

# Southern California Edison Semi-Annual Report

Presenter: Nicole Di Jerlando  
October 28, 2024

Energy for What's Ahead®



# Achievement and Forecast Summary

	2023 Confirmed Claim Summary	Q1 2024		Q2 2024		Q1 + Q2 2024	
	Total System Benefit (\$)	Total System Benefit (\$)	Total Expenditure (\$)	Total System Benefit (\$)	Total Expenditure (\$)	Total System Benefit (\$)	Total Expenditure (\$)
Resource Acquisition	\$67,712,420	\$12,347,489	\$ 7,041,048	\$17,892,400	\$ 25,975,248	\$30,239,889	\$33,016,296
Market Support	\$10,830	\$81,470	\$5,361,007	\$25,027	\$13,367,162	\$106,498	\$18,728,169
Equity	\$0	\$0	\$339,785	\$0	\$697,133	\$0	\$1,036,918
EM&V	NA	NA	\$179,234	NA	\$5,014,937	NA	\$5,194,171
Codes and Standards	NA	NA	\$3,834,671	NA	\$3,288,616	NA	\$7,123,287
<b>*TOTAL Portfolio</b>	<b>\$67,723,250</b>	<b>\$12,428,959</b>	<b>\$16,755,745</b>	<b>\$17,917,427</b>	<b>\$48,343,097</b>	<b>\$30,346,387</b>	<b>\$65,098,842</b>

2024 Forecast Estimate	
	Total PA Portfolio
	Total System Benefit (\$)
Q1 and Q2 Claims	\$30,346,387
Q3 and Q4 Forecast*	\$ 124,873,820
<b>Total TSB Forecast Attainment</b>	<b>\$ 155,220,207</b>
<b>TSB Goal</b>	<b>\$112,534,778</b>
<b>TSB Percent of Goal</b>	<b>138 %</b>
<b>Total Expenditure</b>	<b>\$ 185,898,514</b>

\*Totals in tables above do not include SCE's portion of REN performance and excludes Energy Savings Assistant (ESA) program.

**Note;** due to Q1 and Q2 claims reporting being combined and SW program allocations by quarter not being confirmed in CEDARS, expenditures by quarter are estimated. In addition, claim information by quarter may change as more information about measures and installations become available by year end.

# Third Party Vendor Support, Equity and Market Support

**Vendor Support By Sector for New and Active Programs**

	Q1 + Q2						
	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	EM&V
<b>PA Core Program Support Vendor(s):</b>							
OPower, Inc						x	
Synergy Companies						x	
Cascade Energy, Inc				x			
Motive Power, Inc.							x
<b>IOU Third Party Prime Contractor(s):</b>							
Cascade Energy, Inc	x	x		x			
CLEAResult Consulting, Inc.	x	x		x	x		
Enervee						x	
Global Energy Service, Inc.						x	
Cohen Ventures, Inc.			x				
ICF Resources, Inc.	x						
Lincus, Inc					x		
Resource Innovations, Inc		x					
Willdan Energy Solutions		x					

**Count of Equity Customers by Sector**

	Equity Customers Q1-Q2	Annual Total
Agricultural	0	10
Commercial	29	174
Cross-Cutting	1	2
Industrial	5	10
Public	7	14
Residential	3,331	12,488
<b>TOTAL Portfolio</b>	<b>3,373</b>	<b>12,698</b>

## Vendor Support

- CLEAResult and Cascade support implementation for SEM agriculture, commercial and industrial.
- Pending CPUC Advice Letter (AL) approval, Synergy Companies will be transitioning residential sector program from legacy to third party program model.
- CLEAResult, Lincus, Cohen Ventures and Motive Power are statewide vendor support efforts.

## Equity and Market Support

### Disadvantaged Community (DAC), Hard-to-Reach (HTR) and Low-Income

- Global Energy Service, Inc and CLEAResult are offering programs targeting residential equity customers, while Resource Innovations is targeting commercial customers within these defined areas.

### Disadvantaged Workers

- The WE&T IEET and Contractor Demand Building Programs are helping to drive access to trainings and anticipate disadvantaged worker participation by year end to reach roughly 70%. By tailoring outreach efforts, such as community events, educational partnerships, and digital marketing, the programs ensure that those in underserved communities have greater access to valuable training opportunities. This data-driven approach not only enhances workforce diversity but also empowers participants to become key contributors to both their local economies and the transition to cleaner energy solutions, addressing historical barriers faced by marginalized groups.

