



**SILICON VALLEY  
CLEAN ENERGY**

# Board of Directors Meeting

July 13, 2016



GODBE RESEARCH  
Gain Insight



## Silicon Valley Clean Energy/MIG: Community Choice Energy Resident Survey

July 2016

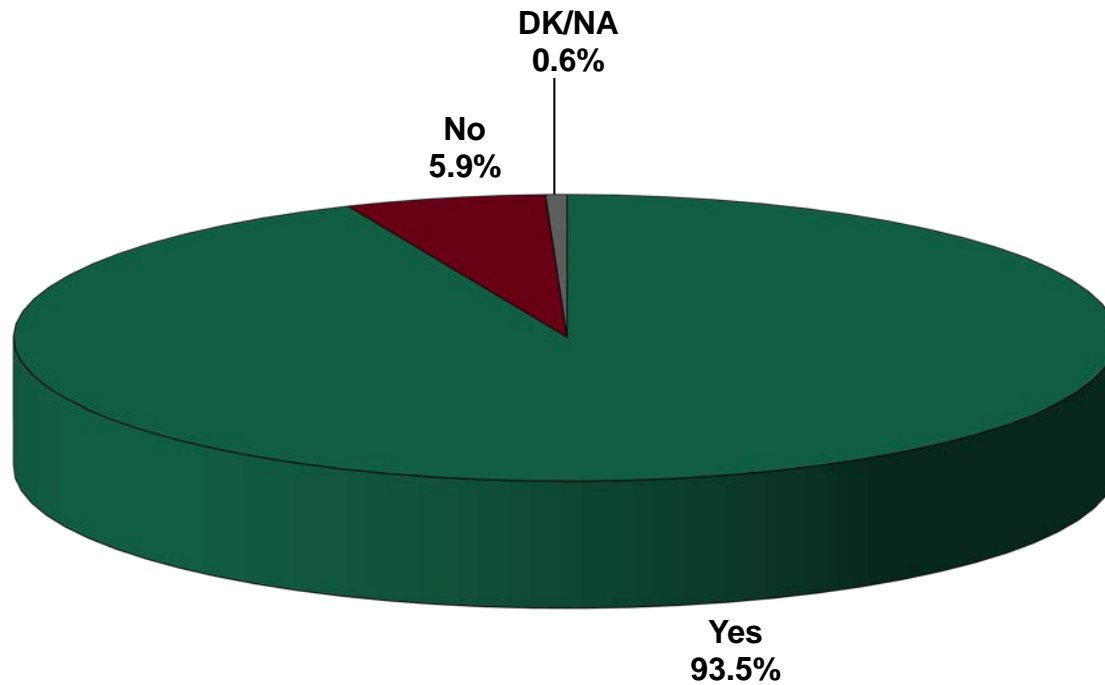
Silicon Valley Clean Energy (SVCE), through MIG, commissioned Godbe Research to conduct a survey of residents in eleven (11) participating cities/towns as well as unincorporated Santa Clara County with the following primary research objectives:

- Determine the importance and perceived effort of addressing climate change in Santa Clara County;
- Evaluate initial interest in the upcoming SVCE Community Choice Energy (CCE) Program, and;
- Assess interest in potential future SVCE CCE Program options by amount of renewable energy content and price increase/savings associated with that amount of renewable energy content.

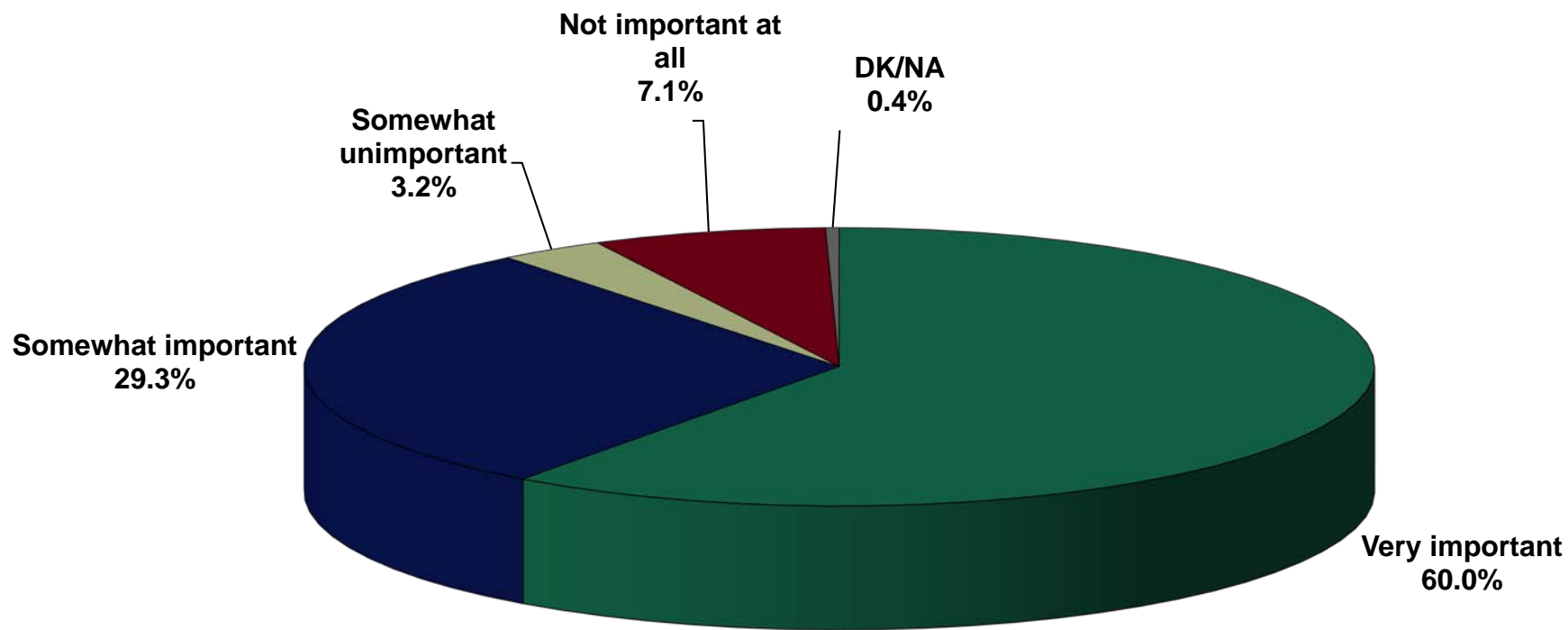
- Data Collection Telephone and Internet Interviewing
- Universe 459,044 adult (age 18 and older) residents in eleven cities/towns and unincorporated areas in Santa Clara County
- Fielding Dates May 29 through June 12, 2016
- Interview Length 18-minutes
- Sample Size n=601
- Interview Breakdown  
Internet = 46  
Cell phone = 197  
Landline = 359
- Margin of Error +/-3.99% at the 95% confidence level

Note: The data have been weighted by respondent gender, age, ethnicity and city/area of residence to reflect the actual population characteristics of the adult residents in the areas surveyed in Santa Clara County (2014 ACS or American Community Survey).

