Annual 2025 Portfolio Performance Report Review (PPRR)

This slide deck contains the Background, Overview, and all PPRR Report Outs

Hosted by the **California Energy Efficiency Coordinating Committee (CAEECC)**

Meeting Date: **July 30, 2026**

Location: **Zoom**

This Slide Deck was updated on 8/18/26 after the meeting with slide corrections for CPUC (slides #16-17) SCE (slide #35), PG&E (slide #43), and SoCalREN (#85)

Welcome & Background
10:00 - 10:05 AM

Background & Performance Overview 01
10:05 - 10:20 AM

IOU Performance Review 02
10:40 - 11:30 AM (followed by a Break)

Southern CA REN Performance Review 03
11:40 - 12:35 PM (followed by Lunch)

Central CA REN Performance Review 04
1:15 - 1:55 PM

Northern CA REN + CCA Performance Review 05
1:55 - 2:50 PM (followed by a Break)

Key Challenges Discussion 06
3:00 - 3:55 PM

Wrap Up
3:55 - 4:00 PM

Next Session:
Performance Overview

Background

In November 2025, CAEECC hosted the *Semi-Annual* 2025 Portfolio Performance Report Review.

Today, CAEECC is hosting the *Annual* 2025 Portfolio Performance Report Review

Annual 2025 Portfolio Performance Report Review Goals

1. Identify challenges & opportunities

2. Identify who might problem solve (CAEECC, Portfolio Administrator (PA), or other) in a timely fashion

3. Ensure transparent review, tracking, and dialogue of portfolios to maximize cost-effectiveness

Note: these goals were identified in the *CAEECC 2020 Consensus EE Filing Process Proposal Motion* which was adopted in D.23-06-055

Purpose of CAEECC Engagement in Portfolio Review Process

Identifying challenges & opportunities

Problem solving in a timely fashion

Ensuring transparent review and tracking of portfolios to maximize cost-effectiveness

Increasing the usefulness of reported data by striving for less, but targeted data more frequently

Note: these purposes were identified in the *CAEECC 2020 Consensus EE Filing Process Proposal Motion* which was adopted in D.23-06-055

Summary of Core Metrics

Key Metrics from CAEECC Consensus Doc (042420) SEC 8.3.1 (p.16) (Word Document)

D.21-05-031 p.14: Programs with a primary purpose of delivering cost-effective avoided cost benefits to the electricity and natural gas systems.

D.21-05-031 p.14: Programs with a primary objective of supporting the long-term success of the energy efficiency market (e.g., education, workforce, etc.).

D.21-05-031 p.14: Programs with a primary purpose of providing energy efficiency to hard-to-reach or underserved customers and disadvantaged communities.

EE Policy Manual v6 p.94: Evaluation, Measurement, and Verification Budget is capped at 4% of overall portfolio budget.

Decision (D).21-09-037, p.22 & 27
Total System Benefit = The sum of the benefit in $$ that an efficiency measure provides to the electric & natural gas systems.

EE Policy Manual v6 p.30 requires cost-effectiveness to be reported with AND without codes and Standards (C&S).

	2024 Total System Benefit ($)	2024 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition				
Market Support				
Equity				
EM&V				
Total (w/o C&S)				
Codes & Standards				
Total (w/ C&S)				

Portfolio Performance Overview

Presentation by Energy Division

2025 EE Portfolio Annual Review

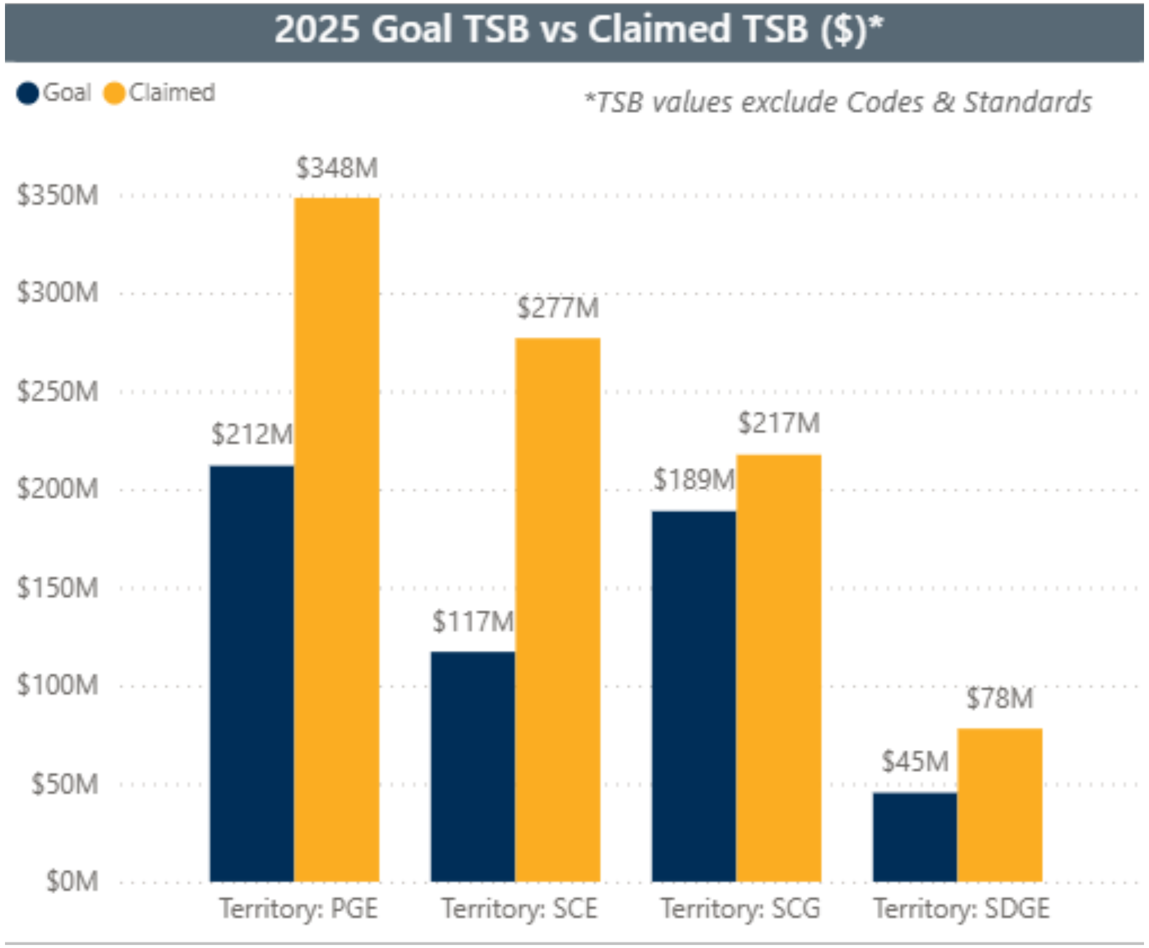
July 30, 2026

California Public
Utilities Commission

Agenda

- 2025 Portfolio Lookback
    - Achievements Compared to Potential & Goals TSB Targets
    - Expenditures by Segment & Claim Type
    - Forecast versus Actual Expenditures and TSB Achievement
    - Cost Effectiveness
    - Fuel Substitution
    - Achievements by Measure Type
    - ETA CCA Programs
    - Summary

IOU TSB Achievements vs Goals – 2025 TSB

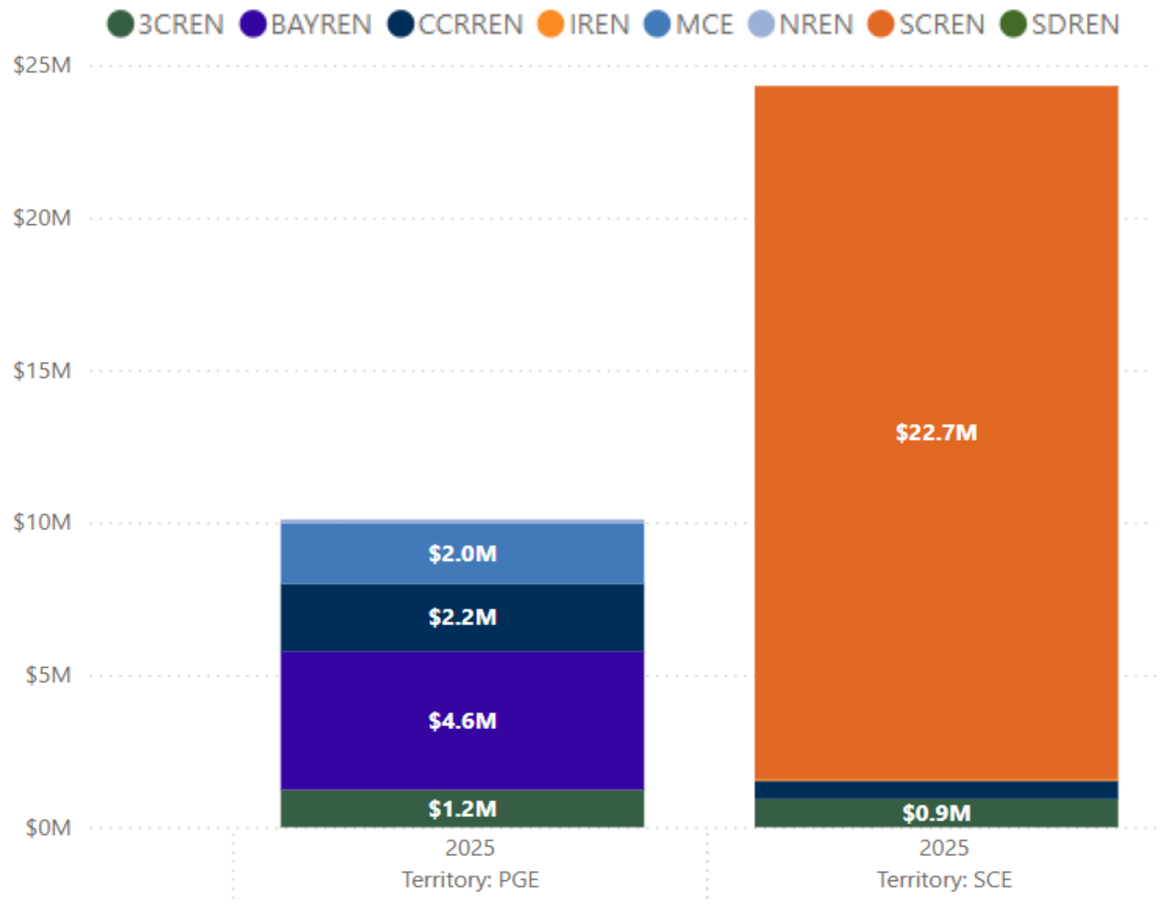


Includes TSB from RENs and CCAs in the IOU territory.
Excludes C&S, ESA, EM&V
Source: CEDARS, July 2026

IOU Territory	TSB (Million $)			
	Achieved 2024	2025 PGS Goal	Achieved 2025	2025% of Goal
PGE	$312	$212	$348	164%
SCE	$158	$117	$277	237%
SCG	$174	$189	$217	115%
SDGE	$51	$45	$78	172%

- All IOUs surpassed TSB goals in 2025 for 2nd year in a row.
- Increase in achieved TSB compared to 2024.

