2026	12	9.9	Redacted		development
1449	SVCEA	New_Hybrid	184BE024	2027	1	10.0	Redacted		development
1450	SVCEA	New_Hybrid	184BE024	2027	2	14.2	Redacted		development
1451	SVCEA	New_Hybrid	184BE024	2027	3	21.7	Redacted		development
1452	SVCEA	New_Hybrid	184BE024	2027	4	25.4	Redacted		development
1453	SVCEA	New_Hybrid	184BE024	2027	5	30.0	Redacted		development
1454	SVCEA	New_Hybrid	184BE024	2027	6	31.2	Redacted		development
1455	SVCEA	New_Hybrid	184BE024	2027	7	30.6	Redacted		development
1456	SVCEA	New_Hybrid	184BE024	2027	8	29.0	Redacted		development
1457	SVCEA	New_Hybrid	184BE024	2027	9	25.1	Redacted		development
1458	SVCEA	New_Hybrid	184BE024	2027	10	20.4	Redacted		development
1459	SVCEA	New_Hybrid	184BE024	2027	11	13.3	Redacted		development
1460	SVCEA	New_Hybrid	184BE024	2027	12	9.8	Redacted		development
1461	SVCEA	New_Hybrid	184BE024	2028	1	9.9	Redacted		development
1462	SVCEA	New_Hybrid	184BE024	2028	2	14.8	Redacted		development
1463	SVCEA	New_Hybrid	184BE024	2028	3	21.6	Redacted		development
1464	SVCEA	New_Hybrid	184BE024	2028	4	25.2	Redacted		development
1465	SVCEA	New_Hybrid	184BE024	2028	5	29.8	Redacted		development
1466	SVCEA	New_Hybrid	184BE024	2028	6	31.0	Redacted		development
1467	SVCEA	New_Hybrid	184BE024	2028	7	30.5	Redacted		development
1468	SVCEA	New_Hybrid	184BE024	2028	8	28.9	Redacted		development
1469	SVCEA	New_Hybrid	184BE024	2028	9	25.1	Redacted		development
1470	SVCEA	New_Hybrid	184BE024	2028	10	20.4	Redacted		development
1471	SVCEA	New_Hybrid	184BE024	2028	11	13.3	Redacted		development
1472	SVCEA	New_Hybrid	184BE024	2028	12	9.8	Redacted		development
1473	SVCEA	New_Hybrid	184BE024	2029	1	9.9	Redacted		development
1474	SVCEA	New_Hybrid	184BE024	2029	2	14.0	Redacted		development
1475	SVCEA	New_Hybrid	184BE024	2029	3	21.5	Redacted		development
1476	SVCEA	New_Hybrid	184BE024	2029	4	25.1	Redacted		development
1477	SVCEA	New_Hybrid	184BE024	2029	5	29.7	Redacted		development
1478	SVCEA	New_Hybrid	184BE024	2029	6	30.9	Redacted		development
1479	SVCEA	New_Hybrid	184BE024	2029	7	30.4	Redacted		development
1480	SVCEA	New_Hybrid	184BE024	2029	8	28.8	Redacted		development
1481	SVCEA	New_Hybrid	184BE024	2029	9	25.0	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1442	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1
1443	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1
1444	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1
1445	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1
1446	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1
1447	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1
1448	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1
1449	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1
1450	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1
1451	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1
1452	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1
1453	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1
1454	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1
1455	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1
1456	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1
1457	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1
1458	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1
1459	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1
1460	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1
1461	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1
1462	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1
1463	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1
1464	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1
1465	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1
1466	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1
1467	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1
1468	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1
1469	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1
1470	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1
1471	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1
1472	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1
1473	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1
1474	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1
1475	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1
1476	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1
1477	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1
1478	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1
1479	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1
1480	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1
1481	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1442	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1443	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1444	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1445	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1446	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1447	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1448	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1449	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1450	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1451	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1452	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1453	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1454	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1455	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1456	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1457	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1458	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1459	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1460	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1461	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1462	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1463	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1464	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1465	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1466	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1467	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1468	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1469	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1470	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1471	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1472	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1473	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1474	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1475	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1476	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1477	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1478	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1479	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1480	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1481	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1482	SVCEA	New_Hybrid	184BE024	2029	10	20.3	Redacted		development
1483	SVCEA	New_Hybrid	184BE024	2029	11	13.2	Redacted		development
1484	SVCEA	New_Hybrid	184BE024	2029	12	9.8	Redacted		development
1485	SVCEA	New_Hybrid	184BE024	2030	1	9.9	Redacted		development
1486	SVCEA	New_Hybrid	184BE024	2030	2	14.0	Redacted		development
1487	SVCEA	New_Hybrid	184BE024	2030	3	21.4	Redacted		development
1488	SVCEA	New_Hybrid	184BE024	2030	4	25.0	Redacted		development
1489	SVCEA	New_Hybrid	184BE024	2030	5	29.6	Redacted		development
1490	SVCEA	New_Hybrid	184BE024	2030	6	30.8	Redacted		development
1491	SVCEA	New_Hybrid	184BE024	2030	7	30.2	Redacted		development
1492	SVCEA	New_Hybrid	184BE024	2030	8	28.6	Redacted		development
1493	SVCEA	New_Hybrid	184BE024	2030	9	24.8	Redacted		development
1494	SVCEA	New_Hybrid	184BE024	2030	10	20.1	Redacted		development
1495	SVCEA	New_Hybrid	184BE024	2030	11	13.2	Redacted		development
1496	SVCEA	New_Hybrid	184BE024	2030	12	9.7	Redacted		development
1497	SVCEA	BLM_2_UNITS	201BE062	2026	1	32.5	Redacted		online
1498	SVCEA	BLM_2_UNITS	201BE062	2026	2	29.3	Redacted		online
1499	SVCEA	BLM_2_UNITS	201BE062	2026	3	32.1	Redacted		online
1500	SVCEA	BLM_2_UNITS	201BE062	2026	4	28.9	Redacted		online
1501	SVCEA	BLM_2_UNITS	201BE062	2026	5	30.6	Redacted		online
1502	SVCEA	BLM_2_UNITS	201BE062	2026	6	30.3	Redacted		online
1503	SVCEA	BLM_2_UNITS	201BE062	2026	7	31.2	Redacted		online
1504	SVCEA	BLM_2_UNITS	201BE062	2026	8	31.2	Redacted		online
1505	SVCEA	BLM_2_UNITS	201BE062	2026	9	30.3	Redacted		online
1506	SVCEA	BLM_2_UNITS	201BE062	2026	10	31.9	Redacted		online
1507	SVCEA	BLM_2_UNITS	201BE062	2026	11	31.2	Redacted		online
1508	SVCEA	BLM_2_UNITS	201BE062	2026	12	32.3	Redacted		online
1509	SVCEA	BLM_2_UNITS	201BE062	2027	1	22.7	Redacted		online
1510	SVCEA	BLM_2_UNITS	201BE062	2027	2	20.4	Redacted		online
1511	SVCEA	BLM_2_UNITS	201BE062	2027	3	22.4	Redacted		online
1512	SVCEA	BLM_2_UNITS	201BE062	2027	4	20.2	Redacted		online
1513	SVCEA	BLM_2_UNITS	201BE062	2027	5	21.3	Redacted		online
1514	SVCEA	BLM_2_UNITS	201BE062	2027	6	21.2	Redacted		online
1515	SVCEA	BLM_2_UNITS	201BE062	2027	7	21.8	Redacted		online
1516	SVCEA	BLM_2_UNITS	201BE062	2027	8	21.8	Redacted		online
1517	SVCEA	BLM_2_UNITS	201BE062	2027	9	21.2	Redacted		online
1518	SVCEA	BLM_2_UNITS	201BE062	2027	10	22.3	Redacted		online
1519	SVCEA	BLM_2_UNITS	201BE062	2027	11	21.8	Redacted		online
1520	SVCEA	BLM_2_UNITS	201BE062	2027	12	22.6	Redacted		online
1521	SVCEA	BLM_2_UNITS	201BE062	2028	1	22.5	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1482	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1
1483	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1
1484	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1
1485	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1
1486	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1
1487	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1
1488	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1
1489	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1
1490	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1
1491	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1
1492	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1
1493	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1
1494	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1
1495	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1
1496	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1
1497		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_1	95%	1
1498		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_2	92%	1
1499		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_3	88%	1
1500		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_4	76%	1
1501		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_5	74%	1
1502		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_6	70%	1
1503		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_7	84%	1
1504		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_8	82%	1
1505		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_9	83%	1
1506		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_10	86%	1
1507		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_11	93%	1
1508		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2026_12	95%	1
1509		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_1	95%	1
1510		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_2	92%	1
1511		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_3	88%	1
1512		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_4	76%	1
1513		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_5	74%	1
1514		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_6	70%	1
1515		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_7	84%	1
1516		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_8	82%	1
1517		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_9	83%	1
1518		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_10	86%	1
1519		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_11	93%	1
1520		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2027_12	95%	1
1521		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_1	95%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1482	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1483	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1484	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1485	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1486	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1487	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1488	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1489	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1490	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1491	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1492	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1493	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1494	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1495	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1496	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_184BE024_RE Slate 1, hybrid, 139.5 MW, Kings County
1497	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1498	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1499	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1500	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1501	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1502	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1503	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1504	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1505	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1506	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1507	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1508	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1509	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1510	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1511	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1512	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1513	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1514	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1515	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1516	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1517	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1518	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1519	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1520	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1521	#N/A	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**
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
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
1521	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1522	SVCEA	BLM_2_UNITS	201BE062	2028	2	20.9	Redacted		online
1523	SVCEA	BLM_2_UNITS	201BE062	2028	3	22.2	Redacted		online
1524	SVCEA	BLM_2_UNITS	201BE062	2028	4	20.0	Redacted		online
1525	SVCEA	BLM_2_UNITS	201BE062	2028	5	21.1	Redacted		online
1526	SVCEA	BLM_2_UNITS	201BE062	2028	6	21.0	Redacted		online
1527	SVCEA	BLM_2_UNITS	201BE062	2028	7	21.5	Redacted		online
1528	SVCEA	BLM_2_UNITS	201BE062	2028	8	21.5	Redacted		online
1529	SVCEA	BLM_2_UNITS	201BE062	2028	9	20.9	Redacted		online
1530	SVCEA	BLM_2_UNITS	201BE062	2028	10	22.1	Redacted		online
1531	SVCEA	BLM_2_UNITS	201BE062	2028	11	21.6	Redacted		online
1532	SVCEA	BLM_2_UNITS	201BE062	2028	12	22.3	Redacted		online
1533	SVCEA	BLM_2_UNITS	201BE062	2029	1	22.2	Redacted		online
1534	SVCEA	BLM_2_UNITS	201BE062	2029	2	20.0	Redacted		online
1535	SVCEA	BLM_2_UNITS	201BE062	2029	3	21.9	Redacted		online
1536	SVCEA	BLM_2_UNITS	201BE062	2029	4	19.8	Redacted		online
1537	SVCEA	BLM_2_UNITS	201BE062	2029	5	20.9	Redacted		online
1538	SVCEA	BLM_2_UNITS	201BE062	2029	6	20.7	Redacted		online
1539	SVCEA	BLM_2_UNITS	201BE062	2029	7	21.3	Redacted		online
1540	SVCEA	BLM_2_UNITS	201BE062	2029	8	21.3	Redacted		online
1541	SVCEA	BLM_2_UNITS	201BE062	2029	9	20.7	Redacted		online
1542	SVCEA	BLM_2_UNITS	201BE062	2029	10	21.8	Redacted		online
1543	SVCEA	BLM_2_UNITS	201BE062	2029	11	21.3	Redacted		online
1544	SVCEA	BLM_2_UNITS	201BE062	2029	12	22.1	Redacted		online
1545	SVCEA	BLM_2_UNITS	201BE062	2030	1	22.0	Redacted		online
1546	SVCEA	BLM_2_UNITS	201BE062	2030	2	19.8	Redacted		online
1547	SVCEA	BLM_2_UNITS	201BE062	2030	3	21.7	Redacted		online
1548	SVCEA	BLM_2_UNITS	201BE062	2030	4	19.6	Redacted		online
1549	SVCEA	BLM_2_UNITS	201BE062	2030	5	20.7	Redacted		online
1550	SVCEA	BLM_2_UNITS	201BE062	2030	6	20.5	Redacted		online
1551	SVCEA	BLM_2_UNITS	201BE062	2030	7	21.1	Redacted		online
1552	SVCEA	BLM_2_UNITS	201BE062	2030	8	21.1	Redacted		online
1553	SVCEA	BLM_2_UNITS	201BE062	2030	9	20.5	Redacted		online
1554	SVCEA	BLM_2_UNITS	201BE062	2030	10	21.6	Redacted		online
1555	SVCEA	BLM_2_UNITS	201BE062	2030	11	21.1	Redacted		online
1556	SVCEA	BLM_2_UNITS	201BE062	2030	12	21.8	Redacted		online
1557	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	1	6.2	Redacted		development
1558	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	2	5.5	Redacted		development
1559	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	3	5.8	Redacted		development
1560	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	4	5.2	Redacted		development
1561	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	5	4.5	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1522		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_2	92%	1
1523		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_3	88%	1
1524		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_4	76%	1
1525		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_5	74%	1
1526		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_6	70%	1
1527		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_7	84%	1
1528		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_8	82%	1
1529		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_9	83%	1
1530		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_10	86%	1
1531		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_11	93%	1
1532		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2028_12	95%	1
1533		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_1	95%	1
1534		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_2	92%	1
1535		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_3	88%	1
1536		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_4	76%	1
1537		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_5	74%	1
1538		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_6	70%	1
1539		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_7	84%	1
1540		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_8	82%	1
1541		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_9	83%	1
1542		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_10	86%	1
1543		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_11	93%	1
1544		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2029_12	95%	1
1545		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_1	95%	1
1546		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_2	92%	1
1547		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_3	88%	1
1548		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_4	76%	1
1549		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_5	74%	1
1550		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_6	70%	1
1551		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_7	84%	1
1552		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_8	82%	1
1553		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_9	83%	1
1554		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_10	86%	1
1555		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_11	93%	1
1556		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2030_12	95%	1
1557		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_1	95%	1
1558		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_2	92%	1
1559		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_3	88%	1
1560		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_4	76%	1
1561		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_5	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1522	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1523	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1524	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1525	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1526	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1527	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1528	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1529	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1530	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1531	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1532	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1533	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1534	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1535	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1536	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1537	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1538	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1539	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1540	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1541	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1542	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1543	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1544	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1545	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1546	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1547	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1548	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1549	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1550	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1551	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1552	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1553	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1554	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1555	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1556	#N/A	Redacted	ok	physical	1	1	BLM_2_UNITS_201BE062_none
1557	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1558	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1559	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1560	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1561	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1562	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	6	3.5	Redacted		development
1563	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	7	2.8	Redacted		development
1564	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	8	3.1	Redacted		development
1565	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	9	3.7	Redacted		development
1566	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	10	5.0	Redacted		development
1567	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	11	5.3	Redacted		development
1568	SVCEA	Northern_California_Ex_Geothermal	201BE056	2026	12	6.1	Redacted		development
1569	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	1	6.1	Redacted		development
1570	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	2	5.5	Redacted		development
1571	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	3	5.8	Redacted		development
1572	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	4	5.2	Redacted		development
1573	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	5	4.5	Redacted		development
1574	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	6	3.5	Redacted		development
1575	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	7	2.8	Redacted		development
1576	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	8	3.1	Redacted		development
1577	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	9	3.7	Redacted		development
1578	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	10	5.0	Redacted		development
1579	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	11	5.3	Redacted		development
1580	SVCEA	Northern_California_Ex_Geothermal	201BE056	2027	12	6.1	Redacted		development
1581	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	1	6.1	Redacted		development
1582	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	2	5.6	Redacted		development
1583	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	3	5.8	Redacted		development
1584	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	4	5.2	Redacted		development
1585	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	5	4.4	Redacted		development
1586	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	6	3.5	Redacted		development
1587	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	7	2.8	Redacted		development
1588	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	8	3.1	Redacted		development
1589	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	9	3.7	Redacted		development
1590	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	10	4.9	Redacted		development
1591	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	11	5.3	Redacted		development
1592	SVCEA	Northern_California_Ex_Geothermal	201BE056	2028	12	6.0	Redacted		development
1593	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	1	6.1	Redacted		development
1594	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	2	5.4	Redacted		development
1595	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	3	5.8	Redacted		development
1596	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	4	5.2	Redacted		development
1597	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	5	4.4	Redacted		development
1598	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	6	3.5	Redacted		development
1599	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	7	2.7	Redacted		development
1600	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	8	3.1	Redacted		development
1601	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	9	3.7	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1562		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_6	70%	1
1563		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_7	84%	1
1564		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_8	82%	1
1565		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_9	83%	1
1566		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_10	86%	1
1567		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_11	93%	1
1568		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2026_12	95%	1
1569		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_1	95%	1
1570		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_2	92%	1
1571		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_3	88%	1
1572		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_4	76%	1
1573		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_5	74%	1
1574		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_6	70%	1
1575		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_7	84%	1
1576		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_8	82%	1
1577		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_9	83%	1
1578		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_10	86%	1
1579		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_11	93%	1
1580		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2027_12	95%	1
1581		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_1	95%	1
1582		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_2	92%	1
1583		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_3	88%	1
1584		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_4	76%	1
1585		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_5	74%	1
1586		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_6	70%	1
1587		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_7	84%	1
1588		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_8	82%	1
1589		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_9	83%	1
1590		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_10	86%	1
1591		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_11	93%	1
1592		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2028_12	95%	1
1593		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_1	95%	1
1594		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_2	92%	1
1595		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_3	88%	1
1596		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_4	76%	1
1597		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_5	74%	1
1598		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_6	70%	1
1599		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_7	84%	1
1600		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_8	82%	1
1601		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_9	83%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1562	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1563	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1564	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1565	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1566	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1567	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1568	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1569	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1570	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1571	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1572	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1573	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1574	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1575	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1576	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1577	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1578	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1579	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1580	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1581	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1582	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1583	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1584	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1585	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1586	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1587	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1588	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1589	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1590	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1591	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1592	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1593	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1594	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1595	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1596	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1597	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1598	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1599	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1600	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1601	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1602	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	10	4.9	Redacted		development
1603	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	11	5.3	Redacted		development
1604	SVCEA	Northern_California_Ex_Geothermal	201BE056	2029	12	6.0	Redacted		development
1605	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	1	6.0	Redacted		development
1606	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	2	5.4	Redacted		development
1607	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	3	5.7	Redacted		development
1608	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	4	5.1	Redacted		development
1609	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	5	4.4	Redacted		development
1610	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	6	3.5	Redacted		development
1611	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	7	2.7	Redacted		development
1612	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	8	3.1	Redacted		development
1613	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	9	3.7	Redacted		development
1614	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	10	4.9	Redacted		development
1615	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	11	5.2	Redacted		development
1616	SVCEA	Northern_California_Ex_Geothermal	201BE056	2030	12	6.0	Redacted		development
1617	SVCEA	New_Hybrid	202BE065	2026	1	6.2	Redacted		development
1618	SVCEA	New_Hybrid	202BE065	2026	2	6.3	Redacted		development
1619	SVCEA	New_Hybrid	202BE065	2026	3	10.3	Redacted		development
1620	SVCEA	New_Hybrid	202BE065	2026	4	11.3	Redacted		development
1621	SVCEA	New_Hybrid	202BE065	2026	5	13.3	Redacted		development
1622	SVCEA	New_Hybrid	202BE065	2026	6	13.5	Redacted		development
1623	SVCEA	New_Hybrid	202BE065	2026	7	13.5	Redacted		development
1624	SVCEA	New_Hybrid	202BE065	2026	8	12.8	Redacted		development
1625	SVCEA	New_Hybrid	202BE065	2026	9	10.7	Redacted		development
1626	SVCEA	New_Hybrid	202BE065	2026	10	8.8	Redacted		development
1627	SVCEA	New_Hybrid	202BE065	2026	11	6.5	Redacted		development
1628	SVCEA	New_Hybrid	202BE065	2026	12	5.4	Redacted		development
1629	SVCEA	New_Hybrid	202BE065	2027	1	6.2	Redacted		development
1630	SVCEA	New_Hybrid	202BE065	2027	2	6.3	Redacted		development
1631	SVCEA	New_Hybrid	202BE065	2027	3	10.2	Redacted		development
1632	SVCEA	New_Hybrid	202BE065	2027	4	11.3	Redacted		development
1633	SVCEA	New_Hybrid	202BE065	2027	5	13.3	Redacted		development
1634	SVCEA	New_Hybrid	202BE065	2027	6	13.5	Redacted		development
1635	SVCEA	New_Hybrid	202BE065	2027	7	13.4	Redacted		development
1636	SVCEA	New_Hybrid	202BE065	2027	8	12.7	Redacted		development
1637	SVCEA	New_Hybrid	202BE065	2027	9	10.6	Redacted		development
1638	SVCEA	New_Hybrid	202BE065	2027	10	8.7	Redacted		development
1639	SVCEA	New_Hybrid	202BE065	2027	11	6.4	Redacted		development
1640	SVCEA	New_Hybrid	202BE065	2027	12	5.4	Redacted		development
1641	SVCEA	New_Hybrid	202BE065	2028	1	6.2	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1602		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_10	86%	1
1603		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_11	93%	1
1604		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2029_12	95%	1
1605		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_1	95%	1
1606		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_2	92%	1
1607		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_3	88%	1
1608		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_4	76%	1
1609		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_5	74%	1
1610		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_6	70%	1
1611		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_7	84%	1
1612		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_8	82%	1
1613		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_9	83%	1
1614		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_10	86%	1
1615		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_11	93%	1
1616		Redacted	Redacted	CAISO_Geothermal	0	geothermal	geothermal_2030_12	95%	1
1617	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1
1618	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1
1619	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1
1620	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1
1621	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1
1622	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1
1623	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1
1624	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1
1625	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1
1626	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1
1627	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1
1628	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1
1629	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1
1630	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1
1631	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1
1632	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1
1633	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1
1634	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1
1635	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1
1636	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1
1637	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1
1638	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1
1639	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1
1640	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1
1641	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1602	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1603	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1604	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1605	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1606	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1607	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1608	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1609	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1610	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1611	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1612	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1613	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1614	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1615	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1616	#N/A	Redacted	ok	new_resolve	1	1	Northern_California_Ex_Geothermal_201BE056_Casa Diable IV, Binary_Geothermal, 7 MW, Mono County
1617	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1618	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1619	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1620	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1621	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1622	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1623	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1624	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1625	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1626	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1627	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1628	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1629	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1630	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1631	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1632	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1633	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1634	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1635	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1636	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1637	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1638	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1639	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1640	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1641	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1642	SVCEA	New_Hybrid	202BE065	2028	2	6.6	Redacted		development
1643	SVCEA	New_Hybrid	202BE065	2028	3	10.2	Redacted		development
1644	SVCEA	New_Hybrid	202BE065	2028	4	11.2	Redacted		development
1645	SVCEA	New_Hybrid	202BE065	2028	5	13.2	Redacted		development
1646	SVCEA	New_Hybrid	202BE065	2028	6	13.4	Redacted		development
1647	SVCEA	New_Hybrid	202BE065	2028	7	13.5	Redacted		development
1648	SVCEA	New_Hybrid	202BE065	2028	8	12.7	Redacted		development
1649	SVCEA	New_Hybrid	202BE065	2028	9	10.6	Redacted		development
1650	SVCEA	New_Hybrid	202BE065	2028	10	8.7	Redacted		development
1651	SVCEA	New_Hybrid	202BE065	2028	11	6.4	Redacted		development
1652	SVCEA	New_Hybrid	202BE065	2028	12	5.4	Redacted		development
1653	SVCEA	New_Hybrid	202BE065	2029	1	6.2	Redacted		development
1654	SVCEA	New_Hybrid	202BE065	2029	2	6.3	Redacted		development
1655	SVCEA	New_Hybrid	202BE065	2029	3	10.2	Redacted		development
1656	SVCEA	New_Hybrid	202BE065	2029	4	11.3	Redacted		development
1657	SVCEA	New_Hybrid	202BE065	2029	5	13.2	Redacted		development
1658	SVCEA	New_Hybrid	202BE065	2029	6	13.4	Redacted		development
1659	SVCEA	New_Hybrid	202BE065	2029	7	13.4	Redacted		development
1660	SVCEA	New_Hybrid	202BE065	2029	8	12.7	Redacted		development
1661	SVCEA	New_Hybrid	202BE065	2029	9	10.6	Redacted		development
1662	SVCEA	New_Hybrid	202BE065	2029	10	8.7	Redacted		development
1663	SVCEA	New_Hybrid	202BE065	2029	11	6.4	Redacted		development
1664	SVCEA	New_Hybrid	202BE065	2029	12	5.4	Redacted		development
1665	SVCEA	New_Hybrid	202BE065	2030	1	6.1	Redacted		development
1666	SVCEA	New_Hybrid	202BE065	2030	2	6.3	Redacted		development
1667	SVCEA	New_Hybrid	202BE065	2030	3	10.2	Redacted		development
1668	SVCEA	New_Hybrid	202BE065	2030	4	11.2	Redacted		development
1669	SVCEA	New_Hybrid	202BE065	2030	5	13.2	Redacted		development
1670	SVCEA	New_Hybrid	202BE065	2030	6	13.4	Redacted		development
1671	SVCEA	New_Hybrid	202BE065	2030	7	13.4	Redacted		development
1672	SVCEA	New_Hybrid	202BE065	2030	8	12.7	Redacted		development
1673	SVCEA	New_Hybrid	202BE065	2030	9	10.6	Redacted		development
1674	SVCEA	New_Hybrid	202BE065	2030	10	8.7	Redacted		development
1675	SVCEA	New_Hybrid	202BE065	2030	11	6.4	Redacted		development
1676	SVCEA	New_Hybrid	202BE065	2030	12	5.4	Redacted		development
1677	SVCEA	New_Hybrid	202BE067	2026	1	8.7	Redacted		development
1678	SVCEA	New_Hybrid	202BE067	2026	2	9.8	Redacted		development
1679	SVCEA	New_Hybrid	202BE067	2026	3	13.7	Redacted		development
1680	SVCEA	New_Hybrid	202BE067	2026	4	15.1	Redacted		development
1681	SVCEA	New_Hybrid	202BE067	2026	5	17.1	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1642	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1
1643	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1
1644	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1
1645	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1
1646	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1
1647	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1
1648	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1
1649	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1
1650	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1
1651	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1
1652	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1
1653	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1
1654	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1
1655	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1
1656	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1
1657	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1
1658	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1
1659	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1
1660	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1
1661	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1
1662	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1
1663	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1
1664	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1
1665	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1
1666	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1
1667	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1
1668	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1
1669	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1
1670	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1
1671	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1
1672	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1
1673	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1
1674	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1
1675	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1
1676	2.5	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1
1677	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1
1678	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1
1679	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1
1680	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1
1681	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1642	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1643	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1644	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1645	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1646	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1647	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1648	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1649	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1650	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1651	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1652	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1653	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1654	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1655	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1656	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1657	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1658	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1659	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1660	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1661	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1662	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1663	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1664	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1665	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1666	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1667	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1668	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1669	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1670	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1671	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1672	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1673	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1674	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1675	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1676	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE065_Rabbitbrush solar, hybrid, 45 MW, Kern County
1677	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1678	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1679	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1680	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1681	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1682	SVCEA	New_Hybrid	202BE067	2026	6	17.6	Redacted		development
1683	SVCEA	New_Hybrid	202BE067	2026	7	16.7	Redacted		development
1684	SVCEA	New_Hybrid	202BE067	2026	8	16.2	Redacted		development
1685	SVCEA	New_Hybrid	202BE067	2026	9	14.5	Redacted		development
1686	SVCEA	New_Hybrid	202BE067	2026	10	12.5	Redacted		development
1687	SVCEA	New_Hybrid	202BE067	2026	11	9.5	Redacted		development
1688	SVCEA	New_Hybrid	202BE067	2026	12	8.0	Redacted		development
1689	SVCEA	New_Hybrid	202BE067	2027	1	8.7	Redacted		development
1690	SVCEA	New_Hybrid	202BE067	2027	2	9.8	Redacted		development
1691	SVCEA	New_Hybrid	202BE067	2027	3	13.7	Redacted		development
1692	SVCEA	New_Hybrid	202BE067	2027	4	15.0	Redacted		development
1693	SVCEA	New_Hybrid	202BE067	2027	5	17.0	Redacted		development
1694	SVCEA	New_Hybrid	202BE067	2027	6	17.5	Redacted		development
1695	SVCEA	New_Hybrid	202BE067	2027	7	16.6	Redacted		development
1696	SVCEA	New_Hybrid	202BE067	2027	8	16.1	Redacted		development
1697	SVCEA	New_Hybrid	202BE067	2027	9	14.4	Redacted		development
1698	SVCEA	New_Hybrid	202BE067	2027	10	12.4	Redacted		development
1699	SVCEA	New_Hybrid	202BE067	2027	11	9.4	Redacted		development
1700	SVCEA	New_Hybrid	202BE067	2027	12	8.0	Redacted		development
1701	SVCEA	New_Hybrid	202BE067	2028	1	8.6	Redacted		development
1702	SVCEA	New_Hybrid	202BE067	2028	2	10.1	Redacted		development
1703	SVCEA	New_Hybrid	202BE067	2028	3	13.5	Redacted		development
1704	SVCEA	New_Hybrid	202BE067	2028	4	14.9	Redacted		development
1705	SVCEA	New_Hybrid	202BE067	2028	5	16.9	Redacted		development
1706	SVCEA	New_Hybrid	202BE067	2028	6	17.4	Redacted		development
1707	SVCEA	New_Hybrid	202BE067	2028	7	16.5	Redacted		development
1708	SVCEA	New_Hybrid	202BE067	2028	8	16.0	Redacted		development
1709	SVCEA	New_Hybrid	202BE067	2028	9	14.3	Redacted		development
1710	SVCEA	New_Hybrid	202BE067	2028	10	12.3	Redacted		development
1711	SVCEA	New_Hybrid	202BE067	2028	11	9.3	Redacted		development
1712	SVCEA	New_Hybrid	202BE067	2028	12	7.9	Redacted		development
1713	SVCEA	New_Hybrid	202BE067	2029	1	8.6	Redacted		development
1714	SVCEA	New_Hybrid	202BE067	2029	2	9.7	Redacted		development
1715	SVCEA	New_Hybrid	202BE067	2029	3	13.5	Redacted		development
1716	SVCEA	New_Hybrid	202BE067	2029	4	14.8	Redacted		development
1717	SVCEA	New_Hybrid	202BE067	2029	5	16.8	Redacted		development
1718	SVCEA	New_Hybrid	202BE067	2029	6	17.3	Redacted		development
1719	SVCEA	New_Hybrid	202BE067	2029	7	16.4	Redacted		development
1720	SVCEA	New_Hybrid	202BE067	2029	8	15.9	Redacted		development
1721	SVCEA	New_Hybrid	202BE067	2029	9	14.3	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1682	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1
1683	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1
1684	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1
1685	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1
1686	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1
1687	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1
1688	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1
1689	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1
1690	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1
1691	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1
1692	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1
1693	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1
1694	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1
1695	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1
1696	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1
1697	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1
1698	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1
1699	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1
1700	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1
1701	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1
1702	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1
1703	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1
1704	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1
1705	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1
1706	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1
1707	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1
1708	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1
1709	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1
1710	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1
1711	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1
1712	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1
1713	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1
1714	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1
1715	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1
1716	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1
1717	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1
1718	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1
1719	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1
1720	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1
1721	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1682	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1683	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1684	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1685	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1686	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1687	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1688	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1689	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1690	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1691	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1692	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1693	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1694	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1695	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1696	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1697	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1698	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1699	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1700	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1701	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1702	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1703	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1704	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1705	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1706	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1707	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1708	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1709	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1710	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1711	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1712	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1713	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1714	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1715	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1716	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1717	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1718	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1719	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1720	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1721	#N/A	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**
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
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1722	SVCEA	New_Hybrid	202BE067	2029	10	12.3	Redacted		development
1723	SVCEA	New_Hybrid	202BE067	2029	11	9.3	Redacted		development
1724	SVCEA	New_Hybrid	202BE067	2029	12	7.9	Redacted		development
1725	SVCEA	New_Hybrid	202BE067	2030	1	8.6	Redacted		development
1726	SVCEA	New_Hybrid	202BE067	2030	2	9.7	Redacted		development
1727	SVCEA	New_Hybrid	202BE067	2030	3	13.4	Redacted		development
1728	SVCEA	New_Hybrid	202BE067	2030	4	14.8	Redacted		development
1729	SVCEA	New_Hybrid	202BE067	2030	5	16.7	Redacted		development
1730	SVCEA	New_Hybrid	202BE067	2030	6	17.2	Redacted		development
1731	SVCEA	New_Hybrid	202BE067	2030	7	16.3	Redacted		development
1732	SVCEA	New_Hybrid	202BE067	2030	8	15.9	Redacted		development
1733	SVCEA	New_Hybrid	202BE067	2030	9	14.2	Redacted		development
1734	SVCEA	New_Hybrid	202BE067	2030	10	12.2	Redacted		development
1735	SVCEA	New_Hybrid	202BE067	2030	11	9.3	Redacted		development
1736	SVCEA	New_Hybrid	202BE067	2030	12	7.9	Redacted		development
1737	SVCEA	New_Hybrid	202BE069	2026	1	14.5	Redacted		development
1738	SVCEA	New_Hybrid	202BE069	2026	2	16.4	Redacted		development
1739	SVCEA	New_Hybrid	202BE069	2026	3	23.2	Redacted		development
1740	SVCEA	New_Hybrid	202BE069	2026	4	24.7	Redacted		development
1741	SVCEA	New_Hybrid	202BE069	2026	5	27.9	Redacted		development
1742	SVCEA	New_Hybrid	202BE069	2026	6	28.6	Redacted		development
1743	SVCEA	New_Hybrid	202BE069	2026	7	27.5	Redacted		development
1744	SVCEA	New_Hybrid	202BE069	2026	8	26.2	Redacted		development
1745	SVCEA	New_Hybrid	202BE069	2026	9	23.7	Redacted		development
1746	SVCEA	New_Hybrid	202BE069	2026	10	20.5	Redacted		development
1747	SVCEA	New_Hybrid	202BE069	2026	11	15.3	Redacted		development
1748	SVCEA	New_Hybrid	202BE069	2026	12	13.3	Redacted		development
1749	SVCEA	New_Hybrid	202BE069	2027	1	14.4	Redacted		development
1750	SVCEA	New_Hybrid	202BE069	2027	2	16.3	Redacted		development
1751	SVCEA	New_Hybrid	202BE069	2027	3	23.1	Redacted		development
1752	SVCEA	New_Hybrid	202BE069	2027	4	24.6	Redacted		development
1753	SVCEA	New_Hybrid	202BE069	2027	5	27.8	Redacted		development
1754	SVCEA	New_Hybrid	202BE069	2027	6	28.4	Redacted		development
1755	SVCEA	New_Hybrid	202BE069	2027	7	27.2	Redacted		development
1756	SVCEA	New_Hybrid	202BE069	2027	8	26.0	Redacted		development
1757	SVCEA	New_Hybrid	202BE069	2027	9	23.5	Redacted		development
1758	SVCEA	New_Hybrid	202BE069	2027	10	20.3	Redacted		development
1759	SVCEA	New_Hybrid	202BE069	2027	11	15.2	Redacted		development
1760	SVCEA	New_Hybrid	202BE069	2027	12	13.2	Redacted		development
1761	SVCEA	New_Hybrid	202BE069	2028	1	14.3	Redacted		development