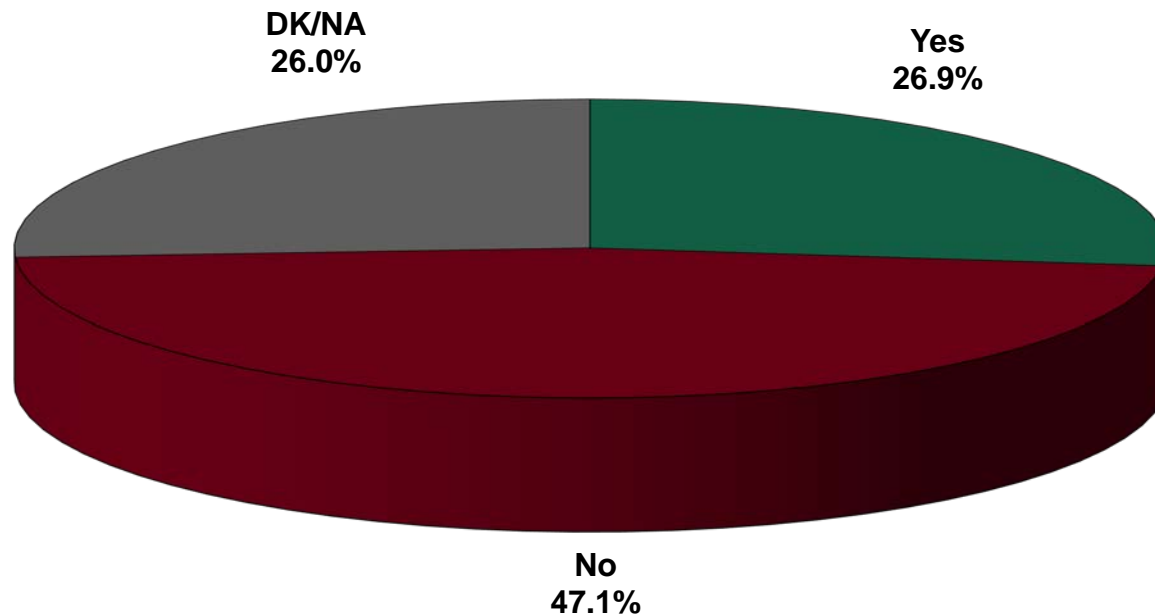
## Q2. Familiarity with the Term Climate Change (n=601)



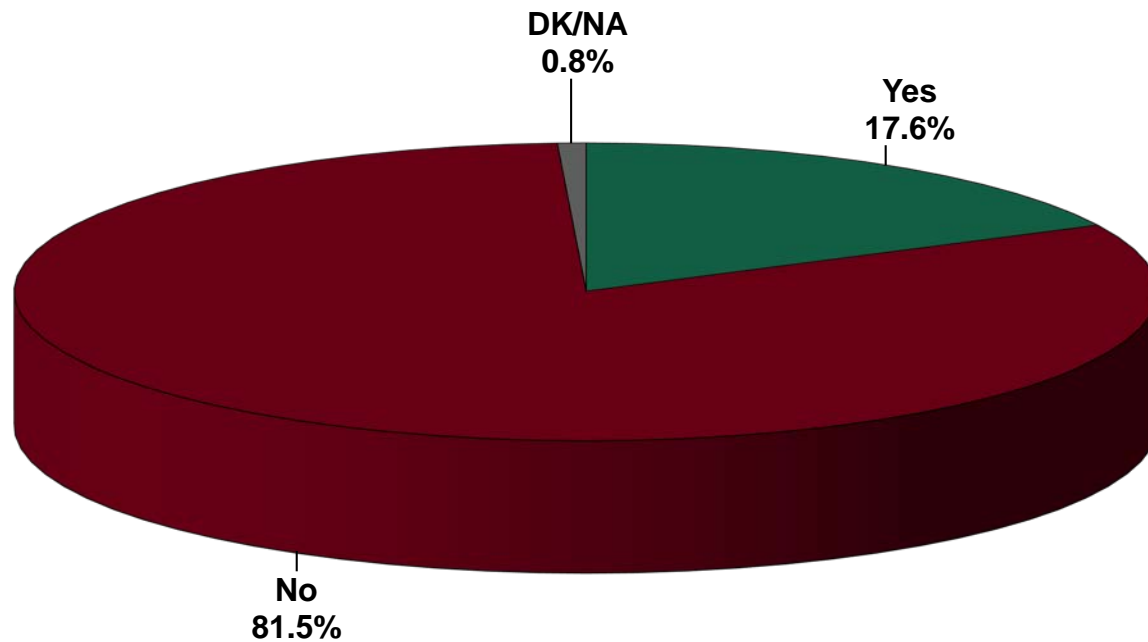
# Q3. Opinion on Whether Addressing Climate Change in Santa Clara County is Important (n=562)