TSB Contributions from Non-IOU PAs

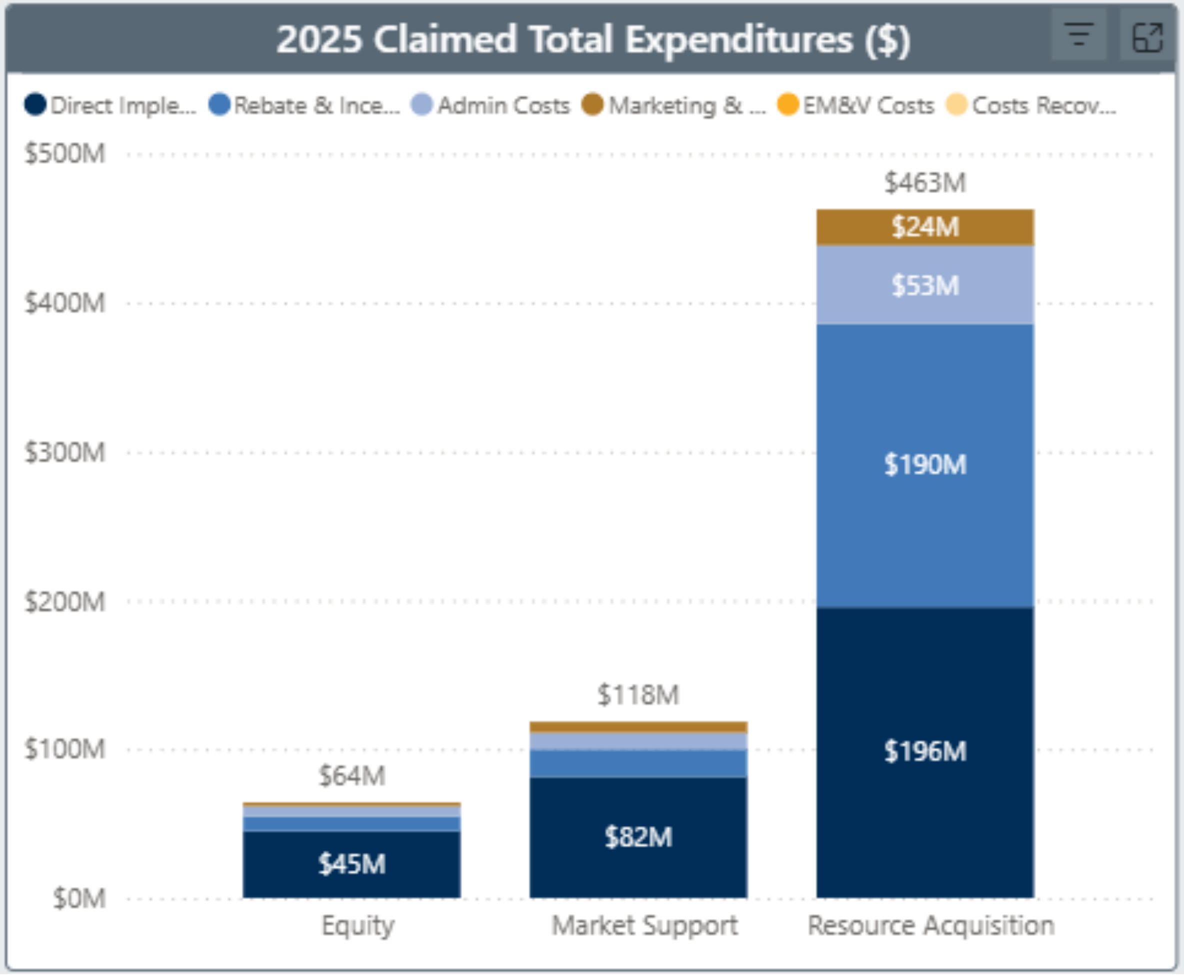


- CPUC does not set TSB goals for CCAs and RENs.
- Their savings contribute to the savings for the service territories of the IOUs.
- SoCalREN contributed significantly to SCE's TSB.

PA	Contribution to TSB Goal
PGE	158%
SCE	216%
SCG	113%
Non-IOU PA	**Contribution to PGE Goal**
MCE	0.9%
3CREN	0.6%
BayREN	2.1%
CCRREN	1.0%
NREN	0.1%
	Contribution to SCE Goal
3CREN	0.8%
CCRREN	0.5%
IREN	0.1%
SCR	19.4%
	Contribution to SCG Goal
3CREN	0.3%
CCRREN	0.1%
IREN	< 0.1%
SCR	2.0%

Excludes C&S, ESA, EM&V
Source: CEDARS, July 2026

Expenditures by Segment & Claim Type - IOUs



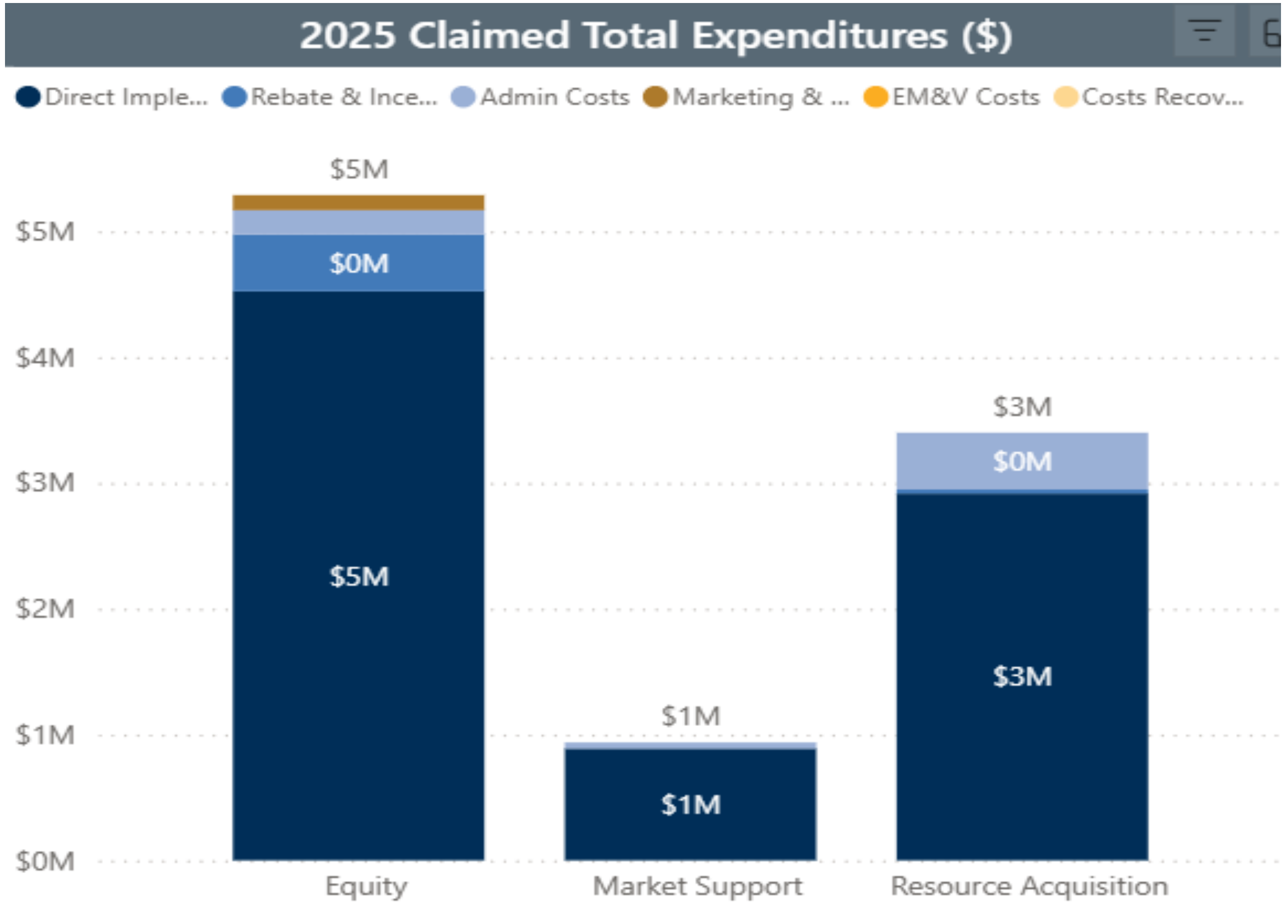
Excludes: C&S, ESA, EM&V
Source: CEDARS, July 2026

Expenditures (Millions $)						
	PA	Direct Implemen-tation	Rebates & Incentives	Admin Cost	Marketing & Outreach	2025 Total Spent (RA, MS, & E)
IOU	PGE	$96	$44	$20	$12	$172
	SCE	$90	$116	$26	$13	$246
	SCG	$94	$48	$7	$13	$161
	SDGE	$43	$10	$11	$2	$66

Excludes: C&S, ESA, EM&V

- Majority of IOUs' expenditures in Resource Acquisition segment.
- Majority of IOU expenditures for MS & E programs was Direct Implementation, whereas for RA segment spending was almost equal for Direct Implementation and Rebates/ Incentives.
- SCE spent more on Rebates & Incentives (mostly in RA) than Direct Implementation

Expenditures by Segment & Claim Type – CCA

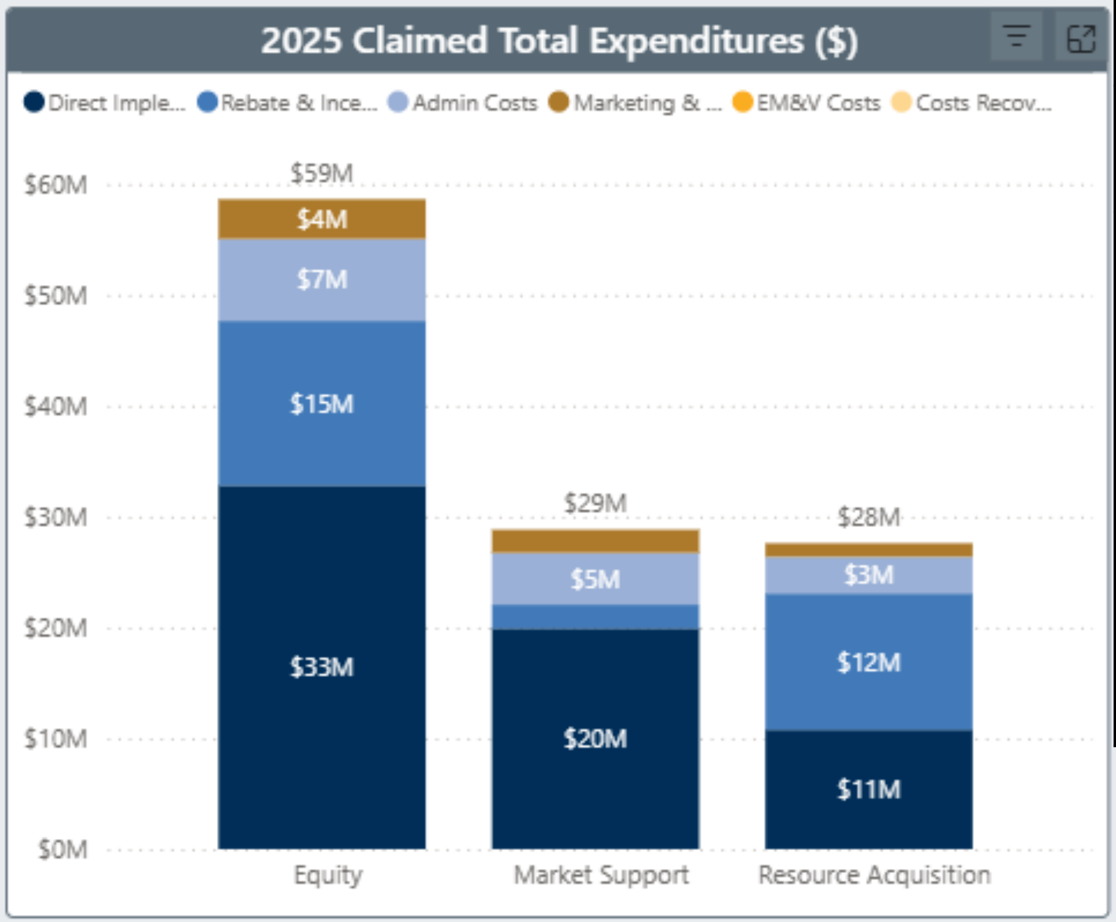


Expenditures (Millions $)					
PA	Direct Implemen-tation	Rebates & Incentives	Admin Cost	Marketing & Outreach	2025 Total Spent (RA, MS, & E)
MCE	$8	$0.5	$1	$0.1	$10

- MCE expenditures were mostly Direct Install in all segments.
- Most spending for 2025 was in Equity segment.