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1722	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1
1723	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1
1724	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1
1725	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1
1726	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1
1727	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1
1728	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1
1729	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1
1730	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1
1731	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1
1732	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1
1733	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1
1734	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1
1735	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1
1736	4	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1
1737	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_1	0%	1
1738	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_2	0%	1
1739	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_3	0%	1
1740	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_4	0%	1
1741	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_5	0%	1
1742	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_6	0%	1
1743	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_7	0%	1
1744	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_8	0%	1
1745	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_9	0%	1
1746	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_10	0%	1
1747	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_11	0%	1
1748	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2026_12	0%	1
1749	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_1	0%	1
1750	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_2	0%	1
1751	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_3	0%	1
1752	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_4	0%	1
1753	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_5	0%	1
1754	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_6	0%	1
1755	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_7	0%	1
1756	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_8	0%	1
1757	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_9	0%	1
1758	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_10	0%	1
1759	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_11	0%	1
1760	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2027_12	0%	1
1761	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_1	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1722	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1723	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1724	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1725	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1726	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1727	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1728	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1729	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1730	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1731	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1732	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1733	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1734	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1735	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1736	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE067_Yellow Pine Energy Center I, hybrid, 76 MW, Clark County, NV
1737	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1738	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1739	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1740	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1741	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1742	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1743	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1744	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1745	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1746	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1747	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1748	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1749	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1750	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1751	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1752	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1753	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1754	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1755	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1756	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1757	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1758	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1759	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1760	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1761	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1762	SVCEA	New_Hybrid	202BE069	2028	2	16.9	Redacted		development
1763	SVCEA	New_Hybrid	202BE069	2028	3	22.9	Redacted		development
1764	SVCEA	New_Hybrid	202BE069	2028	4	24.4	Redacted		development
1765	SVCEA	New_Hybrid	202BE069	2028	5	27.6	Redacted		development
1766	SVCEA	New_Hybrid	202BE069	2028	6	28.2	Redacted		development
1767	SVCEA	New_Hybrid	202BE069	2028	7	27.2	Redacted		development
1768	SVCEA	New_Hybrid	202BE069	2028	8	25.9	Redacted		development
1769	SVCEA	New_Hybrid	202BE069	2028	9	23.5	Redacted		development
1770	SVCEA	New_Hybrid	202BE069	2028	10	20.3	Redacted		development
1771	SVCEA	New_Hybrid	202BE069	2028	11	15.1	Redacted		development
1772	SVCEA	New_Hybrid	202BE069	2028	12	13.2	Redacted		development
1773	SVCEA	New_Hybrid	202BE069	2029	1	14.2	Redacted		development
1774	SVCEA	New_Hybrid	202BE069	2029	2	16.2	Redacted		development
1775	SVCEA	New_Hybrid	202BE069	2029	3	22.9	Redacted		development
1776	SVCEA	New_Hybrid	202BE069	2029	4	24.3	Redacted		development
1777	SVCEA	New_Hybrid	202BE069	2029	5	27.5	Redacted		development
1778	SVCEA	New_Hybrid	202BE069	2029	6	28.1	Redacted		development
1779	SVCEA	New_Hybrid	202BE069	2029	7	27.1	Redacted		development
1780	SVCEA	New_Hybrid	202BE069	2029	8	25.8	Redacted		development
1781	SVCEA	New_Hybrid	202BE069	2029	9	23.4	Redacted		development
1782	SVCEA	New_Hybrid	202BE069	2029	10	20.2	Redacted		development
1783	SVCEA	New_Hybrid	202BE069	2029	11	15.1	Redacted		development
1784	SVCEA	New_Hybrid	202BE069	2029	12	13.1	Redacted		development
1785	SVCEA	New_Hybrid	202BE069	2030	1	14.2	Redacted		development
1786	SVCEA	New_Hybrid	202BE069	2030	2	16.1	Redacted		development
1787	SVCEA	New_Hybrid	202BE069	2030	3	22.7	Redacted		development
1788	SVCEA	New_Hybrid	202BE069	2030	4	24.2	Redacted		development
1789	SVCEA	New_Hybrid	202BE069	2030	5	27.4	Redacted		development
1790	SVCEA	New_Hybrid	202BE069	2030	6	28.0	Redacted		development
1791	SVCEA	New_Hybrid	202BE069	2030	7	26.9	Redacted		development
1792	SVCEA	New_Hybrid	202BE069	2030	8	25.7	Redacted		development
1793	SVCEA	New_Hybrid	202BE069	2030	9	23.3	Redacted		development
1794	SVCEA	New_Hybrid	202BE069	2030	10	20.1	Redacted		development
1795	SVCEA	New_Hybrid	202BE069	2030	11	15.0	Redacted		development
1796	SVCEA	New_Hybrid	202BE069	2030	12	13.1	Redacted		development
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1762	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_2	0%	1
1763	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_3	0%	1
1764	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_4	0%	1
1765	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_5	0%	1
1766	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_6	0%	1
1767	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_7	0%	1
1768	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_8	0%	1
1769	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_9	0%	1
1770	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_10	0%	1
1771	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_11	0%	1
1772	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2028_12	0%	1
1773	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_1	0%	1
1774	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_2	0%	1
1775	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_3	0%	1
1776	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_4	0%	1
1777	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_5	0%	1
1778	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_6	0%	1
1779	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_7	0%	1
1780	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_8	0%	1
1781	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_9	0%	1
1782	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_10	0%	1
1783	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_11	0%	1
1784	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2029_12	0%	1
1785	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_1	0%	1
1786	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_2	0%	1
1787	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_3	0%	1
1788	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_4	0%	1
1789	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_5	0%	1
1790	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_6	0%	1
1791	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_7	0%	1
1792	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_8	0%	1
1793	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_9	0%	1
1794	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_10	0%	1
1795	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_11	0%	1
1796	3	Redacted	Redacted	CAISO_Hybrid	0	unknown	unknown_2030_12	0%	1
1797		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1798		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1799		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1800		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1801		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1762	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1763	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1764	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1765	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1766	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1767	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1768	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1769	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1770	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1771	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1772	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1773	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1774	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1775	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1776	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1777	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1778	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1779	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1780	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1781	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1782	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1783	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1784	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1785	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1786	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1787	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1788	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1789	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1790	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1791	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1792	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1793	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1794	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1795	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1796	#N/A	Redacted	ok	new_resolve	1	1	New_Hybrid_202BE069_Aratina Solar Center 1B, hybrid, 99.5 MW, Kern County
1797	#N/A	Redacted	ok	physical	0	1	Redacted
1798	#N/A	Redacted	ok	physical	0	1	Redacted
1799	#N/A	Redacted	ok	physical	0	1	Redacted
1800	#N/A	Redacted	ok	physical	0	1	Redacted
1801	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1802		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1803		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1804		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1805		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1806		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1807		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1808		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1809		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1810		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1811		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
1812		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1813		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1814		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1815		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1816		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1817		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1818		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1819		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1820		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1821		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1822		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1823		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1824		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1825		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1826		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1827		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1828		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1829		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1830		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1831		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1832		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1833		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1834		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1835		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1836		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1837		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1838		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1839		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1840		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1841		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1802	#N/A	Redacted	ok	physical	0	1	Redacted
1803	#N/A	Redacted	ok	physical	0	1	Redacted
1804	#N/A	Redacted	ok	physical	0	1	Redacted
1805	#N/A	Redacted	ok	physical	0	1	Redacted
1806	#N/A	Redacted	ok	physical	0	1	Redacted
1807	#N/A	Redacted	ok	physical	0	1	Redacted
1808	#N/A	Redacted	ok	physical	0	1	Redacted
1809	#N/A	Redacted	ok	physical	0	1	Redacted
1810	#N/A	Redacted	ok	physical	0	1	Redacted
1811	#N/A	Redacted	ok	physical	0	1	Redacted
1812	#N/A	Redacted	ok	new_generic	0	1	Redacted
1813	#N/A	Redacted	ok	new_generic	0	1	Redacted
1814	#N/A	Redacted	ok	new_generic	0	1	Redacted
1815	#N/A	Redacted	ok	new_generic	1	1	Redacted
1816	#N/A	Redacted	ok	new_generic	0	1	Redacted
1817	#N/A	Redacted	ok	new_generic	0	1	Redacted
1818	#N/A	Redacted	ok	new_generic	1	1	Redacted
1819	#N/A	Redacted	ok	new_generic	1	1	Redacted
1820	#N/A	Redacted	ok	new_generic	1	1	Redacted
1821	#N/A	Redacted	ok	new_generic	1	1	Redacted
1822	#N/A	Redacted	ok	new_generic	1	1	Redacted
1823	#N/A	Redacted	ok	new_generic	1	1	Redacted
1824	#N/A	Redacted	ok	new_generic	0	1	Redacted
1825	#N/A	Redacted	ok	new_generic	0	1	Redacted
1826	#N/A	Redacted	ok	new_generic	0	1	Redacted
1827	#N/A	Redacted	ok	new_generic	1	1	Redacted
1828	#N/A	Redacted	ok	new_generic	0	1	Redacted
1829	#N/A	Redacted	ok	new_generic	0	1	Redacted
1830	#N/A	Redacted	ok	new_generic	1	1	Redacted
1831	#N/A	Redacted	ok	new_generic	1	1	Redacted
1832	#N/A	Redacted	ok	new_generic	1	1	Redacted
1833	#N/A	Redacted	ok	new_generic	1	1	Redacted
1834	#N/A	Redacted	ok	new_generic	1	1	Redacted
1835	#N/A	Redacted	ok	new_generic	1	1	Redacted
1836	#N/A	Redacted	ok	new_generic	0	1	Redacted
1837	#N/A	Redacted	ok	new_generic	0	1	Redacted
1838	#N/A	Redacted	ok	new_generic	0	1	Redacted
1839	#N/A	Redacted	ok	new_generic	1	1	Redacted
1840	#N/A	Redacted	ok	new_generic	0	1	Redacted
1841	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1842		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1843		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1844		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1845		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1846		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1847		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1848		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1849		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1850		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1851		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1852		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1853		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1854		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1855		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1856		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1857		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1858		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1859		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1860		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1861		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1862		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1863		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1864		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1865		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1866		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1867		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1868		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1869		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1870		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1871		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1872		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1873		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1874		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1875		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1876		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1877		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1878		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1879		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1880		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1881		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1842	#N/A	Redacted	ok	new_generic	1	1	Redacted
1843	#N/A	Redacted	ok	new_generic	1	1	Redacted
1844	#N/A	Redacted	ok	new_generic	1	1	Redacted
1845	#N/A	Redacted	ok	new_generic	1	1	Redacted
1846	#N/A	Redacted	ok	new_generic	1	1	Redacted
1847	#N/A	Redacted	ok	new_generic	1	1	Redacted
1848	#N/A	Redacted	ok	new_generic	0	1	Redacted
1849	#N/A	Redacted	ok	new_generic	0	1	Redacted
1850	#N/A	Redacted	ok	new_generic	0	1	Redacted
1851	#N/A	Redacted	ok	new_generic	1	1	Redacted
1852	#N/A	Redacted	ok	new_generic	0	1	Redacted
1853	#N/A	Redacted	ok	new_generic	0	1	Redacted
1854	#N/A	Redacted	ok	new_generic	1	1	Redacted
1855	#N/A	Redacted	ok	new_generic	1	1	Redacted
1856	#N/A	Redacted	ok	new_generic	1	1	Redacted
1857	#N/A	Redacted	ok	new_generic	1	1	Redacted
1858	#N/A	Redacted	ok	new_generic	1	1	Redacted
1859	#N/A	Redacted	ok	new_generic	1	1	Redacted
1860	#N/A	Redacted	ok	new_generic	1	1	Redacted
1861	#N/A	Redacted	ok	new_generic	1	1	Redacted
1862	#N/A	Redacted	ok	new_generic	1	1	Redacted
1863	#N/A	Redacted	ok	new_generic	1	1	Redacted
1864	#N/A	Redacted	ok	new_generic	1	1	Redacted
1865	#N/A	Redacted	ok	new_generic	1	1	Redacted
1866	#N/A	Redacted	ok	new_generic	1	1	Redacted
1867	#N/A	Redacted	ok	new_generic	1	1	Redacted
1868	#N/A	Redacted	ok	new_generic	1	1	Redacted
1869	#N/A	Redacted	ok	new_generic	1	1	Redacted
1870	#N/A	Redacted	ok	new_generic	1	1	Redacted
1871	#N/A	Redacted	ok	new_generic	1	1	Redacted
1872	#N/A	Redacted	ok	new_generic	1	1	Redacted
1873	#N/A	Redacted	ok	new_generic	1	1	Redacted
1874	#N/A	Redacted	ok	new_generic	1	1	Redacted
1875	#N/A	Redacted	ok	new_generic	1	1	Redacted
1876	#N/A	Redacted	ok	new_generic	1	1	Redacted
1877	#N/A	Redacted	ok	new_generic	1	1	Redacted
1878	#N/A	Redacted	ok	new_generic	1	1	Redacted
1879	#N/A	Redacted	ok	new_generic	1	1	Redacted
1880	#N/A	Redacted	ok	new_generic	1	1	Redacted
1881	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1882	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		review
1883	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		review
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1882		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1883		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1884		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1885		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1886		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1887		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1888		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1889		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1890		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1891		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1892		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1893		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1894		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1895		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1896		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1897		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1898		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1899		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1900		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1901		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1902		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1903		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1904		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1905		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1906		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1907		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1908		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1909		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1910		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1911		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1912		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1913		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1914		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1915		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1916		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1917		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1918		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1919		Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
1920		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1921		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1882	#N/A	Redacted	ok	new_generic	1	1	Redacted
1883	#N/A	Redacted	ok	new_generic	1	1	Redacted
1884	#N/A	Redacted	ok	new_generic	1	1	Redacted
1885	#N/A	Redacted	ok	new_generic	1	1	Redacted
1886	#N/A	Redacted	ok	new_generic	1	1	Redacted
1887	#N/A	Redacted	ok	new_generic	1	1	Redacted
1888	#N/A	Redacted	ok	new_generic	1	1	Redacted
1889	#N/A	Redacted	ok	new_generic	1	1	Redacted
1890	#N/A	Redacted	ok	new_generic	1	1	Redacted
1891	#N/A	Redacted	ok	new_generic	1	1	Redacted
1892	#N/A	Redacted	ok	new_generic	1	1	Redacted
1893	#N/A	Redacted	ok	new_generic	1	1	Redacted
1894	#N/A	Redacted	ok	new_generic	1	1	Redacted
1895	#N/A	Redacted	ok	new_generic	1	1	Redacted
1896	#N/A	Redacted	ok	new_generic	1	1	Redacted
1897	#N/A	Redacted	ok	new_generic	1	1	Redacted
1898	#N/A	Redacted	ok	new_generic	1	1	Redacted
1899	#N/A	Redacted	ok	new_generic	1	1	Redacted
1900	#N/A	Redacted	ok	new_generic	1	1	Redacted
1901	#N/A	Redacted	ok	new_generic	1	1	Redacted
1902	#N/A	Redacted	ok	new_generic	1	1	Redacted
1903	#N/A	Redacted	ok	new_generic	1	1	Redacted
1904	#N/A	Redacted	ok	new_generic	1	1	Redacted
1905	#N/A	Redacted	ok	new_generic	1	1	Redacted
1906	#N/A	Redacted	ok	new_generic	1	1	Redacted
1907	#N/A	Redacted	ok	new_generic	1	1	Redacted
1908	#N/A	Redacted	ok	new_generic	1	1	Redacted
1909	#N/A	Redacted	ok	new_generic	1	1	Redacted
1910	#N/A	Redacted	ok	new_generic	1	1	Redacted
1911	#N/A	Redacted	ok	new_generic	1	1	Redacted
1912	#N/A	Redacted	ok	new_generic	1	1	Redacted
1913	#N/A	Redacted	ok	new_generic	1	1	Redacted
1914	#N/A	Redacted	ok	new_generic	1	1	Redacted
1915	#N/A	Redacted	ok	new_generic	1	1	Redacted
1916	#N/A	Redacted	ok	new_generic	1	1	Redacted
1917	#N/A	Redacted	ok	new_generic	1	1	Redacted
1918	#N/A	Redacted	ok	new_generic	0	1	Redacted
1919	#N/A	Redacted	ok	new_generic	0	1	Redacted
1920	#N/A	Redacted	ok	special	0	1	Redacted
1921	#N/A	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**
1882	0	0	1	1	1	1	1	1	1	1
1883	0	0	1	1	1	1	1	1	1	1
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1922		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1923		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1924		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1925		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1926		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1927		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1928		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1929		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1930		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1931		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1932		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1933		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1934		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1935		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1936		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1937		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1938		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1939		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1940		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1941		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1942		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1943		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1944		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1945		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1946		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1947		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1948		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1949		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1950		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1951		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1952		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1953		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1954		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1955		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1956		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1957		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1958		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1959		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1960		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1961		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1922	#N/A	Redacted	ok	special	0	1	Redacted
1923	#N/A	Redacted	ok	special	0	1	Redacted
1924	#N/A	Redacted	ok	special	0	1	Redacted
1925	#N/A	Redacted	ok	special	0	1	Redacted
1926	#N/A	Redacted	ok	special	0	1	Redacted
1927	#N/A	Redacted	ok	special	0	1	Redacted
1928	#N/A	Redacted	ok	special	0	1	Redacted
1929	#N/A	Redacted	ok	special	0	1	Redacted
1930	#N/A	Redacted	ok	special	0	1	Redacted
1931	#N/A	Redacted	ok	special	0	1	Redacted
1932	#N/A	Redacted	ok	special	0	1	Redacted
1933	#N/A	Redacted	ok	special	0	1	Redacted
1934	#N/A	Redacted	ok	special	0	1	Redacted
1935	#N/A	Redacted	ok	special	0	1	Redacted
1936	#N/A	Redacted	ok	special	0	1	Redacted
1937	#N/A	Redacted	ok	special	0	1	Redacted
1938	#N/A	Redacted	ok	special	0	1	Redacted
1939	#N/A	Redacted	ok	special	0	1	Redacted
1940	#N/A	Redacted	ok	special	0	1	Redacted
1941	#N/A	Redacted	ok	special	0	1	Redacted
1942	#N/A	Redacted	ok	special	0	1	Redacted
1943	#N/A	Redacted	ok	special	0	1	Redacted
1944	#N/A	Redacted	ok	special	0	1	Redacted
1945	#N/A	Redacted	ok	special	0	1	Redacted
1946	#N/A	Redacted	ok	special	0	1	Redacted
1947	#N/A	Redacted	ok	special	0	1	Redacted
1948	#N/A	Redacted	ok	special	0	1	Redacted
1949	#N/A	Redacted	ok	special	0	1	Redacted
1950	#N/A	Redacted	ok	special	0	1	Redacted
1951	#N/A	Redacted	ok	special	0	1	Redacted
1952	#N/A	Redacted	ok	special	0	1	Redacted
1953	#N/A	Redacted	ok	special	0	1	Redacted
1954	#N/A	Redacted	ok	special	0	1	Redacted
1955	#N/A	Redacted	ok	special	0	1	Redacted
1956	#N/A	Redacted	ok	special	0	1	Redacted
1957	#N/A	Redacted	ok	special	0	1	Redacted
1958	#N/A	Redacted	ok	special	0	1	Redacted
1959	#N/A	Redacted	ok	special	0	1	Redacted
1960	#N/A	Redacted	ok	special	0	1	Redacted
1961	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
1962		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1963		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1964		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1965		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1966		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1967		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1968		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1969		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1970		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1971		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1972		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1973		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1974		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1975		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1976		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1977		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1978		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1979		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1980		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1981		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1982		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1983		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1984		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1985		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1986		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1987		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1988		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1989		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1990		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1991		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1992		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1993		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1994		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1995		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1996		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1997		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1998		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
1999		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2000		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2001		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
1962	#N/A	Redacted	ok	special	0	1	Redacted
1963	#N/A	Redacted	ok	special	0	1	Redacted
1964	#N/A	Redacted	ok	special	0	1	Redacted
1965	#N/A	Redacted	ok	special	0	1	Redacted
1966	#N/A	Redacted	ok	special	0	1	Redacted
1967	#N/A	Redacted	ok	special	0	1	Redacted
1968	#N/A	Redacted	ok	special	0	1	Redacted
1969	#N/A	Redacted	ok	special	0	1	Redacted
1970	#N/A	Redacted	ok	special	0	1	Redacted
1971	#N/A	Redacted	ok	special	0	1	Redacted
1972	#N/A	Redacted	ok	special	0	1	Redacted
1973	#N/A	Redacted	ok	special	0	1	Redacted
1974	#N/A	Redacted	ok	special	0	1	Redacted
1975	#N/A	Redacted	ok	special	0	1	Redacted
1976	#N/A	Redacted	ok	special	0	1	Redacted
1977	#N/A	Redacted	ok	special	0	1	Redacted
1978	#N/A	Redacted	ok	special	0	1	Redacted
1979	#N/A	Redacted	ok	special	0	1	Redacted
1980	#N/A	Redacted	ok	special	0	1	Redacted
1981	#N/A	Redacted	ok	special	0	1	Redacted
1982	#N/A	Redacted	ok	special	0	1	Redacted
1983	#N/A	Redacted	ok	special	0	1	Redacted
1984	#N/A	Redacted	ok	special	0	1	Redacted
1985	#N/A	Redacted	ok	special	0	1	Redacted
1986	#N/A	Redacted	ok	special	0	1	Redacted
1987	#N/A	Redacted	ok	special	0	1	Redacted
1988	#N/A	Redacted	ok	special	0	1	Redacted
1989	#N/A	Redacted	ok	special	0	1	Redacted
1990	#N/A	Redacted	ok	special	0	1	Redacted
1991	#N/A	Redacted	ok	special	0	1	Redacted
1992	#N/A	Redacted	ok	special	0	1	Redacted
1993	#N/A	Redacted	ok	special	0	1	Redacted
1994	#N/A	Redacted	ok	special	0	1	Redacted
1995	#N/A	Redacted	ok	special	0	1	Redacted
1996	#N/A	Redacted	ok	special	0	1	Redacted
1997	#N/A	Redacted	ok	special	0	1	Redacted
1998	#N/A	Redacted	ok	special	0	1	Redacted
1999	#N/A	Redacted	ok	special	0	1	Redacted
2000	#N/A	Redacted	ok	special	0	1	Redacted
2001	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2002		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2003		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2004		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2005		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2006		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2007		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2008		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2009		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2010		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2011		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2012		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2013		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2014		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2015		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2016		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2017		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2018		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2019		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2020		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2021		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2022		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2023		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2024		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2025		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2026		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2027		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2028		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2029		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2030		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2031		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2032		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2033		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2034		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2035		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2036		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2037		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2038		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2039		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2040		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2041		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2002	#N/A	Redacted	ok	special	0	1	Redacted
2003	#N/A	Redacted	ok	special	0	1	Redacted
2004	#N/A	Redacted	ok	special	0	1	Redacted
2005	#N/A	Redacted	ok	special	0	1	Redacted
2006	#N/A	Redacted	ok	special	0	1	Redacted
2007	#N/A	Redacted	ok	special	0	1	Redacted
2008	#N/A	Redacted	ok	special	0	1	Redacted
2009	#N/A	Redacted	ok	special	0	1	Redacted
2010	#N/A	Redacted	ok	special	0	1	Redacted
2011	#N/A	Redacted	ok	special	0	1	Redacted
2012	#N/A	Redacted	ok	special	0	1	Redacted
2013	#N/A	Redacted	ok	special	0	1	Redacted
2014	#N/A	Redacted	ok	special	0	1	Redacted
2015	#N/A	Redacted	ok	special	0	1	Redacted
2016	#N/A	Redacted	ok	special	0	1	Redacted
2017	#N/A	Redacted	ok	special	0	1	Redacted
2018	#N/A	Redacted	ok	special	0	1	Redacted
2019	#N/A	Redacted	ok	special	0	1	Redacted
2020	#N/A	Redacted	ok	special	0	1	Redacted
2021	#N/A	Redacted	ok	special	0	1	Redacted
2022	#N/A	Redacted	ok	special	0	1	Redacted
2023	#N/A	Redacted	ok	special	0	1	Redacted
2024	#N/A	Redacted	ok	special	0	1	Redacted
2025	#N/A	Redacted	ok	special	0	1	Redacted
2026	#N/A	Redacted	ok	special	0	1	Redacted
2027	#N/A	Redacted	ok	special	0	1	Redacted
2028	#N/A	Redacted	ok	special	0	1	Redacted
2029	#N/A	Redacted	ok	special	0	1	Redacted
2030	#N/A	Redacted	ok	special	0	1	Redacted
2031	#N/A	Redacted	ok	special	0	1	Redacted
2032	#N/A	Redacted	ok	special	0	1	Redacted
2033	#N/A	Redacted	ok	special	0	1	Redacted
2034	#N/A	Redacted	ok	special	0	1	Redacted
2035	#N/A	Redacted	ok	special	0	1	Redacted
2036	#N/A	Redacted	ok	special	0	1	Redacted
2037	#N/A	Redacted	ok	special	0	1	Redacted
2038	#N/A	Redacted	ok	special	0	1	Redacted
2039	#N/A	Redacted	ok	special	0	1	Redacted
2040	#N/A	Redacted	ok	special	0	1	Redacted
2041	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2042		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2043		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2044		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2045		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2046		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2047		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2048		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2049		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2050		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2051		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2052		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2053		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
2054		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2055		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2056		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2057		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
2058		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2059		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2060		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2061		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2062		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2063		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2064		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2065		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
2066		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2067		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2068		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2069		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
2070		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2071		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2072		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2073		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2074		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2075		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2076		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2077		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
2078		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2079		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2080		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2081		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2042	#N/A	Redacted	ok	special	0	1	Redacted
2043	#N/A	Redacted	ok	special	0	1	Redacted
2044	#N/A	Redacted	ok	special	0	1	Redacted
2045	#N/A	Redacted	ok	special	0	1	Redacted
2046	#N/A	Redacted	ok	special	0	1	Redacted
2047	#N/A	Redacted	ok	special	0	1	Redacted
2048	#N/A	Redacted	ok	special	0	1	Redacted
2049	#N/A	Redacted	ok	special	0	1	Redacted
2050	#N/A	Redacted	ok	special	0	1	Redacted
2051	#N/A	Redacted	ok	special	0	1	Redacted
2052	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2053	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2054	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2055	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2056	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2057	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2058	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2059	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2060	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2061	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2062	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2063	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2064	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2065	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2066	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2067	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2068	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2069	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2070	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2071	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2072	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2073	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2074	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2075	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2076	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2077	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2078	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2079	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2080	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2081	#N/A	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**
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
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
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2082		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2083		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2084		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2085		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2086		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2087		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2088		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2089		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
2090		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2091		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2092		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2093		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
2094		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2095		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2096		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2097		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2098		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2099		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2100		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2101		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
2102		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2103		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2104		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2105		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
2106		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2107		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2108		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2109		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2110		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2111		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2112		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2113		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
2114		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2115		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2116		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2117		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
2118		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2119		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2120		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2121		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2082	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2083	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2084	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2085	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2086	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2087	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2088	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2089	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2090	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2091	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2092	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2093	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2094	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2095	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2096	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2097	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2098	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2099	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2100	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2101	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2102	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2103	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2104	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2105	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2106	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2107	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2108	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2109	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2110	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2111	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2112	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2113	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2114	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2115	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2116	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2117	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2118	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2119	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2120	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2121	#N/A	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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2122		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2123		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2124		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2125		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
2126		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2127		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2128		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2129		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
2130		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2131		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2132		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2133		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2134		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2135		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2136		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2137		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
2138		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2139		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2140		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2141		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
2142		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2143		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2144		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2145		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2146		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2147		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2148		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2149		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
2150		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2151		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2152		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2153		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
2154		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2155		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2156		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2157		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2158		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2159		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2160		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
2161		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2122	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2123	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2124	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2125	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2126	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2127	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2128	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2129	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2130	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2131	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2132	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2133	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2134	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2135	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2136	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2137	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2138	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2139	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2140	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2141	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2142	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2143	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2144	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2145	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2146	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2147	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2148	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2149	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2150	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2151	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2152	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2153	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2154	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2155	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2156	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2157	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2158	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2159	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2160	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2161	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
2173	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new
2174	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new
2175	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new
2176	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new
2177	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new
2178	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new
2179	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new
2180	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new
2181	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new
2182	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new
2183	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new
2184	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new
2185	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new
2186	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new
2187	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new
2188	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new
2189	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new
2190	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new
2191	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new
2192	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new
2193	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new
2194	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new
2195	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new
2196	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new
2197	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new
2198	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new
2199	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new
2200	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new
2201	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2162		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2163		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2164		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
2165		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
2166		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
2167		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
2168		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
2169		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2170		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
2171		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
2172	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2173	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2174	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2175	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2176	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2177	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2178	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2179	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2180	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2181	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2182	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2183	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2184	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2185	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2186	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2187	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2188	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2189	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2190	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2191	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2192	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2193	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2194	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2195	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2196	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2197	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2198	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2199	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2200	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2201	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2162	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2163	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2164	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2165	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2166	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2167	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2168	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2169	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2170	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2171	#N/A	Redacted	ok	existing_generic	1	1	Redacted
2172	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2173	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2174	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2175	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2176	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2177	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2178	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2179	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2180	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2181	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2182	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2183	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2184	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2185	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2186	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2187	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2188	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2189	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2190	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2191	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2192	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2193	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2194	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2195	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2196	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2197	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2198	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2199	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2200	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2201	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2202	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new
2203	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new
2204	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new
2205	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new
2206	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new
2207	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new
2208	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new
2209	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new
2210	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new
2211	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new
2212	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new
2213	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new
2214	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new
2215	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new
2216	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new
2217	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new
2218	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new
2219	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new
2220	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new
2221	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new
2222	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new
2223	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new
2224	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new
2225	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new
2226	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new
2227	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new
2228	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new
2229	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new
2230	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new
2231	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new
2232	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new
2233	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new
2234	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new
2235	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new
2236	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new
2237	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new
2238	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new
2239	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new
2240	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new
2241	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2202	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2203	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2204	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2205	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2206	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2207	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2208	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2209	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2210	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2211	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2212	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2213	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2214	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2215	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2216	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2217	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2218	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2219	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2220	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2221	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2222	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2223	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2224	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2225	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2226	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2227	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2228	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2229	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2230	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2231	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2232	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2233	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2234	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2235	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2236	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2237	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2238	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2239	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2240	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2241	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2202	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2203	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2204	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2205	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2206	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2207	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2208	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2209	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2210	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2211	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2212	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2213	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2214	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2215	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2216	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2217	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2218	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2219	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2220	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2221	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2222	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2223	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2224	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2225	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2226	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2227	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2228	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2229	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2230	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2231	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2232	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2233	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2234	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2235	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2236	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2237	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2238	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2239	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2240	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2241	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2242	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new
2243	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new
2244	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new
2245	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new
2246	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new
2247	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new
2248	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new
2249	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new
2250	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new
2251	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new
2252	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new
2253	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new
2254	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new
2255	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new
2256	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new
2257	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new
2258	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new
2259	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new
2260	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new
2261	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new
2262	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new
2263	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new
2264	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new
2265	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new
2266	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new
2267	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new
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
2280	SVCEA	Redacted	Redacted	2024	1	Redacted		Redacted	planned_existing
2281	SVCEA	Redacted	Redacted	2024	2	Redacted		Redacted	planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2242	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2243	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2244	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2245	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2246	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2247	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2248	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2249	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2250	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2251	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2252	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2253	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2254	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2255	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2256	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2257	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2258	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2259	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2260	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2261	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2262	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2263	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2264	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2265	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2266	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2267	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
2268		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
2269		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
2270		Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1
2271		Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1
2272		Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1
2273		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
2274		Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1
2275		Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1
2276		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
2277		Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1
2278		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
2279		Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1
2280		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
2281		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2242	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2243	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2244	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2245	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2246	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2247	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2248	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2249	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2250	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2251	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2252	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2253	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2254	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2255	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2256	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2257	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2258	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2259	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2260	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2261	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2262	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2263	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2264	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2265	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2266	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2267	#N/A	Redacted	ok	new_resolve	1	1	Redacted
2268	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2269	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2270	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2271	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2272	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2273	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2274	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2275	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2276	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2277	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2278	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2279	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2280	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2281	Redacted	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**
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
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
2280	0	0	1	1	1	1	1	1	1	1
2281	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2282		Redacted	Redacted	Redacted	1	Redacted	Redacted	32%	1
2283		Redacted	Redacted	Redacted	1	Redacted	Redacted	29%	1
2284		Redacted	Redacted	Redacted	1	Redacted	Redacted	29%	1
2285		Redacted	Redacted	Redacted	1	Redacted	Redacted	38%	1
2286		Redacted	Redacted	Redacted	1	Redacted	Redacted	26%	1
2287		Redacted	Redacted	Redacted	1	Redacted	Redacted	24%	1
2288		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2289		Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1
2290		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
2291		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
2292		Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1
2293		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
2294		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2295		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
2296		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
2297		Redacted	Redacted	Redacted	1	Redacted	Redacted	43%	1
2298		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
2299		Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1
2300		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
2301		Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1
2302		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
2303		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2304		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
2305		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2306		Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1
2307		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2308		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2309		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1
2310		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
2311		Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1
2312		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
2313		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
2314		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2315		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
2316		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
2317		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2318		Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1
2319		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2320		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2321		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2282	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2283	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2284	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2285	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2286	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2287	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2288	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2289	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2290	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2291	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2292	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2293	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2294	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2295	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2296	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2297	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2298	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2299	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2300	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2301	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2302	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2303	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2304	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2305	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2306	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2307	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2308	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2309	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2310	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2311	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2312	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2313	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2314	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2315	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2316	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2317	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2318	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2319	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2320	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2321	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2322		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
2323		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
2324		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
2325		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
2326		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2327		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
2328		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
2329		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2330		Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1
2331		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2332		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2333		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1
2334		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
2335		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
2336		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
2337		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
2338		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2339		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
2340		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
2341		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2342		Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1
2343		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2344		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2345		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1
2346		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
2347		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
2348		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
2349		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
2350		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2351		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
2352		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
2353		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2354		Redacted	Redacted	Redacted	1	Redacted	Redacted	40%	1
2355		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2356		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
2357		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1
2358		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
2359		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
2360		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
2361		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2322	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2323	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2324	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2325	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2326	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2327	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2328	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2329	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2330	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2331	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2332	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2333	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2334	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2335	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2336	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2337	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2338	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2339	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2340	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2341	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2342	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2343	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2344	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2345	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2346	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2347	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2348	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2349	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2350	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2351	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2352	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2353	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2354	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2355	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2356	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2357	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2358	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2359	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2360	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2361	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2362		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
2363		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
2364		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2365		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2366		Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1
2367		Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1
2368		Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1
2369		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2370		Redacted	Redacted	Redacted	0	Redacted	Redacted	23%	1
2371		Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1
2372		Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1
2373		Redacted	Redacted	Redacted	0	Redacted	Redacted	8%	1
2374		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2375		Redacted	Redacted	Redacted	0	Redacted	Redacted	13%	1
2376		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2377		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2378		Redacted	Redacted	Redacted	0	Redacted	Redacted	32%	1
2379		Redacted	Redacted	Redacted	0	Redacted	Redacted	29%	1
2380		Redacted	Redacted	Redacted	0	Redacted	Redacted	29%	1
2381		Redacted	Redacted	Redacted	0	Redacted	Redacted	38%	1
2382		Redacted	Redacted	Redacted	0	Redacted	Redacted	26%	1
2383		Redacted	Redacted	Redacted	0	Redacted	Redacted	24%	1
2384		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2385		Redacted	Redacted	Redacted	0	Redacted	Redacted	9%	1
2386		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2387		Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1
2388		Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1
2389		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2390		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2391		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2392		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2393		Redacted	Redacted	Redacted	0	Redacted	Redacted	43%	1
2394		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2395		Redacted	Redacted	Redacted	0	Redacted	Redacted	27%	1
2396		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2397		Redacted	Redacted	Redacted	0	Redacted	Redacted	10%	1
2398		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2399		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2400		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2401		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2362	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2363	Redacted	Redacted	ok	existing_generic	1	1	Redacted
2364	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2365	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2366	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2367	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2368	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2369	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2370	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2371	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2372	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2373	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2374	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2375	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2376	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2377	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2378	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2379	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2380	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2381	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2382	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2383	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2384	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2385	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2386	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2387	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2388	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2389	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2390	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2391	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2392	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2393	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2394	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2395	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2396	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2397	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2398	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2399	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2400	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2401	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2402		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2403		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2404		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2405		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2406		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2407		Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1
2408		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2409		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2410		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2411		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2412		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2413		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2414		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2415		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2416		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2417		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2418		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2419		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2420		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2421		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2422		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2423		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2424		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2425		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2426		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2427		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2428		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2429		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2430		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2431		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2432		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2433		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2434		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2435		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2436		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2437		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2438		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2439		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2440		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2441		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2402	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2403	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2404	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2405	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2406	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2407	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2408	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2409	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2410	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2411	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2412	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2413	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2414	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2415	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2416	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2417	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2418	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2419	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2420	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2421	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2422	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2423	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2424	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2425	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2426	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2427	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2428	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2429	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2430	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2431	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2432	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2433	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2434	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2435	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2436	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2437	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2438	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2439	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2440	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2441	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2442		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2443		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2444		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2445		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2446		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2447		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2448		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2449		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2450		Redacted	Redacted	Redacted	0	Redacted	Redacted	40%	1
2451		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2452		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2453		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2454		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2455		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2456		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2457		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2458		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2459		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2460		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2461		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2462		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2463		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2464		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2465		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2466		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2467		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2468		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2469		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2470		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2471		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2472		Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1
2473		Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1
2474		Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1
2475		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2476		Redacted	Redacted	Redacted	0	Redacted	Redacted	23%	1
2477		Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1
2478		Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1
2479		Redacted	Redacted	Redacted	0	Redacted	Redacted	8%	1
2480		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2481		Redacted	Redacted	Redacted	0	Redacted	Redacted	13%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2442	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2443	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2444	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2445	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2446	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2447	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2448	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2449	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2450	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2451	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2452	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2453	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2454	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2455	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2456	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2457	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2458	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2459	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2460	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2461	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2462	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2463	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2464	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2465	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2466	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2467	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2468	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2469	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2470	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2471	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2472	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2473	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2474	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2475	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2476	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2477	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2478	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2479	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2480	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2481	Redacted	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**
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
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2482		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2483		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2484		Redacted	Redacted	Redacted	0	Redacted	Redacted	32%	1
2485		Redacted	Redacted	Redacted	0	Redacted	Redacted	29%	1
2486		Redacted	Redacted	Redacted	0	Redacted	Redacted	29%	1
2487		Redacted	Redacted	Redacted	0	Redacted	Redacted	38%	1
2488		Redacted	Redacted	Redacted	0	Redacted	Redacted	26%	1
2489		Redacted	Redacted	Redacted	0	Redacted	Redacted	24%	1
2490		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2491		Redacted	Redacted	Redacted	0	Redacted	Redacted	9%	1
2492		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2493		Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1
2494		Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1
2495		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2496		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2497		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2498		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2499		Redacted	Redacted	Redacted	0	Redacted	Redacted	43%	1
2500		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2501		Redacted	Redacted	Redacted	0	Redacted	Redacted	27%	1
2502		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2503		Redacted	Redacted	Redacted	0	Redacted	Redacted	10%	1
2504		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2505		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2506		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2507		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2508		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2509		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2510		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2511		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2512		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2513		Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1
2514		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2515		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2516		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2517		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2518		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2519		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2520		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2521		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2482	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2483	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2484	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2485	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2486	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2487	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2488	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2489	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2490	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2491	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2492	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2493	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2494	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2495	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2496	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2497	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2498	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2499	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2500	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2501	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2502	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2503	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2504	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2505	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2506	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2507	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2508	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2509	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2510	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2511	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2512	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2513	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2514	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2515	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2516	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2517	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2518	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2519	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2520	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2521	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2522		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2523		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2524		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2525		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2526		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2527		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2528		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2529		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2530		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2531		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2532		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2533		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2534		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2535		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2536		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2537		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2538		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2539		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2540		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2541		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2542		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2543		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2544		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2545		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2546		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2547		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2548		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2549		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2550		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2551		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2552		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2553		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2554		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2555		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2556		Redacted	Redacted	Redacted	0	Redacted	Redacted	40%	1
2557		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2558		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2559		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2560		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2561		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2522	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2523	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2524	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2525	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2526	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2527	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2528	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2529	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2530	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2531	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2532	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2533	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2534	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2535	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2536	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2537	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2538	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2539	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2540	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2541	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2542	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2543	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2544	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2545	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2546	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2547	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2548	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2549	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2550	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2551	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2552	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2553	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2554	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2555	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2556	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2557	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2558	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2559	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2560	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2561	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2562		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2563		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2564		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2565		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2566		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2567		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2568		Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1
2569		Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1
2570		Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1
2571		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2572		Redacted	Redacted	Redacted	0	Redacted	Redacted	23%	1
2573		Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1
2574		Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1
2575		Redacted	Redacted	Redacted	0	Redacted	Redacted	8%	1
2576		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2577		Redacted	Redacted	Redacted	0	Redacted	Redacted	13%	1
2578		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2579		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2580		Redacted	Redacted	Redacted	0	Redacted	Redacted	32%	1
2581		Redacted	Redacted	Redacted	0	Redacted	Redacted	29%	1
2582		Redacted	Redacted	Redacted	0	Redacted	Redacted	29%	1
2583		Redacted	Redacted	Redacted	0	Redacted	Redacted	38%	1
2584		Redacted	Redacted	Redacted	0	Redacted	Redacted	26%	1
2585		Redacted	Redacted	Redacted	0	Redacted	Redacted	24%	1
2586		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2587		Redacted	Redacted	Redacted	0	Redacted	Redacted	9%	1
2588		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2589		Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1
2590		Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1
2591		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2592		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2593		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2594		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2595		Redacted	Redacted	Redacted	0	Redacted	Redacted	43%	1
2596		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2597		Redacted	Redacted	Redacted	0	Redacted	Redacted	27%	1
2598		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2599		Redacted	Redacted	Redacted	0	Redacted	Redacted	10%	1
2600		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2601		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2562	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2563	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2564	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2565	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2566	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2567	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2568	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2569	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2570	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2571	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2572	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2573	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2574	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2575	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2576	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2577	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2578	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2579	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2580	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2581	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2582	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2583	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2584	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2585	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2586	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2587	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2588	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2589	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2590	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2591	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2592	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2593	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2594	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2595	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2596	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2597	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2598	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2599	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2600	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2601	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2602		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2603		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2604		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2605		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2606		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2607		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2608		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2609		Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1
2610		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2611		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2612		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2613		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2614		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2615		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2616		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2617		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2618		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2619		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2620		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2621		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2622		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2623		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2624		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2625		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2626		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2627		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2628		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2629		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2630		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2631		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2632		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2633		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2634		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2635		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2636		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2637		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2638		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2639		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2640		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2641		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2602	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2603	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2604	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2605	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2606	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2607	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2608	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2609	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2610	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2611	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2612	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2613	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2614	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2615	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2616	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2617	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2618	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2619	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2620	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2621	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2622	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2623	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2624	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2625	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2626	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2627	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2628	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2629	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2630	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2631	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2632	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2633	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2634	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2635	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2636	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2637	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2638	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2639	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2640	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2641	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2642	SVCEA	Redacted	Redacted	2029	5	Redacted		Redacted	planned_new
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2642		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2643		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2644		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2645		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2646		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2647		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2648		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2649		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2650		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2651		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2652		Redacted	Redacted	Redacted	0	Redacted	Redacted	40%	1
2653		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2654		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2655		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2656		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2657		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2658		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2659		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2660		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2661		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2662		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2663		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2664		Redacted	Redacted	Redacted	0	Redacted	Redacted	28%	1
2665		Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1
2666		Redacted	Redacted	Redacted	0	Redacted	Redacted	25%	1
2667		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2668		Redacted	Redacted	Redacted	0	Redacted	Redacted	23%	1
2669		Redacted	Redacted	Redacted	0	Redacted	Redacted	21%	1
2670		Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1
2671		Redacted	Redacted	Redacted	0	Redacted	Redacted	8%	1
2672		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2673		Redacted	Redacted	Redacted	0	Redacted	Redacted	13%	1
2674		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2675		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2676		Redacted	Redacted	Redacted	0	Redacted	Redacted	32%	1
2677		Redacted	Redacted	Redacted	0	Redacted	Redacted	29%	1
2678		Redacted	Redacted	Redacted	0	Redacted	Redacted	29%	1
2679		Redacted	Redacted	Redacted	0	Redacted	Redacted	38%	1
2680		Redacted	Redacted	Redacted	0	Redacted	Redacted	26%	1
2681		Redacted	Redacted	Redacted	0	Redacted	Redacted	24%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2642	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2643	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2644	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2645	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2646	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2647	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2648	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2649	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2650	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2651	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2652	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2653	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2654	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2655	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2656	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2657	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2658	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2659	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2660	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2661	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2662	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2663	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2664	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2665	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2666	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2667	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2668	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2669	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2670	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2671	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2672	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2673	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2674	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2675	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2676	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2677	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2678	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2679	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2680	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2681	Redacted	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**
2642	0	0	1	1	1	1	1	1	1	1
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2682		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2683		Redacted	Redacted	Redacted	0	Redacted	Redacted	9%	1
2684		Redacted	Redacted	Redacted	0	Redacted	Redacted	14%	1
2685		Redacted	Redacted	Redacted	0	Redacted	Redacted	15%	1
2686		Redacted	Redacted	Redacted	0	Redacted	Redacted	18%	1
2687		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2688		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2689		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2690		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2691		Redacted	Redacted	Redacted	0	Redacted	Redacted	43%	1
2692		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2693		Redacted	Redacted	Redacted	0	Redacted	Redacted	27%	1
2694		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2695		Redacted	Redacted	Redacted	0	Redacted	Redacted	10%	1
2696		Redacted	Redacted	Redacted	0	Redacted	Redacted	16%	1
2697		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2698		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2699		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2700		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2701		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2702		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2703		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2704		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2705		Redacted	Redacted	Redacted	0	Redacted	Redacted	31%	1
2706		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2707		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2708		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2709		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2710		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2711		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2712		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2713		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2714		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2715		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2716		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2717		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2718		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2719		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2720		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2721		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2682	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2683	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2684	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2685	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2686	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2687	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2688	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2689	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2690	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2691	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2692	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2693	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2694	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2695	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2696	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2697	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2698	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2699	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2700	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2701	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2702	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2703	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2704	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2705	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2706	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2707	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2708	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2709	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2710	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2711	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2712	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2713	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2714	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2715	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2716	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2717	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2718	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2719	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2720	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2721	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2722		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2723		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2724		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2725		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2726		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2727		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2728		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2729		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2730		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2731		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2732		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2733		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2734		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2735		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2736		Redacted	Redacted	Redacted	0	Redacted	Redacted	41%	1
2737		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2738		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2739		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2740		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2741		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2742		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2743		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2744		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2745		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2746		Redacted	Redacted	Redacted	0	Redacted	Redacted	20%	1
2747		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2748		Redacted	Redacted	Redacted	0	Redacted	Redacted	40%	1
2749		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2750		Redacted	Redacted	Redacted	0	Redacted	Redacted	36%	1
2751		Redacted	Redacted	Redacted	0	Redacted	Redacted	48%	1
2752		Redacted	Redacted	Redacted	0	Redacted	Redacted	33%	1
2753		Redacted	Redacted	Redacted	0	Redacted	Redacted	30%	1
2754		Redacted	Redacted	Redacted	0	Redacted	Redacted	22%	1
2755		Redacted	Redacted	Redacted	0	Redacted	Redacted	12%	1
2756		Redacted	Redacted	Redacted	0	Redacted	Redacted	17%	1
2757		Redacted	Redacted	Redacted	0	Redacted	Redacted	19%	1
2758		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2759		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2760		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2761		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2722	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2723	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2724	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2725	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2726	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2727	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2728	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2729	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2730	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2731	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2732	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2733	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2734	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2735	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2736	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2737	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2738	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2739	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2740	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2741	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2742	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2743	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2744	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2745	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2746	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2747	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2748	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2749	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2750	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2751	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2752	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2753	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2754	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2755	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2756	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2757	Redacted	Redacted	ok	new_resolve	1	1	Redacted
2758	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2759	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2760	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2761	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2762		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2763		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2764		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2765		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2766		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2767		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2768		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2769		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2770		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2771		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2772		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2773		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2774		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2775		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2776		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2777		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2778		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2779		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2780		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2781		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2782		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2783		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2784		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2785		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2786		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2787		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2788		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2789		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2790		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2791		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2792		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2793		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2794		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2795		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2796		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2797		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2798		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2799		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2800		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2801		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2762	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2763	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2764	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2765	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2766	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2767	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2768	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2769	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2770	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2771	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2772	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2773	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2774	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2775	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2776	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2777	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2778	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2779	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2780	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2781	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2782	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2783	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2784	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2785	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2786	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2787	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2788	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2789	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2790	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2791	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2792	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2793	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2794	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2795	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2796	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2797	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2798	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2799	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2800	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2801	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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
2841	SVCEA	Redacted	Redacted	2026	12	0	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2802		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2803		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2804		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2805		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2806		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2807		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2808		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2809		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2810		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2811		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2812		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2813		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2814		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2815		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2816		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2817		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2818		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2819		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2820		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2821		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2822		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2823		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2824		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2825		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2826		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2827		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2828		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2829		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2830		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2831		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2832		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2833		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2834		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2835		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2836		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2837		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2838		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2839		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2840		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2841		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2802	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2803	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2804	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2805	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2806	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2807	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2808	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2809	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2810	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2811	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2812	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2813	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2814	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2815	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2816	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2817	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2818	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2819	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2820	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2821	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2822	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2823	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2824	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2825	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2826	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2827	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2828	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2829	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2830	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2831	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2832	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2833	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2834	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2835	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2836	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2837	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2838	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2839	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2840	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2841	#N/A	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**
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
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
2841	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2842		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2843		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2844		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2845		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2846		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2847		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2848		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2849		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2850		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2851		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2852		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2853		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2854		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2855		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2856		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2857		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2858		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2859		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2860		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2861		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2862		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2863		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2864		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2865		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2866		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2867		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2868		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2869		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2870		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2871		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2872		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2873		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2874		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2875		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2876		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2877		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2878		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2879		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2880		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2881		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2842	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2843	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2844	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2845	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2846	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2847	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2848	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2849	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2850	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2851	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2852	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2853	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2854	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2855	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2856	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2857	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2858	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2859	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2860	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2861	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2862	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2863	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2864	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2865	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2866	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2867	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2868	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2869	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2870	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2871	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2872	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2873	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2874	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2875	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2876	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2877	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2878	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2879	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2880	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2881	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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	2021	8	Redacted		Redacted	planned_existing
2891	SVCEA	Redacted	Redacted	2022	8	Redacted		Redacted	planned_existing
2892	SVCEA	Redacted	Redacted	2023	8	Redacted		Redacted	planned_existing
2893	SVCEA	Redacted	Redacted	2024	8	Redacted		Redacted	planned_existing
2894	SVCEA	Redacted	Redacted	2025	8	Redacted		Redacted	planned_existing
2895	SVCEA	Redacted	Redacted	2026	8	Redacted		Redacted	planned_existing
2896	SVCEA	Redacted	Redacted	2027	8	Redacted		Redacted	planned_existing
2897	SVCEA	Redacted	Redacted	2028	8	Redacted		Redacted	planned_existing
2898	SVCEA	Redacted	Redacted	2029	8	Redacted		Redacted	planned_existing
2899	SVCEA	Redacted	Redacted	2030	8	Redacted		Redacted	planned_existing
2900	SVCEA	Redacted	Redacted	2021	1	Redacted		Redacted	planned_existing
2901	SVCEA	Redacted	Redacted	2022	1	Redacted		Redacted	planned_existing
2902	SVCEA	Redacted	Redacted	2023	1	Redacted		Redacted	planned_existing
2903	SVCEA	Redacted	Redacted	2024	1	Redacted		Redacted	planned_existing
2904	SVCEA	Redacted	Redacted	2025	1	Redacted		Redacted	planned_existing
2905	SVCEA	Redacted	Redacted	2026	1	Redacted		Redacted	planned_existing
2906	SVCEA	Redacted	Redacted	2027	1	Redacted		Redacted	planned_existing
2907	SVCEA	Redacted	Redacted	2028	1	Redacted		Redacted	planned_existing
2908	SVCEA	Redacted	Redacted	2029	1	Redacted		Redacted	planned_existing
2909	SVCEA	Redacted	Redacted	2030	1	Redacted		Redacted	planned_existing
2910	SVCEA	Redacted	Redacted	2021	2	Redacted		Redacted	planned_existing
2911	SVCEA	Redacted	Redacted	2022	2	Redacted		Redacted	planned_existing
2912	SVCEA	Redacted	Redacted	2023	2	Redacted		Redacted	planned_existing
2913	SVCEA	Redacted	Redacted	2024	2	Redacted		Redacted	planned_existing
2914	SVCEA	Redacted	Redacted	2025	2	Redacted		Redacted	planned_existing
2915	SVCEA	Redacted	Redacted	2026	2	Redacted		Redacted	planned_existing
2916	SVCEA	Redacted	Redacted	2027	2	Redacted		Redacted	planned_existing
2917	SVCEA	Redacted	Redacted	2028	2	Redacted		Redacted	planned_existing
2918	SVCEA	Redacted	Redacted	2029	2	Redacted		Redacted	planned_existing
2919	SVCEA	Redacted	Redacted	2030	2	Redacted		Redacted	planned_existing
2920	SVCEA	Redacted	Redacted	2021	3	Redacted		Redacted	planned_existing
2921	SVCEA	Redacted	Redacted	2022	3	Redacted		Redacted	planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2882		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2883		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2884		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2885		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2886		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2887		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2888		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2889		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
2890		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2891		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2892		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2893		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2894		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2895		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2896		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2897		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2898		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2899		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2900		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2901		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2902		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2903		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2904		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2905		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2906		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2907		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2908		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2909		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2910		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2911		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2912		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2913		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2914		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2915		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2916		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2917		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2918		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2919		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2920		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2921		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2882	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2883	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2884	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2885	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2886	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2887	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2888	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2889	#N/A	Redacted	ok	existing_generic	0	1	Redacted
2890	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2891	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2892	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2893	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2894	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2895	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2896	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2897	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2898	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2899	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2900	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2901	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2902	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2903	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2904	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2905	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2906	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2907	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2908	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2909	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2910	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2911	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2912	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2913	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2914	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2915	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2916	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2917	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2918	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2919	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2920	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2921	Redacted	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**
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	0	0	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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2922	SVCEA	Redacted	Redacted	2023	3	Redacted		Redacted	planned_existing
2923	SVCEA	Redacted	Redacted	2024	3	Redacted		Redacted	planned_existing
2924	SVCEA	Redacted	Redacted	2025	3	Redacted		Redacted	planned_existing
2925	SVCEA	Redacted	Redacted	2026	3	Redacted		Redacted	planned_existing
2926	SVCEA	Redacted	Redacted	2027	3	Redacted		Redacted	planned_existing
2927	SVCEA	Redacted	Redacted	2028	3	Redacted		Redacted	planned_existing
2928	SVCEA	Redacted	Redacted	2029	3	Redacted		Redacted	planned_existing
2929	SVCEA	Redacted	Redacted	2030	3	Redacted		Redacted	planned_existing
2930	SVCEA	Redacted	Redacted	2021	4	Redacted		Redacted	planned_existing
2931	SVCEA	Redacted	Redacted	2022	4	Redacted		Redacted	planned_existing
2932	SVCEA	Redacted	Redacted	2023	4	Redacted		Redacted	planned_existing
2933	SVCEA	Redacted	Redacted	2024	4	Redacted		Redacted	planned_existing
2934	SVCEA	Redacted	Redacted	2025	4	Redacted		Redacted	planned_existing
2935	SVCEA	Redacted	Redacted	2026	4	Redacted		Redacted	planned_existing
2936	SVCEA	Redacted	Redacted	2027	4	Redacted		Redacted	planned_existing
2937	SVCEA	Redacted	Redacted	2028	4	Redacted		Redacted	planned_existing
2938	SVCEA	Redacted	Redacted	2029	4	Redacted		Redacted	planned_existing
2939	SVCEA	Redacted	Redacted	2030	4	Redacted		Redacted	planned_existing
2940	SVCEA	Redacted	Redacted	2021	5	Redacted		Redacted	planned_existing
2941	SVCEA	Redacted	Redacted	2022	5	Redacted		Redacted	planned_existing
2942	SVCEA	Redacted	Redacted	2023	5	Redacted		Redacted	planned_existing
2943	SVCEA	Redacted	Redacted	2024	5	Redacted		Redacted	planned_existing
2944	SVCEA	Redacted	Redacted	2025	5	Redacted		Redacted	planned_existing
2945	SVCEA	Redacted	Redacted	2026	5	Redacted		Redacted	planned_existing
2946	SVCEA	Redacted	Redacted	2027	5	Redacted		Redacted	planned_existing
2947	SVCEA	Redacted	Redacted	2028	5	Redacted		Redacted	planned_existing
2948	SVCEA	Redacted	Redacted	2029	5	Redacted		Redacted	planned_existing
2949	SVCEA	Redacted	Redacted	2030	5	Redacted		Redacted	planned_existing
2950	SVCEA	Redacted	Redacted	2021	6	Redacted		Redacted	planned_existing
2951	SVCEA	Redacted	Redacted	2022	6	Redacted		Redacted	planned_existing
2952	SVCEA	Redacted	Redacted	2023	6	Redacted		Redacted	planned_existing
2953	SVCEA	Redacted	Redacted	2024	6	Redacted		Redacted	planned_existing
2954	SVCEA	Redacted	Redacted	2025	6	Redacted		Redacted	planned_existing
2955	SVCEA	Redacted	Redacted	2026	6	Redacted		Redacted	planned_existing
2956	SVCEA	Redacted	Redacted	2027	6	Redacted		Redacted	planned_existing
2957	SVCEA	Redacted	Redacted	2028	6	Redacted		Redacted	planned_existing
2958	SVCEA	Redacted	Redacted	2029	6	Redacted		Redacted	planned_existing
2959	SVCEA	Redacted	Redacted	2030	6	Redacted		Redacted	planned_existing
2960	SVCEA	Redacted	Redacted	2021	7	Redacted		Redacted	planned_existing
2961	SVCEA	Redacted	Redacted	2022	7	Redacted		Redacted	planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2922		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2923		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2924		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2925		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2926		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2927		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2928		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2929		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2930		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2931		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2932		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2933		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2934		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2935		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2936		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2937		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2938		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2939		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2940		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2941		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2942		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2943		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2944		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2945		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2946		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2947		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2948		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2949		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2950		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2951		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2952		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2953		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2954		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2955		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2956		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2957		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2958		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2959		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2960		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2961		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2922	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2923	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2924	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2925	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2926	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2927	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2928	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2929	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2930	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2931	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2932	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2933	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2934	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2935	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2936	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2937	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2938	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2939	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2940	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2941	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2942	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2943	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2944	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2945	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2946	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2947	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2948	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2949	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2950	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2951	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2952	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2953	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2954	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2955	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2956	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2957	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2958	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2959	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2960	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2961	Redacted	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2962	SVCEA	Redacted	Redacted	2023	7	Redacted		Redacted	planned_existing
2963	SVCEA	Redacted	Redacted	2024	7	Redacted		Redacted	planned_existing
2964	SVCEA	Redacted	Redacted	2025	7	Redacted		Redacted	planned_existing
2965	SVCEA	Redacted	Redacted	2026	7	Redacted		Redacted	planned_existing
2966	SVCEA	Redacted	Redacted	2027	7	Redacted		Redacted	planned_existing
2967	SVCEA	Redacted	Redacted	2028	7	Redacted		Redacted	planned_existing
2968	SVCEA	Redacted	Redacted	2029	7	Redacted		Redacted	planned_existing
2969	SVCEA	Redacted	Redacted	2030	7	Redacted		Redacted	planned_existing
2970	SVCEA	Redacted	Redacted	2021	10	Redacted		Redacted	planned_existing
2971	SVCEA	Redacted	Redacted	2022	10	Redacted		Redacted	planned_existing
2972	SVCEA	Redacted	Redacted	2023	10	Redacted		Redacted	planned_existing
2973	SVCEA	Redacted	Redacted	2024	10	Redacted		Redacted	planned_existing
2974	SVCEA	Redacted	Redacted	2025	10	Redacted		Redacted	planned_existing
2975	SVCEA	Redacted	Redacted	2026	10	Redacted		Redacted	planned_existing
2976	SVCEA	Redacted	Redacted	2027	10	Redacted		Redacted	planned_existing
2977	SVCEA	Redacted	Redacted	2028	10	Redacted		Redacted	planned_existing
2978	SVCEA	Redacted	Redacted	2029	10	Redacted		Redacted	planned_existing
2979	SVCEA	Redacted	Redacted	2030	10	Redacted		Redacted	planned_existing
2980	SVCEA	Redacted	Redacted	2021	11	Redacted		Redacted	planned_existing
2981	SVCEA	Redacted	Redacted	2022	11	Redacted		Redacted	planned_existing
2982	SVCEA	Redacted	Redacted	2023	11	Redacted		Redacted	planned_existing
2983	SVCEA	Redacted	Redacted	2024	11	Redacted		Redacted	planned_existing
2984	SVCEA	Redacted	Redacted	2025	11	Redacted		Redacted	planned_existing
2985	SVCEA	Redacted	Redacted	2026	11	Redacted		Redacted	planned_existing
2986	SVCEA	Redacted	Redacted	2027	11	Redacted		Redacted	planned_existing
2987	SVCEA	Redacted	Redacted	2028	11	Redacted		Redacted	planned_existing
2988	SVCEA	Redacted	Redacted	2029	11	Redacted		Redacted	planned_existing
2989	SVCEA	Redacted	Redacted	2030	11	Redacted		Redacted	planned_existing
2990	SVCEA	Redacted	Redacted	2021	12	Redacted		Redacted	planned_existing
2991	SVCEA	Redacted	Redacted	2022	12	Redacted		Redacted	planned_existing
2992	SVCEA	Redacted	Redacted	2023	12	Redacted		Redacted	planned_existing
2993	SVCEA	Redacted	Redacted	2024	12	Redacted		Redacted	planned_existing
2994	SVCEA	Redacted	Redacted	2025	12	Redacted		Redacted	planned_existing
2995	SVCEA	Redacted	Redacted	2026	12	Redacted		Redacted	planned_existing
2996	SVCEA	Redacted	Redacted	2027	12	Redacted		Redacted	planned_existing
2997	SVCEA	Redacted	Redacted	2028	12	Redacted		Redacted	planned_existing
2998	SVCEA	Redacted	Redacted	2029	12	Redacted		Redacted	planned_existing
2999	SVCEA	Redacted	Redacted	2030	12	Redacted		Redacted	planned_existing
3000	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_new
3001	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
2962		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2963		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2964		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2965		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2966		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2967		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2968		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2969		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2970		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2971		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2972		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2973		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2974		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2975		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2976		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2977		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2978		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2979		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2980		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2981		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2982		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2983		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2984		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2985		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2986		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2987		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2988		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2989		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2990		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2991		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2992		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2993		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2994		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2995		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2996		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2997		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2998		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
2999		Redacted	Redacted	Redacted	1	Redacted	Redacted	100%	1
3000	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3001	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
2962	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2963	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2964	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2965	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2966	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2967	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2968	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2969	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2970	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2971	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2972	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2973	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2974	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2975	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2976	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2977	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2978	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2979	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2980	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2981	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2982	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2983	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2984	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2985	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2986	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2987	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2988	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2989	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2990	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2991	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2992	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2993	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2994	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2995	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2996	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2997	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2998	Redacted	Redacted	ok	existing_generic	0	1	Redacted
2999	Redacted	Redacted	ok	existing_generic	0	1	Redacted
3000	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3001	#N/A	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**
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
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	0	0	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	1	133	1	1	1	1	1	1	1	1
3001	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3002	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new
3003	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new
3004	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new
3005	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new
3006	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new
3007	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new
3008	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new
3009	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new
3010	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new
3011	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new
3012	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new
3013	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new
3014	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new
3015	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new
3016	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new
3017	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new
3018	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new
3019	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new
3020	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new
3021	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new
3022	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new
3023	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new
3024	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new
3025	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new
3026	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new
3027	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new
3028	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new
3029	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new
3030	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new
3031	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new
3032	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new
3033	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new
3034	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new
3035	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new
3036	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new
3037	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new
3038	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new
3039	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new
3040	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new
3041	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3002	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3003	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3004	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3005	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3006	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3007	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3008	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3009	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3010	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3011	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3012	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3013	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3014	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3015	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3016	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3017	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3018	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3019	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3020	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3021	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3022	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3023	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3024	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3025	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3026	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3027	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3028	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3029	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3030	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3031	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3032	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3033	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3034	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3035	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3036	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3037	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3038	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3039	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3040	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3041	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3002	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3003	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3004	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3005	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3006	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3007	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3008	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3009	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3010	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3011	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3012	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3013	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3014	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3015	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3016	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3017	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3018	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3019	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3020	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3021	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3022	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3023	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3024	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3025	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3026	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3027	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3028	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3029	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3030	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3031	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3032	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3033	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3034	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3035	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3036	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3037	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3038	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3039	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3040	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3041	#N/A	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**
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
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3042	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new
3043	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new
3044	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new
3045	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new
3046	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new
3047	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new
3048	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new
3049	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new
3050	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new
3051	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new
3052	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new
3053	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new
3054	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new
3055	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new
3056	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new
3057	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new
3058	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new
3059	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new
3060	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new
3061	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new
3062	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new
3063	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new
3064	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new
3065	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new
3066	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new
3067	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new
3068	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new
3069	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new
3070	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new
3071	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new
3072	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new
3073	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new
3074	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new
3075	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new
3076	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new
3077	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new
3078	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new
3079	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new
3080	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new
3081	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3042	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3043	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3044	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3045	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3046	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3047	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3048	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3049	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3050	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3051	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3052	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3053	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3054	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3055	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3056	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3057	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3058	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3059	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3060	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3061	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3062	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3063	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3064	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3065	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3066	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3067	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3068	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3069	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3070	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3071	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3072	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3073	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3074	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3075	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3076	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3077	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3078	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3079	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3080	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3081	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3042	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3043	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3044	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3045	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3046	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3047	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3048	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3049	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3050	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3051	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3052	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3053	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3054	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3055	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3056	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3057	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3058	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3059	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3060	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3061	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3062	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3063	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3064	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3065	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3066	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3067	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3068	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3069	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3070	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3071	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3072	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3073	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3074	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3075	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3076	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3077	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3078	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3079	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3080	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3081	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3082	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new
3083	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new
3084	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new
3085	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new
3086	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new
3087	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new
3088	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new
3089	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new
3090	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new
3091	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new
3092	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new
3093	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new
3094	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new
3095	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new
3096	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_new
3097	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new
3098	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new
3099	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new
3100	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new
3101	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new
3102	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new
3103	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new
3104	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new
3105	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new
3106	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new
3107	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new
3108	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new
3109	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new
3110	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new
3111	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new
3112	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new
3113	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new
3114	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new
3115	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new
3116	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new
3117	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new
3118	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new
3119	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new
3120	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new
3121	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3082	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3083	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3084	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3085	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3086	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3087	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3088	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3089	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3090	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3091	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3092	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3093	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3094	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3095	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3096	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3097	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3098	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3099	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3100	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3101	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3102	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3103	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3104	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3105	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3106	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3107	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3108	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3109	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3110	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3111	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3112	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3113	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3114	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3115	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3116	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3117	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3118	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3119	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3120	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3121	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3082	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3083	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3084	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3085	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3086	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3087	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3088	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3089	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3090	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3091	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3092	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3093	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3094	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3095	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3096	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3097	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3098	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3099	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3100	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3101	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3102	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3103	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3104	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3105	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3106	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3107	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3108	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3109	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3110	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3111	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3112	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3113	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3114	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3115	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3116	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3117	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3118	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3119	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3120	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3121	#N/A	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**
3082	0	0	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	1	134	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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3122	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new
3123	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new
3124	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new
3125	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new
3126	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new
3127	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new
3128	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new
3129	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new
3130	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new
3131	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new
3132	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new
3133	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new
3134	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new
3135	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new
3136	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new
3137	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new
3138	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new
3139	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new
3140	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new
3141	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new
3142	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new
3143	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new
3144	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new
3145	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new
3146	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new
3147	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new
3148	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new
3149	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new
3150	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new
3151	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new
3152	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new
3153	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new
3154	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new
3155	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new
3156	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new
3157	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new
3158	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new
3159	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new
3160	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new
3161	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3122	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3123	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3124	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3125	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3126	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3127	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3128	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3129	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3130	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3131	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3132	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3133	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3134	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3135	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3136	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3137	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3138	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3139	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3140	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3141	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3142	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3143	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3144	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3145	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3146	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3147	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3148	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3149	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3150	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3151	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3152	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3153	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3154	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3155	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3156	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3157	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3158	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3159	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3160	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3161	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3122	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3123	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3124	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3125	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3126	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3127	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3128	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3129	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3130	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3131	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3132	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3133	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3134	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3135	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3136	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3137	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3138	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3139	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3140	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3141	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3142	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3143	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3144	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3145	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3146	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3147	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3148	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3149	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3150	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3151	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3152	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3153	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3154	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3155	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3156	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3157	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3158	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3159	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3160	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3161	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3162	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new
3163	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new
3164	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new
3165	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new
3166	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new
3167	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new
3168	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new
3169	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new
3170	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new
3171	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new
3172	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new
3173	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new
3174	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new
3175	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new
3176	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new
3177	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new
3178	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new
3179	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new
3180	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new
3181	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new
3182	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new
3183	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new
3184	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new
3185	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new
3186	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new
3187	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new
3188	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new
3189	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new
3190	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new
3191	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new
3192	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_new
3193	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new
3194	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new
3195	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new
3196	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new
3197	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new
3198	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new
3199	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new
3200	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new
3201	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3162	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3163	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3164	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3165	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3166	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3167	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3168	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3169	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3170	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3171	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3172	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3173	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3174	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3175	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3176	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3177	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3178	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3179	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3180	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3181	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3182	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3183	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3184	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3185	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3186	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3187	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3188	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3189	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3190	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3191	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3192	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3193	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3194	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3195	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3196	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3197	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3198	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3199	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3200	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3201	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3162	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3163	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3164	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3165	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3166	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3167	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3168	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3169	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3170	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3171	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3172	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3173	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3174	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3175	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3176	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3177	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3178	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3179	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3180	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3181	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3182	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3183	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3184	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3185	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3186	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3187	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3188	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3189	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3190	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3191	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3192	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3193	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3194	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3195	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3196	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3197	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3198	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3199	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3200	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3201	#N/A	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**
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
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	1	135	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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3202	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new
3203	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new
3204	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new
3205	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new
3206	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new
3207	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new
3208	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new
3209	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new
3210	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new
3211	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new
3212	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new
3213	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new
3214	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new
3215	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new
3216	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new
3217	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new
3218	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new
3219	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new
3220	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new
3221	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new
3222	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new
3223	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new
3224	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new
3225	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new
3226	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new
3227	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new
3228	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new
3229	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new
3230	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new
3231	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new
3232	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new
3233	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new
3234	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new
3235	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new
3236	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new
3237	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new
3238	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new
3239	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new
3240	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new
3241	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3202	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3203	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3204	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3205	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3206	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3207	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3208	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3209	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3210	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3211	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3212	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3213	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3214	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3215	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3216	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3217	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3218	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3219	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3220	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3221	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3222	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3223	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3224	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3225	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3226	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3227	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3228	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3229	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3230	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3231	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3232	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3233	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3234	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3235	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3236	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3237	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3238	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3239	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3240	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3241	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3202	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3203	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3204	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3205	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3206	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3207	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3208	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3209	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3210	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3211	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3212	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3213	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3214	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3215	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3216	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3217	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3218	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3219	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3220	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3221	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3222	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3223	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3224	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3225	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3226	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3227	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3228	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3229	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3230	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3231	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3232	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3233	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3234	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3235	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3236	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3237	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3238	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3239	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3240	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3241	#N/A	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**
3202	0	0	1	1	1	1	1	1	1	1
3203	0	0	1	1	1	1	1	1	1	1
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3242	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new
3243	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new
3244	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new
3245	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new
3246	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new
3247	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new
3248	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new
3249	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new
3250	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new
3251	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new
3252	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new
3253	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new
3254	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new
3255	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new
3256	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new
3257	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new
3258	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new
3259	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new
3260	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new
3261	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new
3262	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new
3263	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new
3264	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new
3265	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new
3266	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new
3267	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new
3268	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new
3269	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new
3270	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new
3271	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new
3272	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new
3273	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new
3274	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new
3275	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new
3276	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new
3277	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new
3278	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new
3279	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new
3280	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new
3281	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3242	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3243	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3244	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3245	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3246	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3247	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3248	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3249	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3250	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3251	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3252	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3253	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3254	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3255	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3256	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3257	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3258	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3259	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3260	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3261	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3262	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3263	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3264	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3265	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3266	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3267	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3268	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3269	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3270	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3271	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3272	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3273	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3274	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3275	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3276	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3277	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3278	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3279	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3280	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3281	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3242	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3243	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3244	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3245	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3246	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3247	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3248	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3249	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3250	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3251	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3252	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3253	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3254	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3255	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3256	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3257	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3258	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3259	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3260	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3261	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3262	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3263	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3264	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3265	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3266	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3267	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3268	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3269	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3270	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3271	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3272	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3273	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3274	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3275	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3276	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3277	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3278	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3279	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3280	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3281	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3282	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new
3283	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new
3284	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new
3285	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new
3286	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new
3287	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new
3288	SVCEA	existing_generic_nw_hydro	164BE001	2021	1	12.5	Redacted		online
3289	SVCEA	existing_generic_nw_hydro	164BE001	2021	2	12.5	Redacted		online
3290	SVCEA	existing_generic_nw_hydro	164BE001	2021	3	12.5	Redacted		online
3291	SVCEA	existing_generic_nw_hydro	164BE001	2021	4	12.5	Redacted		online
3292	SVCEA	existing_generic_nw_hydro	164BE001	2021	5	12.5	Redacted		online
3293	SVCEA	existing_generic_nw_hydro	164BE001	2021	6	12.5	Redacted		online
3294	SVCEA	existing_generic_nw_hydro	164BE001	2021	7	12.5	Redacted		online
3295	SVCEA	existing_generic_nw_hydro	164BE001	2021	8	12.5	Redacted		online
3296	SVCEA	existing_generic_nw_hydro	164BE001	2021	9	12.5	Redacted		online
3297	SVCEA	existing_generic_nw_hydro	164BE001	2021	10	12.5	Redacted		online
3298	SVCEA	existing_generic_nw_hydro	164BE001	2021	11	12.5	Redacted		online
3299	SVCEA	existing_generic_nw_hydro	164BE001	2021	12	12.5	Redacted		online
3300	SVCEA	blended	164BE003	2021	1	36.5	Redacted		online
3301	SVCEA	blended	164BE003	2021	2	36.5	Redacted		online
3302	SVCEA	blended	164BE003	2021	3	36.5	Redacted		online
3303	SVCEA	blended	164BE003	2021	4	36.5	Redacted		online
3304	SVCEA	blended	164BE003	2021	5	36.5	Redacted		online
3305	SVCEA	blended	164BE003	2021	6	36.5	Redacted		online
3306	SVCEA	blended	164BE003	2021	7	36.5	Redacted		online
3307	SVCEA	blended	164BE003	2021	8	36.5	Redacted		online
3308	SVCEA	blended	164BE003	2021	9	36.5	Redacted		online
3309	SVCEA	blended	164BE003	2021	10	36.5	Redacted		online
3310	SVCEA	blended	164BE003	2021	11	36.5	Redacted		online
3311	SVCEA	blended	164BE003	2021	12	36.5	Redacted		online
3312	SVCEA	existing_generic_nw_hydro	164BE004	2021	1	29.2	Redacted		online
3313	SVCEA	existing_generic_nw_hydro	164BE004	2021	2	29.2	Redacted		online
3314	SVCEA	existing_generic_nw_hydro	164BE004	2021	3	29.2	Redacted		online
3315	SVCEA	existing_generic_nw_hydro	164BE004	2021	4	29.2	Redacted		online
3316	SVCEA	existing_generic_nw_hydro	164BE004	2021	5	29.2	Redacted		online
3317	SVCEA	existing_generic_nw_hydro	164BE004	2021	6	29.2	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3282	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3283	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3284	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3285	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3286	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3287	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0%	1
3288		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	60%	1
3289		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	70%	1
3290		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	73%	1
3291		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	72%	1
3292		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	69%	1
3293		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	74%	1
3294		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	73%	1
3295		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	72%	1
3296		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	71%	1
3297		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	64%	1
3298		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	56%	1
3299		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	64%	1
3300		Redacted	Redacted	blended	1	unknown	unknown_2021_1	0%	1
3301		Redacted	Redacted	blended	1	unknown	unknown_2021_2	0%	1
3302		Redacted	Redacted	blended	1	unknown	unknown_2021_3	0%	1
3303		Redacted	Redacted	blended	1	unknown	unknown_2021_4	0%	1
3304		Redacted	Redacted	blended	1	unknown	unknown_2021_5	0%	1
3305		Redacted	Redacted	blended	1	unknown	unknown_2021_6	0%	1
3306		Redacted	Redacted	blended	1	unknown	unknown_2021_7	0%	1
3307		Redacted	Redacted	blended	1	unknown	unknown_2021_8	0%	1
3308		Redacted	Redacted	blended	1	unknown	unknown_2021_9	0%	1
3309		Redacted	Redacted	blended	1	unknown	unknown_2021_10	0%	1
3310		Redacted	Redacted	blended	1	unknown	unknown_2021_11	0%	1
3311		Redacted	Redacted	blended	1	unknown	unknown_2021_12	0%	1
3312		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	60%	1
3313		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	70%	1
3314		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	73%	1
3315		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	72%	1
3316		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	69%	1
3317		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3282	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3283	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3284	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3285	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3286	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3287	#N/A	Redacted	ok	new_resolve	1	1	Redacted
3288	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3289	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3290	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3291	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3292	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3293	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3294	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3295	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3296	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3297	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3298	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3299	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE001_Large Hydro, WECC Source, NW_Hydro, Exelon
3300	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3301	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3302	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3303	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3304	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3305	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3306	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3307	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3308	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3309	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3310	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3311	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3312	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3313	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3314	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3315	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3316	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3317	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3318	SVCEA	existing_generic_nw_hydro	164BE004	2021	7	29.2	Redacted		online
3319	SVCEA	existing_generic_nw_hydro	164BE004	2021	8	29.2	Redacted		online
3320	SVCEA	existing_generic_nw_hydro	164BE004	2021	9	29.2	Redacted		online
3321	SVCEA	existing_generic_nw_hydro	164BE004	2021	10	29.2	Redacted		online
3322	SVCEA	existing_generic_nw_hydro	164BE004	2021	11	29.2	Redacted		online
3323	SVCEA	existing_generic_nw_hydro	164BE004	2021	12	29.2	Redacted		online
3324	SVCEA	existing_generic_nw_hydro	181BE019	2021	1	16.7	Redacted		online
3325	SVCEA	existing_generic_nw_hydro	181BE019	2021	2	16.7	Redacted		online
3326	SVCEA	existing_generic_nw_hydro	181BE019	2021	3	16.7	Redacted		online
3327	SVCEA	existing_generic_nw_hydro	181BE019	2021	4	16.7	Redacted		online
3328	SVCEA	existing_generic_nw_hydro	181BE019	2021	5	16.7	Redacted		online
3329	SVCEA	existing_generic_nw_hydro	181BE019	2021	6	16.7	Redacted		online
3330	SVCEA	existing_generic_nw_hydro	181BE019	2021	7	16.7	Redacted		online
3331	SVCEA	existing_generic_nw_hydro	181BE019	2021	8	16.7	Redacted		online
3332	SVCEA	existing_generic_nw_hydro	181BE019	2021	9	16.7	Redacted		online
3333	SVCEA	existing_generic_nw_hydro	181BE019	2021	10	16.7	Redacted		online
3334	SVCEA	existing_generic_nw_hydro	181BE019	2021	11	16.7	Redacted		online
3335	SVCEA	existing_generic_nw_hydro	181BE019	2021	12	16.7	Redacted		online
3336	SVCEA	blended	181BE020	2021	1	18.3	Redacted		online
3337	SVCEA	blended	181BE020	2021	2	18.3	Redacted		online
3338	SVCEA	blended	181BE020	2021	3	18.3	Redacted		online
3339	SVCEA	blended	181BE020	2021	4	18.3	Redacted		online
3340	SVCEA	blended	181BE020	2021	5	18.3	Redacted		online
3341	SVCEA	blended	181BE020	2021	6	18.3	Redacted		online
3342	SVCEA	blended	181BE020	2021	7	18.3	Redacted		online
3343	SVCEA	blended	181BE020	2021	8	18.3	Redacted		online
3344	SVCEA	blended	181BE020	2021	9	18.3	Redacted		online
3345	SVCEA	blended	181BE020	2021	10	18.3	Redacted		online
3346	SVCEA	blended	181BE020	2021	11	18.3	Redacted		online
3347	SVCEA	blended	181BE020	2021	12	18.3	Redacted		online
3348	SVCEA	existing_generic_nw_hydro	202BE068	2021	1	12.5	Redacted		online
3349	SVCEA	existing_generic_nw_hydro	202BE068	2021	2	12.5	Redacted		online
3350	SVCEA	existing_generic_nw_hydro	202BE068	2021	3	12.5	Redacted		online
3351	SVCEA	existing_generic_nw_hydro	202BE068	2021	4	12.5	Redacted		online
3352	SVCEA	existing_generic_nw_hydro	202BE068	2021	5	12.5	Redacted		online
3353	SVCEA	existing_generic_nw_hydro	202BE068	2021	6	12.5	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3318		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	73%	1
3319		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	72%	1
3320		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	71%	1
3321		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	64%	1
3322		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	56%	1
3323		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	64%	1
3324		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	60%	1
3325		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	70%	1
3326		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	73%	1
3327		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	72%	1
3328		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	69%	1
3329		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	74%	1
3330		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	73%	1
3331		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	72%	1
3332		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	71%	1
3333		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	64%	1
3334		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	56%	1
3335		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	64%	1
3336		Redacted	Redacted	blended	1	unknown	unknown_2021_1	0%	1
3337		Redacted	Redacted	blended	1	unknown	unknown_2021_2	0%	1
3338		Redacted	Redacted	blended	1	unknown	unknown_2021_3	0%	1
3339		Redacted	Redacted	blended	1	unknown	unknown_2021_4	0%	1
3340		Redacted	Redacted	blended	1	unknown	unknown_2021_5	0%	1
3341		Redacted	Redacted	blended	1	unknown	unknown_2021_6	0%	1
3342		Redacted	Redacted	blended	1	unknown	unknown_2021_7	0%	1
3343		Redacted	Redacted	blended	1	unknown	unknown_2021_8	0%	1
3344		Redacted	Redacted	blended	1	unknown	unknown_2021_9	0%	1
3345		Redacted	Redacted	blended	1	unknown	unknown_2021_10	0%	1
3346		Redacted	Redacted	blended	1	unknown	unknown_2021_11	0%	1
3347		Redacted	Redacted	blended	1	unknown	unknown_2021_12	0%	1
3348		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	60%	1
3349		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	70%	1
3350		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	73%	1
3351		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	72%	1
3352		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	69%	1
3353		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3318	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3319	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3320	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3321	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3322	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3323	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3324	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3325	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3326	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3327	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3328	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3329	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3330	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3331	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3332	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3333	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3334	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3335	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3336	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3337	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3338	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3339	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3340	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3341	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3342	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3343	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3344	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3345	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3346	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3347	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3348	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3349	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3350	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3351	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3352	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3353	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid

	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3354	SVCEA	existing_generic_nw_hydro	202BE068	2021	7	12.5	Redacted		online
3355	SVCEA	existing_generic_nw_hydro	202BE068	2021	8	12.5	Redacted		online
3356	SVCEA	existing_generic_nw_hydro	202BE068	2021	9	12.5	Redacted		online
3357	SVCEA	existing_generic_nw_hydro	202BE068	2021	10	12.5	Redacted		online
3358	SVCEA	existing_generic_nw_hydro	202BE068	2021	11	12.5	Redacted		online
3359	SVCEA	existing_generic_nw_hydro	202BE068	2021	12	12.5	Redacted		online
3360	SVCEA	blended	181BE020	2022	1	18.3	Redacted		online
3361	SVCEA	blended	181BE020	2022	2	18.3	Redacted		online
3362	SVCEA	blended	181BE020	2022	3	18.3	Redacted		online
3363	SVCEA	blended	181BE020	2022	4	18.3	Redacted		online
3364	SVCEA	blended	181BE020	2022	5	18.3	Redacted		online
3365	SVCEA	blended	181BE020	2022	6	18.3	Redacted		online
3366	SVCEA	blended	181BE020	2022	7	18.3	Redacted		online
3367	SVCEA	blended	181BE020	2022	8	18.3	Redacted		online
3368	SVCEA	blended	181BE020	2022	9	18.3	Redacted		online
3369	SVCEA	blended	181BE020	2022	10	18.3	Redacted		online
3370	SVCEA	blended	181BE020	2022	11	18.3	Redacted		online
3371	SVCEA	blended	181BE020	2022	12	18.3	Redacted		online
3372	SVCEA	blended	181BE020	2023	1	18.3	Redacted		online
3373	SVCEA	blended	181BE020	2023	2	18.3	Redacted		online
3374	SVCEA	blended	181BE020	2023	3	18.3	Redacted		online
3375	SVCEA	blended	181BE020	2023	4	18.3	Redacted		online
3376	SVCEA	blended	181BE020	2023	5	18.3	Redacted		online
3377	SVCEA	blended	181BE020	2023	6	18.3	Redacted		online
3378	SVCEA	blended	181BE020	2023	7	18.3	Redacted		online
3379	SVCEA	blended	181BE020	2023	8	18.3	Redacted		online
3380	SVCEA	blended	181BE020	2023	9	18.3	Redacted		online
3381	SVCEA	blended	181BE020	2023	10	18.3	Redacted		online
3382	SVCEA	blended	181BE020	2023	11	18.3	Redacted		online
3383	SVCEA	blended	181BE020	2023	12	18.3	Redacted		online
3384	SVCEA	blended	164BE003	2020	1	36.50	Redacted		online
3385	SVCEA	blended	164BE003	2020	2	36.50	Redacted		online
3386	SVCEA	blended	164BE003	2020	3	36.50	Redacted		online
3387	SVCEA	blended	164BE003	2020	4	36.50	Redacted		online
3388	SVCEA	blended	164BE003	2020	5	36.50	Redacted		online
3389	SVCEA	blended	164BE003	2020	6	36.50	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3354		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	73%	1
3355		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	72%	1
3356		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	71%	1
3357		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	64%	1
3358		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	56%	1
3359		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	64%	1
3360		Redacted	Redacted	blended	1	unknown	unknown_2022_1	0%	1
3361		Redacted	Redacted	blended	1	unknown	unknown_2022_2	0%	1
3362		Redacted	Redacted	blended	1	unknown	unknown_2022_3	0%	1
3363		Redacted	Redacted	blended	1	unknown	unknown_2022_4	0%	1
3364		Redacted	Redacted	blended	1	unknown	unknown_2022_5	0%	1
3365		Redacted	Redacted	blended	1	unknown	unknown_2022_6	0%	1
3366		Redacted	Redacted	blended	1	unknown	unknown_2022_7	0%	1
3367		Redacted	Redacted	blended	1	unknown	unknown_2022_8	0%	1
3368		Redacted	Redacted	blended	1	unknown	unknown_2022_9	0%	1
3369		Redacted	Redacted	blended	1	unknown	unknown_2022_10	0%	1
3370		Redacted	Redacted	blended	1	unknown	unknown_2022_11	0%	1
3371		Redacted	Redacted	blended	1	unknown	unknown_2022_12	0%	1
3372		Redacted	Redacted	blended	1	unknown	unknown_2023_1	0%	1
3373		Redacted	Redacted	blended	1	unknown	unknown_2023_2	0%	1
3374		Redacted	Redacted	blended	1	unknown	unknown_2023_3	0%	1
3375		Redacted	Redacted	blended	1	unknown	unknown_2023_4	0%	1
3376		Redacted	Redacted	blended	1	unknown	unknown_2023_5	0%	1
3377		Redacted	Redacted	blended	1	unknown	unknown_2023_6	0%	1
3378		Redacted	Redacted	blended	1	unknown	unknown_2023_7	0%	1
3379		Redacted	Redacted	blended	1	unknown	unknown_2023_8	0%	1
3380		Redacted	Redacted	blended	1	unknown	unknown_2023_9	0%	1
3381		Redacted	Redacted	blended	1	unknown	unknown_2023_10	0%	1
3382		Redacted	Redacted	blended	1	unknown	unknown_2023_11	0%	1
3383		Redacted	Redacted	blended	1	unknown	unknown_2023_12	0%	1
3384		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3385		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3386		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3387		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3388		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3389		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3354	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3355	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3356	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3357	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3358	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3359	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_nw_hydro_202BE068_Large Hydro, WECC Source, NW_Hydro, Avangrid
3360	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3361	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3362	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3363	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3364	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3365	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3366	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3367	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3368	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3369	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3370	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3371	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3372	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3373	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3374	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3375	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3376	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3377	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3378	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3379	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3380	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3381	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3382	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3383	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3384	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3385	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3386	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3387	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3388	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3389	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, 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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3390	SVCEA	blended	164BE003	2020	7	36.50	Redacted		online
3391	SVCEA	blended	164BE003	2020	8	36.50	Redacted		online
3392	SVCEA	blended	164BE003	2020	9	36.50	Redacted		online
3393	SVCEA	blended	164BE003	2020	10	36.50	Redacted		online
3394	SVCEA	blended	164BE003	2020	11	36.50	Redacted		online
3395	SVCEA	blended	164BE003	2020	12	36.50	Redacted		online
3396	SVCEA	blended	164BE003	2020	1	36.50	Redacted		online
3397	SVCEA	blended	164BE003	2020	2	36.50	Redacted		online
3398	SVCEA	blended	164BE003	2020	3	36.50	Redacted		online
3399	SVCEA	blended	164BE003	2020	4	36.50	Redacted		online
3400	SVCEA	blended	164BE003	2020	5	36.50	Redacted		online
3401	SVCEA	blended	164BE003	2020	6	36.50	Redacted		online
3402	SVCEA	blended	164BE003	2020	7	36.50	Redacted		online
3403	SVCEA	blended	164BE003	2020	8	36.50	Redacted		online
3404	SVCEA	blended	164BE003	2020	9	36.50	Redacted		online
3405	SVCEA	blended	164BE003	2020	10	36.50	Redacted		online
3406	SVCEA	blended	164BE003	2020	11	36.50	Redacted		online
3407	SVCEA	blended	164BE003	2020	12	36.50	Redacted		online
3408	SVCEA	blended	181BE020	2020	1	18.25	Redacted		online
3409	SVCEA	blended	181BE020	2020	2	18.25	Redacted		online
3410	SVCEA	blended	181BE020	2020	3	18.25	Redacted		online
3411	SVCEA	blended	181BE020	2020	4	18.25	Redacted		online
3412	SVCEA	blended	181BE020	2020	5	18.25	Redacted		online
3413	SVCEA	blended	181BE020	2020	6	18.25	Redacted		online
3414	SVCEA	blended	181BE020	2020	7	18.25	Redacted		online
3415	SVCEA	blended	181BE020	2020	8	18.25	Redacted		online
3416	SVCEA	blended	181BE020	2020	9	18.25	Redacted		online
3417	SVCEA	blended	181BE020	2020	10	18.25	Redacted		online
3418	SVCEA	blended	181BE020	2020	11	18.25	Redacted		online
3419	SVCEA	blended	181BE020	2020	12	18.25	Redacted		online
3420	SVCEA	blended	164BE004	2020	1	29.17	Redacted		online
3421	SVCEA	blended	164BE004	2020	2	29.17	Redacted		online
3422	SVCEA	blended	164BE004	2020	3	29.17	Redacted		online
3423	SVCEA	blended	164BE004	2020	4	29.17	Redacted		online
3424	SVCEA	blended	164BE004	2020	5	29.17	Redacted		online
3425	SVCEA	blended	164BE004	2020	6	29.17	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3390		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3391		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3392		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3393		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3394		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3395		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3396		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3397		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3398		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3399		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3400		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3401		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3402		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3403		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3404		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3405		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3406		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3407		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3408		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3409		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3410		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3411		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3412		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3413		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3414		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3415		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3416		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3417		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3418		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3419		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3420		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3421		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3422		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3423		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3424		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3425		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3390	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3391	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3392	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3393	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3394	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3395	#N/A	Redacted	ok	special	1	0	blended_164BE003_Large Hydro, WECC Source, NW_Hydro, SENA
3396	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3397	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3398	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3399	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3400	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3401	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3402	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3403	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3404	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3405	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3406	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3407	#N/A	Redacted	ok	special	1	0	blended_164BE003_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3408	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3409	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3410	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3411	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3412	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3413	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3414	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3415	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3416	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3417	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3418	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3419	#N/A	Redacted	ok	special	1	0	blended_181BE020_Colgate Powerhouse, Narrows 2 Powerhouse, In-State Large Hydro
3420	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3421	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3422	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3423	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3424	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3425	#N/A	Redacted	ok	special	1	0	blended_164BE004_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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3426	SVCEA	blended	164BE004	2020	7	29.17	Redacted		online
3427	SVCEA	blended	164BE004	2020	8	29.17	Redacted		online
3428	SVCEA	blended	164BE004	2020	9	29.17	Redacted		online
3429	SVCEA	blended	164BE004	2020	10	29.17	Redacted		online
3430	SVCEA	blended	164BE004	2020	11	29.17	Redacted		online
3431	SVCEA	blended	164BE004	2020	12	29.17	Redacted		online
3432	SVCEA	blended	181BE019	2020	1	12.50	Redacted		online
3433	SVCEA	blended	181BE019	2020	2	12.50	Redacted		online
3434	SVCEA	blended	181BE019	2020	3	12.50	Redacted		online
3435	SVCEA	blended	181BE019	2020	4	12.50	Redacted		online
3436	SVCEA	blended	181BE019	2020	5	12.50	Redacted		online
3437	SVCEA	blended	181BE019	2020	6	12.50	Redacted		online
3438	SVCEA	blended	181BE019	2020	7	12.50	Redacted		online
3439	SVCEA	blended	181BE019	2020	8	12.50	Redacted		online
3440	SVCEA	blended	181BE019	2020	9	12.50	Redacted		online
3441	SVCEA	blended	181BE019	2020	10	12.50	Redacted		online
3442	SVCEA	blended	181BE019	2020	11	12.50	Redacted		online
3443	SVCEA	blended	181BE019	2020	12	12.50	Redacted		online
3444	SVCEA	blended	201BE059	2020	1	14.33	Redacted		online
3445	SVCEA	blended	201BE059	2020	2	14.33	Redacted		online
3446	SVCEA	blended	201BE059	2020	3	14.33	Redacted		online
3447	SVCEA	blended	201BE059	2020	4	14.33	Redacted		online
3448	SVCEA	blended	201BE059	2020	5	14.33	Redacted		online
3449	SVCEA	blended	201BE059	2020	6	14.33	Redacted		online
3450	SVCEA	blended	201BE059	2020	7	14.33	Redacted		online
3451	SVCEA	blended	201BE059	2020	8	14.33	Redacted		online
3452	SVCEA	blended	201BE059	2020	9	14.33	Redacted		online
3453	SVCEA	blended	201BE059	2020	10	14.33	Redacted		online
3454	SVCEA	blended	201BE059	2020	11	14.33	Redacted		online
3455	SVCEA	blended	201BE059	2020	12	14.33	Redacted		online
3456	SVCEA	blended	201BE059	2020	1	0.14	Redacted		online
3457	SVCEA	blended	201BE059	2020	2	0.14	Redacted		online
3458	SVCEA	blended	201BE059	2020	3	0.14	Redacted		online
3459	SVCEA	blended	201BE059	2020	4	0.14	Redacted		online
3460	SVCEA	blended	201BE059	2020	5	0.14	Redacted		online
3461	SVCEA	blended	201BE059	2020	6	0.14	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3426		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3427		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3428		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3429		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3430		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3431		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3432		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3433		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3434		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3435		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3436		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3437		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3438		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3439		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3440		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3441		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3442		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3443		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3444		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3445		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3446		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3447		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3448		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3449		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3450		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3451		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3452		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3453		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3454		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3455		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3456		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3457		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3458		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3459		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3460		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3461		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3426	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3427	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3428	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3429	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3430	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3431	#N/A	Redacted	ok	special	1	0	blended_164BE004_Large Hydro, WECC Source, NW_Hydro, MSCG
3432	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3433	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3434	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3435	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3436	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3437	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3438	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3439	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3440	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3441	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3442	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3443	#N/A	Redacted	ok	special	1	0	blended_181BE019_Large Hydro, WECC Source, NW_Hydro, MSCG
3444	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3445	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3446	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3447	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3448	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3449	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3450	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3451	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3452	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3453	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3454	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3455	#N/A	Redacted	ok	special	1	0	blended_201BE059_Large Hydro, ACS, NW_Hydro, BPA
3456	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3457	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3458	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3459	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3460	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3461	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3462	SVCEA	blended	201BE059	2020	7	0.14	Redacted		online
3463	SVCEA	blended	201BE059	2020	8	0.14	Redacted		online
3464	SVCEA	blended	201BE059	2020	9	0.14	Redacted		online
3465	SVCEA	blended	201BE059	2020	10	0.14	Redacted		online
3466	SVCEA	blended	201BE059	2020	11	0.14	Redacted		online
3467	SVCEA	blended	201BE059	2020	12	0.14	Redacted		online
3468	SVCEA	blended	201BE059	2020	1	0.12	Redacted		online
3469	SVCEA	blended	201BE059	2020	2	0.12	Redacted		online
3470	SVCEA	blended	201BE059	2020	3	0.12	Redacted		online
3471	SVCEA	blended	201BE059	2020	4	0.12	Redacted		online
3472	SVCEA	blended	201BE059	2020	5	0.12	Redacted		online
3473	SVCEA	blended	201BE059	2020	6	0.12	Redacted		online
3474	SVCEA	blended	201BE059	2020	7	0.12	Redacted		online
3475	SVCEA	blended	201BE059	2020	8	0.12	Redacted		online
3476	SVCEA	blended	201BE059	2020	9	0.12	Redacted		online
3477	SVCEA	blended	201BE059	2020	10	0.12	Redacted		online
3478	SVCEA	blended	201BE059	2020	11	0.12	Redacted		online
3479	SVCEA	blended	201BE059	2020	12	0.12	Redacted		online
3480	SVCEA	blended	201BE059	2020	1	1.785	Redacted		online
3481	SVCEA	blended	201BE059	2020	2	1.785	Redacted		online
3482	SVCEA	blended	201BE059	2020	3	1.785	Redacted		online
3483	SVCEA	blended	201BE059	2020	4	1.785	Redacted		online
3484	SVCEA	blended	201BE059	2020	5	1.785	Redacted		online
3485	SVCEA	blended	201BE059	2020	6	1.785	Redacted		online
3486	SVCEA	blended	201BE059	2020	7	1.785	Redacted		online
3487	SVCEA	blended	201BE059	2020	8	1.785	Redacted		online
3488	SVCEA	blended	201BE059	2020	9	1.785	Redacted		online
3489	SVCEA	blended	201BE059	2020	10	1.785	Redacted		online
3490	SVCEA	blended	201BE059	2020	11	1.785	Redacted		online
3491	SVCEA	blended	201BE059	2020	12	1.785	Redacted		online
3492	SVCEA	blended	201BE061	2020	1	9.512	Redacted		online
3493	SVCEA	blended	201BE061	2020	2	9.512	Redacted		online
3494	SVCEA	blended	201BE061	2020	3	9.512	Redacted		online
3495	SVCEA	blended	201BE061	2020	4	9.512	Redacted		online
3496	SVCEA	blended	201BE061	2020	5	9.512	Redacted		online
3497	SVCEA	blended	201BE061	2020	6	9.512	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3462		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3463		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3464		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3465		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3466		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3467		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3468		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3469		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3470		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3471		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3472		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3473		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3474		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3475		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3476		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3477		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3478		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3479		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3480		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3481		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3482		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3483		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3484		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3485		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3486		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3487		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3488		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3489		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3490		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3491		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3492		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3493		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3494		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3495		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3496		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3497		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3462	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3463	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3464	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3465	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3466	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3467	#N/A	Redacted	ok	special	1	0	blended_201BE059_Wind, ACS, NW_Wind, BPA
3468	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3469	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3470	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3471	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3472	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3473	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3474	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3475	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3476	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3477	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3478	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3479	#N/A	Redacted	ok	special	1	0	blended_201BE059_Small Hydro, ACS, NW_Small Hydro, BPA
3480	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3481	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3482	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3483	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3484	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3485	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3486	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3487	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3488	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3489	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3490	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3491	#N/A	Redacted	ok	special	1	0	blended_201BE059_Nuclear, ACS, NW_Nuclear, BPA
3492	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3493	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3494	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3495	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3496	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3497	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3498	SVCEA	blended	201BE061	2020	7	9.512	Redacted		online
3499	SVCEA	blended	201BE061	2020	8	9.512	Redacted		online
3500	SVCEA	blended	201BE061	2020	9	9.512	Redacted		online
3501	SVCEA	blended	201BE061	2020	10	9.512	Redacted		online
3502	SVCEA	blended	201BE061	2020	11	9.512	Redacted		online
3503	SVCEA	blended	201BE061	2020	12	9.512	Redacted		online
3504	SVCEA	blended	201BE061	2020	1	0.098	Redacted		online
3505	SVCEA	blended	201BE061	2020	2	0.098	Redacted		online
3506	SVCEA	blended	201BE061	2020	3	0.098	Redacted		online
3507	SVCEA	blended	201BE061	2020	4	0.098	Redacted		online
3508	SVCEA	blended	201BE061	2020	5	0.098	Redacted		online
3509	SVCEA	blended	201BE061	2020	6	0.098	Redacted		online
3510	SVCEA	blended	201BE061	2020	7	0.098	Redacted		online
3511	SVCEA	blended	201BE061	2020	8	0.098	Redacted		online
3512	SVCEA	blended	201BE061	2020	9	0.098	Redacted		online
3513	SVCEA	blended	201BE061	2020	10	0.098	Redacted		online
3514	SVCEA	blended	201BE061	2020	11	0.098	Redacted		online
3515	SVCEA	blended	201BE061	2020	12	0.098	Redacted		online
3516	SVCEA	blended	201BE061	2020	1	0.833	Redacted		online
3517	SVCEA	blended	201BE061	2020	2	0.833	Redacted		online
3518	SVCEA	blended	201BE061	2020	3	0.833	Redacted		online
3519	SVCEA	blended	201BE061	2020	4	0.833	Redacted		online
3520	SVCEA	blended	201BE061	2020	5	0.833	Redacted		online
3521	SVCEA	blended	201BE061	2020	6	0.833	Redacted		online
3522	SVCEA	blended	201BE061	2020	7	0.833	Redacted		online
3523	SVCEA	blended	201BE061	2020	8	0.833	Redacted		online
3524	SVCEA	blended	201BE061	2020	9	0.833	Redacted		online
3525	SVCEA	blended	201BE061	2020	10	0.833	Redacted		online
3526	SVCEA	blended	201BE061	2020	11	0.833	Redacted		online
3527	SVCEA	blended	201BE061	2020	12	0.833	Redacted		online
3528	SVCEA	blended	201BE059	2020	1	0.002	Redacted		online
3529	SVCEA	blended	201BE059	2020	2	0.002	Redacted		online
3530	SVCEA	blended	201BE059	2020	3	0.002	Redacted		online
3531	SVCEA	blended	201BE059	2020	4	0.002	Redacted		online
3532	SVCEA	blended	201BE059	2020	5	0.002	Redacted		online
3533	SVCEA	blended	201BE059	2020	6	0.002	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3498		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3499		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3500		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3501		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3502		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3503		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3504		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3505		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3506		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3507		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3508		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3509		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3510		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3511		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3512		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3513		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3514		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3515		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3516		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3517		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3518		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3519		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3520		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3521		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3522		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3523		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3524		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3525		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3526		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3527		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3528		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3529		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3530		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3531		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3532		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3533		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3498	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3499	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3500	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3501	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3502	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3503	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, ACS, NW_Hydro, Powerex
3504	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3505	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3506	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3507	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3508	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3509	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3510	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3511	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3512	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3513	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3514	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3515	#N/A	Redacted	ok	special	1	0	blended_201BE061_Nuclear, ACS, NW_Nuclear, Powerex
3516	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3517	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3518	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3519	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3520	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3521	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3522	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3523	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3524	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3525	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3526	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3527	#N/A	Redacted	ok	special	1	0	blended_201BE061_Large Hydro, NW_Hydro, Powerex
3528	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3529	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3530	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3531	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3532	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3533	#N/A	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**
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
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
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3534	SVCEA	blended	201BE059	2020	7	0.002	Redacted		online
3535	SVCEA	blended	201BE059	2020	8	0.002	Redacted		online
3536	SVCEA	blended	201BE059	2020	9	0.002	Redacted		online
3537	SVCEA	blended	201BE059	2020	10	0.002	Redacted		online
3538	SVCEA	blended	201BE059	2020	11	0.002	Redacted		online
3539	SVCEA	blended	201BE059	2020	12	0.002	Redacted		online
3540	SVCEA	blended	201BE059	2020	1	0.461	Redacted		online
3541	SVCEA	blended	201BE059	2020	2	0.461	Redacted		online
3542	SVCEA	blended	201BE059	2020	3	0.461	Redacted		online
3543	SVCEA	blended	201BE059	2020	4	0.461	Redacted		online
3544	SVCEA	blended	201BE059	2020	5	0.461	Redacted		online
3545	SVCEA	blended	201BE059	2020	6	0.461	Redacted		online
3546	SVCEA	blended	201BE059	2020	7	0.461	Redacted		online
3547	SVCEA	blended	201BE059	2020	8	0.461	Redacted		online
3548	SVCEA	blended	201BE059	2020	9	0.461	Redacted		online
3549	SVCEA	blended	201BE059	2020	10	0.461	Redacted		online
3550	SVCEA	blended	201BE059	2020	11	0.461	Redacted		online
3551	SVCEA	blended	201BE059	2020	12	0.461	Redacted		online
3552	SVCEA	blended	201BE061	2020	1	0.152	Redacted		online
3553	SVCEA	blended	201BE061	2020	2	0.152	Redacted		online
3554	SVCEA	blended	201BE061	2020	3	0.152	Redacted		online
3555	SVCEA	blended	201BE061	2020	4	0.152	Redacted		online
3556	SVCEA	blended	201BE061	2020	5	0.152	Redacted		online
3557	SVCEA	blended	201BE061	2020	6	0.152	Redacted		online
3558	SVCEA	blended	201BE061	2020	7	0.152	Redacted		online
3559	SVCEA	blended	201BE061	2020	8	0.152	Redacted		online
3560	SVCEA	blended	201BE061	2020	9	0.152	Redacted		online
3561	SVCEA	blended	201BE061	2020	10	0.152	Redacted		online
3562	SVCEA	blended	201BE061	2020	11	0.152	Redacted		online
3563	SVCEA	blended	201BE061	2020	12	0.152	Redacted		online
3564	SVCEA	blended	201BE061	2020	1	0.639	Redacted		online
3565	SVCEA	blended	201BE061	2020	2	0.639	Redacted		online
3566	SVCEA	blended	201BE061	2020	3	0.639	Redacted		online
3567	SVCEA	blended	201BE061	2020	4	0.639	Redacted		online
3568	SVCEA	blended	201BE061	2020	5	0.639	Redacted		online
3569	SVCEA	blended	201BE061	2020	6	0.639	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3534		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3535		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3536		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3537		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3538		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3539		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3540		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3541		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3542		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3543		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3544		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3545		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3546		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3547		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3548		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3549		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3550		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3551		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3552		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3553		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3554		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3555		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3556		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3557		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3558		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3559		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3560		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3561		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3562		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3563		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3564		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3565		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3566		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3567		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3568		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3569		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3534	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3535	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3536	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3537	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3538	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3539	#N/A	Redacted	ok	special	1	0	blended_201BE059_Natural Gas, ACS, NW_Natural Gas, BPA
3540	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3541	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3542	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3543	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3544	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3545	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3546	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3547	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3548	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3549	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3550	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3551	#N/A	Redacted	ok	special	1	0	blended_201BE059_Unspecified, ACS, NW_Unspecified, BPA
3552	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3553	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3554	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3555	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3556	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3557	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3558	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3559	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3560	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3561	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3562	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3563	#N/A	Redacted	ok	special	1	0	blended_201BE061_Natural Gas, ACS, NW_Natural Gas, Powerex
3564	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3565	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3566	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3567	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3568	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3569	#N/A	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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3570	SVCEA	blended	201BE061	2020	7	0.639	Redacted		online
3571	SVCEA	blended	201BE061	2020	8	0.639	Redacted		online
3572	SVCEA	blended	201BE061	2020	9	0.639	Redacted		online
3573	SVCEA	blended	201BE061	2020	10	0.639	Redacted		online
3574	SVCEA	blended	201BE061	2020	11	0.639	Redacted		online
3575	SVCEA	blended	201BE061	2020	12	0.639	Redacted		online
3576	SVCEA	blended	201BE061	2020	1	0.433	Redacted		online
3577	SVCEA	blended	201BE061	2020	2	0.433	Redacted		online
3578	SVCEA	blended	201BE061	2020	3	0.433	Redacted		online
3579	SVCEA	blended	201BE061	2020	4	0.433	Redacted		online
3580	SVCEA	blended	201BE061	2020	5	0.433	Redacted		online
3581	SVCEA	blended	201BE061	2020	6	0.433	Redacted		online
3582	SVCEA	blended	201BE061	2020	7	0.433	Redacted		online
3583	SVCEA	blended	201BE061	2020	8	0.433	Redacted		online
3584	SVCEA	blended	201BE061	2020	9	0.433	Redacted		online
3585	SVCEA	blended	201BE061	2020	10	0.433	Redacted		online
3586	SVCEA	blended	201BE061	2020	11	0.433	Redacted		online
3587	SVCEA	blended	201BE061	2020	12	0.433	Redacted		online
3588	SVCEA	blended	164BE003	2020	1	20.8	Redacted		online
3589	SVCEA	blended	164BE003	2020	2	20.8	Redacted		online
3590	SVCEA	blended	164BE003	2020	3	20.8	Redacted		online
3591	SVCEA	blended	164BE003	2020	4	20.8	Redacted		online
3592	SVCEA	blended	164BE003	2020	5	20.8	Redacted		online
3593	SVCEA	blended	164BE003	2020	6	20.8	Redacted		online
3594	SVCEA	blended	164BE003	2020	7	20.8	Redacted		online
3595	SVCEA	blended	164BE003	2020	8	20.8	Redacted		online
3596	SVCEA	blended	164BE003	2020	9	20.8	Redacted		online
3597	SVCEA	blended	164BE003	2020	10	20.8	Redacted		online
3598	SVCEA	blended	164BE003	2020	11	20.8	Redacted		online
3599	SVCEA	blended	164BE003	2020	12	20.8	Redacted		online
3600	SVCEA	blended	164BE005	2020	1	5.3	Redacted		online
3601	SVCEA	blended	164BE005	2020	2	5.3	Redacted		online
3602	SVCEA	blended	164BE005	2020	3	5.3	Redacted		online
3603	SVCEA	blended	164BE005	2020	4	5.3	Redacted		online
3604	SVCEA	blended	164BE005	2020	5	5.3	Redacted		online
3605	SVCEA	blended	164BE005	2020	6	5.3	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3570		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3571		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3572		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3573		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3574		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3575		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3576		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3577		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3578		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3579		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3580		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3581		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3582		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3583		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3584		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3585		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3586		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3587		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3588		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3589		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3590		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3591		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3592		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3593		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3594		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3595		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3596		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3597		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3598		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3599		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3600		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3601		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3602		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3603		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3604		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3605		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3570	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3571	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3572	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3573	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3574	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3575	#N/A	Redacted	ok	special	1	0	blended_201BE061_Unspecified, ACS, NW_Unspecified, Powerex
3576	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3577	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3578	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3579	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3580	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3581	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3582	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3583	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3584	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3585	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3586	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3587	#N/A	Redacted	ok	special	1	0	blended_201BE061_Other, ACS, NW_Other, Powerex
3588	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3589	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3590	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3591	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3592	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3593	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3594	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3595	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3596	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3597	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3598	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3599	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3600	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3601	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3602	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3603	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3604	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3605	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, 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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3606	SVCEA	blended	164BE005	2020	7	5.3	Redacted		online
3607	SVCEA	blended	164BE005	2020	8	5.3	Redacted		online
3608	SVCEA	blended	164BE005	2020	9	5.3	Redacted		online
3609	SVCEA	blended	164BE005	2020	10	5.3	Redacted		online
3610	SVCEA	blended	164BE005	2020	11	5.3	Redacted		online
3611	SVCEA	blended	164BE005	2020	12	5.3	Redacted		online
3612	SVCEA	blended	164BE007	2020	1	12.5	Redacted		online
3613	SVCEA	blended	164BE007	2020	2	12.5	Redacted		online
3614	SVCEA	blended	164BE007	2020	3	12.5	Redacted		online
3615	SVCEA	blended	164BE007	2020	4	12.5	Redacted		online
3616	SVCEA	blended	164BE007	2020	5	12.5	Redacted		online
3617	SVCEA	blended	164BE007	2020	6	12.5	Redacted		online
3618	SVCEA	blended	164BE007	2020	7	12.5	Redacted		online
3619	SVCEA	blended	164BE007	2020	8	12.5	Redacted		online
3620	SVCEA	blended	164BE007	2020	9	12.5	Redacted		online
3621	SVCEA	blended	164BE007	2020	10	12.5	Redacted		online
3622	SVCEA	blended	164BE007	2020	11	12.5	Redacted		online
3623	SVCEA	blended	164BE007	2020	12	12.5	Redacted		online
3624	SVCEA	transfer_purchase	182BE021	2020	1	33.3	Redacted		online
3625	SVCEA	transfer_purchase	182BE021	2020	2	33.3	Redacted		online
3626	SVCEA	transfer_purchase	182BE021	2020	3	33.3	Redacted		online
3627	SVCEA	transfer_purchase	182BE021	2020	4	33.3	Redacted		online
3628	SVCEA	transfer_purchase	182BE021	2020	5	33.3	Redacted		online
3629	SVCEA	transfer_purchase	182BE021	2020	6	33.3	Redacted		online
3630	SVCEA	transfer_purchase	182BE021	2020	7	33.3	Redacted		online
3631	SVCEA	transfer_purchase	182BE021	2020	8	33.3	Redacted		online
3632	SVCEA	transfer_purchase	182BE021	2020	9	33.3	Redacted		online
3633	SVCEA	transfer_purchase	182BE021	2020	10	33.3	Redacted		online
3634	SVCEA	transfer_purchase	182BE021	2020	11	33.3	Redacted		online
3635	SVCEA	transfer_purchase	182BE021	2020	12	33.3	Redacted		online
3636	SVCEA	existing_generic_wind	191BE029	2020	1	14.6	Redacted		online
3637	SVCEA	existing_generic_wind	191BE029	2020	2	14.6	Redacted		online
3638	SVCEA	existing_generic_wind	191BE029	2020	3	14.6	Redacted		online
3639	SVCEA	existing_generic_wind	191BE029	2020	4	14.6	Redacted		online
3640	SVCEA	existing_generic_wind	191BE029	2020	5	14.6	Redacted		online
3641	SVCEA	existing_generic_wind	191BE029	2020	6	14.6	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3606		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3607		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3608		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3609		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3610		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3611		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3612		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3613		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3614		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3615		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3616		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3617		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3618		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3619		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3620		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3621		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3622		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3623		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3624		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_1	0%	1
3625		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_2	0%	1
3626		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_3	0%	1
3627		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_4	0%	1
3628		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_5	0%	1
3629		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_6	0%	1
3630		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_7	0%	1
3631		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0%	1
3632		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_9	0%	1
3633		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_10	0%	1
3634		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_11	0%	1
3635		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_12	0%	1
3636		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_1	14%	1
3637		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_2	12%	1
3638		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_3	28%	1
3639		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_4	25%	1
3640		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_5	25%	1
3641		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	33%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3606	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3607	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3608	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3609	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3610	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3611	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3612	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3613	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3614	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3615	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3616	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3617	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3618	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3619	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3620	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3621	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3622	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3623	#N/A	Redacted	ok	special	1	0	blended_164BE007_blended, PCC1 Short-Term RPS, Direct Energy
3624	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3625	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3626	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3627	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3628	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3629	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3630	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3631	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3632	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3633	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3634	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3635	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3636	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3637	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3638	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3639	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3640	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3641	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, 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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3642	SVCEA	existing_generic_wind	191BE029	2020	7	14.6	Redacted		online
3643	SVCEA	existing_generic_wind	191BE029	2020	8	14.6	Redacted		online
3644	SVCEA	existing_generic_wind	191BE029	2020	9	14.6	Redacted		online
3645	SVCEA	existing_generic_wind	191BE029	2020	10	14.6	Redacted		online
3646	SVCEA	existing_generic_wind	191BE029	2020	11	14.6	Redacted		online
3647	SVCEA	existing_generic_wind	191BE029	2020	12	14.6	Redacted		online
3648	SVCEA	transfer_purchase	192BE038	2020	1	16.7	Redacted		online
3649	SVCEA	transfer_purchase	192BE038	2020	2	16.7	Redacted		online
3650	SVCEA	transfer_purchase	192BE038	2020	3	16.7	Redacted		online
3651	SVCEA	transfer_purchase	192BE038	2020	4	16.7	Redacted		online
3652	SVCEA	transfer_purchase	192BE038	2020	5	16.7	Redacted		online
3653	SVCEA	transfer_purchase	192BE038	2020	6	16.7	Redacted		online
3654	SVCEA	transfer_purchase	192BE038	2020	7	16.7	Redacted		online
3655	SVCEA	transfer_purchase	192BE038	2020	8	16.7	Redacted		online
3656	SVCEA	transfer_purchase	192BE038	2020	9	16.7	Redacted		online
3657	SVCEA	transfer_purchase	192BE038	2020	10	16.7	Redacted		online
3658	SVCEA	transfer_purchase	192BE038	2020	11	16.7	Redacted		online
3659	SVCEA	transfer_purchase	192BE038	2020	12	16.7	Redacted		online
3660	SVCEA	blended	192BE039	2020	1	4.2	Redacted		online
3661	SVCEA	blended	192BE039	2020	2	4.2	Redacted		online
3662	SVCEA	blended	192BE039	2020	3	4.2	Redacted		online
3663	SVCEA	blended	192BE039	2020	4	4.2	Redacted		online
3664	SVCEA	blended	192BE039	2020	5	4.2	Redacted		online
3665	SVCEA	blended	192BE039	2020	6	4.2	Redacted		online
3666	SVCEA	blended	192BE039	2020	7	4.2	Redacted		online
3667	SVCEA	blended	192BE039	2020	8	4.2	Redacted		online
3668	SVCEA	blended	192BE039	2020	9	4.2	Redacted		online
3669	SVCEA	blended	192BE039	2020	10	4.2	Redacted		online
3670	SVCEA	blended	192BE039	2020	11	4.2	Redacted		online
3671	SVCEA	blended	192BE039	2020	12	4.2	Redacted		online
3672	SVCEA	blended	192BE041	2020	1	2.1	Redacted		online
3673	SVCEA	blended	192BE041	2020	2	2.1	Redacted		online
3674	SVCEA	blended	192BE041	2020	3	2.1	Redacted		online
3675	SVCEA	blended	192BE041	2020	4	2.1	Redacted		online
3676	SVCEA	blended	192BE041	2020	5	2.1	Redacted		online
3677	SVCEA	blended	192BE041	2020	6	2.1	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3642		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_7	23%	1
3643		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_8	21%	1
3644		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_9	15%	1
3645		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_10	8%	1
3646		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_11	12%	1
3647		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_12	13%	1
3648		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_1	0%	1
3649		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_2	0%	1
3650		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_3	0%	1
3651		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_4	0%	1
3652		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_5	0%	1
3653		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_6	0%	1
3654		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_7	0%	1
3655		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0%	1
3656		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_9	0%	1
3657		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_10	0%	1
3658		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_11	0%	1
3659		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_12	0%	1
3660		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3661		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3662		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3663		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3664		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3665		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1
3666		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3667		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3668		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3669		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3670		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3671		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3672		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0%	1
3673		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0%	1
3674		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0%	1
3675		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0%	1
3676		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0%	1
3677		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3642	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3643	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3644	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3645	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3646	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3647	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_191BE029_existing_generic_wind, PCC1 Short-Term RPS, MSCG
3648	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3649	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3650	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3651	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3652	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3653	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3654	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3655	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3656	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3657	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3658	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3659	#N/A	Redacted	ok	special	1	0	transfer_purchase_192BE038_transfer_purchase, PCC1 Short-Term RPS, PG&E
3660	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3661	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3662	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3663	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3664	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3665	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3666	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3667	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3668	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3669	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3670	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3671	#N/A	Redacted	ok	special	1	0	blended_192BE039_blended, PCC1 Short-Term RPS, SENA
3672	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3673	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3674	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3675	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3676	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3677	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy

	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3678	SVCEA	blended	192BE041	2020	7	2.1	Redacted		online
3679	SVCEA	blended	192BE041	2020	8	2.1	Redacted		online
3680	SVCEA	blended	192BE041	2020	9	2.1	Redacted		online
3681	SVCEA	blended	192BE041	2020	10	2.1	Redacted		online
3682	SVCEA	blended	192BE041	2020	11	2.1	Redacted		online
3683	SVCEA	blended	192BE041	2020	12	2.1	Redacted		online
3684	SVCEA	transfer_purchase	194BE052	2020	1	43.2	Redacted		online
3685	SVCEA	transfer_purchase	194BE052	2020	2	43.2	Redacted		online
3686	SVCEA	transfer_purchase	194BE052	2020	3	43.2	Redacted		online
3687	SVCEA	transfer_purchase	194BE052	2020	4	43.2	Redacted		online
3688	SVCEA	transfer_purchase	194BE052	2020	5	43.2	Redacted		online
3689	SVCEA	transfer_purchase	194BE052	2020	6	43.2	Redacted		online
3690	SVCEA	transfer_purchase	194BE052	2020	7	43.2	Redacted		online
3691	SVCEA	transfer_purchase	194BE052	2020	8	43.2	Redacted		online
3692	SVCEA	transfer_purchase	194BE052	2020	9	43.2	Redacted		online
3693	SVCEA	transfer_purchase	194BE052	2020	10	43.2	Redacted		online
3694	SVCEA	transfer_purchase	194BE052	2020	11	43.2	Redacted		online
3695	SVCEA	transfer_purchase	194BE052	2020	12	43.2	Redacted		online
3696	SVCEA	transfer_purchase	201BE058	2020	1	10.0	Redacted		online
3697	SVCEA	transfer_purchase	201BE058	2020	2	10.0	Redacted		online
3698	SVCEA	transfer_purchase	201BE058	2020	3	10.0	Redacted		online
3699	SVCEA	transfer_purchase	201BE058	2020	4	10.0	Redacted		online
3700	SVCEA	transfer_purchase	201BE058	2020	5	10.0	Redacted		online
3701	SVCEA	transfer_purchase	201BE058	2020	6	10.0	Redacted		online
3702	SVCEA	transfer_purchase	201BE058	2020	7	10.0	Redacted		online
3703	SVCEA	transfer_purchase	201BE058	2020	8	10.0	Redacted		online
3704	SVCEA	transfer_purchase	201BE058	2020	9	10.0	Redacted		online
3705	SVCEA	transfer_purchase	201BE058	2020	10	10.0	Redacted		online
3706	SVCEA	transfer_purchase	201BE058	2020	11	10.0	Redacted		online
3707	SVCEA	transfer_purchase	201BE058	2020	12	10.0	Redacted		online
3708	SVCEA	existing_generic_wind	201BE060	2020	1	1.7	Redacted		online
3709	SVCEA	existing_generic_wind	201BE060	2020	2	1.7	Redacted		online
3710	SVCEA	existing_generic_wind	201BE060	2020	3	1.7	Redacted		online
3711	SVCEA	existing_generic_wind	201BE060	2020	4	1.7	Redacted		online
3712	SVCEA	existing_generic_wind	201BE060	2020	5	1.7	Redacted		online
3713	SVCEA	existing_generic_wind	201BE060	2020	6	1.7	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3678		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0%	1
3679		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0%	1
3680		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0%	1
3681		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0%	1
3682		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0%	1
3683		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0%	1
3684		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_1	0%	1
3685		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_2	0%	1
3686		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_3	0%	1
3687		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_4	0%	1
3688		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_5	0%	1
3689		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_6	0%	1
3690		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_7	0%	1
3691		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0%	1
3692		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_9	0%	1
3693		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_10	0%	1
3694		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_11	0%	1
3695		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_12	0%	1
3696		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_1	0%	1
3697		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_2	0%	1
3698		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_3	0%	1
3699		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_4	0%	1
3700		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_5	0%	1
3701		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_6	0%	1
3702		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_7	0%	1
3703		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0%	1
3704		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_9	0%	1
3705		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_10	0%	1
3706		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_11	0%	1
3707		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_12	0%	1
3708		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_1	14%	1
3709		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_2	12%	1
3710		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_3	28%	1
3711		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_4	25%	1
3712		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_5	25%	1
3713		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	33%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3678	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3679	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3680	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3681	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3682	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3683	#N/A	Redacted	ok	special	1	0	blended_192BE041_blended, PCC1 Short-Term RPS, Direct Energy
3684	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3685	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3686	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3687	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3688	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3689	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3690	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3691	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3692	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3693	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3694	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3695	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3696	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3697	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3698	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3699	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3700	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3701	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3702	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3703	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3704	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3705	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3706	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3707	#N/A	Redacted	ok	special	1	0	transfer_purchase_201BE058_transfer_purchase, PCC1 Short-Term RPS, PG&E
3708	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3709	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3710	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3711	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3712	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3713	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra

	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3714	SVCEA	existing_generic_wind	201BE060	2020	7	1.7	Redacted		online
3715	SVCEA	existing_generic_wind	201BE060	2020	8	1.7	Redacted		online
3716	SVCEA	existing_generic_wind	201BE060	2020	9	1.7	Redacted		online
3717	SVCEA	existing_generic_wind	201BE060	2020	10	1.7	Redacted		online
3718	SVCEA	existing_generic_wind	201BE060	2020	11	1.7	Redacted		online
3719	SVCEA	existing_generic_wind	201BE060	2020	12	1.7	Redacted		online
3720	SVCEA	blended	164BE003	2021	1	20.8	Redacted		online
3721	SVCEA	blended	164BE003	2021	2	20.8	Redacted		online
3722	SVCEA	blended	164BE003	2021	3	20.8	Redacted		online
3723	SVCEA	blended	164BE003	2021	4	20.8	Redacted		online
3724	SVCEA	blended	164BE003	2021	5	20.8	Redacted		online
3725	SVCEA	blended	164BE003	2021	6	20.8	Redacted		online
3726	SVCEA	blended	164BE003	2021	7	20.8	Redacted		online
3727	SVCEA	blended	164BE003	2021	8	20.8	Redacted		online
3728	SVCEA	blended	164BE003	2021	9	20.8	Redacted		online
3729	SVCEA	blended	164BE003	2021	10	20.8	Redacted		online
3730	SVCEA	blended	164BE003	2021	11	20.8	Redacted		online
3731	SVCEA	blended	164BE003	2021	12	20.8	Redacted		online
3732	SVCEA	blended	164BE005	2021	1	4.2	Redacted		online
3733	SVCEA	blended	164BE005	2021	2	4.2	Redacted		online
3734	SVCEA	blended	164BE005	2021	3	4.2	Redacted		online
3735	SVCEA	blended	164BE005	2021	4	4.2	Redacted		online
3736	SVCEA	blended	164BE005	2021	5	4.2	Redacted		online
3737	SVCEA	blended	164BE005	2021	6	4.2	Redacted		online
3738	SVCEA	blended	164BE005	2021	7	4.2	Redacted		online
3739	SVCEA	blended	164BE005	2021	8	4.2	Redacted		online
3740	SVCEA	blended	164BE005	2021	9	4.2	Redacted		online
3741	SVCEA	blended	164BE005	2021	10	4.2	Redacted		online
3742	SVCEA	blended	164BE005	2021	11	4.2	Redacted		online
3743	SVCEA	blended	164BE005	2021	12	4.2	Redacted		online
3744	SVCEA	transfer_purchase	182BE021	2021	1	25.0	Redacted		online
3745	SVCEA	transfer_purchase	182BE021	2021	2	25.0	Redacted		online
3746	SVCEA	transfer_purchase	182BE021	2021	3	25.0	Redacted		online
3747	SVCEA	transfer_purchase	182BE021	2021	4	25.0	Redacted		online
3748	SVCEA	transfer_purchase	182BE021	2021	5	25.0	Redacted		online
3749	SVCEA	transfer_purchase	182BE021	2021	6	25.0	Redacted		online