# Q4. Perception on if Enough Being Done to Address Climate Change in Santa Clara County (n=562)

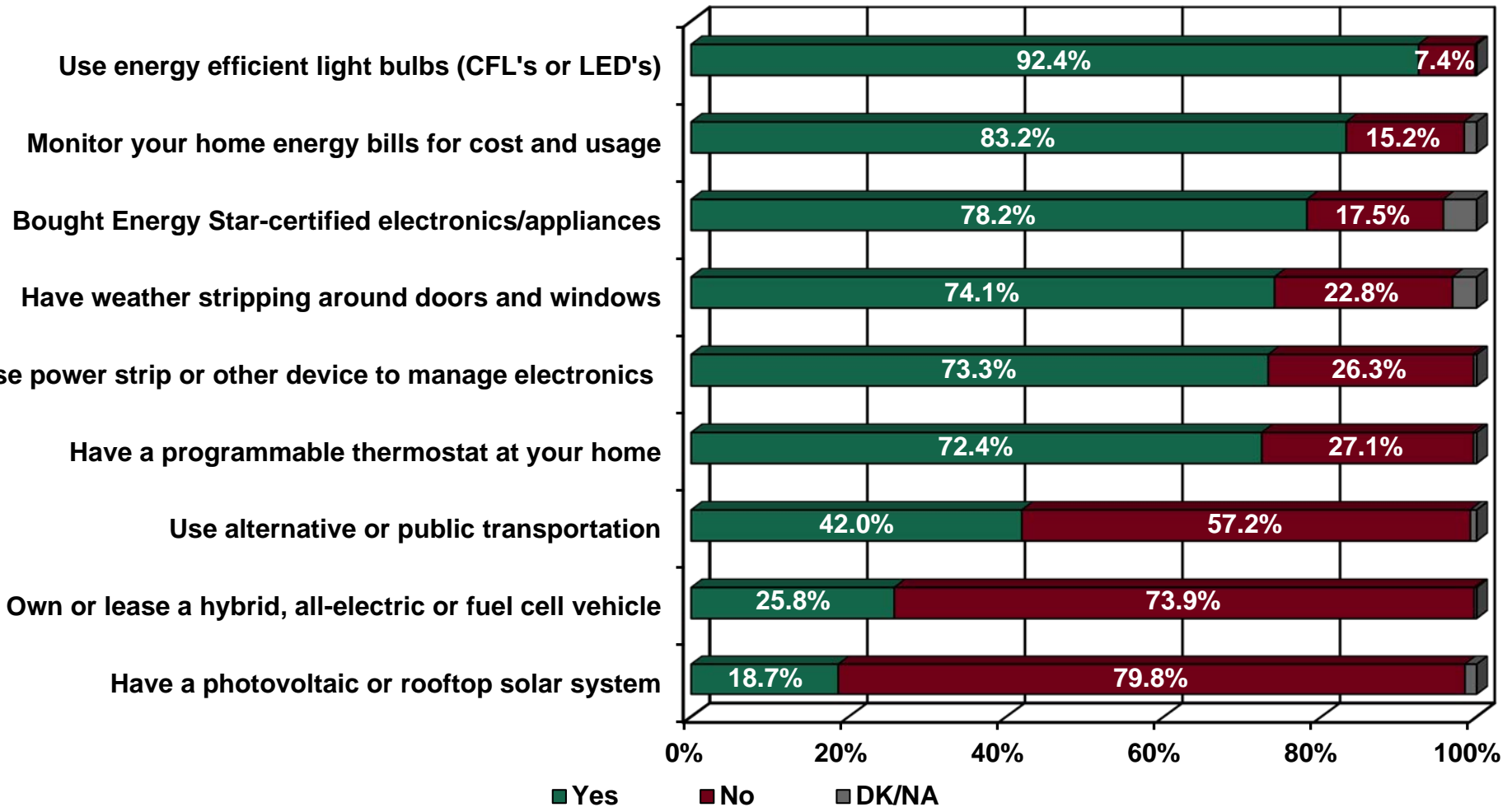


# Q5. Unaided Awareness of the Term “Community Choice Energy/Aggregation” (n=601)

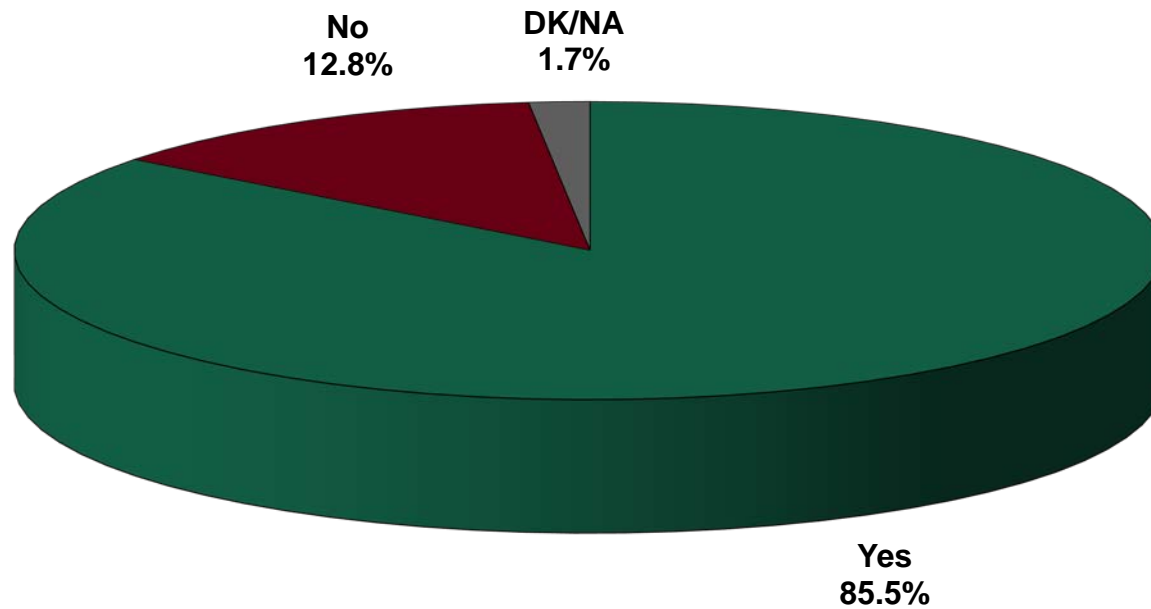




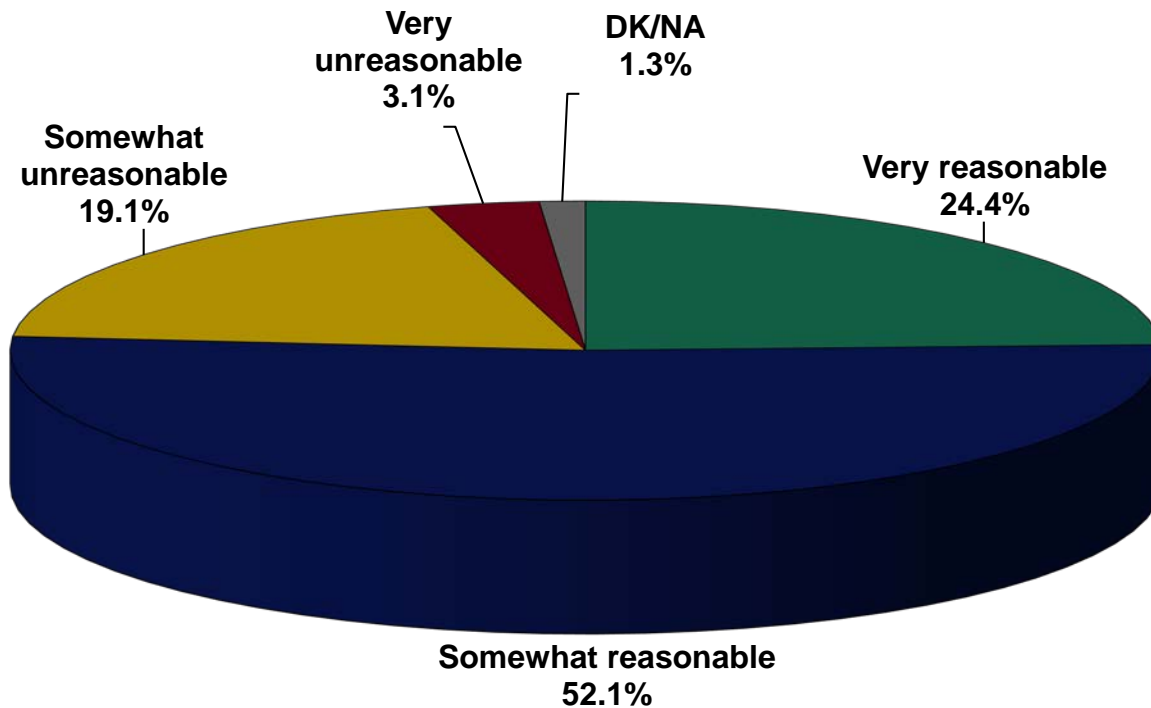
# Q7. Implementation of Green or Sustainable Household Practices II (n=601)



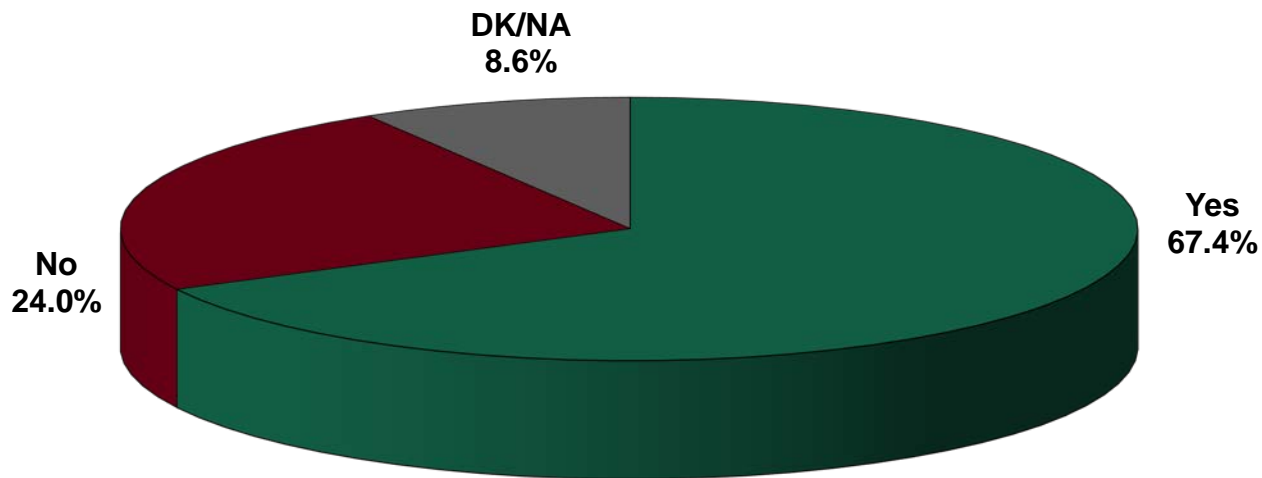
## Q8. Awareness of Amount Currently Paid Per Month for Electricity (n=601)