# Recent Developments

## Resource Acquisition - Programs that are Performing Well

Q1 + Q2 2024						
Sector	SCEs Programs	Implementer(s)	(%) TSB by Sector	(%) GWh by Sector	Program TRC - Cost Effectiveness	Sector TRC - Cost Effectiveness
Residential	Home Energy Advisor	SCE	57	95	0.99	0.63
Residential	Residential Direct Install	SCE	24	3	0.29	
Residential	Comprehensive Manufactured Homes	SCE	20	2	0.95	
Commercial	Comprehensive Commercial	Willdan	100	*N/A	1.20	1.20

\*The Comprehensive Commercial program has 100% water heating measures = 1.34M Therms.

### Residential (Home Energy Advisor)

- Home Energy Advisor program developed and launched 2 new reports targeting solar customers and Spanish language customers. In addition, a new Home Energy Advisor module was created for the Arrearage Management Payment (AMP) Plan that raised awareness and helped CARE and FERA customers.

### Residential (Residential Direct Install)

- Residential Direct Install (Res DI) program completed over 9,800 installations of energy-efficient measures, including newly added measures such as Lifecycle Refrigerant Management and Smart Fan Controller, which significantly contributed to the increased volume of installations.

### Residential (Comprehensive Manufactured Homes)

- Comprehensive Manufactured Homes Program (CMHP) has improved significantly by doubling the number of projects installed compared to last year. Lifecycle Refrigerant Management and Smart Fan Controller measures were added to the program's measure mix, which allowed SCE to provide a more comprehensive offering to its customers.

### Commercial (Comprehensive Commercial)

- The Comprehensive Commercial Program has experienced success with the implementation of heat pump water heaters in the commercial market and is forecasting to deliver above program goals for 2024. The parties executed an amendment in August 2024, which received CPUC approval in October 2024 allowing for additional performance.

## Cross Cutting Sector - Highlights

### WE&T – Integrated Energy Education Training (IET)

- Training on Energy Efficiency (EE) topics to over 15,500 attendees through online live, on-demand, in-person, and on location trainings. Of those trained, over 72% were identified as disadvantaged workers.
  - An initiative has begun to capture the short and long-term impact program trainings have on attendees. One on one interviews conducted after classes provide insights that help ensure we are meeting market needs and supporting decarbonization goals. Early learnings have identified that attendees gain the knowledge needed to support their businesses EE goals.

## Cross Cutting Sector – Highlights (Continued)

### Contractor Demand Building Program (CDBP)

- The team filed the Implementation Plan for CDBP in February, established instructional contracts with industry experts, oversaw the development of training content, and began work on a process to deliver equipment to contractors as part of the program.
  - Program is projected to have 650 contractors participate by year end . Participation includes 40% disadvantaged workers. Projected participant installations of 325 heat pump water heaters by December 2024.

### Finance

- As of June 2024, the On-Bill Financing program (OBF) funded 37 loans totaling over \$3.2 million in support of energy efficiency projects. The program has received over \$170,000 in repayment and maintained a default rate for 2024 of 0%. Decision D.23-08-026 OP 53 authorized the expansion of New Finance Offerings (NFO) and On Bill Financing (OBF) to finance clean energy technologies beyond energy efficiency.

### Codes and Standards

- In partnership with PG&E Statewide Advocacy programs:
  - The CEC has approved the 2025 Title 24 Building Standards. DOE/CEC have completed 22 appliance standards, 2 test procedures and 3 policy rulemakings have been completed (including largest ever savings from a single standard – Water Heater Efficiency)
- SCE administered programs and have completed:
  - Reach Codes assisted 12 local jurisdictions with reach codes Support
  - Code Compliance supported 96 classes, seminars and presentations on code compliance and conducted outreach at 57 industry/community events, trade shows and conferences
  - Planning and coordination published the 2023 Planning and Coordination Key Initiatives Report and the Building Inventory Geospatial (BIG) Database Interim Report, supported South Coast AQMD Zero Emission Water Heater Rule 1146.2

## Sectors Needing a Breakthrough

### Industrial

- SCE conducting a solicitation for Large, Comprehensive Industrial Program.
- Two new strategic energy management programs launched in 2024 and are working on customer engagement and enrollment activities to support future program delivery.

### Agriculture

- Growth in the EE agriculture sector depends on transforming customer relationships, leveraging partnerships and key trade allies in the agriculture industry.
- In addition to collaborating with ICF on the implementation of the Agricultural EE program, SCE and ICF worked diligently to finalize the Indoor Horticulture Deemed Measure Package, which received CPUC approval in September 2024.
- Two new strategic energy management programs launched in 2024 and are working on customer engagement and enrollment activities to support future program delivery.

### Public

- SCE continues to work with implementers of EE programs for public sector customers to support customer outreach and engagement efforts and expand measure offerings to bolster savings deliveries.