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3714		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_7	23%	1
3715		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_8	21%	1
3716		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_9	15%	1
3717		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_10	8%	1
3718		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_11	12%	1
3719		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_12	13%	1
3720		Redacted	Redacted	blended	1	unknown	unknown_2021_1	0%	1
3721		Redacted	Redacted	blended	1	unknown	unknown_2021_2	0%	1
3722		Redacted	Redacted	blended	1	unknown	unknown_2021_3	0%	1
3723		Redacted	Redacted	blended	1	unknown	unknown_2021_4	0%	1
3724		Redacted	Redacted	blended	1	unknown	unknown_2021_5	0%	1
3725		Redacted	Redacted	blended	1	unknown	unknown_2021_6	0%	1
3726		Redacted	Redacted	blended	1	unknown	unknown_2021_7	0%	1
3727		Redacted	Redacted	blended	1	unknown	unknown_2021_8	0%	1
3728		Redacted	Redacted	blended	1	unknown	unknown_2021_9	0%	1
3729		Redacted	Redacted	blended	1	unknown	unknown_2021_10	0%	1
3730		Redacted	Redacted	blended	1	unknown	unknown_2021_11	0%	1
3731		Redacted	Redacted	blended	1	unknown	unknown_2021_12	0%	1
3732		Redacted	Redacted	blended	1	unknown	unknown_2021_1	0%	1
3733		Redacted	Redacted	blended	1	unknown	unknown_2021_2	0%	1
3734		Redacted	Redacted	blended	1	unknown	unknown_2021_3	0%	1
3735		Redacted	Redacted	blended	1	unknown	unknown_2021_4	0%	1
3736		Redacted	Redacted	blended	1	unknown	unknown_2021_5	0%	1
3737		Redacted	Redacted	blended	1	unknown	unknown_2021_6	0%	1
3738		Redacted	Redacted	blended	1	unknown	unknown_2021_7	0%	1
3739		Redacted	Redacted	blended	1	unknown	unknown_2021_8	0%	1
3740		Redacted	Redacted	blended	1	unknown	unknown_2021_9	0%	1
3741		Redacted	Redacted	blended	1	unknown	unknown_2021_10	0%	1
3742		Redacted	Redacted	blended	1	unknown	unknown_2021_11	0%	1
3743		Redacted	Redacted	blended	1	unknown	unknown_2021_12	0%	1
3744		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_1	0%	1
3745		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_2	0%	1
3746		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_3	0%	1
3747		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_4	0%	1
3748		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_5	0%	1
3749		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_6	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3714	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3715	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3716	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3717	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3718	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3719	#N/A	Redacted	ok	existing_generic	1	0	existing_generic_wind_201BE060_JAWBNE_2_SRWND, Existing_CAISO_Wind, NextEra
3720	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3721	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3722	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3723	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3724	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3725	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3726	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3727	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3728	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3729	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3730	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3731	#N/A	Redacted	ok	special	1	0	blended_164BE003_blended, PCC1 Short-Term RPS, SENA
3732	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3733	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3734	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3735	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3736	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3737	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3738	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3739	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3740	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3741	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3742	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3743	#N/A	Redacted	ok	special	1	0	blended_164BE005_blended, PCC1 Short-Term RPS, Powerex
3744	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3745	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3746	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3747	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3748	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3749	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3750	SVCEA	transfer_purchase	182BE021	2021	7	25.0	Redacted		online
3751	SVCEA	transfer_purchase	182BE021	2021	8	25.0	Redacted		online
3752	SVCEA	transfer_purchase	182BE021	2021	9	25.0	Redacted		online
3753	SVCEA	transfer_purchase	182BE021	2021	10	25.0	Redacted		online
3754	SVCEA	transfer_purchase	182BE021	2021	11	25.0	Redacted		online
3755	SVCEA	transfer_purchase	182BE021	2021	12	25.0	Redacted		online
3756	SVCEA	transfer_purchase	194BE052	2021	1	22.9	Redacted		online
3757	SVCEA	transfer_purchase	194BE052	2021	2	22.9	Redacted		online
3758	SVCEA	transfer_purchase	194BE052	2021	3	22.9	Redacted		online
3759	SVCEA	transfer_purchase	194BE052	2021	4	22.9	Redacted		online
3760	SVCEA	transfer_purchase	194BE052	2021	5	22.9	Redacted		online
3761	SVCEA	transfer_purchase	194BE052	2021	6	22.9	Redacted		online
3762	SVCEA	transfer_purchase	194BE052	2021	7	22.9	Redacted		online
3763	SVCEA	transfer_purchase	194BE052	2021	8	22.9	Redacted		online
3764	SVCEA	transfer_purchase	194BE052	2021	9	22.9	Redacted		online
3765	SVCEA	transfer_purchase	194BE052	2021	10	22.9	Redacted		online
3766	SVCEA	transfer_purchase	194BE052	2021	11	22.9	Redacted		online
3767	SVCEA	transfer_purchase	194BE052	2021	12	22.9	Redacted		online
3768	SVCEA	transfer_purchase	202BE070	2021	1	39.6	Redacted		online
3769	SVCEA	transfer_purchase	202BE070	2021	2	39.6	Redacted		online
3770	SVCEA	transfer_purchase	202BE070	2021	3	39.6	Redacted		online
3771	SVCEA	transfer_purchase	202BE070	2021	4	39.6	Redacted		online
3772	SVCEA	transfer_purchase	202BE070	2021	5	39.6	Redacted		online
3773	SVCEA	transfer_purchase	202BE070	2021	6	39.6	Redacted		online
3774	SVCEA	transfer_purchase	202BE070	2021	7	39.6	Redacted		online
3775	SVCEA	transfer_purchase	202BE070	2021	8	39.6	Redacted		online
3776	SVCEA	transfer_purchase	202BE070	2021	9	39.6	Redacted		online
3777	SVCEA	transfer_purchase	202BE070	2021	10	39.6	Redacted		online
3778	SVCEA	transfer_purchase	202BE070	2021	11	39.6	Redacted		online
3779	SVCEA	transfer_purchase	202BE070	2021	12	39.6	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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3750		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_7	0%	1
3751		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_8	0%	1
3752		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_9	0%	1
3753		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_10	0%	1
3754		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_11	0%	1
3755		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_12	0%	1
3756		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_1	0%	1
3757		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_2	0%	1
3758		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_3	0%	1
3759		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_4	0%	1
3760		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_5	0%	1
3761		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_6	0%	1
3762		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_7	0%	1
3763		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_8	0%	1
3764		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_9	0%	1
3765		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_10	0%	1
3766		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_11	0%	1
3767		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_12	0%	1
3768		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_1	0%	1
3769		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_2	0%	1
3770		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_3	0%	1
3771		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_4	0%	1
3772		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_5	0%	1
3773		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_6	0%	1
3774		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_7	0%	1
3775		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_8	0%	1
3776		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_9	0%	1
3777		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_10	0%	1
3778		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_11	0%	1
3779		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2021_12	0%	1
3780		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3781		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3782		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3783		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3784		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3785		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3750	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3751	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3752	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3753	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3754	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3755	#N/A	Redacted	ok	special	1	0	transfer_purchase_182BE021_transfer_purchase, PCC1 Short-Term RPS, PG&E
3756	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3757	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3758	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3759	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3760	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3761	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3762	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3763	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3764	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3765	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3766	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3767	#N/A	Redacted	ok	special	1	0	transfer_purchase_194BE052_transfer_purchase, PCC1 Short-Term RPS, SCE
3768	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3769	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3770	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3771	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3772	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3773	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3774	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3775	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3776	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3777	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3778	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3779	#N/A	Redacted	ok	special	1	0	transfer_purchase_202BE070_transfer_purchase, PCC1 Short-Term RPS, PG&E
3780	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3781	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3782	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3783	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3784	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3785	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3786		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3787		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3788		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3789		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3790		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3791		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3792		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3793		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3794		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3795		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3796		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3797		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3798		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3799		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3800		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3801		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3802		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3803		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3804		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3805		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3806		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3807		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3808		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3809		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3810		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3811		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3812		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3813		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3814		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3815		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3816		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3817		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3818		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3819		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3820		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3821		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3786	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3787	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3788	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3789	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3790	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3791	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3792	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3793	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3794	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3795	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3796	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3797	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3798	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3799	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3800	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3801	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3802	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3803	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3804	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3805	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3806	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3807	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3808	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3809	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3810	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3811	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3812	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3813	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3814	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3815	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3816	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3817	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3818	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3819	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3820	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3821	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3822		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3823		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3824		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3825		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3826		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3827		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3828		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3829		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3830		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3831		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3832		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3833		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3834		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3835		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3836		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3837		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3838		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3839		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3840		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3841		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3842		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3843		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3844		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3845		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3846		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3847		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3848		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3849		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3850		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3851		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3852		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3853		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3854		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3855		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3856		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3857		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3822	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3823	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3824	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3825	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3826	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3827	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3828	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3829	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3830	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3831	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3832	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3833	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3834	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3835	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3836	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3837	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3838	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3839	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3840	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3841	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3842	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3843	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3844	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3845	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3846	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3847	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3848	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3849	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3850	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3851	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3852	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3853	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3854	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3855	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3856	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3857	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
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
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	2030	1	Redacted	Redacted		planned_existing
3889	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
3890	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
3891	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
3892	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
3893	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3858		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3859		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3860		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3861		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3862		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3863		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3864		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3865		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3866		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3867		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3868		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3869		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3870		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3871		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3872		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3873		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3874		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3875		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3876		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3877		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3878		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3879		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3880		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3881		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3882		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3883		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3884		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3885		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3886		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3887		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3888		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3889		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3890		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3891		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3892		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3893		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3858	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3859	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3860	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3861	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3862	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3863	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3864	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3865	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3866	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3867	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3868	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3869	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3870	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3871	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3872	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3873	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3874	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3875	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3876	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3877	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3878	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3879	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3880	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3881	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3882	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3883	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3884	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3885	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3886	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3887	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3888	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3889	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3890	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3891	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3892	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3893	#N/A	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**
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
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	0	0	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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3894	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
3895	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
3896	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
3897	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
3898	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
3899	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing
3900	SVCEA	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing
3901	SVCEA	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing
3902	SVCEA	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing
3903	SVCEA	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing
3904	SVCEA	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing
3905	SVCEA	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing
3906	SVCEA	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing
3907	SVCEA	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing
3908	SVCEA	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing
3909	SVCEA	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing
3910	SVCEA	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing
3911	SVCEA	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing
3912	SVCEA	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing
3913	SVCEA	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing
3914	SVCEA	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing
3915	SVCEA	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing
3916	SVCEA	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing
3917	SVCEA	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing
3918	SVCEA	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing
3919	SVCEA	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing
3920	SVCEA	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing
3921	SVCEA	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing
3922	SVCEA	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing
3923	SVCEA	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing
3924	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing
3925	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
3926	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
3927	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
3928	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing
3929	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3894		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3895		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3896		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3897		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3898		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3899		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3900		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3901		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3902		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3903		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3904		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3905		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3906		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3907		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3908		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3909		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3910		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3911		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3912		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3913		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3914		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3915		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3916		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3917		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3918		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3919		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3920		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3921		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3922		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3923		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3924		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3925		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3926		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3927		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3928		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3929		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3894	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3895	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3896	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3897	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3898	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3899	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3900	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3901	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3902	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3903	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3904	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3905	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3906	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3907	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3908	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3909	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3910	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3911	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3912	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3913	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3914	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3915	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3916	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3917	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3918	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3919	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3920	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3921	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3922	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3923	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3924	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3925	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3926	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3927	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3928	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3929	#N/A	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**
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
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	1	170	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
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3930	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
3931	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
3932	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing
3933	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
3934	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing
3935	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
3936	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
3937	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
3938	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
3939	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing
3940	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
3941	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing
3942	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
3943	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
3944	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing
3945	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
3946	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
3947	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing
3948	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
3949	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing
3950	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
3951	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
3952	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
3953	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing
3954	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
3955	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
3956	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
3957	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing
3958	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
3959	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing
3960	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
3961	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
3962	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
3963	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
3964	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing
3965	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3930		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3931		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3932		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3933		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3934		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3935		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3936		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3937		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3938		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3939		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3940		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3941		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3942		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3943		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3944		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3945		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3946		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3947		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3948		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3949		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3950		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3951		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3952		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3953		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3954		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3955		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3956		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3957		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3958		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3959		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3960		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3961		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3962		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3963		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3964		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3965		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3930	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3931	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3932	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3933	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3934	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3935	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3936	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3937	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3938	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3939	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3940	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3941	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3942	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3943	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3944	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3945	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3946	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3947	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3948	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3949	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3950	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3951	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3952	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3953	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3954	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3955	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3956	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3957	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3958	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3959	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3960	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3961	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3962	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3963	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3964	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3965	#N/A	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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
3966	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
3967	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
3968	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
3969	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing
3970	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
3971	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
3972	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing
3973	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
3974	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing
3975	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
3976	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
3977	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing
3978	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing
3979	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
3980	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
3981	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
3982	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing
3983	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
3984	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing
3985	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
3986	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
3987	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
3988	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
3989	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing
3990	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
3991	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
3992	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
3993	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
3994	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing
3995	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
3996	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
3997	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing
3998	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
3999	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing
4000	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
4001	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
3966		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3967		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3968		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3969		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3970		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3971		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3972		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3973		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3974		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3975		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3976		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3977		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3978		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3979		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3980		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3981		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3982		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3983		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3984		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3985		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3986		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3987		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3988		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
3989		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
3990		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3991		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
3992		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
3993		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3994		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
3995		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
3996		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
3997		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
3998		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
3999		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
4000		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
4001		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
3966	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3967	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3968	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3969	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3970	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3971	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3972	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3973	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3974	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3975	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3976	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3977	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3978	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3979	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3980	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3981	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3982	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3983	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3984	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3985	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3986	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3987	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3988	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3989	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3990	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3991	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3992	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3993	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3994	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3995	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3996	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3997	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3998	#N/A	Redacted	ok	existing_generic	1	0	Redacted
3999	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4000	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4001	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
4002	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
4003	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing
4004	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
4005	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
4006	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
4007	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing
4008	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
4009	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
4010	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
4011	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
4012	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
4013	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing
4014	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
4015	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
4016	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
4017	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
4018	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
4019	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing
4020	SVCEA	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing
4021	SVCEA	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing
4022	SVCEA	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing
4023	SVCEA	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing
4024	SVCEA	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing
4025	SVCEA	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing
4026	SVCEA	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing
4027	SVCEA	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing
4028	SVCEA	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing
4029	SVCEA	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing
4030	SVCEA	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing
4031	SVCEA	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing
4032	SVCEA	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing
4033	SVCEA	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing
4034	SVCEA	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing
4035	SVCEA	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing
4036	SVCEA	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing
4037	SVCEA	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4002		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
4003		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
4004		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
4005		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
4006		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
4007		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
4008		Redacted	Redacted	Redacted	1	Redacted	Redacted	60%	1
4009		Redacted	Redacted	Redacted	1	Redacted	Redacted	70%	1
4010		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
4011		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
4012		Redacted	Redacted	Redacted	1	Redacted	Redacted	69%	1
4013		Redacted	Redacted	Redacted	1	Redacted	Redacted	74%	1
4014		Redacted	Redacted	Redacted	1	Redacted	Redacted	73%	1
4015		Redacted	Redacted	Redacted	1	Redacted	Redacted	72%	1
4016		Redacted	Redacted	Redacted	1	Redacted	Redacted	71%	1
4017		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
4018		Redacted	Redacted	Redacted	1	Redacted	Redacted	56%	1
4019		Redacted	Redacted	Redacted	1	Redacted	Redacted	64%	1
4020		Redacted	Redacted	Redacted	1	Redacted	Redacted	4%	1
4021		Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1
4022		Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1
4023		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
4024		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
4025		Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1
4026		Redacted	Redacted	Redacted	1	Redacted	Redacted	39%	1
4027		Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1
4028		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
4029		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4030		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4031		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4032		Redacted	Redacted	Redacted	1	Redacted	Redacted	4%	1
4033		Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1
4034		Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1
4035		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
4036		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
4037		Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4002	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4003	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4004	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4005	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4006	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4007	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4008	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4009	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4010	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4011	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4012	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4013	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4014	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4015	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4016	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4017	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4018	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4019	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4020	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4021	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4022	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4023	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4024	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4025	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4026	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4027	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4028	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4029	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4030	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4031	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4032	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4033	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4034	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4035	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4036	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4037	#N/A	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**
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	0	0	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	1	171	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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
4038	SVCEA	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing
4039	SVCEA	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing
4040	SVCEA	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing
4041	SVCEA	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing
4042	SVCEA	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing
4043	SVCEA	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing
4044	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing
4045	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
4046	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
4047	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
4048	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing
4049	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing
4050	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
4051	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
4052	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing
4053	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
4054	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing
4055	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
4056	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
4057	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
4058	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
4059	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing
4060	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
4061	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing
4062	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
4063	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
4064	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing
4065	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
4066	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
4067	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing
4068	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
4069	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing
4070	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
4071	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
4072	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
4073	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4038		Redacted	Redacted	Redacted	1	Redacted	Redacted	39%	1
4039		Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1
4040		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
4041		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4042		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4043		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4044		Redacted	Redacted	Redacted	1	Redacted	Redacted	4%	1
4045		Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1
4046		Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1
4047		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
4048		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
4049		Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1
4050		Redacted	Redacted	Redacted	1	Redacted	Redacted	39%	1
4051		Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1
4052		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
4053		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4054		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4055		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4056		Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1
4057		Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1
4058		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
4059		Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1
4060		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
4061		Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1
4062		Redacted	Redacted	Redacted	1	Redacted	Redacted	34%	1
4063		Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1
4064		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4065		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4066		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4067		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4068		Redacted	Redacted	Redacted	1	Redacted	Redacted	3%	1
4069		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4070		Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1
4071		Redacted	Redacted	Redacted	1	Redacted	Redacted	11%	1
4072		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4073		Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4038	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4039	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4040	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4041	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4042	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4043	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4044	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4045	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4046	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4047	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4048	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4049	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4050	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4051	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4052	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4053	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4054	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4055	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4056	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4057	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4058	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4059	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4060	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4061	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4062	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4063	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4064	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4065	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4066	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4067	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4068	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4069	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4070	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4071	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4072	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4073	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
4074	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
4075	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
4076	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
4077	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing
4078	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
4079	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing
4080	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
4081	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
4082	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
4083	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
4084	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing
4085	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing
4086	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
4087	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
4088	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
4089	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing
4090	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
4091	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
4092	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing
4093	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
4094	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing
4095	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
4096	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
4097	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing
4098	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing
4099	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
4100	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
4101	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
4102	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing
4103	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
4104	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing
4105	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
4106	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
4107	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
4108	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
4109	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4074		Redacted	Redacted	Redacted	1	Redacted	Redacted	29%	1
4075		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
4076		Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1
4077		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4078		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4079		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4080		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4081		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4082		Redacted	Redacted	Redacted	1	Redacted	Redacted	11%	1
4083		Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1
4084		Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1
4085		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
4086		Redacted	Redacted	Redacted	1	Redacted	Redacted	24%	1
4087		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
4088		Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1
4089		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4090		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4091		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4092		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4093		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4094		Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1
4095		Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1
4096		Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1
4097		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4098		Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1
4099		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
4100		Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1
4101		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4102		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4103		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4104		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4105		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4106		Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1
4107		Redacted	Redacted	Redacted	1	Redacted	Redacted	7%	1
4108		Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1
4109		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4074	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4075	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4076	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4077	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4078	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4079	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4080	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4081	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4082	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4083	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4084	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4085	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4086	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4087	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4088	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4089	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4090	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4091	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4092	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4093	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4094	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4095	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4096	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4097	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4098	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4099	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4100	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4101	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4102	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4103	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4104	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4105	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4106	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4107	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4108	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4109	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
4110	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
4111	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
4112	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
4113	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
4114	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing
4115	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
4116	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
4117	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing
4118	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
4119	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing
4120	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
4121	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing
4122	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
4123	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing
4124	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
4125	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
4126	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
4127	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing
4128	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
4129	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
4130	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
4131	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
4132	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
4133	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing
4134	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
4135	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
4136	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
4137	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
4138	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
4139	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing
4140	SVCEA	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing
4141	SVCEA	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing
4142	SVCEA	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing
4143	SVCEA	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing
4144	SVCEA	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing
4145	SVCEA	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4110		Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1
4111		Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1
4112		Redacted	Redacted	Redacted	1	Redacted	Redacted	7%	1
4113		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4114		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4115		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4116		Redacted	Redacted	Redacted	1	Redacted	Redacted	2%	1
4117		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4118		Redacted	Redacted	Redacted	1	Redacted	Redacted	7%	1
4119		Redacted	Redacted	Redacted	1	Redacted	Redacted	6%	1
4120		Redacted	Redacted	Redacted	1	Redacted	Redacted	6%	1
4121		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4122		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
4123		Redacted	Redacted	Redacted	1	Redacted	Redacted	11%	1
4124		Redacted	Redacted	Redacted	1	Redacted	Redacted	6%	1
4125		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4126		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4127		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4128		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4129		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4130		Redacted	Redacted	Redacted	1	Redacted	Redacted	6%	1
4131		Redacted	Redacted	Redacted	1	Redacted	Redacted	5%	1
4132		Redacted	Redacted	Redacted	1	Redacted	Redacted	5%	1
4133		Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1
4134		Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1
4135		Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1
4136		Redacted	Redacted	Redacted	1	Redacted	Redacted	5%	1
4137		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4138		Redacted	Redacted	Redacted	1	Redacted	Redacted	1%	1
4139		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4140		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
4141		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4142		Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1
4143		Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1
4144		Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1
4145		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4110	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4111	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4112	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4113	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4114	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4115	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4116	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4117	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4118	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4119	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4120	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4121	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4122	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4123	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4124	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4125	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4126	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4127	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4128	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4129	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4130	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4131	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4132	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4133	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4134	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4135	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4136	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4137	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4138	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4139	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4140	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4141	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4142	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4143	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4144	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4145	#N/A	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**
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
4128	0	0	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	1	172	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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
4146	SVCEA	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing
4147	SVCEA	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing
4148	SVCEA	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing
4149	SVCEA	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing
4150	SVCEA	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing
4151	SVCEA	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing
4152	SVCEA	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing
4153	SVCEA	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing
4154	SVCEA	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing
4155	SVCEA	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing
4156	SVCEA	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing
4157	SVCEA	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing
4158	SVCEA	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing
4159	SVCEA	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing
4160	SVCEA	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing
4161	SVCEA	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing
4162	SVCEA	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing
4163	SVCEA	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing
4164	SVCEA	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing
4165	SVCEA	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
4166	SVCEA	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
4167	SVCEA	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
4168	SVCEA	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing
4169	SVCEA	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing
4170	SVCEA	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
4171	SVCEA	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
4172	SVCEA	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing
4173	SVCEA	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
4174	SVCEA	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing
4175	SVCEA	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
4176	SVCEA	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
4177	SVCEA	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
4178	SVCEA	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
4179	SVCEA	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing
4180	SVCEA	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
4181	SVCEA	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4146		Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1
4147		Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1
4148		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
4149		Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1
4150		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4151		Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1
4152		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
4153		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4154		Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1
4155		Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1
4156		Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1
4157		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
4158		Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1
4159		Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1
4160		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
4161		Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1
4162		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4163		Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1
4164		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
4165		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4166		Redacted	Redacted	Redacted	1	Redacted	Redacted	28%	1
4167		Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1
4168		Redacted	Redacted	Redacted	1	Redacted	Redacted	25%	1
4169		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
4170		Redacted	Redacted	Redacted	1	Redacted	Redacted	23%	1
4171		Redacted	Redacted	Redacted	1	Redacted	Redacted	21%	1
4172		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
4173		Redacted	Redacted	Redacted	1	Redacted	Redacted	8%	1
4174		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4175		Redacted	Redacted	Redacted	1	Redacted	Redacted	13%	1
4176		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
4177		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
4178		Redacted	Redacted	Redacted	1	Redacted	Redacted	32%	1
4179		Redacted	Redacted	Redacted	1	Redacted	Redacted	29%	1
4180		Redacted	Redacted	Redacted	1	Redacted	Redacted	29%	1
4181		Redacted	Redacted	Redacted	1	Redacted	Redacted	38%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4146	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4147	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4148	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4149	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4150	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4151	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4152	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4153	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4154	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4155	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4156	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4157	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4158	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4159	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4160	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4161	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4162	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4163	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4164	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4165	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4166	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4167	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4168	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4169	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4170	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4171	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4172	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4173	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4174	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4175	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4176	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4177	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4178	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4179	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4180	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4181	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
4182	SVCEA	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
4183	SVCEA	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
4184	SVCEA	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing
4185	SVCEA	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
4186	SVCEA	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
4187	SVCEA	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing
4188	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
4189	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing
4190	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
4191	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
4192	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
4193	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing
4194	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
4195	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
4196	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
4197	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing
4198	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
4199	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing
4200	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
4201	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
4202	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
4203	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
4204	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing
4205	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing
4206	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
4207	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
4208	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
4209	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing
4210	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
4211	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
4212	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing
4213	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
4214	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing
4215	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
4216	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
4217	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4182		Redacted	Redacted	Redacted	1	Redacted	Redacted	26%	1
4183		Redacted	Redacted	Redacted	1	Redacted	Redacted	24%	1
4184		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4185		Redacted	Redacted	Redacted	1	Redacted	Redacted	9%	1
4186		Redacted	Redacted	Redacted	1	Redacted	Redacted	14%	1
4187		Redacted	Redacted	Redacted	1	Redacted	Redacted	15%	1
4188		Redacted	Redacted	Redacted	1	Redacted	Redacted	18%	1
4189		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
4190		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4191		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
4192		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
4193		Redacted	Redacted	Redacted	1	Redacted	Redacted	43%	1
4194		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
4195		Redacted	Redacted	Redacted	1	Redacted	Redacted	27%	1
4196		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
4197		Redacted	Redacted	Redacted	1	Redacted	Redacted	10%	1
4198		Redacted	Redacted	Redacted	1	Redacted	Redacted	16%	1
4199		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4200		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
4201		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4202		Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1
4203		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4204		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4205		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1
4206		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
4207		Redacted	Redacted	Redacted	1	Redacted	Redacted	31%	1
4208		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
4209		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4210		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4211		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
4212		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
4213		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4214		Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1
4215		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4216		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4217		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4182	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4183	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4184	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4185	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4186	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4187	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4188	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4189	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4190	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4191	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4192	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4193	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4194	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4195	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4196	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4197	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4198	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4199	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4200	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4201	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4202	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4203	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4204	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4205	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4206	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4207	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4208	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4209	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4210	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4211	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4212	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4213	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4214	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4215	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4216	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4217	#N/A	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**
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
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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
4218	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing
4219	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
4220	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
4221	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
4222	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing
4223	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
4224	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing
4225	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
4226	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
4227	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
4228	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
4229	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing
4230	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
4231	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
4232	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
4233	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
4234	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing
4235	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
4236	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
4237	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing
4238	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
4239	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing
4240	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
4241	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing
4242	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
4243	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing
4244	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
4245	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
4246	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
4247	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing
4248	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
4249	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
4250	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
4251	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
4252	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
4253	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4218		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
4219		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
4220		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
4221		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4222		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4223		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
4224		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
4225		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4226		Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1
4227		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4228		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4229		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1
4230		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
4231		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
4232		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
4233		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4234		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4235		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
4236		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
4237		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4238		Redacted	Redacted	Redacted	1	Redacted	Redacted	41%	1
4239		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4240		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4241		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1
4242		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
4243		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
4244		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
4245		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4246		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4247		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
4248		Redacted	Redacted	Redacted	1	Redacted	Redacted	20%	1
4249		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4250		Redacted	Redacted	Redacted	1	Redacted	Redacted	40%	1
4251		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4252		Redacted	Redacted	Redacted	1	Redacted	Redacted	36%	1
4253		Redacted	Redacted	Redacted	1	Redacted	Redacted	48%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4218	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4219	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4220	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4221	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4222	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4223	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4224	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4225	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4226	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4227	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4228	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4229	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4230	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4231	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4232	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4233	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4234	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4235	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4236	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4237	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4238	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4239	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4240	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4241	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4242	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4243	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4244	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4245	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4246	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4247	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4248	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4249	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4250	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4251	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4252	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4253	#N/A	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**
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
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	0	0	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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
4254	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
4255	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
4256	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
4257	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
4258	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
4259	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing
4260	SVCEA	Redacted	Redacted	2025	1	Redacted	Redacted		review
4261	SVCEA	Redacted	Redacted	2025	2	Redacted	Redacted		review
4262	SVCEA	Redacted	Redacted	2025	3	Redacted	Redacted		review
4263	SVCEA	Redacted	Redacted	2025	4	Redacted	Redacted		review
4264	SVCEA	Redacted	Redacted	2025	5	Redacted	Redacted		review
4265	SVCEA	Redacted	Redacted	2025	6	Redacted	Redacted		review
4266	SVCEA	Redacted	Redacted	2025	7	Redacted	Redacted		review
4267	SVCEA	Redacted	Redacted	2025	8	Redacted	Redacted		review
4268	SVCEA	Redacted	Redacted	2025	9	Redacted	Redacted		review
4269	SVCEA	Redacted	Redacted	2025	10	Redacted	Redacted		review
4270	SVCEA	Redacted	Redacted	2025	11	Redacted	Redacted		review
4271	SVCEA	Redacted	Redacted	2025	12	Redacted	Redacted		review
4272	SVCEA	Redacted	Redacted	2026	1	Redacted	Redacted		review
4273	SVCEA	Redacted	Redacted	2026	2	Redacted	Redacted		review
4274	SVCEA	Redacted	Redacted	2026	3	Redacted	Redacted		review
4275	SVCEA	Redacted	Redacted	2026	4	Redacted	Redacted		review
4276	SVCEA	Redacted	Redacted	2026	5	Redacted	Redacted		review
4277	SVCEA	Redacted	Redacted	2026	6	Redacted	Redacted		review
4278	SVCEA	Redacted	Redacted	2026	7	Redacted	Redacted		review
4279	SVCEA	Redacted	Redacted	2026	8	Redacted	Redacted		review
4280	SVCEA	Redacted	Redacted	2026	9	Redacted	Redacted		review
4281	SVCEA	Redacted	Redacted	2026	10	Redacted	Redacted		review
4282	SVCEA	Redacted	Redacted	2026	11	Redacted	Redacted		review
4283	SVCEA	Redacted	Redacted	2026	12	Redacted	Redacted		review
4284	SVCEA	Redacted	Redacted	2027	1	Redacted	Redacted		review
4285	SVCEA	Redacted	Redacted	2027	2	Redacted	Redacted		review
4286	SVCEA	Redacted	Redacted	2027	3	Redacted	Redacted		review
4287	SVCEA	Redacted	Redacted	2027	4	Redacted	Redacted		review
4288	SVCEA	Redacted	Redacted	2027	5	Redacted	Redacted		review
4289	SVCEA	Redacted	Redacted	2027	6	Redacted	Redacted		review