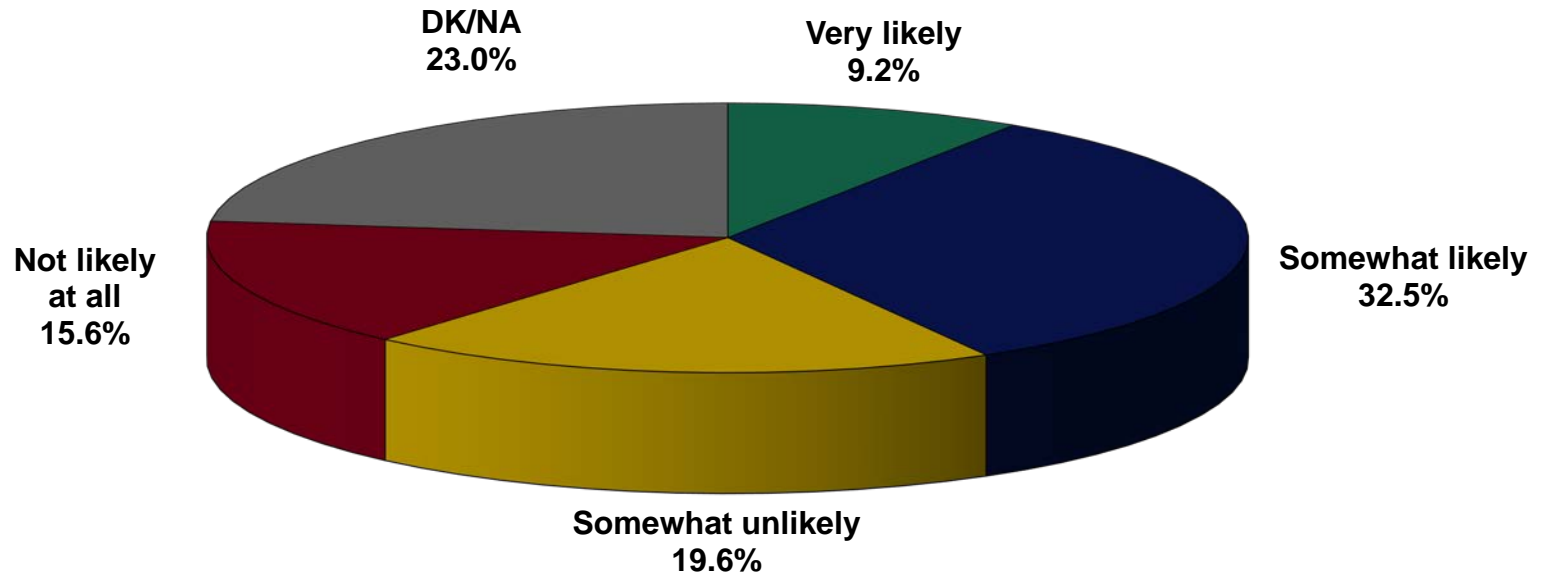
# Q9. Opinion on Reasonableness of Cost of Electricity Services (n=513)



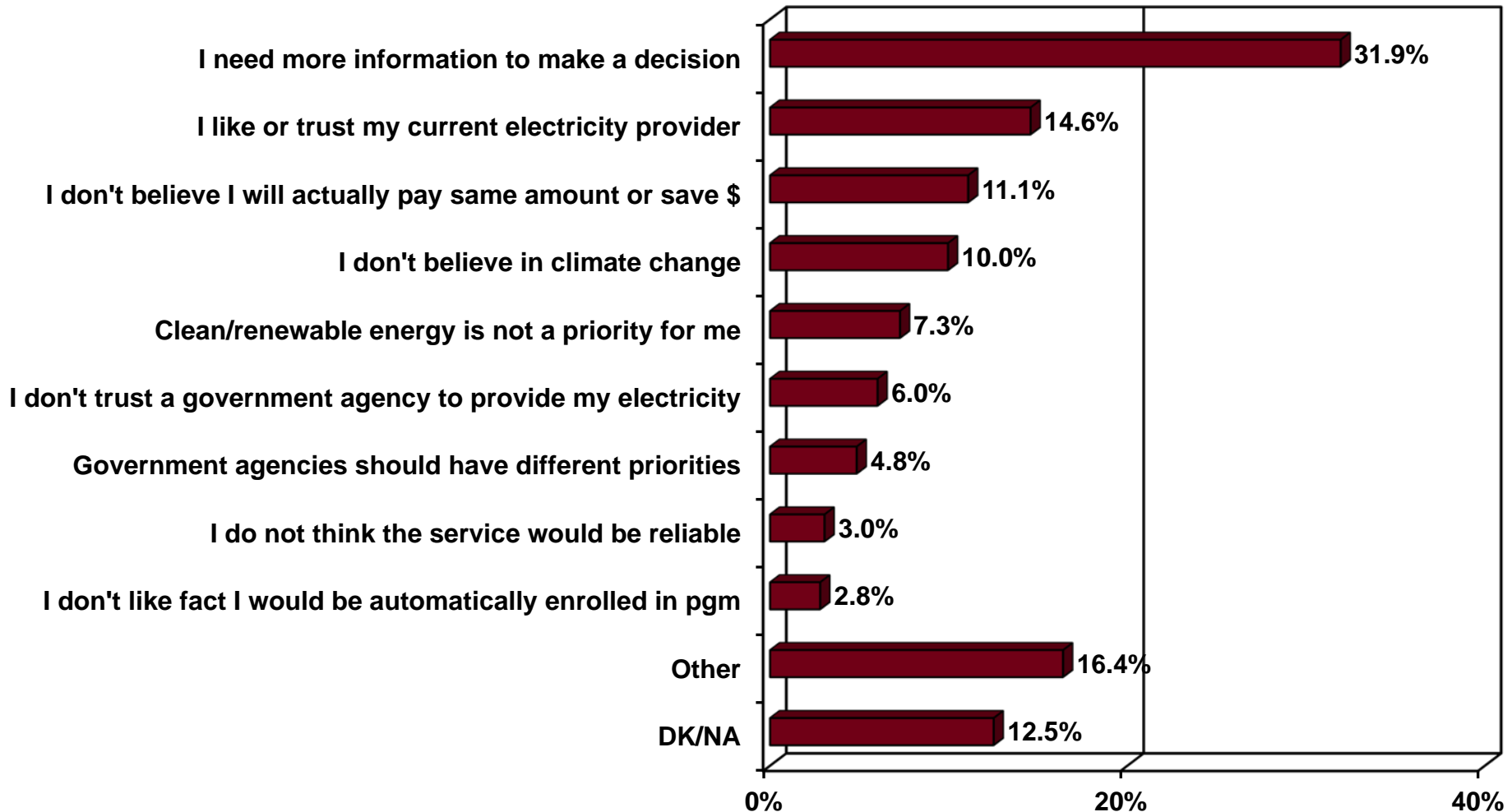
# Q13. Willingness to Participate at No Additional Cost to Receive 75% Renewable Energy (n=601)