Excludes: C&S, ESA, EM&V
Source: CEDARS, 2026

Expenditures by Segment & Claim Type – RENs



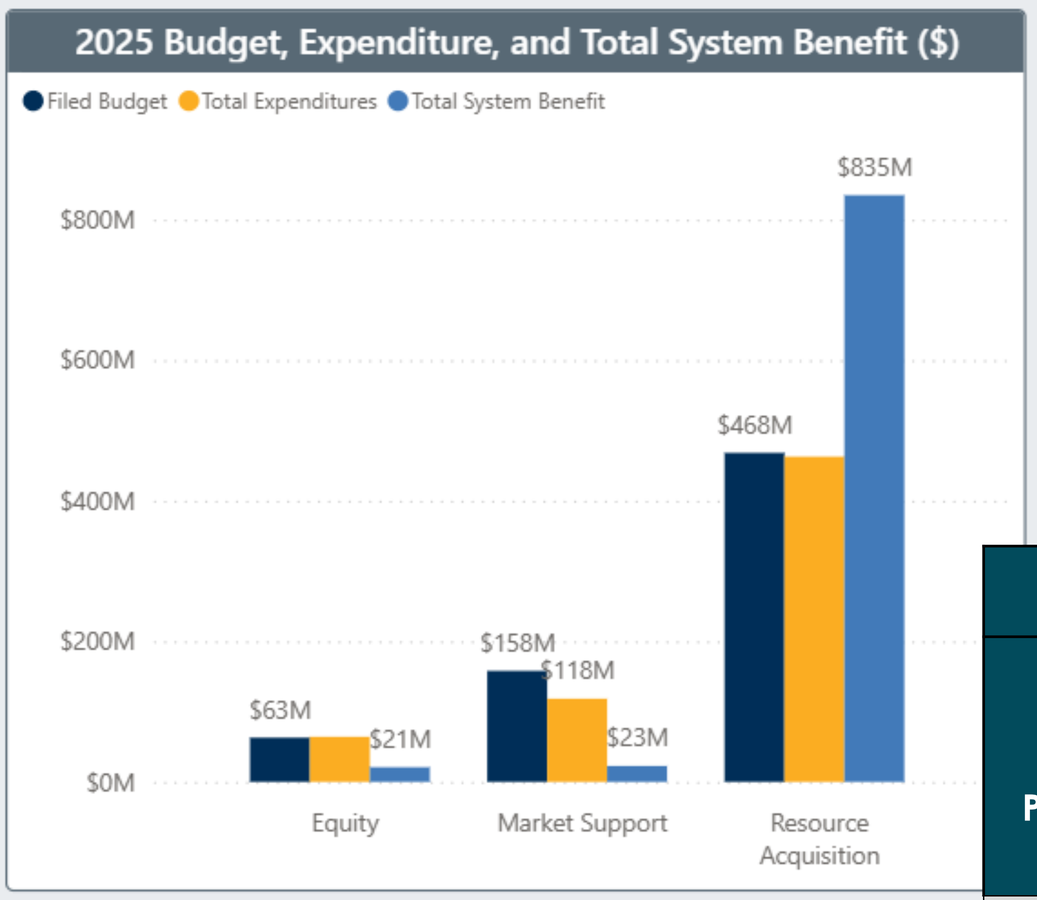
Excludes: C&S, ESA, EM&V
Source: CEDARS, 2026

Expenditures (Millions $)						
	PA	Direct Implemen-tation	Rebates & Incentives	Admin Cost	Marketing & Outreach	2025 Total Spent (RA, MS, & E)
REN	3CREN	$5	$5	$.3	$.4	$11
	BayREN	$12	$11	$3	$3	$29
	CCR REN	$6	$0	$1	$.1	$7
	IREN	$7	$.3	$.3	$1.5	$9
	NREN	$4	$.1	$.6	$.9	$5
	SCREN	$28	$12	$7	$2	$50
	SDREN	$.9	$0	$1.7	$.4	$3

- Overall, RENs spent most on Equity
- Most spending went towards Direct Implementation.
- CCR REN, NREN, and SDREN were new and had low expenditures due to ramping up.

This slide has been updated to account for corrected forecast spending for PG&E and SCE.

Forecasted versus Expenditures & TSB - IOUs



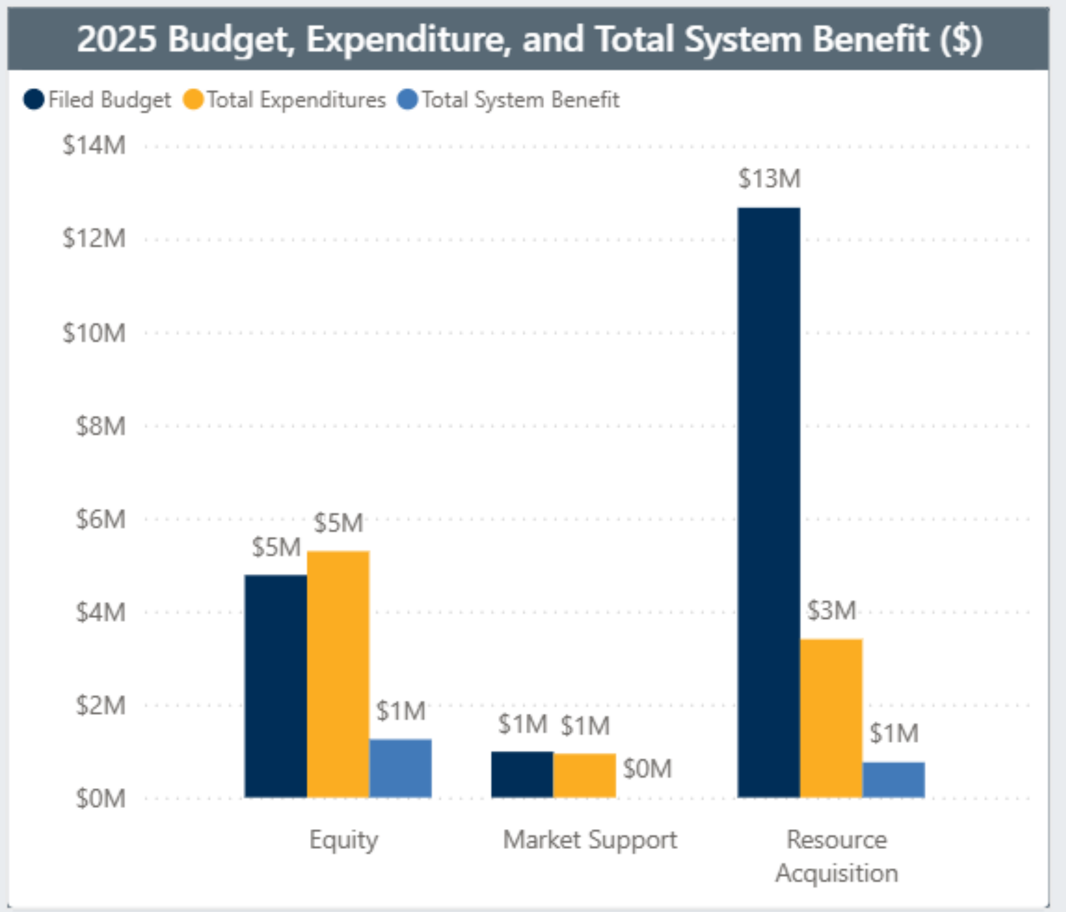
Excludes: C&S, ESA, EM&V
Source: CEDARS, 2026

- Overall, Resource Acquisition expenditures closely matched forecasted spending~~, except for SCE~~.
- Less expended for Market Support than forecasted, except SCG.
- ~~PGE and~~ SCG spent more on Equity than forecasted, while SCE spent significantly less than forecasted.
- Most TSB came from Resource Acquisition, and it greatly exceed expenditures.
- Values shown are for 2025 only. PAs can roll over funds between years.

	Expenditure/Forecasted by Portfolio Segment (Millions $) and Totals for Resource Acquisition, Market Support, & Equity Segments										
PA	Resource Acquisition			Market Support			Equity			2025 Total Fore cast	2025 Total Spe nt
	Forecast	Spent	S/F	Forecast	Spent	S/F	Forecast	Spent	S/F		
PGE	$ 128	$ 126	98%	$49	$35	71%	$12	$12	100%	$189	$172
SCE	$193	$194	101%	$71	$46	65%	$19	$6	32%	$283	$246
SCG	$98	$92	94%	$22	$26	118%	$26	$42	162%	$146	$161
SDGE	$50	$50	100%	$16	$12	75%	$5	$4	80%	$71	$68

This slide has been updated to account for corrected forecast spending for MCE.

Forecasted versus Expenditures & TSB - CCA

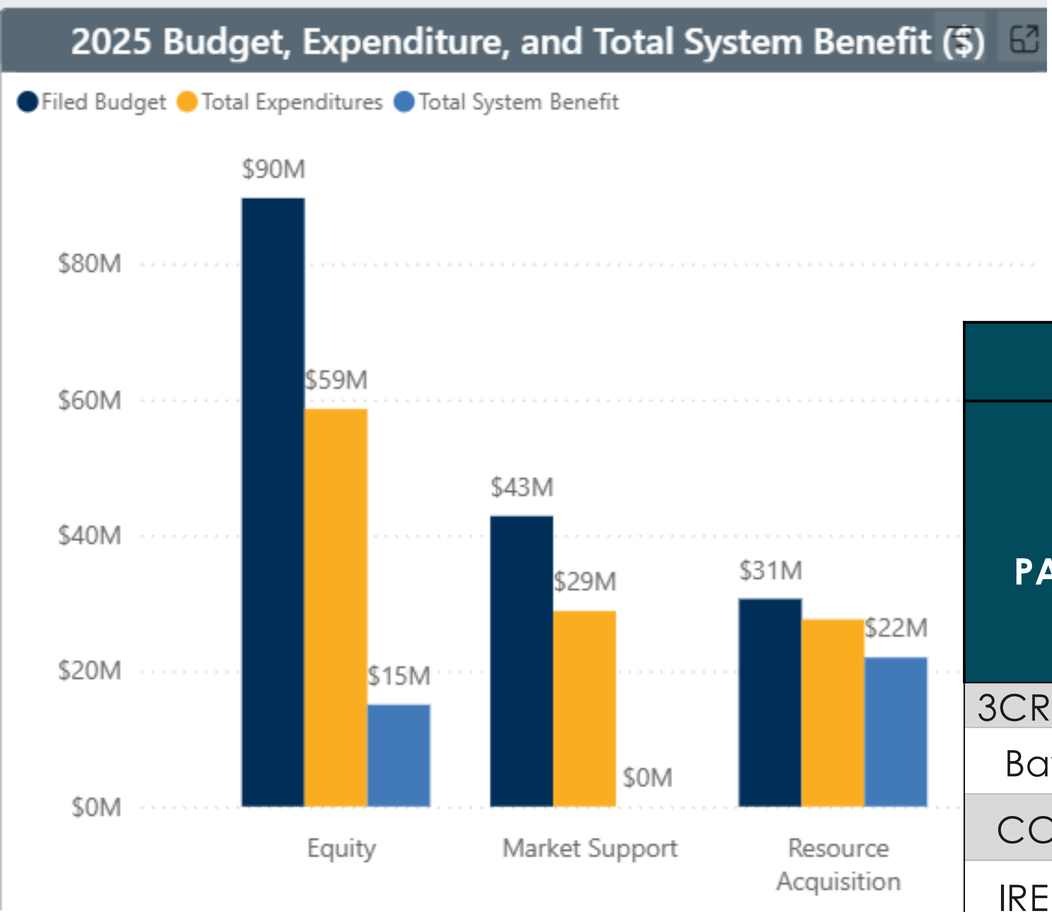


Excludes: C&S, ESA, EM&V
Source: CEDARS, 2026

- Expenditures matched forecasted spending for Market Support and Equity.
- Resource Acquisition spend was much lower than forecasted.
- Low TSB likely due to reduced spending in RA segment
- Total expenditures were half of forecasted spending.
- Remaining funds can be rolled over in subsequent years.