# Recent Segmentation Justification and Program Overlap Submissions

## ***Segmentation Justification Questions***

**1. Q:** Was the recent Segmentation Justification exercise helpful to clarify any aspect of your portfolio and its operation? If so, please share relevant conclusions?

**A:** SCE had done this exercise when the segments were first established and as each new program is proposed. It seemed like a redundant exercise

**2. Q:** Would you recommend any aspect of it be repeated? If so, with what regularity or with what trigger?

**A:** No full-scale exercise should be repeated, however inclusion of the justification in the Implementation Plan could be helpful

**3. Q:** Was the recent Program Overlap Advice Letter helpful to clarify any aspect of your portfolio and its operation? If so, please share relevant conclusions.

**A:** SCE committed to establishing Portfolio Administrator Sector Coordination (PASC) meetings in its JCM filed May 7, 2024. SCE, along with the co-signing southern California PAs, have executed on this commitment. SCE believes this ongoing communication will help to inform our portfolio operations in real time.

**4. Q:** Would you recommend any aspect of it be repeated? If so, with what regularity or with what trigger?

**A:** No. SCE believes our ongoing PASC meetings are the appropriate format to further our understanding of potential program overlap.

# Anticipated Progress

## Resource Acquisition - Progress Towards Goal and YE Projections

- Overall, SCE's current Portfolio projections are expected to meet CPUCs approved TSB goal of \$112.5M by Q4.
- Portfolio TSB of \$155.2M is 138% of CPUC goal at year end.
- Resource acquisition TSB for Q1 and Q2 were lower than the second half of the calendar year, as SCE and third-parties were focused on closing out 2023 installations and claims. Project and overall program progress ramped up in Q2 2024.
- Midyear actual resource acquisition TSB is \$30.2M and Q3 forecasted at \$87M (or 22% from goal).
- 2024 YE TSB resource acquisition \$152.0M or 135% (less market support \$3.2M) over goal.

## What to expect Year End 2024

### With Our EE Partners

- Working closely with IOUs on statewide initiatives.
- Establish stronger partnerships with our contracted and future third party partners.
- Increase partnership and collaborations efforts with our Regional Energy Networks (RENs).
- Continue to work with CAEECC on community engagement indicators and other important EE portfolio metrics.

## Looking Forward to 2025

### SEM - Commercial, Industrial and Agriculture

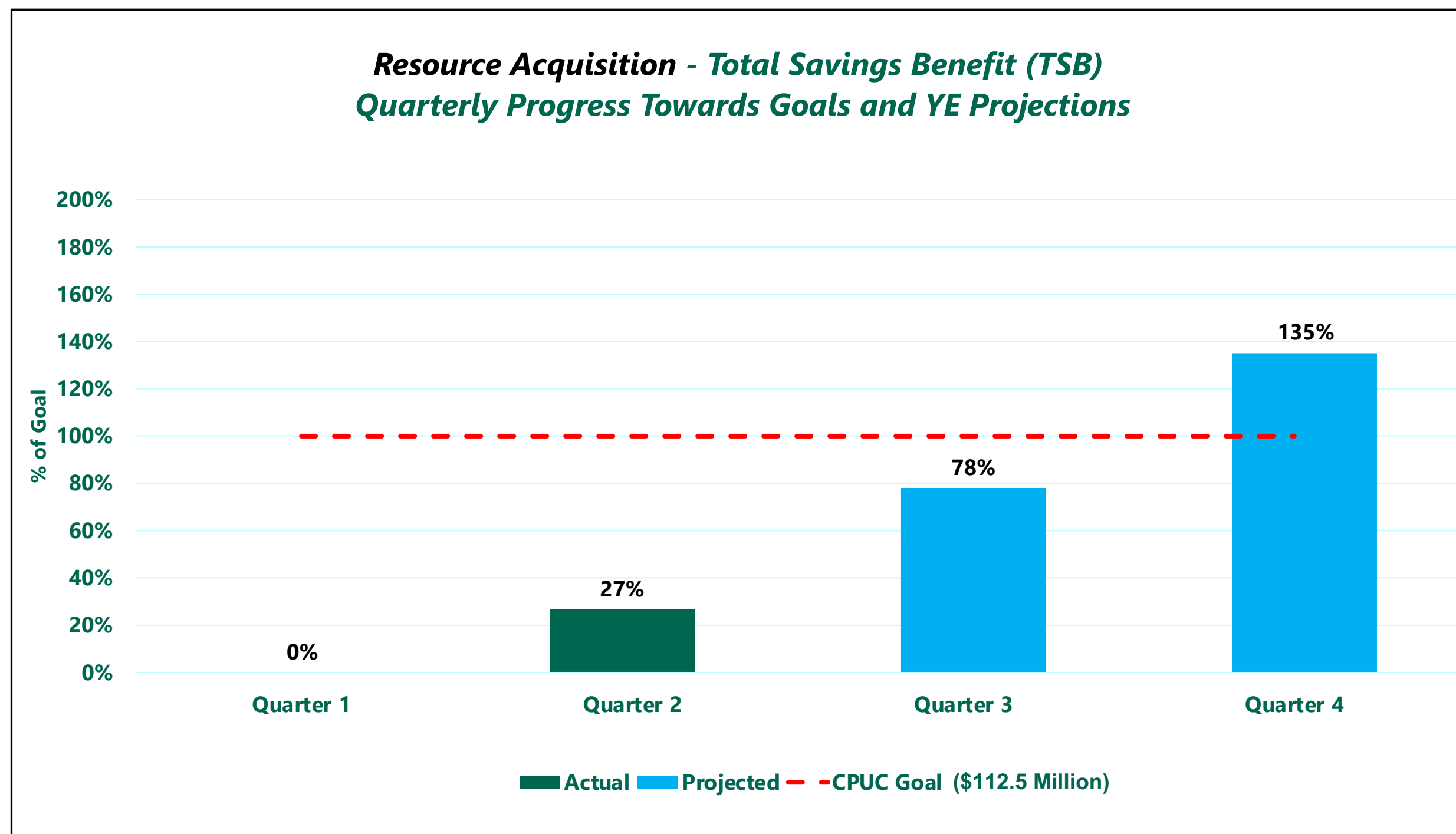
- Baselineing of Cycle 1 Cohorts is currently underway.
- Next year Strategic Energy Management (SEM) program contracts to begin reaching targets.