# Q15. Likelihood of Opting Out of the CCE Program Based on Automatic Enrollment (n=472)



# Q16. Reasons for Not Wanting to Participate in Community Choice Energy Program II (n=129)





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# SVCE Implementation Plan

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July 13, 2016





# SVCE Implementation Plan: Overview

SVCE's Implementation Plan (or "iPlan") is:

- A statutory requirement: Public Utilities Code (Code), Section 366.2.(c)(3)
- Provides information regarding process and consequences of aggregation
- A document that must be considered and adopted at a public hearing
- A document that must be submitted to (and certified by) the CPUC

SVCE's iPlan is not:

- A detailed business plan for all intended SVCE programs
- A detailed inventory of SVCE's intended tariff options
- A description of future projects that may be developed/financed by SVCE

# Implementation Plan Requirements

<b>AB 117 Requirement</b>	<b>Implementation Plan Chapter*</b>
Statement of Intent	Chapter 1: Introduction
Process and consequences of aggregation	Chapter 2: Aggregation Process
Organizational structure of the program, its operations and funding	Chapter 3: Organizational Structure Chapter 4: Startup Plan & Funding Chapter 7: Financial Plan
Disclosure and due process in setting rates and allocating costs among participants	Chapter 8: Rate setting
Rate setting and other costs to participants	Chapter 8: Rate setting Chapter 9: Customer Rights and Responsibilities
Participant rights and responsibilities	Chapter 9: Customer Rights and Responsibilities
Methods for entering and terminating agreements with other entities	Chapter 10: Procurement Process
Description of third parties that will be supplying electricity under the program, including information about financial, technical and operational capabilities	Chapter 10: Procurement Process
Termination of the program	Chapter 11: Contingency Plan for Program Termination

\*Chapter numbers not reflected in this table provide ancillary information, not specifically required by AB117 but useful to SVCE during its initial planning efforts as well as the CPUC while completing its document review. For example, Chapter 5 addresses Program Phase-In; Chapter 6 addresses SVCE's Load Forecast & Resource Plan.

# Key Elements of SVCE's iPlan

- Reflects recently adopted policies related to:
  - Customer Phase-In
  - SVCE Generation rates
  - Financing requirements
  - Reserve accrual
  - Resource preferences/power content
- Articulates strong commitment to clean energy sources and complimentary energy programs
- Allows flexibility to accommodate unexpected changes prior to launch (PG&E rates, market conditions, etc.)

# iPlan Submittal and Certification

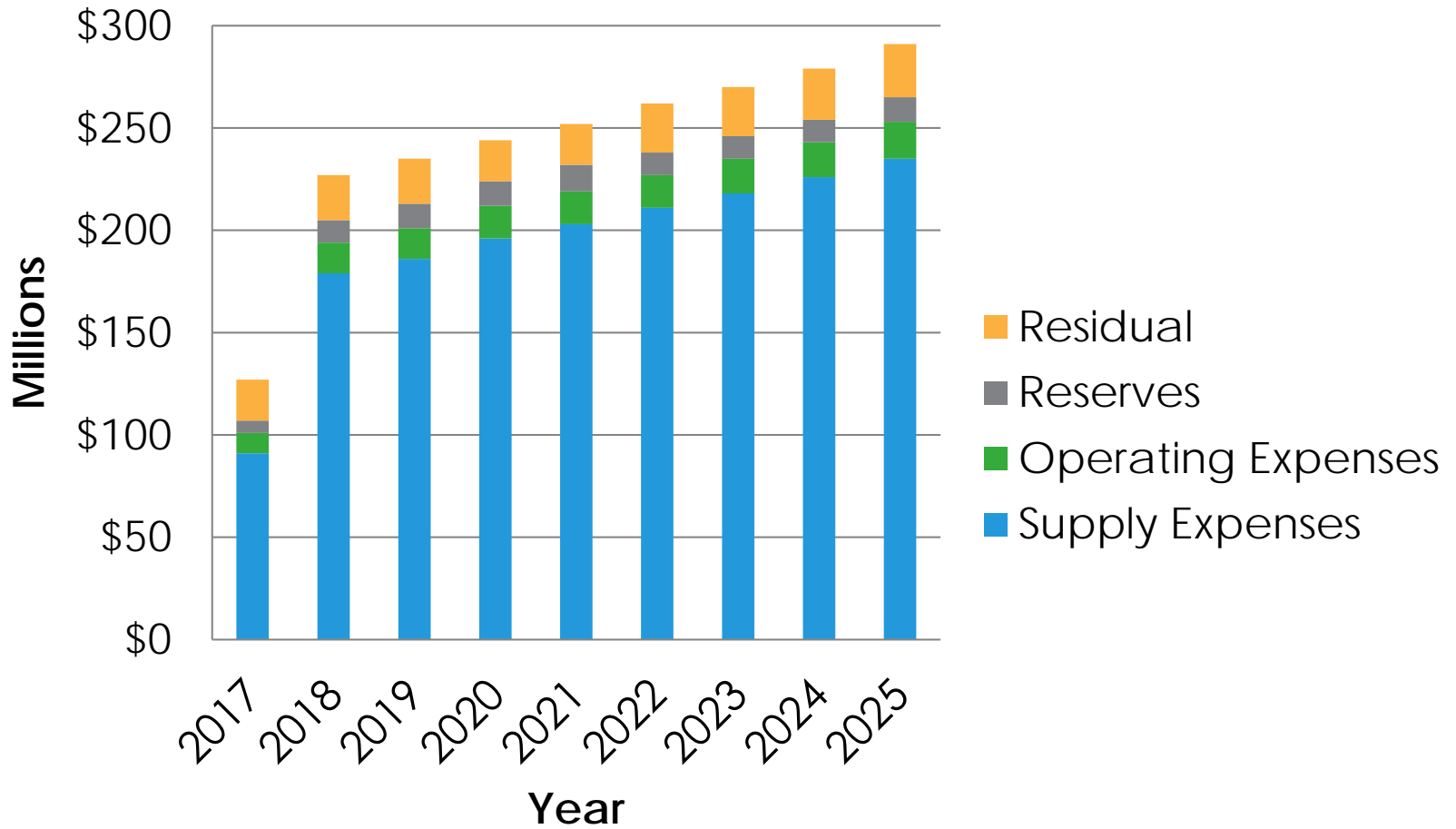
- CPUC is allowed 90 days to certify SVCE's iPlan
- Certification ≠ approval
  - Ensure that statutorily required information is addressed
  - CPUC is not responsible for approving key SVCE program elements
- Following iPlan certification, SVCE registration can be pursued
  - Execution of PG&E service agreement and submittal to CPUC
  - Posting of \$100k CCA bond (with the CPUC)
- SVCE customer notifications should not be mailed until registration is complete