	Expenditure (Millions $)/Forecasted by Program Segment										
PA	Resource Acquisition			Market Support			Equity			2025 Total Fore-cast	2025 Total Spent
	Fore-cast	Spent	S/F	Fore-cast	Spent	S/F	Fore-cast	Spent	S/F		
MCE	$13	$3.4	26%	$1	$.9	90%	$5	$5.3	106%	$17	$10

Forecasted versus Expenditures & TSB - RENs



Excludes: C&S, ESA, EM&V
Source: CEDARS, 2026

- All RENs spent less than forecasted spending for the year.
- 2025 was a ramp up year for SDREN, so expenditures were much lower than forecasted.
- SoCalREN increased spending on Resource Acquisition compared to forecast while decreasing on MS & E.
- Overall for RENs, TSB was slightly lower than expenditures for RA.

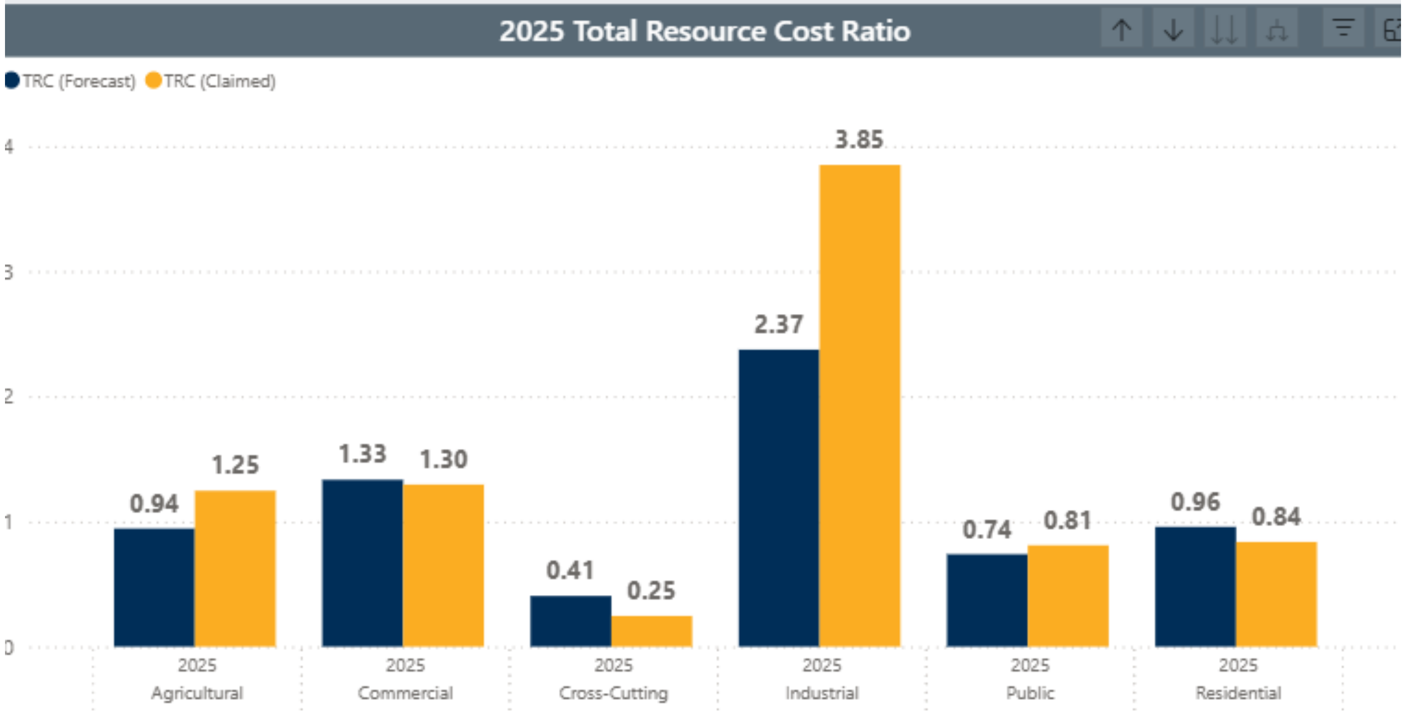
	Expenditure (Millions $)/Filed Forecasted by Program Segment										
PA	Resource Acquisition			Market Support			Equity			2025 Total Fore-cast	2025 Total Spent
	Forecast	Spent	S/F	Forecast	Spent	S/F	Forecast	Spent	S/F		
3CREN	$0	$0	100%	$3	$2	66%	$11	$9	81%	$15	$11
Bay	$5	$4	80%	$6	$6	100%	$25	$19	76%	$36	$29
CCR	$2	$2	100%	$0	$0	100%	$7	$5	71%	$10	$7
IREN	$0	$0	100%	$3	$3	100%	$8	$7	88%	$12	$9
NREN	$4	$3	75%	$1	$0	0%	$4	$3	75%	$9	$5
SCREN	$15	$19	127%	$19	$17	89%	$18	$15	83%	$52	$50
SDREN	$4	$0	0%	$11	$2	18%	$15	$1	7%	$30	$3

Cost Effectiveness – Forecast and Claimed

TRC Ratio by PA			
PA		TRC for RA Segment	Total Portfolio TRC
IOU	PGE	**2.00**	**1.45**
	SCE	**1.11**	**0.99**
	SCG	**1.78**	**1.23**
	SDGE	**1.16**	**0.98**
CCA	MCE	0.17	0.21
REN	3CREN	NA	0.22
	BayREN	0	0.20
	CCR REN	**1.50**	0.43
	IREN	NA	0.01
	NREN	0.08	0.03
	SCREN	**1.13**	0.59
	SDREN	0.00	0.00

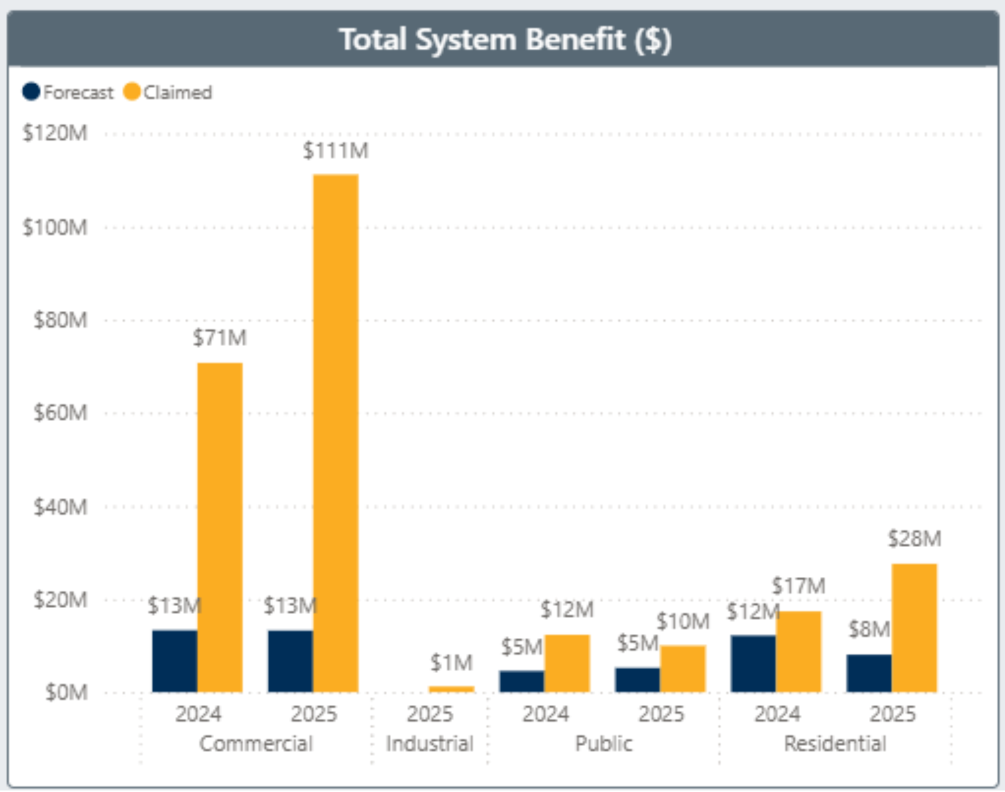
Excludes C&S, ESA, EM&V, ESPI
Source: CEDARS, July 2026

- All IOUs exceeded TRC 1.0 for Resource Acquisition; MCE did not meet TRC expectations.
- CCR REN and SoCalREN attained TRC > 1 in their RA segments.
- Low TRC for RENs reflects higher investment in programs where there are not any claims, esp. Market Support and Equity programs, rather than RA.
- Industrial sector saw high TRC primarily driven by Custom SEM programs.



Fuel Substitution

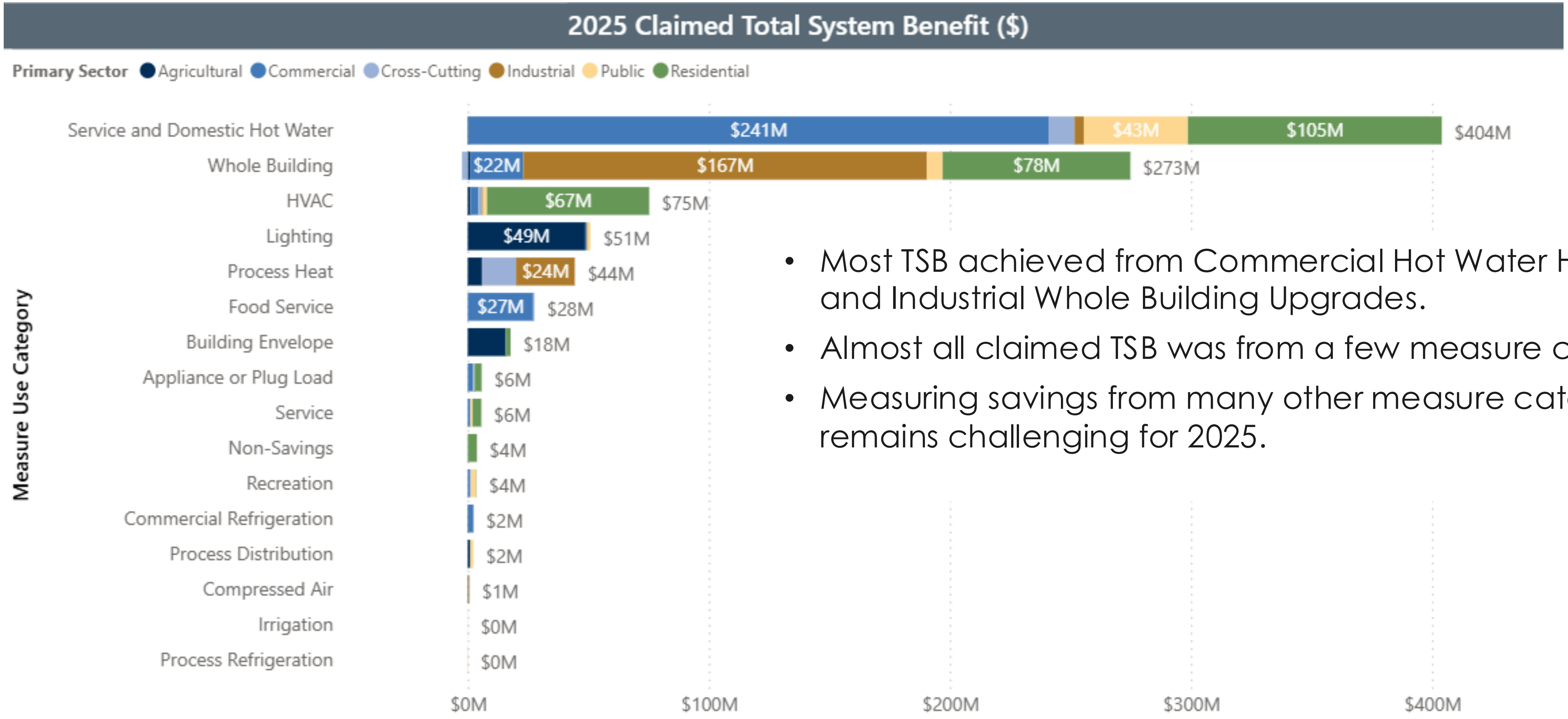
2024 v 2025 TSB (Millions $) for Fuel Sub.		
PA	**2024 TSB**	**2025 TSB**
PGE	$18	$33
SCE	$67	$97
SCG	$2	$2
SDGE	$7	$7
MCE	$0	$1
3CREN	$1	$1
BayREN	$2	$4
CCR REN	NA	$0
IREN	NA	NA
NREN	NA	$.1
SCREN	$3	$5
SDREN	NA	NA