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4254		Redacted	Redacted	Redacted	1	Redacted	Redacted	33%	1
4255		Redacted	Redacted	Redacted	1	Redacted	Redacted	30%	1
4256		Redacted	Redacted	Redacted	1	Redacted	Redacted	22%	1
4257		Redacted	Redacted	Redacted	1	Redacted	Redacted	12%	1
4258		Redacted	Redacted	Redacted	1	Redacted	Redacted	17%	1
4259		Redacted	Redacted	Redacted	1	Redacted	Redacted	19%	1
4260		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4261		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4262		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4263		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4264		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4265		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4266		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4267		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4268		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4269		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4270		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4271		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4272		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4273		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4274		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4275		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4276		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4277		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4278		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4279		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4280		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4281		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4282		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4283		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4284		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4285		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4286		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4287		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4288		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4289		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4254	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4255	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4256	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4257	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4258	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4259	#N/A	Redacted	ok	existing_generic	1	0	Redacted
4260	#N/A	Redacted	ok	special	1	0	Redacted
4261	#N/A	Redacted	ok	special	1	0	Redacted
4262	#N/A	Redacted	ok	special	1	0	Redacted
4263	#N/A	Redacted	ok	special	1	0	Redacted
4264	#N/A	Redacted	ok	special	1	0	Redacted
4265	#N/A	Redacted	ok	special	1	0	Redacted
4266	#N/A	Redacted	ok	special	1	0	Redacted
4267	#N/A	Redacted	ok	special	1	0	Redacted
4268	#N/A	Redacted	ok	special	1	0	Redacted
4269	#N/A	Redacted	ok	special	1	0	Redacted
4270	#N/A	Redacted	ok	special	1	0	Redacted
4271	#N/A	Redacted	ok	special	1	0	Redacted
4272	#N/A	Redacted	ok	special	1	0	Redacted
4273	#N/A	Redacted	ok	special	1	0	Redacted
4274	#N/A	Redacted	ok	special	1	0	Redacted
4275	#N/A	Redacted	ok	special	1	0	Redacted
4276	#N/A	Redacted	ok	special	1	0	Redacted
4277	#N/A	Redacted	ok	special	1	0	Redacted
4278	#N/A	Redacted	ok	special	1	0	Redacted
4279	#N/A	Redacted	ok	special	1	0	Redacted
4280	#N/A	Redacted	ok	special	1	0	Redacted
4281	#N/A	Redacted	ok	special	1	0	Redacted
4282	#N/A	Redacted	ok	special	1	0	Redacted
4283	#N/A	Redacted	ok	special	1	0	Redacted
4284	#N/A	Redacted	ok	special	1	0	Redacted
4285	#N/A	Redacted	ok	special	1	0	Redacted
4286	#N/A	Redacted	ok	special	1	0	Redacted
4287	#N/A	Redacted	ok	special	1	0	Redacted
4288	#N/A	Redacted	ok	special	1	0	Redacted
4289	#N/A	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**
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
4260	1	173	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

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
4290	SVCEA	Redacted	Redacted	2027	7	Redacted	Redacted		review
4291	SVCEA	Redacted	Redacted	2027	8	Redacted	Redacted		review
4292	SVCEA	Redacted	Redacted	2027	9	Redacted	Redacted		review
4293	SVCEA	Redacted	Redacted	2027	10	Redacted	Redacted		review
4294	SVCEA	Redacted	Redacted	2027	11	Redacted	Redacted		review
4295	SVCEA	Redacted	Redacted	2027	12	Redacted	Redacted		review
4296	SVCEA	Redacted	Redacted	2028	1	Redacted	Redacted		review
4297	SVCEA	Redacted	Redacted	2028	2	Redacted	Redacted		review
4298	SVCEA	Redacted	Redacted	2028	3	Redacted	Redacted		review
4299	SVCEA	Redacted	Redacted	2028	4	Redacted	Redacted		review
4300	SVCEA	Redacted	Redacted	2028	5	Redacted	Redacted		review
4301	SVCEA	Redacted	Redacted	2028	6	Redacted	Redacted		review
4302	SVCEA	Redacted	Redacted	2028	7	Redacted	Redacted		review
4303	SVCEA	Redacted	Redacted	2028	8	Redacted	Redacted		review
4304	SVCEA	Redacted	Redacted	2028	9	Redacted	Redacted		review
4305	SVCEA	Redacted	Redacted	2028	10	Redacted	Redacted		review
4306	SVCEA	Redacted	Redacted	2028	11	Redacted	Redacted		review
4307	SVCEA	Redacted	Redacted	2028	12	Redacted	Redacted		review
4308	SVCEA	Redacted	Redacted	2029	1	Redacted	Redacted		review
4309	SVCEA	Redacted	Redacted	2029	2	Redacted	Redacted		review
4310	SVCEA	Redacted	Redacted	2029	3	Redacted	Redacted		review
4311	SVCEA	Redacted	Redacted	2029	4	Redacted	Redacted		review
4312	SVCEA	Redacted	Redacted	2029	5	Redacted	Redacted		review
4313	SVCEA	Redacted	Redacted	2029	6	Redacted	Redacted		review
4314	SVCEA	Redacted	Redacted	2029	7	Redacted	Redacted		review
4315	SVCEA	Redacted	Redacted	2029	8	Redacted	Redacted		review
4316	SVCEA	Redacted	Redacted	2029	9	Redacted	Redacted		review
4317	SVCEA	Redacted	Redacted	2029	10	Redacted	Redacted		review
4318	SVCEA	Redacted	Redacted	2029	11	Redacted	Redacted		review
4319	SVCEA	Redacted	Redacted	2029	12	Redacted	Redacted		review
4320	SVCEA	Redacted	Redacted	2030	1	Redacted	Redacted		review
4321	SVCEA	Redacted	Redacted	2030	2	Redacted	Redacted		review
4322	SVCEA	Redacted	Redacted	2030	3	Redacted	Redacted		review
4323	SVCEA	Redacted	Redacted	2030	4	Redacted	Redacted		review
4324	SVCEA	Redacted	Redacted	2030	5	Redacted	Redacted		review
4325	SVCEA	Redacted	Redacted	2030	6	Redacted	Redacted		review

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4290		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4291		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4292		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4293		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4294		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4295		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4296		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4297		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4298		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4299		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4300		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4301		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4302		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4303		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4304		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4305		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4306		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4307		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4308		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4309		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4310		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4311		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4312		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4313		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4314		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4315		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4316		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4317		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4318		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4319		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4320		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4321		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4322		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4323		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4324		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4325		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4290	#N/A	Redacted	ok	special	1	0	Redacted
4291	#N/A	Redacted	ok	special	1	0	Redacted
4292	#N/A	Redacted	ok	special	1	0	Redacted
4293	#N/A	Redacted	ok	special	1	0	Redacted
4294	#N/A	Redacted	ok	special	1	0	Redacted
4295	#N/A	Redacted	ok	special	1	0	Redacted
4296	#N/A	Redacted	ok	special	1	0	Redacted
4297	#N/A	Redacted	ok	special	1	0	Redacted
4298	#N/A	Redacted	ok	special	1	0	Redacted
4299	#N/A	Redacted	ok	special	1	0	Redacted
4300	#N/A	Redacted	ok	special	1	0	Redacted
4301	#N/A	Redacted	ok	special	1	0	Redacted
4302	#N/A	Redacted	ok	special	1	0	Redacted
4303	#N/A	Redacted	ok	special	1	0	Redacted
4304	#N/A	Redacted	ok	special	1	0	Redacted
4305	#N/A	Redacted	ok	special	1	0	Redacted
4306	#N/A	Redacted	ok	special	1	0	Redacted
4307	#N/A	Redacted	ok	special	1	0	Redacted
4308	#N/A	Redacted	ok	special	1	0	Redacted
4309	#N/A	Redacted	ok	special	1	0	Redacted
4310	#N/A	Redacted	ok	special	1	0	Redacted
4311	#N/A	Redacted	ok	special	1	0	Redacted
4312	#N/A	Redacted	ok	special	1	0	Redacted
4313	#N/A	Redacted	ok	special	1	0	Redacted
4314	#N/A	Redacted	ok	special	1	0	Redacted
4315	#N/A	Redacted	ok	special	1	0	Redacted
4316	#N/A	Redacted	ok	special	1	0	Redacted
4317	#N/A	Redacted	ok	special	1	0	Redacted
4318	#N/A	Redacted	ok	special	1	0	Redacted
4319	#N/A	Redacted	ok	special	1	0	Redacted
4320	#N/A	Redacted	ok	special	1	0	Redacted
4321	#N/A	Redacted	ok	special	1	0	Redacted
4322	#N/A	Redacted	ok	special	1	0	Redacted
4323	#N/A	Redacted	ok	special	1	0	Redacted
4324	#N/A	Redacted	ok	special	1	0	Redacted
4325	#N/A	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**
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
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
4320	0	0	1	1	1	1	1	1	1	1
4321	0	0	1	1	1	1	1	1	1	1
4322	0	0	1	1	1	1	1	1	1	1
4323	0	0	1	1	1	1	1	1	1	1
4324	0	0	1	1	1	1	1	1	1	1
4325	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	**lse**	**resource**	**cpuc_contract_id**	**Year**	**Month**	**contract_gwh**	**contracted_nqc_mw_if_known**	**nqc_fraction_if_nqc_not_known**	**contract_status**
4326	SVCEA	Redacted	Redacted	2030	7	Redacted	Redacted		review
4327	SVCEA	Redacted	Redacted	2030	8	Redacted	Redacted		review
4328	SVCEA	Redacted	Redacted	2030	9	Redacted	Redacted		review
4329	SVCEA	Redacted	Redacted	2030	10	Redacted	Redacted		review
4330	SVCEA	Redacted	Redacted	2030	11	Redacted	Redacted		review
4331	SVCEA	Redacted	Redacted	2030	12	Redacted	Redacted		review

	J	K	L	M	N	O	P	Q	R
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier
4326		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4327		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4328		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4329		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4330		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1
4331		Redacted	Redacted	Redacted	1	Redacted	Redacted	0%	1

	S	T	U	V	W	X	Y
1	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource	resource_contract_note
4326	#N/A	Redacted	ok	special	1	0	Redacted
4327	#N/A	Redacted	ok	special	1	0	Redacted
4328	#N/A	Redacted	ok	special	1	0	Redacted
4329	#N/A	Redacted	ok	special	1	0	Redacted
4330	#N/A	Redacted	ok	special	1	0	Redacted
4331	#N/A	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**
4326	0	0	1	1	1	1	1	1	1	1
4327	0	0	1	1	1	1	1	1	1	1
4328	0	0	1	1	1	1	1	1	1	1
4329	0	0	1	1	1	1	1	1	1	1
4330	0	0	1	1	1	1	1	1	1	1
4331	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
1	Redacted	Redacted	Redacted	1	ok	3/19/18	1/1/19	12/31/20	
2	Redacted	Redacted	Redacted	1	ok	3/9/18	1/1/19	12/31/23	
3	Redacted	Redacted	Redacted	1	ok	3/9/18	1/1/19	12/31/23	
4	Redacted	Redacted	Redacted	1	ok	3/30/18	1/1/19	12/31/20	
5	Redacted	Redacted	Redacted	1	ok	3/30/18	1/1/19	12/31/20	
6	Redacted	Redacted	Redacted	1	ok	3/30/18	1/1/19	12/31/20	
7	Redacted	Redacted	Redacted	1	ok	3/28/18	3/1/19	12/31/20	
8	Redacted	Redacted	Redacted	1	ok	3/28/18	1/1/19	12/31/20	
9	Redacted	Redacted	Redacted	1	ok	5/3/18	1/1/19	12/31/21	
10	Redacted	Redacted	Redacted	1	ok	5/24/18	1/1/19	12/31/20	
11	Redacted	Redacted	Redacted	0	ok	10/25/18	6/30/21	6/30/38	
12	Redacted	Redacted	Redacted	0	ok	10/25/18	12/1/21	12/1/41	
13	Redacted	Redacted	Redacted	1	ok	8/13/19	1/1/20	12/31/20	
14	Redacted	Redacted	Redacted	1	ok	8/16/19	1/1/22	12/31/22	
15	Redacted	Redacted	Redacted	1	ok	8/16/19	1/1/22	12/31/22	
16	Redacted	Redacted	Redacted	1	ok	8/22/19	1/1/20	12/31/22	
17	Redacted	Redacted	Redacted	1	ok	9/4/19	6/1/20	6/30/20	
18	Redacted	Redacted	Redacted	1	ok	9/19/19	1/1/20	12/31/22	
19	Redacted	Redacted	Redacted	1	ok	9/26/19	5/1/20	10/1/20	
20	Redacted	Redacted	Redacted	1	ok	10/11/19	1/1/20	12/31/20	
21	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
22	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
23	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
24	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
25	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
26	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
27	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
28	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
29	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
30	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	

resource_num	lse_owned	cam	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh
1	0		**0**		**ok**	**ok**	**ok**	**ok**		
2	0		**0**		**ok**	**ok**	**ok**	**ok**		
3	0		**0**		**ok**	**ok**	**ok**	**ok**		
4	0		**0**		**ok**	**ok**	**ok**	**ok**		
5	0		**0**		**ok**	**ok**	**ok**	**ok**		
6	0		**0**		**ok**	**ok**	**ok**	**ok**		
7	0		**0**		**ok**	**ok**	**ok**	**ok**		
8	0		**0**		**ok**	**ok**	**ok**	**ok**		
9	0		**0**		**ok**	**ok**	**ok**	**ok**		
10	0		**0**		**ok**	**ok**	**ok**	**ok**		
11	1		**1**		**ok**	**ok**	**ok**	**ok**	46.5	186.0
12	1		**1**		**ok**	**ok**	**ok**	**ok**	22.0	88.0
13	0		**0**		**ok**	**ok**	**ok**	**ok**		
14	0		**0**		**ok**	**ok**	**ok**	**ok**		
15	0		**0**		**ok**	**ok**	**ok**	**ok**		
16	0		**0**		**ok**	**ok**	**ok**	**ok**		
17	0		**0**		**ok**	**ok**	**ok**	**ok**		
18	0		**0**		**ok**	**ok**	**ok**	**ok**		
19	0		**1**		**ok**	**ok**	**ok**	**ok**		
20	0		**0**		**ok**	**ok**	**ok**	**ok**		
21	0		**0**		**ok**	**ok**	**ok**	**ok**		
22	0		**0**		**ok**	**ok**	**ok**	**ok**		
23	0		**0**		**ok**	**ok**	**ok**	**ok**		
24	0		**0**		**ok**	**ok**	**ok**	**ok**		
25	0		**0**		**ok**	**ok**	**ok**	**ok**		
26	0		**0**		**ok**	**ok**	**ok**	**ok**		
27	0		**0**		**ok**	**ok**	**ok**	**ok**		
28	0		**0**		**ok**	**ok**	**ok**	**ok**		
29	0		**0**		**ok**	**ok**	**ok**	**ok**		
30	0		**0**		**ok**	**ok**	**ok**	**ok**		

resource_num	is_hybrid	hybrid_generator_mw	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**
1					2018	3	2019	1	2020	12	1	1
2					2018	3	2019	1	2023	12	1	1
3					2018	3	2019	1	2023	12	1	1
4					2018	3	2019	1	2020	12	1	1
5					2018	3	2019	1	2020	12	1	1
6					2018	3	2019	1	2020	12	1	1
7					2018	3	2019	3	2020	12	1	1
8					2018	3	2019	1	2020	12	1	1
9					2018	5	2019	1	2021	12	1	1
10					2018	5	2019	1	2020	12	1	1
11	1	93.0	139.5	0	2018	10	2021	6	2038	6	1	1
12	1	70.0	92.0	0	2018	10	2021	12	2041	12	1	1
13					2019	8	2020	1	2020	12	1	1
14					2019	8	2022	1	2022	12	1	1
15					2019	8	2022	1	2022	12	1	1
16					2019	8	2020	1	2022	12	1	1
17					2019	9	2020	6	2020	6	1	1
18					2019	9	2020	1	2022	12	1	1
19					2019	9	2020	5	2020	10	1	1
20					2019	10	2020	1	2020	12	1	1
21					2019	10	2020	3	2021	11	1	1
22					2019	10	2020	3	2021	11	1	1
23					2019	10	2020	3	2021	11	1	1
24					2019	10	2020	3	2021	11	1	1
25					2019	10	2020	3	2021	11	1	1
26					2019	10	2020	3	2021	11	1	1
27					2019	10	2020	3	2021	11	1	1
28					2019	10	2020	3	2021	11	1	1
29					2019	10	2020	3	2021	11	1	1
30					2019	10	2020	3	2021	11	1	1

resource_num	Test:All data provided for hybrid	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	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
2	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
3	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
4	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
5	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
6	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
7	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
8	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
9	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
10	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
11	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
12	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
13	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
14	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
15	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
16	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
17	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
18	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
19	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
20	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
21	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
22	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
23	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
24	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
25	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
26	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
27	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
28	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
29	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
30	1	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
31	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
32	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
33	Redacted	Redacted	Redacted	1	ok	10/21/19	3/1/20	11/30/21	
34	Redacted	Redacted	Redacted	1	ok	10/21/19	6/1/20	9/30/20	
35	Redacted	Redacted	Redacted	1	ok	10/21/19	4/1/20	11/30/20	
36	Redacted	Redacted	Redacted	1	ok	10/21/19	4/1/20	11/30/20	
37	Redacted	Redacted	Redacted	1	ok	10/21/19	1/1/20	12/31/22	
38	Redacted	Redacted	Redacted	1	ok	10/22/19	7/1/20	7/31/20	
39	Redacted	Redacted	Redacted	1	ok	10/25/19	1/1/20	12/31/20	
40	Redacted	Redacted	Redacted	1	ok	10/25/19	1/1/20	12/31/20	
41	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	3/31/20	
42	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	3/31/20	
43	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	3/31/20	
44	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	12/31/20	
45	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	12/31/20	
46	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	12/31/20	
47	Redacted	Redacted	Redacted	1	ok	10/29/19	1/1/20	12/31/20	
48	Redacted	Redacted	Redacted	1	ok	10/28/19	10/1/21	12/31/21	
49	Redacted	Redacted	Redacted	1	ok	10/28/19	9/1/20	9/30/20	
50	Redacted	Redacted	Redacted	1	ok	10/1/19	12/1/20	12/31/20	
51	Redacted	Redacted	Redacted	1	ok	10/8/19	1/1/21	12/31/21	
52	Redacted	Redacted	Redacted	1	ok	10/30/19	3/1/20	10/31/20	
53	Redacted	Redacted	Redacted	1	ok	10/30/19	3/1/20	10/31/20	
54	Redacted	Redacted	Redacted	1	ok	10/30/19	3/1/20	10/31/20	
55	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	10/31/20	
56	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	10/31/20	
57	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	10/31/20	
58	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	10/31/20	
59	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	11/30/20	
60	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	11/30/20	

resource_num	lse_owned	cam	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh
31	0		**0**		**ok**	**ok**	**ok**	**ok**		
32	0		**0**		**ok**	**ok**	**ok**	**ok**		
33	0		**0**		**ok**	**ok**	**ok**	**ok**		
34	0		**1**		**ok**	**ok**	**ok**	**ok**		
35	0		**0**		**ok**	**ok**	**ok**	**ok**		
36	0		**0**		**ok**	**ok**	**ok**	**ok**		
37	0		**0**		**ok**	**ok**	**ok**	**ok**		
38	0		**0**		**ok**	**ok**	**ok**	**ok**		
39	0		**0**		**ok**	**ok**	**ok**	**ok**		
40	0		**0**		**ok**	**ok**	**ok**	**ok**		
41	0		**0**		**ok**	**ok**	**ok**	**ok**		
42	0		**0**		**ok**	**ok**	**ok**	**ok**		
43	0		**0**		**ok**	**ok**	**ok**	**ok**		
44	0		**0**		**ok**	**ok**	**ok**	**ok**		
45	0		**0**		**ok**	**ok**	**ok**	**ok**		
46	0		**0**		**ok**	**ok**	**ok**	**ok**		
47	0		**0**		**ok**	**ok**	**ok**	**ok**		
48	0		**0**		**ok**	**ok**	**ok**	**ok**		
49	0		**0**		**ok**	**ok**	**ok**	**ok**		
50	0		**0**		**ok**	**ok**	**ok**	**ok**		
51	0		**0**		**ok**	**ok**	**ok**	**ok**		
52	0		**0**		**ok**	**ok**	**ok**	**ok**		
53	0		**0**		**ok**	**ok**	**ok**	**ok**		
54	0		**0**		**ok**	**ok**	**ok**	**ok**		
55	0		**0**		**ok**	**ok**	**ok**	**ok**		
56	0		**0**		**ok**	**ok**	**ok**	**ok**		
57	0		**0**		**ok**	**ok**	**ok**	**ok**		
58	0		**0**		**ok**	**ok**	**ok**	**ok**		
59	0		**0**		**ok**	**ok**	**ok**	**ok**		
60	0		**0**		**ok**	**ok**	**ok**	**ok**		

resource_num	is_hybrid	hybrid_generator_mw	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**
31					2019	10	2020	3	2021	11	1	1
32					2019	10	2020	3	2021	11	1	1
33					2019	10	2020	3	2021	11	1	1
34					2019	10	2020	6	2020	9	1	1
35					2019	10	2020	4	2020	11	1	1
36					2019	10	2020	4	2020	11	1	1
37					2019	10	2020	1	2022	12	1	1
38					2019	10	2020	7	2020	7	1	1
39					2019	10	2020	1	2020	12	1	1
40					2019	10	2020	1	2020	12	1	1
41					2019	10	2020	1	2020	3	1	1
42					2019	10	2020	1	2020	3	1	1
43					2019	10	2020	1	2020	3	1	1
44					2019	10	2020	1	2020	12	1	1
45					2019	10	2020	1	2020	12	1	1
46					2019	10	2020	1	2020	12	1	1
47					2019	10	2020	1	2020	12	1	1
48					2019	10	2021	10	2021	12	1	1
49					2019	10	2020	9	2020	9	1	1
50					2019	10	2020	12	2020	12	1	1
51					2019	10	2021	1	2021	12	1	1
52					2019	10	2020	3	2020	10	1	1
53					2019	10	2020	3	2020	10	1	1
54					2019	10	2020	3	2020	10	1	1
55					2019	10	2020	1	2020	10	1	1
56					2019	10	2020	1	2020	10	1	1
57					2019	10	2020	1	2020	10	1	1
58					2019	10	2020	1	2020	10	1	1
59					2019	10	2020	1	2020	11	1	1
60					2019	10	2020	1	2020	11	1	1