# Thank you

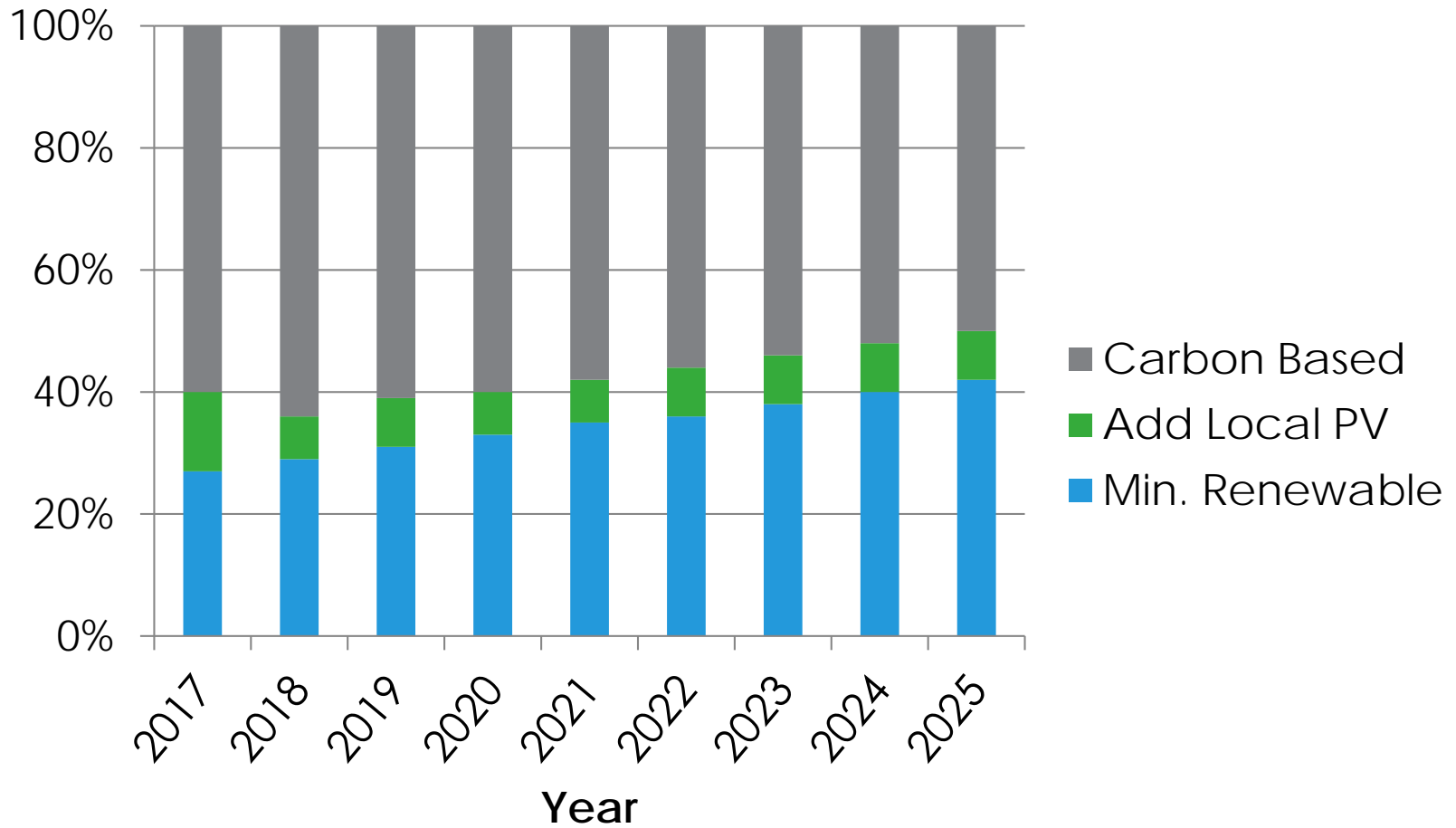


# Power Supply Portfolio Parameters

# Least Cost Plan

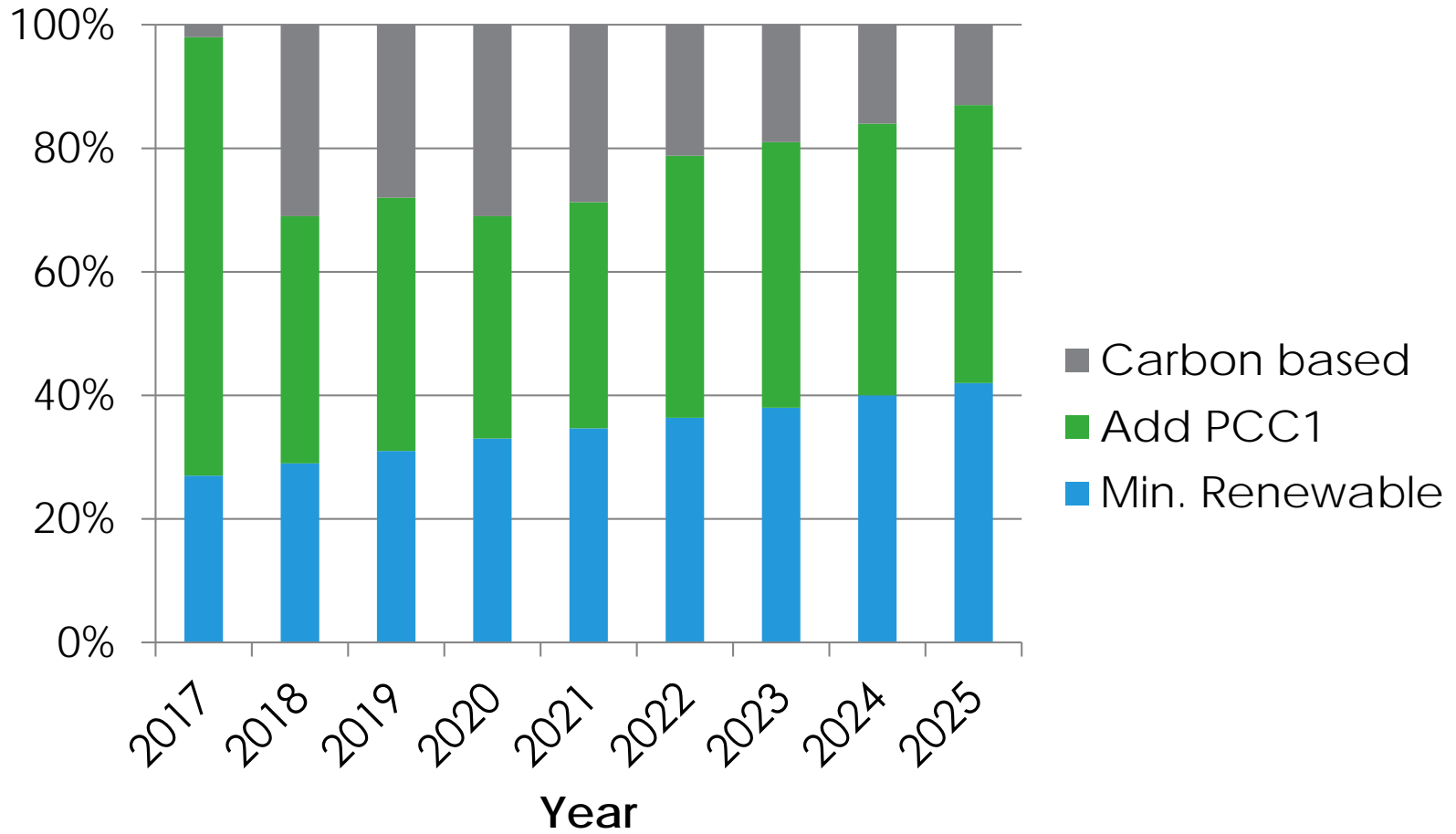


# Option 1 Local Generation