Excludes: C&S, ESA, EM&V
Source: CEDARS, July 2026

- Compared to 2024 PY SCE and PG&E delivered significant increasing TSB from Fuel Substitution.
- TSB forecasts for 2025 remained low despite having been exceeded in 2024.
- Most TSB from Fuel Sub came from Commercial programs.
- BayREN and SoCalREN increased TSB from Fuel Sub in 2025.
- CCR REN and NREN were ramping up fuel sub in 2025. IREN and SDREN did not implement fuel sub at all.

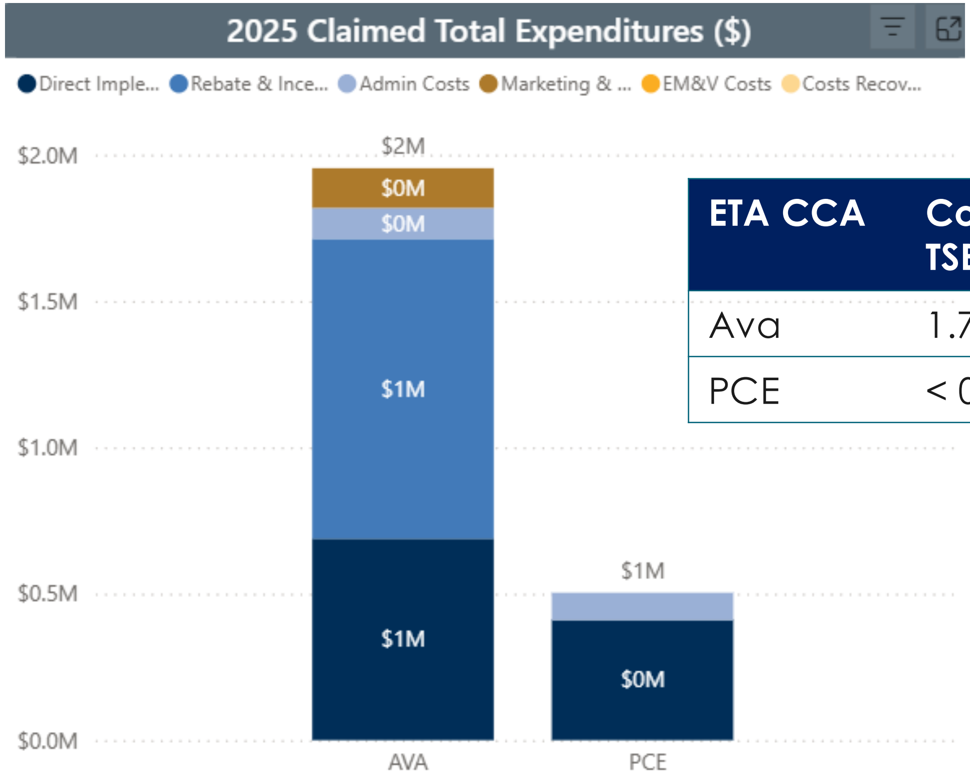
2025 Achievements by Measure Category



- Most TSB achieved from Commercial Hot Water Heaters and Industrial Whole Building Upgrades.
- Almost all claimed TSB was from a few measure categories.
- Measuring savings from many other measure categories remains challenging for 2025.

Excludes C&S, ESA, EM&V
Source: CEDARS, July 2026

Elect to Administer CCAs



ETA CCA	Contribution to PGE TSB
Ava	1.7%
PCE	< 0.1%

ETA CCA Expenditure and Metrics			
	PA	Total Spent (all in Resource Acquiistion)	TRC
CCA	Ava	$2	1.34
	PCE	<$1	0.06

- ETA CCAs contribute TSB to their IOU service territory.
- Ava and PCE only spent in Resource Acquisition.
- Ava has TRC > 1.0.
- PCE's TRC was below threshold; PCE's program was implemented for only a few months (Feb-April).

Excludes: C&S, ESA, EM&V
Source: CEDARS, July 2026

Summary

All PAs	TSB Goal	TSB	Forecast Budget	Total Expenditures	TRC Forecast	TRC Claimed	PAC	RIM
Total	$991M	$917M	$786	$770M	1.01	1.05	1.17	1.04

- All IOUs met and **exceeded** TSB targets.
- IOU claims met Cost Effectiveness requirements for RA segment.
- Major drivers of portfolio TSB are:
  - Industrial (SEM program)
  - Commercial Hot Water Heaters
- Benefits are not quantified for many EE measures

Thank You

California Public Utilities Commission

MEMBER AND PUBLIC Comments on Misrepresentations

CAEECC Members: *raise your hand*

Public: *Go to Slido.com, enter code* **#2454529**, *and use the* ***CPUC*** *tag*

Welcome
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3:00 - 3:55 PM

Wrap Up
3:55 - 4:00 PM

Next Session: **IOU Performance Review**

A. SCE
B. PG&E
C. SDG&E
D. SoCalGal
E. IOU Q&A

Conduct Slido Demo

Participation

Go to Slido.com and enter code #2454529

Questions & Input can be added **at any point** during the PA presentation. There is a 300 character limit. Use replies to add on if you need more space.

Please **add your name/attribution** to your question to support facilitation.

Please **tag** your Questions according to the PA Presenter (i.e. PG&E or SoCalREN), so we can address your questions accordingly.

Questions can be **upvoted** to uplift common questions. **Due to limited time, only a few questions may be addressed during the meeting.**

The Facilitator will use upvotes and facilitator discretion in selecting questions. All questions will be included in the Meeting Summary. PAs will be asked to respond in the Meeting Summary.

Portfolio Performance Report Review

California Energy Efficiency Coordinating Committee (CAEECC)

Southern California Edison
Presenter: Ashley Hall, Energy Efficiency-Performance and Resource Management

July 30, 2026

SCE’s 2025 Portfolio Key Highlights – Qualitative

The portfolio's strongest performance themes were high-value heat pump deployment, SEM expansion, affordability-focused delivery, agricultural performance, and disciplined third-party management.

Strong Portfolio Performance - Affordability Focus

- Portfolio exceeded CPUC-approved goals, achieving **236% of its Total System Benefit (TSB) goal** and a portfolio **Total Resource Cost (TRC) of 1.02** (excluding Codes & Standards (C&S), while delivering approximately **$276M in estimated first-year ratepayer bill savings**.

Fuel Substitution & Heat Pump Technologies Gained Momentum

- Heat pump technologies was a major contributor to portfolio performance, delivering approximately **$90M in TSB**, with **Heat Pump Water Heaters (HPWHs) accounting for 97% of approximately 278 projects**.

Measured Savings Approaches Became a Larger Part of the Portfolio Strategy

- Expanded use of Net Normalize Metered Energy Consumption (NMEC), Market Access, Strategic Energy Management (SEM), and pay-for-performance delivery models through multiple programs and SEM offerings, advancing a **more outcome-driven portfolio strategy focused on verified savings, grid value, customer engagement, and scalable whole-building approaches.**

Agriculture was a Standout Sector

- The Agriculture EE Program delivered over **$34M in TSB**, more than **61 GWh** in energy savings, and achieved **over 130% of energy savings targets** through customer education, outreach, and scalable solutions.

C&S Remained a Major Portfolio Performance Driver

- Delivered substantial upstream and policy-driven savings, **achieving 112% of energy savings goal** and **125% of demand reduction goal**, with approximately **1,126 GWh** of energy savings, **232.5 MW** of demand reduction, and **$1.026B in TSB**.

Workforce Education and Training Strengthened Market Readiness for Clean Energy Adoption

- Expanded workforce training in EE, electrification, and emerging technologies, reaching nearly **34,000 participants (195% of target)** and **achieved 77%** the **Disadvantaged Worker participation (179% of target).**

SCE's Key Challenges

SCE's 2025 results were strong overall, but several challenges remain as the portfolio continues shifting toward equity, electrification, measured savings, and deeper customer engagement.

Current EE Framework Often Makes it Difficult to Innovate

- Savings attribution, cost-effectiveness, Net-to-Gross (NTG) validation, and approval requirements can limit program flexibility and create friction between market needs and what can be counted, approved, and delivered.
- SCE's electric-only deemed measure set declined from 134 measures in 2020 to 108 in 2026 (~20% reduction), leaving approximately 72 measures to support electric EE program design.

C&S Faces Headwinds Have Made Future Savings More Difficult

- With AB 130 limiting near-term residential code advancement in CA and CARB shifting from electrification mandates to targets, and SCAQMD rejecting proposed zero-emission appliance rules, the C&S Program refocused on 2025 Title 24 compliance and nonresidential/local building performance initiatives.

Innovation Still Needs a Stronger Bridge to Deployment

- SWEETP generated 148 project submissions and increased stakeholder participation by ~17% in 2025, demonstrating continued interest in emerging technologies; however, translating promising technologies into scalable portfolio offerings remains a challenge.

Newer Program Models Created Strong Future Pathways but Limited Near-Term Savings

- Several 2025 programs focused on startup, customer engagement, and pipeline development, with savings expected to ramp up in 2026.

2025 Portfolio Key Highlights – Quantitative

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	$240,141,817	$194,486,482	1.15	1.18
Market Support	$11,848,327	$45,584,834	0.43	0.40
Equity	$524,007	$5,833,609	0.12	0.12
EM&V	$0	$8,008,246	-	-
Total (w/o C&S)	**$252,514,151***	**$253,913,173**	**1.02**	**1.04**
Codes & Standards	$1,025,735,746	$23,817,421	1.56	41.72
Total (w/ C&S)	**$1,278,249,896**	**$277,730,594**	**1.39**	**4.08**

* Excludes C&S, ESA and RENs contributions.