### Residential Multifamily

- SCE filed Advice Letter that is currently under review by CPUC.; expect this program will be up and running Q1 2025.

### Industrial Large Comprehensive Projects

- SCE conducting a solicitation for Large, Comprehensive Industrial Program.



		SCE Solicitation Timeline												
IOU	Year	2024												
		Q1			Q2			Q3			Q4			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
SCE	Strategic Energy Management (SEM)													
SCE	Residential - Multifamily													
SCE	Industrial - Large Customer, Comprehensive Projects													
SCE	MAP - All Sectors													
SCE	Comprehensive Commercial													
SCE	Residential													
SCE	Plug Load Appliances													

RFA Prep | RFA | RFP Prep | RFP | Negotiation | AL + Approval + IP

# Achievement by Sector

Q1+Q2 Claims Summary By Sector								
		Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total Claims
TSB (million\$)		0	18.54	0.09	0	0.43	11.28	30.35
GHG (CO2)		0	4,247	65	0	155	14,077	18,544
GWh	Annual Gross	0	-7.30	0.35	0	0.87	37.44	31.37
	Annual Net	0	-8.9	0.20	0	0.46	39.3	31.08
	Lifecycle Net	0	-84.29	1.55	0	10.94	29.67	-42.12
Therms	Annual Gross	0	1,277,935	0	0	0	63,668	1,341,604
	Annual Net	0	1,341,831	0	0	0	64,380	1,406,212
	Lifecycle Net	0	13,418,319	0	0	0	963,323	14,381,643
MW	Annual Gross	0	0.61	0.04	0	0.15	1.23	2.04
	Annual Net	0	0.35	0.02	0	0.09	1.10	1.57

Total claims excludes Codes and Standards (C&S)



# Current Pipeline by Sector

Q3 + Q4 End of Year Projections for Projects Associated with 2024 Claims								
		Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total Projections
TSB (million\$)		2.73	82.27	1.64	8.75	3.78	25.7	124.87
GHG (CO2)		1,011	22,753	1,128	5,118	2,234	18,477	50,721
GWh	Annual Gross	6.34	-55.6	6.01	19.0	7.87	50.55	34.25
	Annual Net	4.03	-59.35	3.35	19.9	7.89	52.74	28.56
	Lifecycle Net	31.53	-593.47	26.82	97.27	60.32	95.26	-282.28
Therms	Annual Gross	2,996	7,519,253	0	0	4,646	179,983	7,706,880
	Annual Net	2,088	7,895,216	0	0	3,238	177,117	8,077,660
	Lifecycle Net	16,050	78,952,163	0	0	24,890	2,669,039	81,662,142
MW	Annual Gross	1.63	0.22	0.72	2.27	2.28	5.19	12.31
	Annual Net	0.67	0.20	0.40	2.40	2.13	4.70	10.49
Expenditure (million\$)		1.82	89.2	45.6	1.89	6.25	41.14	185.9

Total projections excludes Codes and Standards (C&S)

# Questions

Nicole Di Jerlando  
Principal Manager  
Southern California Edison  
[Nicole.DiJerlando@sce.com](mailto:Nicole.DiJerlando@sce.com)