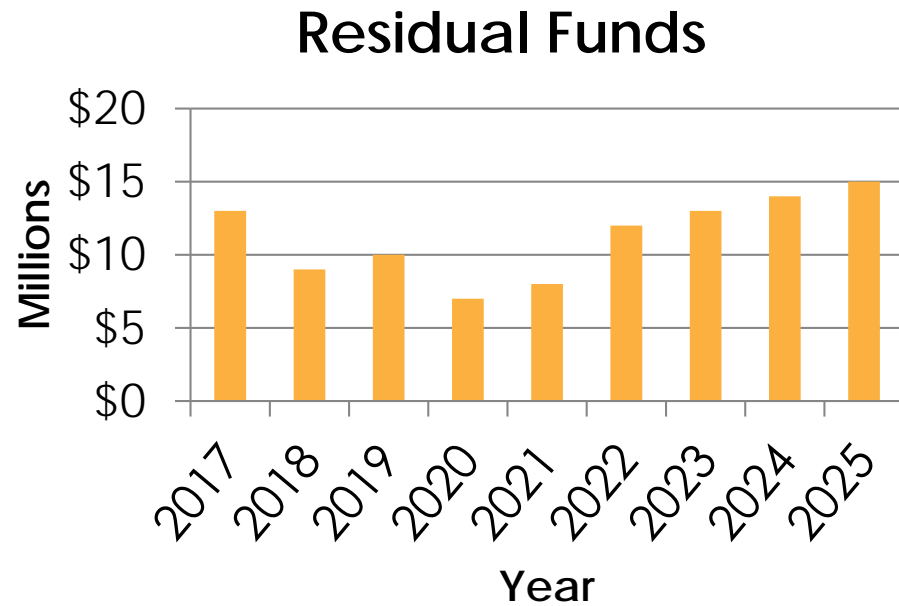
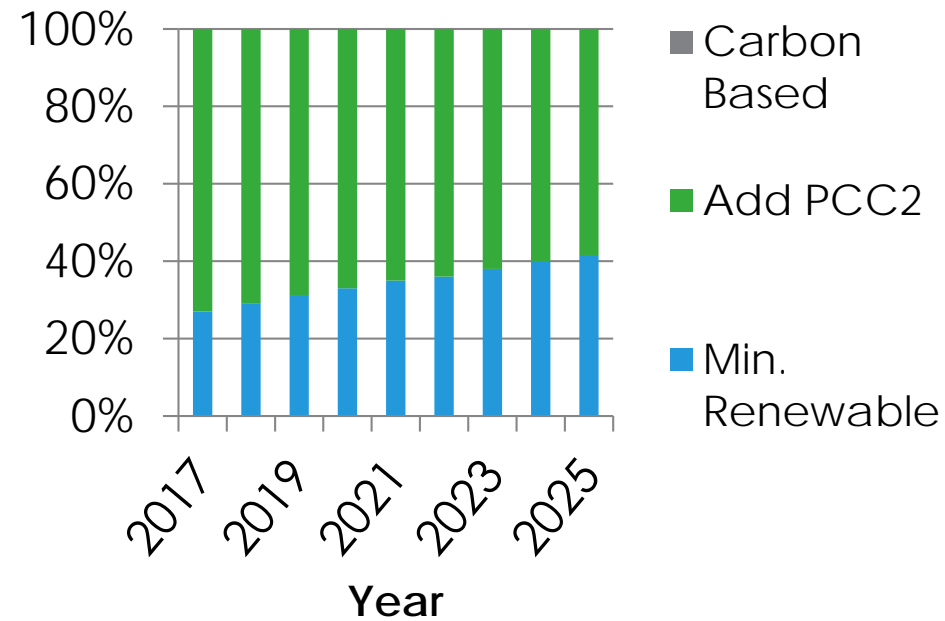




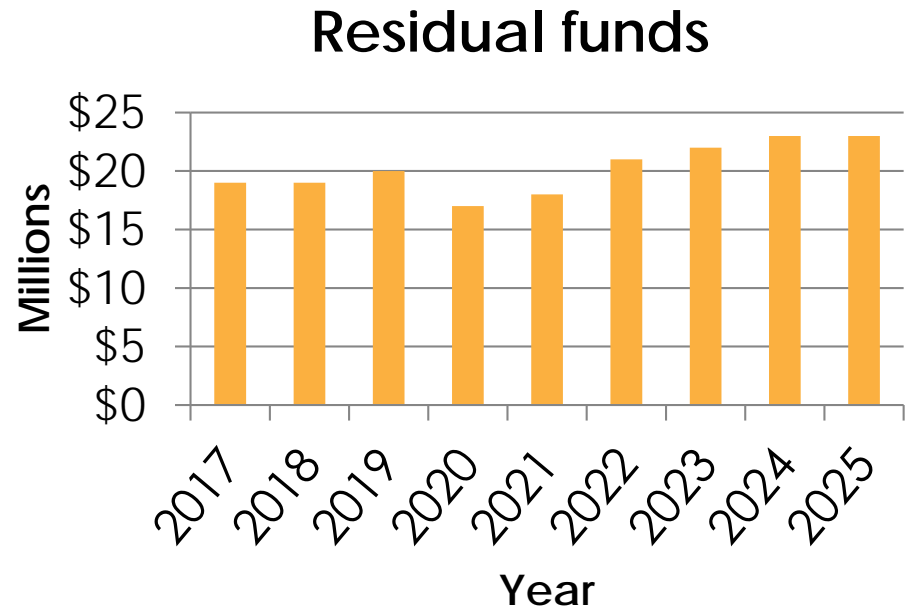
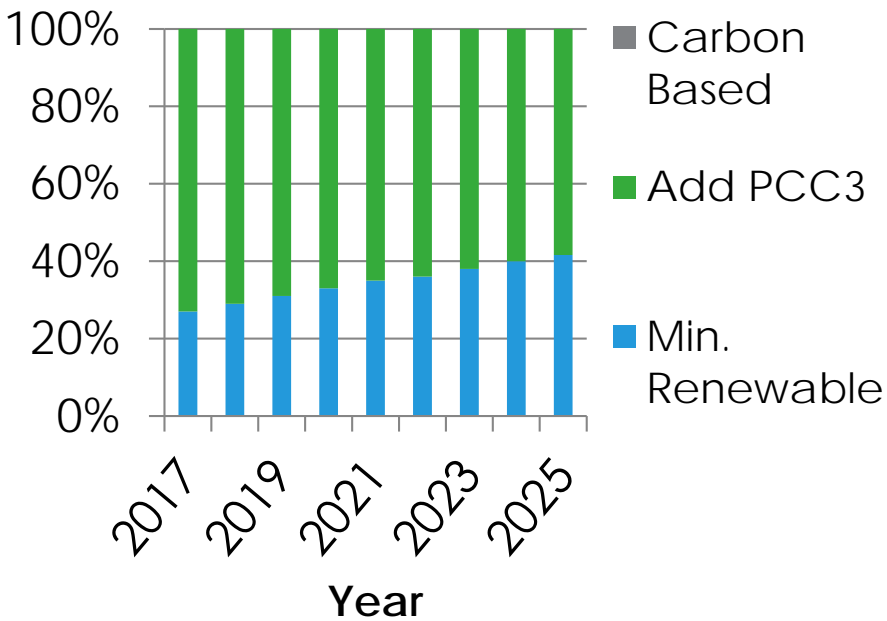
# Option 2 PCC 1