2025 and 4-year Portfolio Key Highlights – Quantitative ($ in millions)

Budget Composition	
2025 Equity + Market Support Composition *(IOUs require <30% for MS&E)*	*2025 Admin Cap <10%*
20%	**3.5%**

2025 vs 4-year Portfolio Budget vs. Spend (%)	
2025 Budget: $318 2025 Spend: $ 253.9	2025 80% Spend
4-year Budget: **$1,183** 4-year Spend: **$485**	4-year **41%** Spend

2025 vs 4-year TSB Goal vs. Achieved (%)	
2025 TSB Goal: $117 2025 TSB Achieved: $276*	2025 236% TSB Achieved
4-year TSB achieved **$435**	4-year **79%** achieved

*Include RENs contributions

2025 vs 2024 Claims by Sector

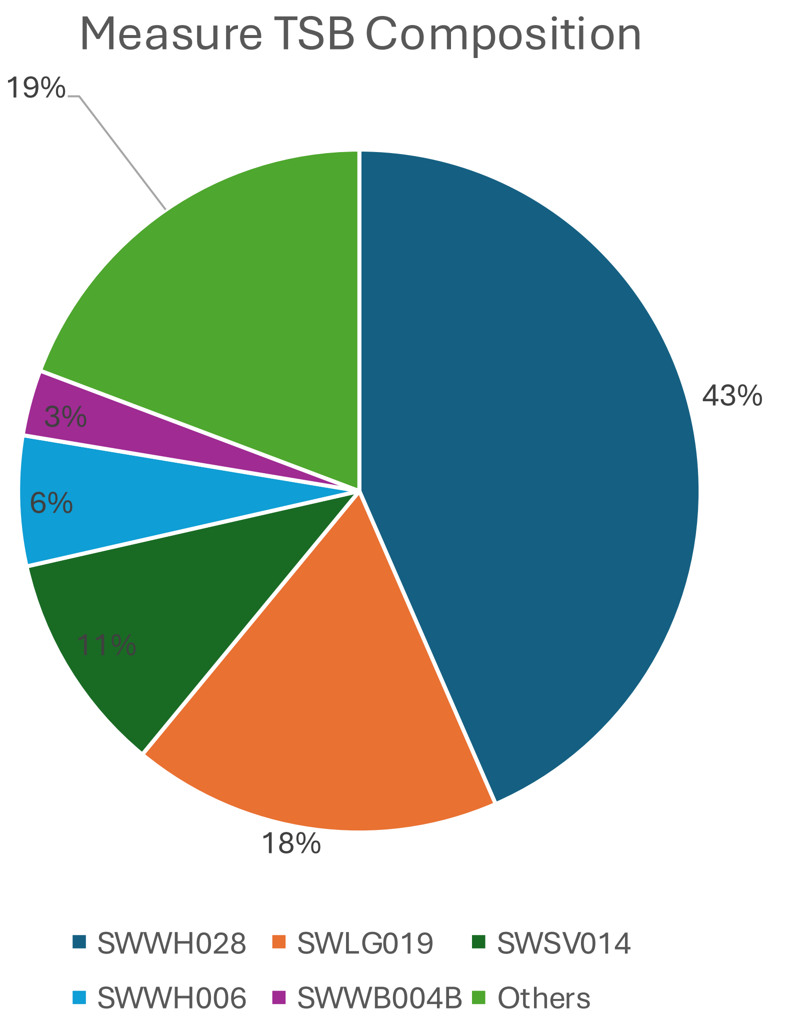
2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S)	$34,171,675 $34,171,675	$128,444,090 $128,444,090	$1,025,735,745 $0	$16,273,509 $16,273,509	$4,277,862 $4,277,862	$69,347,011 $69,347,011	$1,278,249,896 $252,514,150
Lifecycle GHG (net, w/o C&S)	137,698 137,698	355,018 355,018	4,678,969 -	81,145 81,145	14,711 14,711	93,338 93,338	5,360,879 681,910

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S)	$3,474,018 $3,474,018	$98,832,402 $98,832,402	$1,059,412,171 $1,106,617	$10,430,678 $10,430,678	$3,207,507 $3,207,507	$31,830,188 $31,830,188	$1,207,186,966 $148,881,412
Lifecycle GHG (net, w/o C&S)	14,070 14,070	266,219 266,219	5,134,750 6,652	52,331 52,331	6,956 6,956	60,755 60,755	5,535,081 406,982

This slide was provided on 7/30 and presented in the meeting, but integrated into this deck after the meeting.

Portfolio Measures & TSB Deep Dive

Top 5 Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
SWWH028 – Large Heat Pump Water Heater, Commercial and Multifamily, Fuel Substitution	$83,845,920	Commercial
SWLG019- LED, Indoor Horticulture	$33,789,924	Agricultural
SWSV014 – Lifecycle Refrigerant Management, Residential	$20,224,854	Residential
SWHC059 – Smart Fan Controller, Residential	$11,885,352	Residential
SWWB004B-Home Energy Report - Opower Wave 0	$6,019,377	Residential



Cumulative TSB for “Other” measures is $37,163,736

Open Discussion / Questions

PA Name: Southern California Edison
Contact Name: Ashley Hall
Contact Email: Ashley.Hall@sce.com

MEMBER AND PUBLIC QUESTIONS & INPUT

CAEECC Members: *raise your hand*

Public: *Go to Slido.com, enter code* **#2454529***, and use the* ***SCE*** *tag*

CAEECC 2025 Report Out Template for 7-30-2026 PPRR Meeting

2025 Portfolio Key Highlights - Qualitative

Innovative new programs

- Ramp up of Residential and Zonal Equity pilots
- Launched Commercial SEM
- Innovative SW HVAC solicitation

Successful delivery of cost-effective TSB and program outcomes

- Expanded Industrial SEM
- SW Res New Construction installed >5,000 HPs through diverse builder participation
- Res Behavioral offerings through HERs

WE&T

- ~65% of WE&T classes supported BE with over 15k training attendees
- Loaned over 3.8k tools and 500+ induction cooktops
- Added DOE Energy Skilled HP training

C&S

- Enhanced energy code compliance by training over 4.7k students and mentoring over 10 Associate Energy Analysts (AEA)
- Supported 65 jurisdictions across CA navigate challenges to pursue local ordinances
- Collected 2028 Energy Code measure ideas with feedback through statewide IOU-sponsored stakeholder meetings

Key Challenges

ResCEO

- Initial market analysis phase in 2025 demonstrated that the lack of available technology capable of controlling multiple pieces of equipment would make it challenging to generate data that would inform PG&E's long-term load shifting strategy.

Non-Res HP HW workpaper volatility

- Multiple in year work paper changes created challenging forecasting and program delivery dynamics

Slow ramp-up for the Measured Savings for Summer Reliability Program

- Market access aggregators have needed to adjust their project development processes to comply with Resource Acquisition program eligibility, leading to lower-than-expected Total System Benefit (TSB).
- To generate interest in higher-value projects, the Implementer offered enhanced incentives and kickers. This did translate into more favorable results.

Initial adoption of residential electrification pilots, Empower My Home, Powerful Neighborhoods and Electrify My Block slower than expected.

- Mistrust in the market, stemming from skepticism around 'free upgrades' and increased presence of federal immigration agents, created challenges for the program to engage customers directly. However, the programs are seeing increasing success by partnering with local CBOs and community-based contractors.
- Remediation costs are higher than anticipated, with higher prevalence of knob and tube in target communities.

Key Challenges

AB 130 and federal deregulatory actions drove major pivots for C&S work

- AB 130 created a moratorium on changes to residential buildings in the 2028 Energy Code which necessitated a shift to non-residential measure support
- AB 130 also intensified requests from local jurisdictions for technical assistance from the C&S team in advance of the deadline for reach code adoption
- Significant federal appliance standards deregulatory actions required an urgent and laborious response from the statewide C&S team

2025 Portfolio Key Highlights - Quantitative

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	$331,612,422	$125,770,840	2.00	2.37
Market Support	$3,116,276	$34,579,833	0.07	0.13
Equity	$0	$11,769,106	0.00	0.00
EM&V	$0	$7,050,472	0.00	0.00
Total (w/o C&S)	$334,728,698	$179,170,253	1.43	1.80
Codes & Standards	$1,280,968,421	$39,210,564	1.54	31.03
Total (w/ C&S)	$1,615,697,119	$218,380,817	1.51	6.89

This slide was provided after the meeting as a correction.

2025 and 4-year Portfolio Key Highlights - Quantitative

Budget Composition	
2025 Equity + Market Support Composition *(IOUs require <30% for MS&E)*	*2025 Admin Cap (%)*
26%	**4.6%***

*MCAL Admin cap calculation covers 2024-2027 period

2025 vs 4-year Portfolio Budget vs. Spend (%)	
2025 Budget: $233M* 2025 Spend: $218M*	2025: 94% Spend
4-year MCAL Budget: $888M* 4-year Spend: $424M*	4-year: 48% Spend

*excludes OBF Loan Pool and CPUC Portfolio Oversight

2025 vs 4-year TSB Goal vs. Achieved (%)	
2025 TSB Target: $212M 2025 TSB Achieved:* $348M	2025: 164% TSB Achieved
4-year TSB achieved* $660M	4-year: 78% TSB achieved

*Includes REN & CCA attributions towards goal

2025 vs 2024 Claims by Sector

2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S)	$19,199,720	$88,652,049	-$2,366,822	$152,628,837	$18,758,100	$57,856,812	$334,728,696
TSB (net, incl. C&S)	$19,199,720	$88,652,049	$1,278,601,597	$152,628,837	$18,758,100	$57,856,812	$1,615,697,115
Lifecycle GHG (net Metric Tons, w/o C&S)	78,352	383,779	-8,111	569,410	73,820	183,911	1,281,161

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S)	$23,605,029	$65,092,170	-$7,955,060	$159,162,166	$13,063,172	$48,778,743	$301,746,220
TSB (net, incl. C&S)	$23,605,029	$65,092,170	$1,313,687,477	$159,162,166	$13,063,172	$48,778,743	$1,623,388,757
Lifecycle GHG (net Metric Tons, w/o C&S)	91,646	302,461	-31,881	617,133	48,986	170,218	1,198,563

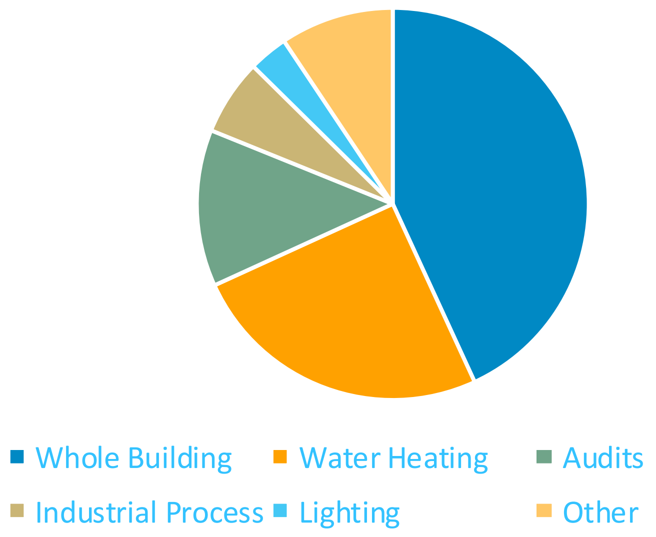
Portfolio Measures & TSB Deep Dive

Instructions:

- *The purpose of this slide is to identify the top 5 measures in the portfolio and quantify how much those measures contributed to the TSB that the portfolio achieved.*
- *These can be the top 5 measures in the portfolio (including deemed, MAP, site NMEC, custom, and other program types) - beyond deemed.*
- *"Other" would represent the TSB sum of all other measures that are not in the top 5.*

Top 5 Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
Whole Building (SEM, NMEC)	$144,393,149	All
Water Heating	$83,830,431	Ag, Com, Ind, Pub, Res
Audits	$43,313,905	Residential
Industrial Process Pre-Evaporators	$20,962,457	Industrial
Lighting	$10,862,488	Ag, Ind, Public

Measure TSB Composition



Open Discussion / Questions

Instructions: This slide is a placeholder for stakeholder questions. This slide should also include contact information for the Portfolio Administrator (PA) if stakeholders are interested in contacting the PA separately to ask questions or connect.