resource_num	Test:All data provided for hybrid	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
31	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
32	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
33	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
34	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
35	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
36	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
37	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
38	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
39	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
40	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
41	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
42	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
43	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
44	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
45	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
46	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
47	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
48	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
49	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
50	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
51	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
52	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
53	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
54	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
55	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
56	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
57	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
58	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
59	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
60	1	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
61	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	11/30/20	
62	Redacted	Redacted	Redacted	1	ok	10/31/19	10/1/20	11/30/20	
63	Redacted	Redacted	Redacted	1	ok	10/30/19	6/1/20	9/30/20	
64	Redacted	Redacted	Redacted	1	ok	10/31/19	1/1/22	10/31/22	
65	Redacted	Redacted	Redacted	1	ok	10/31/19	1/1/22	10/31/22	
66	Redacted	Redacted	Redacted	1	ok	10/28/19	1/1/20	12/31/22	
67	Redacted	Redacted	Redacted	1	ok	10/28/19	1/1/20	12/31/22	
68	Redacted	Redacted	Redacted	1	ok	10/28/19	1/1/20	12/31/22	
69	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/21	9/30/21	
70	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	11/30/20	
71	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	2/29/20	
72	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/20	2/29/20	
73	Redacted	Redacted	Redacted	1	ok	10/30/19	1/1/21	12/31/22	
74	Redacted	Redacted	Redacted	1	ok	10/30/19	11/1/22	12/31/22	
75	Redacted	Redacted	Redacted	1	ok	11/14/19	1/1/20	12/31/20	
76	Redacted	Redacted	Redacted	1	ok	11/14/19	1/1/20	12/31/20	
77	Redacted	Redacted	Redacted	1	ok	11/14/19	3/1/20	3/31/20	
78	Redacted	Redacted	Redacted	1	ok	11/14/19	3/1/20	3/31/20	
79	Redacted	Redacted	Redacted	1	ok	12/6/19	2/1/20	11/30/20	
80	Redacted	Redacted	Redacted	1	ok	12/6/19	2/1/20	11/30/20	
81	Redacted	Redacted	Redacted	1	ok	12/6/19	4/1/20	11/30/20	
82	Redacted	Redacted	Redacted	1	ok	12/11/19	2/1/20	2/29/20	
83	Redacted	Redacted	Redacted	0	ok	1/8/20	12/31/21	12/31/32	
84	Redacted	Redacted	Redacted	1	ok	4/8/20	1/1/22	12/31/36	
85	Redacted	Redacted	Redacted	1	ok	1/13/20	3/1/20	8/31/20	
86	Redacted	Redacted	Redacted	1	ok	1/13/20	3/1/20	8/31/20	
87	Redacted	Redacted	Redacted	1	ok	1/9/20	5/1/20	5/31/20	
88	Redacted	Redacted	Redacted	1	ok	1/13/20	4/1/20	11/30/20	
89	Redacted	Redacted	Redacted	1	ok	1/28/20	7/1/20	7/31/20	
90	Redacted	Redacted	Redacted	1	ok	2/3/20	4/1/20	12/31/20	

resource_num	lse_owned	cam	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh
61	0		**0**		**ok**	**ok**	**ok**	**ok**		
62	0		**0**		**ok**	**ok**	**ok**	**ok**		
63	0		**1**		**ok**	**ok**	**ok**	**ok**		
64	0		**0**		**ok**	**ok**	**ok**	**ok**		
65	0		**0**		**ok**	**ok**	**ok**	**ok**		
66	0		**0**		**ok**	**ok**	**ok**	**ok**		
67	0		**0**		**ok**	**ok**	**ok**	**ok**		
68	0		**0**		**ok**	**ok**	**ok**	**ok**		
69	0		**0**		**ok**	**ok**	**ok**	**ok**		
70	0		**0**		**ok**	**ok**	**ok**	**ok**		
71	0		**0**		**ok**	**ok**	**ok**	**ok**		
72	0		**0**		**ok**	**ok**	**ok**	**ok**		
73	0		**0**		**ok**	**ok**	**ok**	**ok**		
74	0		**0**		**ok**	**ok**	**ok**	**ok**		
75	0		**0**		**ok**	**ok**	**ok**	**ok**		
76	0		**0**		**ok**	**ok**	**ok**	**ok**		
77	0		**0**		**ok**	**ok**	**ok**	**ok**		
78	0		**0**		**ok**	**ok**	**ok**	**ok**		
79	0		**0**		**ok**	**ok**	**ok**	**ok**		
80	0		**0**		**ok**	**ok**	**ok**	**ok**		
81	0		**0**		**ok**	**ok**	**ok**	**ok**		
82	0		**0**		**ok**	**ok**	**ok**	**ok**		
83	1		**1**		**ok**	**ok**	**ok**	**ok**		
84	1		**0**		**ok**	**ok**	**ok**	**ok**		
85	0		**0**		**ok**	**ok**	**ok**	**ok**		
86	0		**0**		**ok**	**ok**	**ok**	**ok**		
87	0		**0**		**ok**	**ok**	**ok**	**ok**		
88	0		**0**		**ok**	**ok**	**ok**	**ok**		
89	0		**1**		**ok**	**ok**	**ok**	**ok**		
90	0		**0**		**ok**	**ok**	**ok**	**ok**		

resource_num	is_hybrid	hybrid_generator_mw	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**
61					2019	10	2020	1	2020	11	1	1
62					2019	10	2020	10	2020	11	1	1
63					2019	10	2020	6	2020	9	1	1
64					2019	10	2022	1	2022	10	1	1
65					2019	10	2022	1	2022	10	1	1
66					2019	10	2020	1	2022	12	1	1
67					2019	10	2020	1	2022	12	1	1
68					2019	10	2020	1	2022	12	1	1
69					2019	10	2021	1	2021	9	1	1
70					2019	10	2020	1	2020	11	1	1
71					2019	10	2020	1	2020	2	1	1
72					2019	10	2020	1	2020	2	1	1
73					2019	10	2021	1	2022	12	1	1
74					2019	10	2022	11	2022	12	1	1
75					2019	11	2020	1	2020	12	1	1
76					2019	11	2020	1	2020	12	1	1
77					2019	11	2020	3	2020	3	1	1
78					2019	11	2020	3	2020	3	1	1
79					2019	12	2020	2	2020	11	1	1
80					2019	12	2020	2	2020	11	1	1
81					2019	12	2020	4	2020	11	1	1
82					2019	12	2020	2	2020	2	1	1
83	0				2020	1	2021	12	2032	12	1	1
84	0				2020	4	2022	1	2036	12	1	1
85					2020	1	2020	3	2020	8	1	1
86					2020	1	2020	3	2020	8	1	1
87					2020	1	2020	5	2020	5	1	1
88					2020	1	2020	4	2020	11	1	1
89					2020	1	2020	7	2020	7	1	1
90					2020	2	2020	4	2020	12	1	1

resource_num	Test:All data provided for hybrid	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
61	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
62	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
63	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
64	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
65	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
66	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
67	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
68	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
69	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
70	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
71	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
72	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
73	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
74	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
75	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
76	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
77	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
78	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
79	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
80	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
81	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
82	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
83	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
84	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
85	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
86	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
87	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
88	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
89	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
90	1	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
91	Redacted	Redacted	Redacted	1	ok	2/3/20	4/1/20	12/31/20	
92	Redacted	Redacted	Redacted	1	ok	2/7/20	4/1/20	4/30/20	
93	Redacted	Redacted	Redacted	1	ok	2/7/20	4/1/20	4/30/20	
94	Redacted	Redacted	Redacted	1	ok	2/19/20	6/1/20	6/30/20	
95	Redacted	Redacted	Redacted	1	ok	2/28/20	1/1/21	12/31/23	
96	Redacted	Redacted	Redacted	1	ok	3/10/20	7/1/20	7/31/20	
97	Redacted	Redacted	Redacted	1	ok	1/8/20	7/1/20	9/30/20	
98	Redacted	Redacted	Redacted	1	ok	3/27/20	1/1/21	12/31/21	
99	Redacted	Redacted	Redacted	0	ok	4/8/20	6/30/22	6/29/37	
100	Redacted	Redacted	Redacted	1	ok	4/13/20	9/1/20	9/30/20	
101	Redacted	Redacted	Redacted	1	ok	4/27/20	9/1/20	9/30/20	
102	Redacted	Redacted	Redacted	1	ok	4/24/20	9/1/20	9/30/20	
103	Redacted	Redacted	Redacted	1	ok	5/6/20	1/1/22	12/31/20	
104	Redacted	Redacted	Redacted	1	ok	5/7/20	7/1/20	7/31/20	
105	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	8/30/20	
106	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	8/30/20	
107	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	8/30/20	
108	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	8/30/20	
109	Redacted	Redacted	Redacted	1	ok	5/12/20	7/1/20	7/31/20	
110	Redacted	Redacted	Redacted	0	ok	5/14/20	12/1/22	11/30/42	
111	Redacted	Redacted	Redacted	1	ok	5/18/20	1/1/21	12/31/22	
112	Redacted	Redacted	Redacted	1	ok	5/21/20	8/1/20	8/31/20	
113	Redacted	Redacted	Redacted	1	ok	5/26/20	8/1/20	8/31/20	
114	Redacted	Redacted	Redacted	1	ok	5/27/20	8/1/20	12/31/20	
115	Redacted	Redacted	Redacted	1	ok	5/27/20	8/1/20	12/31/20	
116	Redacted	Redacted	Redacted	1	ok	5/27/20	8/1/20	12/31/20	
117	Redacted	Redacted	Redacted	0	ok	6/10/20	6/30/23	6/29/43	
118	Redacted	Redacted	Redacted	1	ok	6/19/20	10/1/22	12/31/23	
119	Redacted	Redacted	Redacted	0	ok				
120	Redacted	Redacted	Redacted	1	ok				

resource_num	lse_owned	cam	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh
91	0		0		ok	ok	ok	ok		
92	0		0		ok	ok	ok	ok		
93	0		0		ok	ok	ok	ok		
94	0		0		ok	ok	ok	ok		
95	0		1		ok	ok	ok	ok		
96	0		0		ok	ok	ok	ok		
97	0		0		ok	ok	ok	ok		
98	0		0		ok	ok	ok	ok		
99	1		1		ok	ok	ok	ok	8.0	20.0
100	0		0		ok	ok	ok	ok		
101	0		1		ok	ok	ok	ok		
102	0		1		ok	ok	ok	ok		
103	0		0		ok	ok	ok	ok		
104	0		0		ok	ok	ok	ok		
105	0		0		ok	ok	ok	ok		
106	0		0		ok	ok	ok	ok		
107	0		0		ok	ok	ok	ok		
108	0		0		ok	ok	ok	ok		
109	0		0		ok	ok	ok	ok		
110	1		1		ok	ok	ok	ok	26.0	104.0
111	0		0		ok	ok	ok	ok		
112	0		0		ok	ok	ok	ok		
113	0		0		ok	ok	ok	ok		
114	0		0		ok	ok	ok	ok		
115	0		0		ok	ok	ok	ok		
116	0		0		ok	ok	ok	ok		
117	1		1		ok	ok	ok	ok	20.0	60.0
118	0		0		ok	ok	ok	ok	46.5	186.0
119			1		ok	ok	ok	ok		
120			0		ok	ok	ok	ok		

resource_num	is_hybrid	hybrid_generator_mw	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**
91					2020	2	2020	4	2020	12	1	1
92					2020	2	2020	4	2020	4	1	1
93					2020	2	2020	4	2020	4	1	1
94					2020	2	2020	6	2020	6	1	1
95					2020	2	2021	1	2023	12	1	1
96					2020	3	2020	7	2020	7	1	1
97					2020	1	2020	7	2020	9	1	1
98					2020	3	2021	1	2021	12	1	1
99	1	40.0	48.0	0	2020	4	2022	6	2037	6	1	1
100					2020	4	2020	9	2020	9	1	1
101					2020	4	2020	9	2020	9	1	1
102					2020	4	2020	9	2020	9	1	1
103					2020	5	2022	1	2020	12	1	1
104					2020	5	2020	7	2020	7	1	1
105					2020	5	2020	7	2020	8	1	1
106					2020	5	2020	7	2020	8	1	1
107					2020	5	2020	7	2020	8	1	1
108					2020	5	2020	7	2020	8	1	1
109					2020	5	2020	7	2020	7	1	1
110	1	50.0	76.0	0	2020	5	2022	12	2042	11	1	1
111					2020	5	2021	1	2022	12	1	1
112					2020	5	2020	8	2020	8	1	1
113					2020	5	2020	8	2020	8	1	1
114					2020	5	2020	8	2020	12	1	1
115					2020	5	2020	8	2020	12	1	1
116					2020	5	2020	8	2020	12	1	1
117	1	80.0	100.0	0	2020	6	2023	6	2043	6	1	1
118	1	93.0	139.5	0	2020	6	2022	10	2023	12	1	1
119					2020	6	2022	10	2023	12	1	1
120					1900	1	1900	1	1900	1	1	1

resource_num	Test:All data provided for hybrid	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
91	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
92	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
93	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
94	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
95	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
96	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
97	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
98	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
99	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
100	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
101	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
102	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
103	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
104	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
105	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
106	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
107	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
108	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
109	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
110	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
111	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
112	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
113	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
114	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
115	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
116	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
117	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
118	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
119	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
120	1	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
121	Redacted	Redacted	Redacted	1	ok				
122	Redacted	Redacted	Redacted	1	ok				
123	Redacted	Redacted	Redacted	1	ok				
124	Redacted	Redacted	Redacted	0	ok				
125	Redacted	Redacted	Redacted	1	ok				
126	Redacted	Redacted	Redacted	0	ok				
127	Redacted	Redacted	Redacted	1	ok				
128	Redacted	Redacted	Redacted	0	ok				
129	Redacted	Redacted	Redacted	0	ok				
130	Redacted	Redacted	Redacted	0	ok				
131	Redacted	Redacted	Redacted	1	ok				
132	Redacted	Redacted	Redacted	1	ok				
133	Redacted	Redacted	Redacted	0	ok				
134	Redacted	Redacted	Redacted	0	ok				
135	Redacted	Redacted	Redacted	0	ok				
136	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21	
137	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21	
138	Redacted	Redacted	Redacted	1	ok	12/15/16	1/1/17	12/31/21	
139	Redacted	Redacted	Redacted	1	ok	2/23/18	5/1/18	12/31/21	
140	Redacted	Redacted	Redacted	1	ok	2/28/18	1/1/19	12/31/23	
141	Redacted	Redacted	Redacted	1	ok	5/5/20	1/1/21	12/31/21	
142	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21	
143	Redacted	Redacted	Redacted	1	ok	12/15/16	1/1/17	12/31/21	
144	Redacted	Redacted	Redacted	1	ok	2/23/18	5/1/18	12/31/21	
145	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20	
146	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20	
147	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20	
148	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20	
149	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20	
150	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20	

resource_num	lse_owned	cam	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh
121		1	0		ok	ok	ok	ok		
122			0		ok	ok	ok	ok		
123			1		ok	ok	ok	ok		
124			1		ok	ok	ok	ok		
125			1		ok	ok	ok	ok		
126			1		ok	ok	ok	ok		
127			1		ok	ok	ok	ok		
128			1		ok	ok	ok	ok		
129			1		ok	ok	ok	ok		
130			1		ok	ok	ok	ok		
131			1		ok	ok	ok	ok		
132			1		ok	ok	ok	ok		
133			1		ok	ok	ok	ok		
134			1		ok	ok	ok	ok		
135			1		ok	ok	ok	ok		
136	0		1		ok	ok	ok	ok		
137	0		0		ok	ok	ok	ok		
138	0		1		ok	ok	ok	ok		
139	0		1		ok	ok	ok	ok		
140	0		0		ok	ok	ok	ok		
141	0		1		ok	ok	ok	ok		
142	0		0		ok	ok	ok	ok		
143	0		0		ok	ok	ok	ok		
144	0		0		ok	ok	ok	ok		
145	0		0		ok	ok	ok	ok		
146	0		0		ok	ok	ok	ok		
147	0		0		ok	ok	ok	ok		
148	0		0		ok	ok	ok	ok		
149	0		0		ok	ok	ok	ok		
150	0		0		ok	ok	ok	ok		

resource_num	is_hybrid	hybrid_generator_mw	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**
121					1900	1	1900	1	1900	1	1	1
122					1900	1	1900	1	1900	1	1	1
123					1900	1	1900	1	1900	1	1	1
124					1900	1	1900	1	1900	1	1	1
125					1900	1	1900	1	1900	1	1	1
126					1900	1	1900	1	1900	1	1	1
127					1900	1	1900	1	1900	1	1	1
128					1900	1	1900	1	1900	1	1	1
129					1900	1	1900	1	1900	1	1	1
130					1900	1	1900	1	1900	1	1	1
131					1900	1	1900	1	1900	1	1	1
132					1900	1	1900	1	1900	1	1	1
133					1900	1	1900	1	1900	1	1	1
134					1900	1	1900	1	1900	1	1	1
135					1900	1	1900	1	1900	1	1	1
136					2016	12	2017	4	2021	12	1	1
137					2016	12	2017	4	2021	12	1	1
138					2016	12	2017	1	2021	12	1	1
139					2018	2	2018	5	2021	12	1	1
140					2018	2	2019	1	2023	12	1	1
141					2020	5	2021	1	2021	12	1	1
142					2016	12	2017	4	2021	12	1	1
143					2016	12	2017	1	2021	12	1	1
144					2018	2	2018	5	2021	12	1	1
145					2020	2	2020	6	2020	9	1	1
146					2020	2	2020	6	2020	9	1	1
147					2020	2	2020	6	2020	9	1	1
148					2020	2	2020	6	2020	9	1	1
149					2020	2	2020	3	2020	12	1	1
150					2020	2	2020	3	2020	12	1	1

resource_num	Test:All data provided for hybrid	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
121	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
122	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
123	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
124	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
125	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
126	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
127	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
128	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
129	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
130	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
131	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
132	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
133	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
134	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
135	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
136	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
137	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
138	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
139	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
140	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
141	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
142	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
143	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
144	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
145	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
146	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
147	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
148	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
149	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
150	1	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
151	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20	
152	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20	
153	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20	
154	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20	
155	Redacted	Redacted	Redacted	1	ok	2/24/20	3/1/20	12/31/20	
156	Redacted	Redacted	Redacted	1	ok	2/26/20	6/1/20	9/30/20	
157	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21	
158	Redacted	Redacted	Redacted	1	ok	12/15/16	4/1/17	12/31/21	
159	Redacted	Redacted	Redacted	1	ok	12/15/16	1/1/17	12/31/20	
160	Redacted	Redacted	Redacted	1	ok	4/10/18	6/1/18	12/31/21	
161	Redacted	Redacted	Redacted	1	ok	1/8/19	1/8/19	12/31/20	
162	Redacted	Redacted	Redacted	1	ok	5/6/19	1/1/20	12/31/20	
163	Redacted	Redacted	Redacted	1	ok	5/10/19	6/1/19	12/31/20	
164	Redacted	Redacted	Redacted	1	ok	5/9/19	1/1/20	12/31/20	
165	Redacted	Redacted	Redacted	1	ok	11/5/19	1/1/20	12/31/21	
166	Redacted	Redacted	Redacted	1	ok	2/7/20	2/8/20	12/31/20	
167	Redacted	Redacted	Redacted	1	ok	1/30/20	1/30/20	12/31/20	
168	Redacted	Redacted	Redacted	1	ok	6/8/20	1/1/21	12/31/21	
169	Redacted	Redacted	Redacted	1	ok	9/1/20	1/1/21	12/21/30	N/A
170	Redacted	Redacted	Redacted	1	ok	9/1/20	1/1/21	12/21/30	N/A
171	Redacted	Redacted	Redacted	1	ok	9/1/20	1/1/21	12/21/30	N/A
172	Redacted	Redacted	Redacted	1	ok	9/1/20	1/1/21	12/21/30	N/A
173	Redacted	Redacted	Redacted	1	ok		1/1/25		N/A

resource_num	lse_owned	cam	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh
151	0		**0**		**ok**	**ok**	**ok**	**ok**		
152	0		**0**		**ok**	**ok**	**ok**	**ok**		
153	0		**0**		**ok**	**ok**	**ok**	**ok**		
154	0		**0**		**ok**	**ok**	**ok**	**ok**		
155	0		**0**		**ok**	**ok**	**ok**	**ok**		
156	0		**0**		**ok**	**ok**	**ok**	**ok**		
157	0		**0**		**ok**	**ok**	**ok**	**ok**		
158	0		**0**		**ok**	**ok**	**ok**	**ok**		
159	0		**0**		**ok**	**ok**	**ok**	**ok**		
160	0		**0**		**ok**	**ok**	**ok**	**ok**		
161	0		**1**		**ok**	**ok**	**ok**	**ok**		
162	0		**0**		**ok**	**ok**	**ok**	**ok**		
163	0		**0**		**ok**	**ok**	**ok**	**ok**		
164	0		**0**		**ok**	**ok**	**ok**	**ok**		
165	0		**0**		**ok**	**ok**	**ok**	**ok**		
166	0		**0**		**ok**	**ok**	**ok**	**ok**		
167	0		**1**		**ok**	**ok**	**ok**	**ok**		
168	0		**0**		**ok**	**ok**	**ok**	**ok**		
169	0		**0**		**ok**	**ok**	**ok**	**ok**		
170	0		**0**		**ok**	**ok**	**ok**	**ok**		
171	0		**0**		**ok**	**ok**	**ok**	**ok**		
172	0		**0**		**ok**	**ok**	**ok**	**ok**		
173	0		**0**		**ok**	**ok**	**ok**	**ok**		

resource_num	is_hybrid	hybrid_generator_mw	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**
151					2020	2	2020	3	2020	12	1	1
152					2020	2	2020	6	2020	9	1	1
153					2020	2	2020	6	2020	9	1	1
154					2020	2	2020	3	2020	12	1	1
155					2020	2	2020	3	2020	12	1	1
156					2020	2	2020	6	2020	9	1	1
157					2016	12	2017	4	2021	12	1	1
158					2016	12	2017	4	2021	12	1	1
159					2016	12	2017	1	2020	12	1	1
160					2018	4	2018	6	2021	12	1	1
161					2019	1	2019	1	2020	12	1	1
162					2019	5	2020	1	2020	12	1	1
163					2019	5	2019	6	2020	12	1	1
164					2019	5	2020	1	2020	12	1	1
165					2019	11	2020	1	2021	12	1	1
166					2020	2	2020	2	2020	12	1	1
167					2020	1	2020	1	2020	12	1	1
168					2020	6	2021	1	2021	12	1	1
169					2020	9	2021	1	2030	12	1	1
170					2020	9	2021	1	2030	12	1	1
171					2020	9	2021	1	2030	12	1	1
172					2020	9	2021	1	2030	12	1	1
173					1900	1	2025	1	1900	1	1	1

resource_num	Test:All data provided for hybrid	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
151	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
152	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
153	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
154	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
155	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
156	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
157	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
158	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
159	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
160	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
161	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
162	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
163	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
164	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
165	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
166	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
167	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
168	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
169	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
170	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
171	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
172	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
173	1	1	1	Redacted	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

monthly_gwh_mw

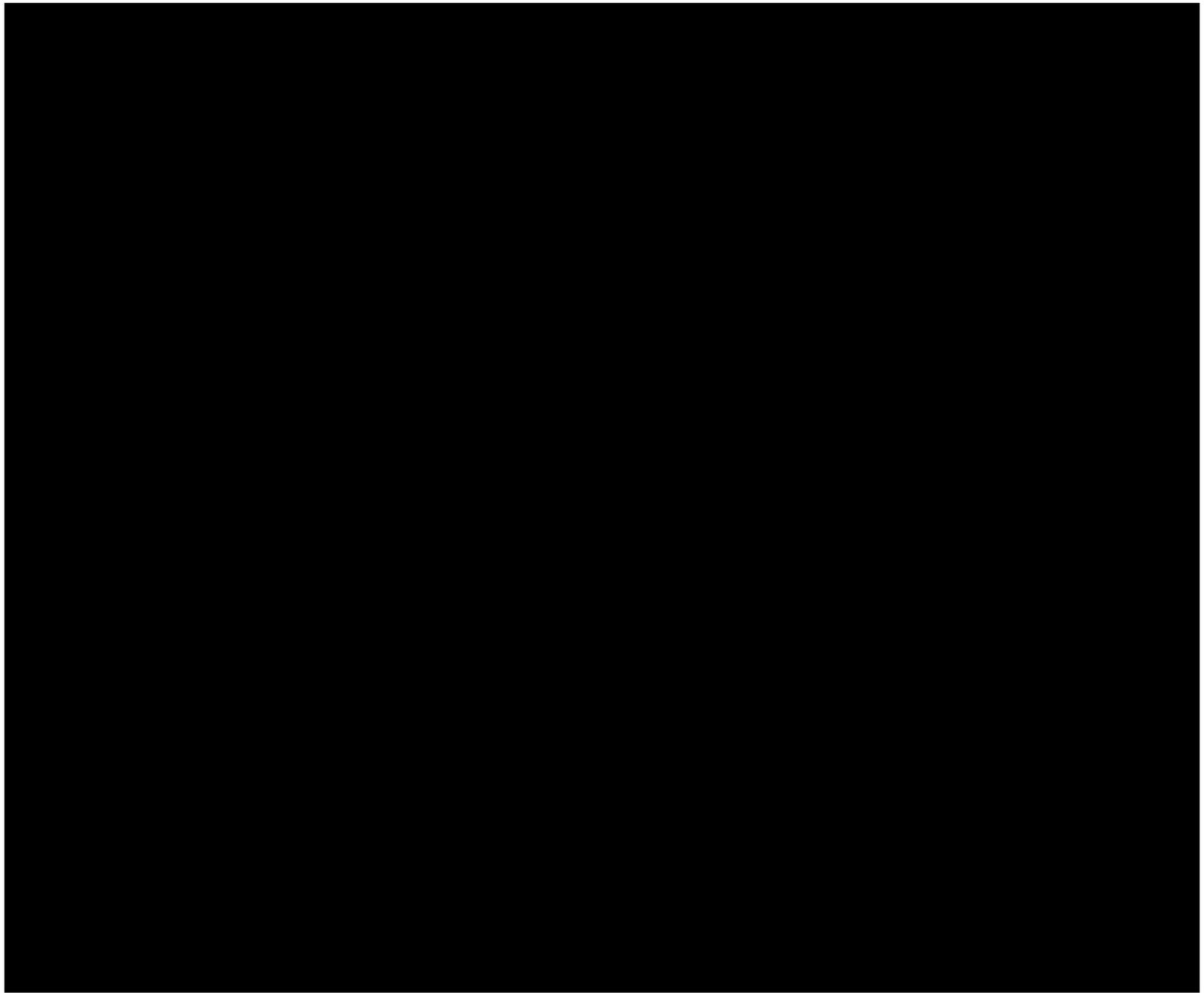
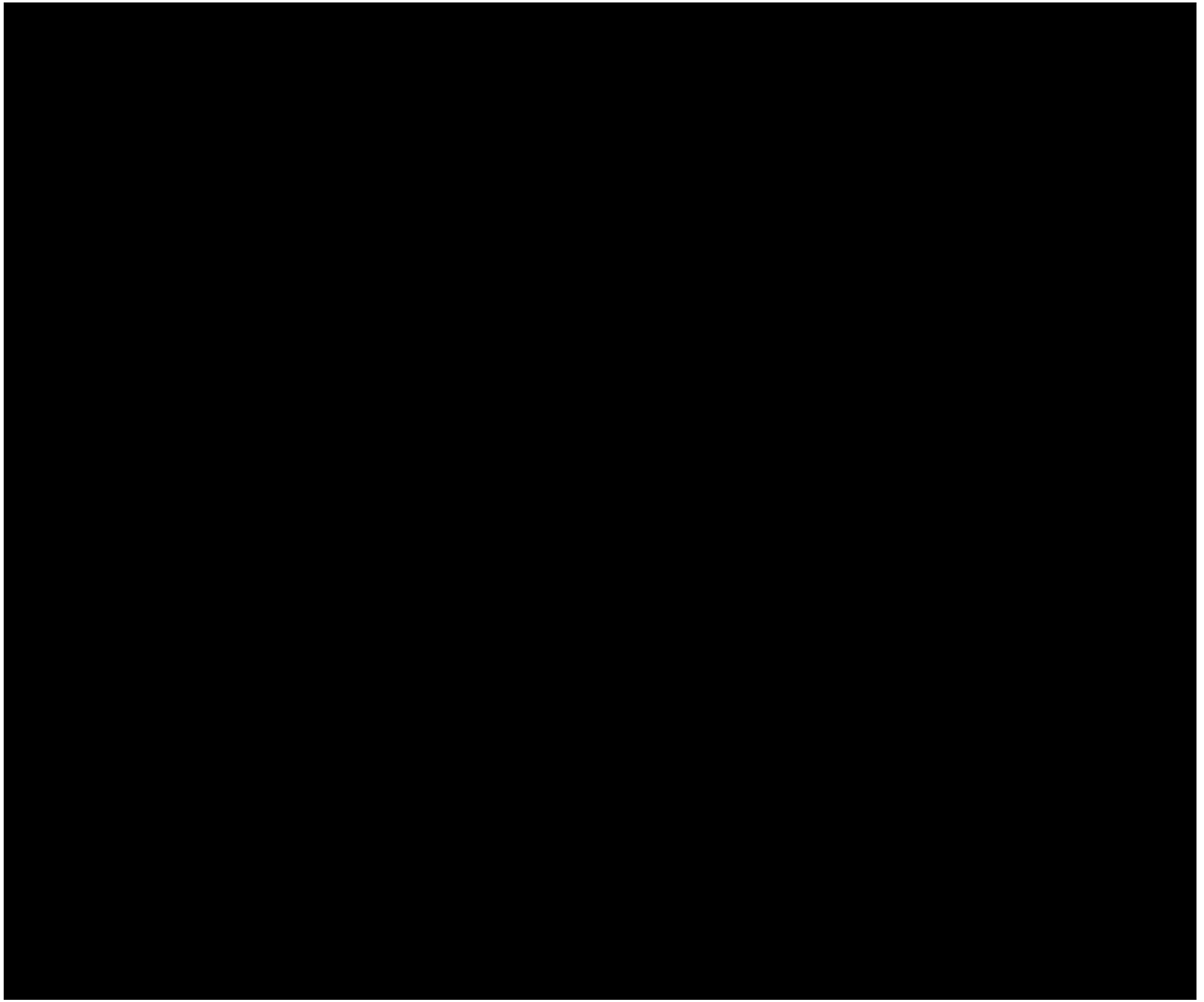
Test: Correct data type for resource	Test: Correct data type for Year	Test: Correct data type for Month	TEST: No blanks in energy and capacity data	TEST: No missing data	Test: Correct data type for max_mw	TEST: NQC provided only once	TEST: Working ELCC type
0	0	0	0	0	0	0	0

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