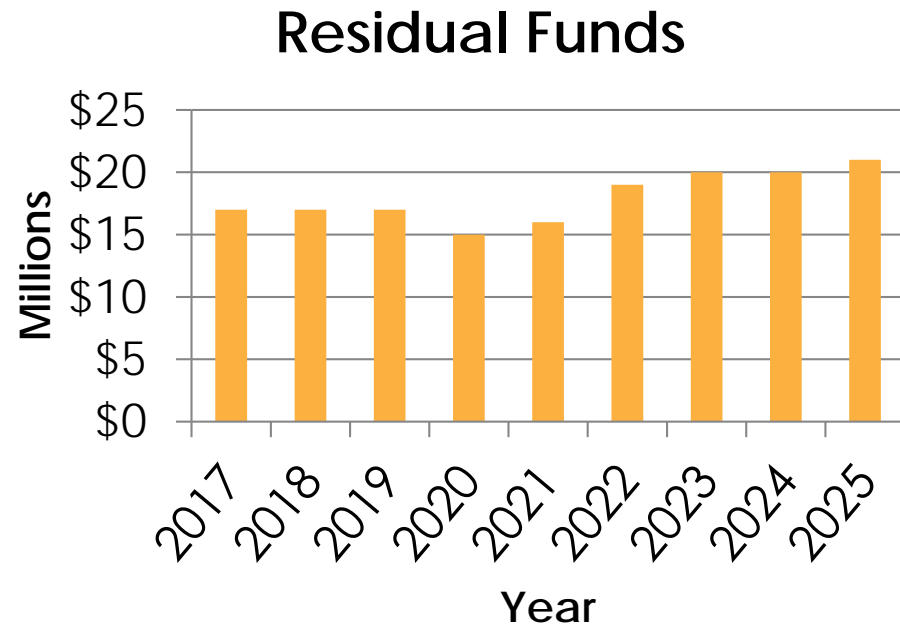
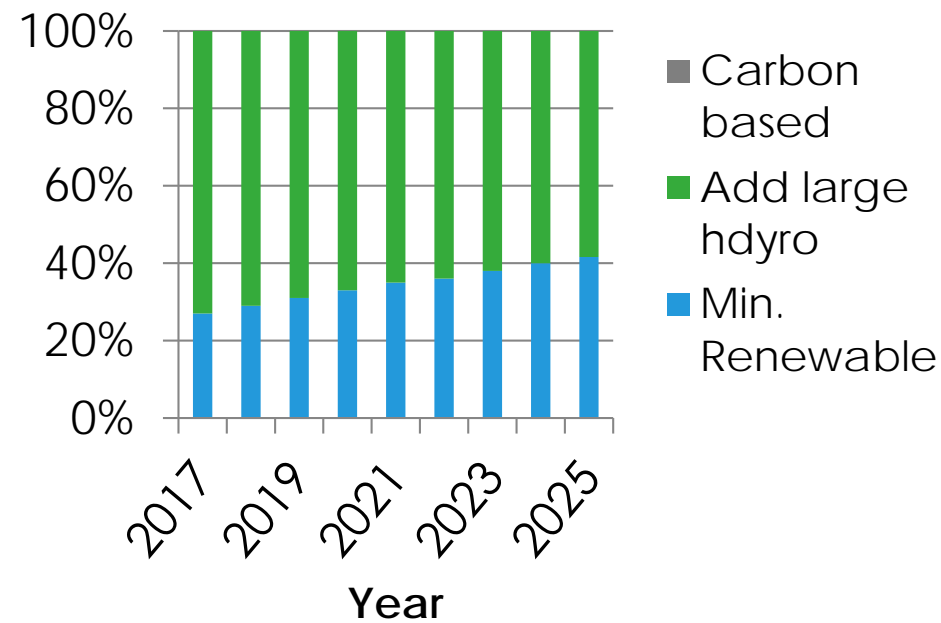
# Option 3 PCC 2



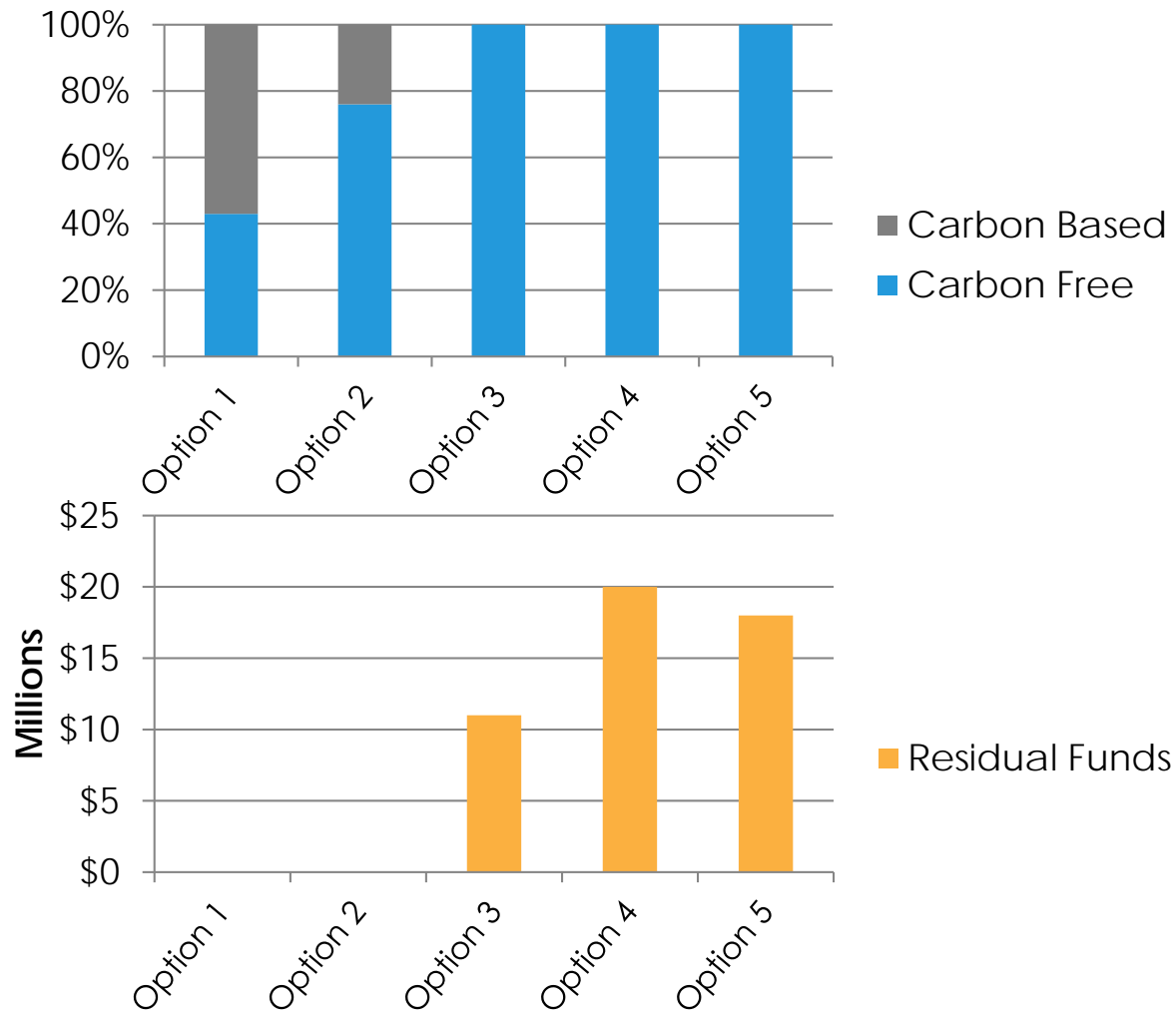
# Option 4 PCC 3



# Option 5 Large Hydro



# Average Carbon Content and Residual Funds



# Thank you