PA Name: PG&E
Contact Name: Lisa Hunter
Contact Email: lisa.hunter@pge.com

MEMBER AND PUBLIC QUESTIONS & INPUT

CAEECC Members: *raise your hand*

Public: *Go to Slido.com, enter code* **#2454529**, *and use the* ***PG&E*** *tag*

SDG&E 2025 Energy Efficiency Annual Report Out - CAEECC

July 30, 2026

2025 Portfolio Key Highlights - Qualitative

- Statewide Resource Acquisition programs help drive SDG&E's Total Resource Cost (TRC), showing SDG&E's regional programs are not as cost effective
- Shifted funds to optimizing Total System Benefit (TSB) and TRC gain
- Top 3 programs: Statewide Midstream Commercial Water Heating (MCWH) (18%), Industrial (16%), and Multi-Family (16%)
- Top 5 measures: Strategic Energy Management (SEM), Whole Building Upgrade, Insulation Tankless Water Heater, Insulation, and Heat Pump Water Heater
- Fuel-Substitution measures accounts for 9% of TSB

Key Challenges

- Limited participation in a variety of measures offerings for sector and/or program
- Balancing Total System Benefit (TSB) vs. Total Resource Cost (TRC) in both statewide and regional programs
- Most of TSB share is produced regionally but lower in TRC
- Traditional custom measures are still the lowest to contribute to TSB in portfolio
- Deemed measures are still more popular
- Continue to monitor Pop-Normalized Metered Energy Consumption (NMEC) Designed Programs

Program	Measures Linked	Measures Used	% Used
4001	11	6	54.55%
4002	16	12	75.00%
4006	30	1	3.33%
4009	23	0	0.00%
4166	7	5	71.43%
4170	29	2	6.90%
4173	5	2	40.00%
4178	7	5	71.43%
4179	3	3	100.00%

2025 Portfolio Key Highlights - Quantitative

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	$76,222,442	$50,459,620	1.19 (1.05 w/o statewide programs)	1.43
Market Support	$1,737,842	$11,835,450	0.21	0.21
Equity	$5,104	$4,086,511	0.00	0.00
EM&V	0	$1,812,826		
Total (w/o C&S)	**$77,965,388**	**$68,194,408**	**1.00**	**1.15**
Codes & Standards	$235,447,196	$3,932,895	1.58	59.87
Total (w/ C&S)	**313,412,584**	**72,127,304**	**1.37**	**4.19**

2025 and 4-year Portfolio Key Highlights - Quantitative

Budget Composition	
2025 Equity + Market Support Composition (IOUs require <30% for MS&E)	2025 Admin Cap (%)
27.36%	**7.15%**

2025 vs 4-year Portfolio Budget vs. Spend (%)	
2025 Budget: $77,793,187 2025 Spend: $71,743,098	2025 92% Spend
4-year Budget: $ 294,225,810 4-year Spend: $130,914,967	4-year 44% Spend

2025 vs 4-year TSB Goal vs. Achieved (%)	
2025 TSB Goal: $45,267,492 2025 TSB Achieved: $77,965,388	2025 172% TSB Achieved
4-year TSB achieved $128,495,104	4-year 56% TSB achieved

2025 vs 2024 Claims by Sector

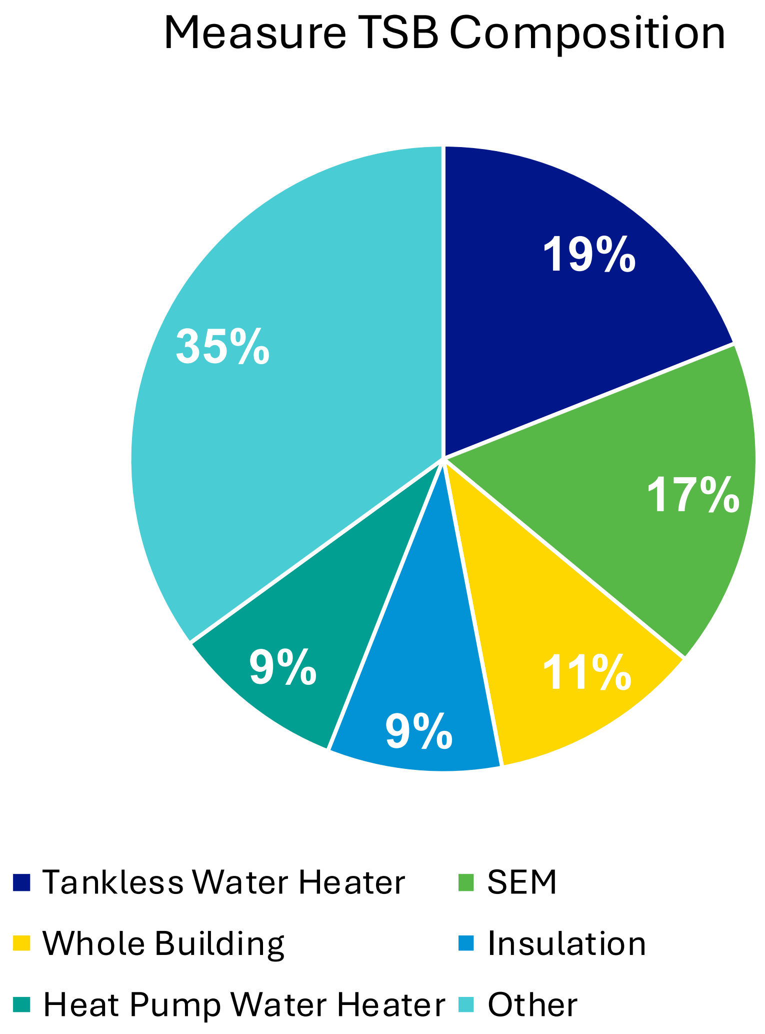
2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	$2,179,989	$32,721,071	$235,447,196	$12,656,552	$4,909,280	$25,498,494	$313,412,584
Lifecycle GHG (net, w/o C&S)	7,559	134,596	N/A	38,981	18,275	68,218	267,628

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	$674,611	$24,521,194	$242,923,264	$5,309,300	$632,040	$19,392,569	$293,452,980
Lifecycle GHG (net, w/o C&S)	2,507	108,429	N/A	17,612	3,203	61,768	193,519

Portfolio Measure & TSB Deep Dive

Top 5 Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
Tankless Water Heater	$14,422,682	COM/Public
Strategic Energy Mgmt	$13,141,892	COM/IND/Public
Whole Building Upgrade	$8,101,464	COM/RES/Public
Insulation	$7,146,244	COM/RES/Public
Heat Pump Water Heater	$6,974,399	COM/RES/Public

COM: Commercial
RES: Residential



Open Discussion / Questions

Contact Name: Kelvin Valenzuela
Contact Email: Kvalenzuela@sdge.com

MEMBER AND PUBLIC QUESTIONS & INPUT

CAEECC Members: *raise your hand*

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SOCALGAS 2025 ANNUAL REPORT OUT

July 30, 2026

SoCalGas™

2025 Portfolio Key Highlights - Qualitative

Innovation	Community & Equity	Customer Support & Affordability
• Advanced future efficiency measures through GET research and demonstrations. • SoCalGas Marketplace increases access to efficient technologies. • Technology Solutions that improve customer experience and improve quality.	• Expanded multilingual outreach and direct-install services for customers. • Expanded access to affordable EE Financing • Facilitated increased linkage with ESA programs	• Expanded customer engagement in energy efficiency programs. • Launched leasing packages for customers to overcome limited up-front capital constraints. • Supported Los Angeles-area wildfire recovery with enhanced efficiency incentives.

Key Challenges

- ❖ Upfront costs and implementation barriers limited project adoption.
- ❖ Customer participation barriers limited adoption in some market segments
- ❖ Startup and market development timelines delayed newer program ramp-up
- ❖ Strong customer demand in gas energy efficiency increased pressure on program budgets

- ❖ Expanded incentives and financing options to improve affordability
- ❖ Strengthened outreach through trade allies, community partners, and multilingual engagement
- ❖ Enhanced program design and quality assurance to support participation and delivery
- ❖ Implemented new budget management strategies to support the remainder of the cycle

2025 Portfolio Key Highlights – Quantitative

	2025 Total System Benefit* ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness	
			TRC	PAC
Resource Acquisition	$186,707,762	$91,990,593	1.79	2.04
Market Support	$5,924,335	$26,351,997	0.24	0.25
Equity	$20,301,016	$42,458,761	0.47	0.49
EM&V	$0	$3,862,791		
Total (w/o C&S)	$212,933,112	$164,664,142	1.21	1.33
Codes & Standards	$284,345,594	$1,997,673	1.60	142.34
Total (w/ C&S)	$497,278,706	$166,661,817	1.41	3.05

**Data only includes SoCalGas and SW programs, and doesn't include REN TSB which counts towards goal attainment.*

2025 vs 2024 Claims by Sector

2025		Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB	excluding C&S	$14,624,409	$42,971,325	$27,700,041	$15,355,138	$22,741,273	$89,540,923	$212,933,112
	including C&S	$14,624,409	$42,971,325	$312,045,635	$15,355,138	$22,741,273	$89,540,923	$497,278,706
Lifecycle GHG (net, w/o C&S)		54,842	265,208	105,347	56,054	93,153	364,853	939,467

2024		Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB	excluding C&S	$4,690,946	$64,023,058	$8,169,892	$16,927,882	$6,943,435	$72,012,366	$172,767,580
	including C&S	$4,690,946	$64,023,058	$301,544,207	$16,927,882	$6,943,435	$72,012,366	$466,141,894
Lifecycle GHG (net, w/o C&S)		18,083	358,292	29,936	65,506	32,913	307,373	812,102

2025 and 4-year Portfolio Key Highlights - Quantitative

Budget Composition	
2025 Equity + Market Support Composition (IOUs require <30% for MS&E)	*2025 Admin Cap* *(10%)*
34%	1.9%

2025 vs 4-year Portfolio Budget vs. Spend (%)	
2025	
Budget: $153,968,285 Spend: $166,661,817	108% Spend
4-year	
4-year Budget: $615,873,146 4-year Spend: $289,762,750	47% Spend

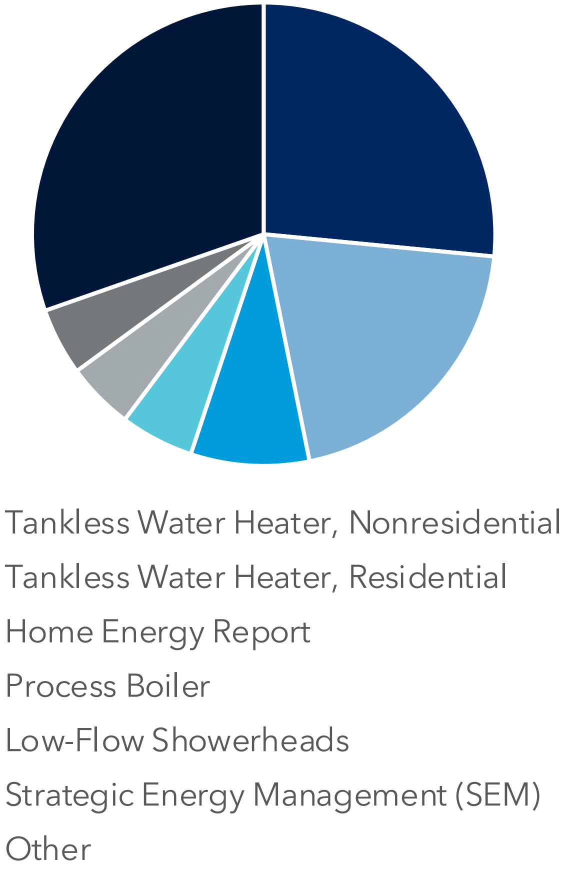
2025 vs 4-year TSB Goal vs. Achieved (%)	
2025	
TSB Goal: $188.7 MM TSB Achieved: $217.5 MM	111% TSB Achieved
4-year	
TSB Goal $716.6 MM TSB Achieved $391.9 MM	55% TSB Achieved

*Includes combined cumulative actuals from 2024 and 2025.

Portfolio Measures & TSB Deep Dive

Top Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
Tankless Water Heater, Nonresidential	$56,500,316	Com, Pub, Ind
Tankless Water Heater, Residential	$43,205,311	Res
Behavioral Home Energy Report	$17,607,914	Res
Process Boiler	$10,950,943	Ag, Com, Pub, Ind
Low-Flow Showerheads	$10,023,273	Res, Com, Pub
Strategic Energy Management (SEM)	$10,015,634	Com, Pub, Ind

Measure TSB Composition



SoCalGas

Glad to be of service

Open Discussion / Questions

PA Name: SoCalGas

Contact Name: Darren Hanway

Contact Email: Dhanway@socalgas.com

SoCalGas

Glad to be of service

MEMBER AND PUBLIC QUESTIONS & INPUT

CAEECC Members: *raise your hand*

Public: *Go to Slido.com, enter code* **#2454529***, and use the* ***SoCalGas*** *tag*

MEMBER AND PUBLIC IOU Q&A

CAEECC Members: *raise your hand*

Public: *Go to Slido.com and enter code*

#2454529

Welcome
10:00 - 10:05 AM

Background & Performance Overview 01
10:05 - 10:20 AM

IOU Performance Review 02
10:40 - 11:30 AM (followed by a Break)

Southern CA REN Performance Review 03
11:40 - 12:35 PM (followed by Lunch)

Central CA REN Performance Review 04
1:15 - 1:55 PM

Northern CA REN + CCA Performance Review 05
1:55 - 2:50 PM (followed by a Break)

Key Challenges Discussion 06
3:00 - 3:55 PM

Wrap Up
3:55 - 4:00 PM

Break until 11:40

Welcome
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3:00 - 3:55 PM

Wrap Up
3:55 - 4:00 PM

Next Session: **Southern CA REN Performance Review**

A. I-REN
B. SoCalREN
C. SDREN
D. Regional Q&A

Conduct [Slido Demo]

Participation

Go to Slido.com and enter code #2454529

Questions & Input can be added **at any point** during the PA presentation. There is a 300 character limit. Use replies to add on if you need more space.

Please **add your name/attribution** to your question to support facilitation.

Please **tag** your Questions according to the PA Presenter (i.e. PG&E or SoCalREN), so we can address your questions accordingly.

Questions can be **upvoted** to uplift common questions. **Due to limited time, only a few questions may be addressed during the meeting.**

The Facilitator will use upvotes and facilitator discretion in selecting questions. All questions will be included in the Meeting Summary. PAs will be asked to respond in the Meeting Summary.

Inland Regional Energy Network (I-REN) CAEECC 2025 Report Out

July 30, 2026

2025 Portfolio Key Highlights - Qualitative

In 2025, I-REN continued expanding equitable access to energy efficiency by growing program participation, strengthening partnerships, supporting local agencies, and advancing workforce development while using evaluation findings to improve programs and inform future planning.

- 37 Energy Fellows placed across partner jurisdictions
- 5 Cash for Kilowatts (NMEC) projects completed and 12 approved for 2026
- First REN to offer live Spanish-language C&S training simulcasts
- Six EM&V studies launched to improve programs and inform the 2028–2035 Business Plan
- 60+ public agencies served, 52 energy audits, and 3.8 million sq. ft. benchmarked

Unique Value Metrics

Sector	UVM	2025 Achievement
Public	Number of BUC registrations in partner jurisdictions	4
C&S	Percentage of partner jurisdictions that use I-REN guides and tools for code compliance	22% (12 jurisdictions of 54 total)
WE&T	Number of Fellows placed within partner jurisdictions	37
WE&T	Count of school participants for WE&T projects	4
WE&T	Count of student participants for WE&T projects	295

New UVM:

C&S: Percentage of C&S trainings offered in Spanish language

Key Challenges

As I-REN's programs expanded, the organization prioritized increasing awareness, improving access for underserved agencies, converting identified opportunities into completed projects, and building workforce capacity to meet the region's growing energy efficiency needs.

Challenge	I-REN Response
Difficult-to-serve sectors	Expanded targeted outreach and no-cost technical assistance for underserved and hard-to-reach agencies.
Building decarbonization	Launched Integrated Demand-Side Management (IDSM) services to support comprehensive clean energy projects.
Reaching intended customers	Increased regional marketing, onboarding meetings, stakeholder working groups, and industry events.
Workforce development	Expanded the Energy Fellowship Program and introduced new tools such as Energy Resilience Roadmaps, BUC, and Spanish-language trainings.

2025 Portfolio Key Highlights - Quantitative

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	-	-	-	-
Market Support	-	$2,685,066.55	-	-
Equity	$79,146	$6,805,519.93	0.032	0.035
EM&V	-	$148,869.36	-	-
Total (w/o C&S)	**$79,146**	**$9,639,456**	**0.032**	**0.035**
Codes & Standards	**-**	$1,072,239.70	**-**	**-**
Total (w/ C&S)	**$79,146**	**$10,711,695.54**	**0.032**	**0.035**

2025 and 4-year Portfolio Key Highlights - Quantitative

Budget Composition	
2025 Equity + Market Support Composition *(IOUs require <30% for MS&E)*	*2025 Admin Cap (%)*
88.6%	**10%**

2025 vs 6-year Portfolio Budget vs. Spend (%)	
2025 Budget: $14,085,843.47 2025 Spend: $ 10,711,695.54	2025: 76.05% Spend
6-year Budget: $65,577,932 6-year Spend: $17,435,128.54	4-year: 26.6% Spend

2025 vs 4-year TSB Goal vs. Achieved (%)	
2025 TSB Goal: 572,750 2025 TSB Achieved: 79,146	2025: 14% TSB Achieved
4-year TSB achieved: 181,009	4-year: 7% achieved

2025 vs 2024 Claims by Sector

2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	N/A	N/A	N/A	N/A	$79,146	N/A	$79,146
Lifecycle GHG (net, w/o C&S)	N/A	N/A	N/A	N/A	448.13	N/A	448.13

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	N/A	N/A	N/A	N/A	$101,863	N/A	$101,863
Lifecycle GHG (net, w/o C&S)	N/A	N/A	N/A	N/A	710.80	N/A	710.80

Portfolio Measures & TSB Deep Dive

Top Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
Site NMEC (Lighting)	$79,146	Public

INLAND REGIONAL ENERGY NETWORK

PA Name: Inland Regional Energy Network (I-REN)
Contact Name: Benjamin Druyon
Contact Email: bdruyon@wrcog.us

MEMBER AND PUBLIC QUESTIONS & INPUT

CAEECC Members: *raise your hand*

Public: *Go to Slido.com, enter code* **#2454529**, *and use the* ***I-REN*** *tag*

Southern CA REN PPRRs

SoCalREN

2025 Portfolio Key Highlights - Qualitative

- Community-based, Tribal, regional, and cross-sector **partnerships informed program delivery,** connecting customers with complementary programs, funding opportunities, financing resources, and workforce development services.
- Affordability strategies required **a tailored combination of incentives, financing, grant support, and technical assistance** to advance projects despite budget constraints.
- **Fuel substitution projects required flexible incentives,** with multifamily electrification projects relying on HPWH bonuses and other complementary funding sources to remain viable.
- Demand for targeted Commercial and Agriculture offerings **highlighted persistent service gaps in underserved markets,** particularly for customers benefiting from direct install, technical assistance, and project development support.
- **Workforce programs strengthened the implementation pipeline,** connecting students, contractors, and employers through training, certifications, internships, and career pathway programs.
- Public agency demand remained strong for project delivery services, particularly for **HVAC upgrades, water and wastewater infrastructure improvements, mechanical system upgrades, and facility retrofits.**

2025 Portfolio Key Highlights – Unique Value Metrics

- Expanded access to underserved communities, with Commercial programs serving **100% HTR participants**, Agriculture projects located **entirely in DACs**, and **58% of multifamily units served located in DACs**.
- Addressed financing barriers through the Revolving Savings Fund, deploying approximately **$3.8 million** in 0% interest financing to help public agencies advance energy projects.
- Built the future energy workforce, supporting **53 internships, 57 Green Path Careers certifications, 20 E-Contractor certifications, and 513 Future Green Leaders Summit participants**.
- Strengthened local implementation capacity, engaging **331 Regional Workforce Alliance participants representing 151 organizations** and helping local workers complete more **than 300 contractor training courses and/or certifications**.
- Advanced hyper-local energy solutions through community partnerships, supporting regional partners throughout the territory and **five active Community-Based Design Collaborative initiatives** designed to address local energy needs and participation barriers.
- Provided project development and implementation support that translated into results, helping deliver **more than 300 completed projects** across Public, Residential, Commercial, and Agriculture sectors in 2025.

Key Challenges

- **Fuel substitution and electrification projects remain difficult to advance in the multifamily sector,** where projects often require multiple funding sources and incentive stacking. Changes to HPWH measure packages and uncertainty around complementary electrification programs created additional market challenges in 2025.
- **Producing deeper, long-lasting savings is increasingly challenging,** as many customers have already implemented lower-cost measures and remaining opportunities often involve more complex HVAC, central plant, water/wastewater, and whole-building system upgrades.
- **Public agencies face lengthy procurement, funding approval, and capital planning cycles,** which can delay implementation even when projects are cost-effective and customer interest is high.
- **Reaching intended customers in Tribal, rural, and other hard-to-reach communities** requires sustained relationship-building and localized delivery approaches, increasing the time and resources needed to develop projects and drive participation.
- **Workforce availability remains a constraint to scaling energy efficiency and electrification projects,** particularly as demand grows for specialized technical and installation expertise. Continued contractor training, certifications, and workforce pathway programs remain critical.
- **Current cost-effectiveness and savings frameworks do not fully capture market support and community-based program value,** particularly for technical assistance, workforce development, financing, and project development activities that are designed to enable future savings.

2025 Portfolio Key Highlights - Quantitative

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	18,869,134	18,793,624	1.13	1.03
Market Support	0	16,527,938	0	0
Equity	7,694,060	14,678,027	0.57	0.57
EM&V	0	576,793		
Total (w/o C&S)	26,563,193	50,576,384	0.59	0.56
Codes & Standards	0	0	0	0
Total (w/ C&S)	26,563,193	50,576,384	0.59	0.56

This slide was provided after the meeting as a correction.

2025 and 4-year Portfolio Key Highlights - Quantitative

Budget Composition	
2025 Equity + Market Support Composition *(IOUs require <30% for MS&E)*	*2025 Admin Cap (%)*
62%	**8%**

2025 vs 4-year Portfolio Budget vs. Spend (%)	
2025 Budget: **$53.4M** 2025 Spend: **$50.6M**	2025: **95% Spend**
4-year Budget: **$227.6M** 4-year Spend: **$78.9M**	4-year **35%** Spend

2025 vs 4-year TSB Goal vs. Achieved (%)	
2025 TSB Goal: **26.7M** 2025 TSB Achieved: **26.6M**	2025: **100%** TSB Achieved
4-year TSB achieved **36.0M**	4-year **35%** achieved

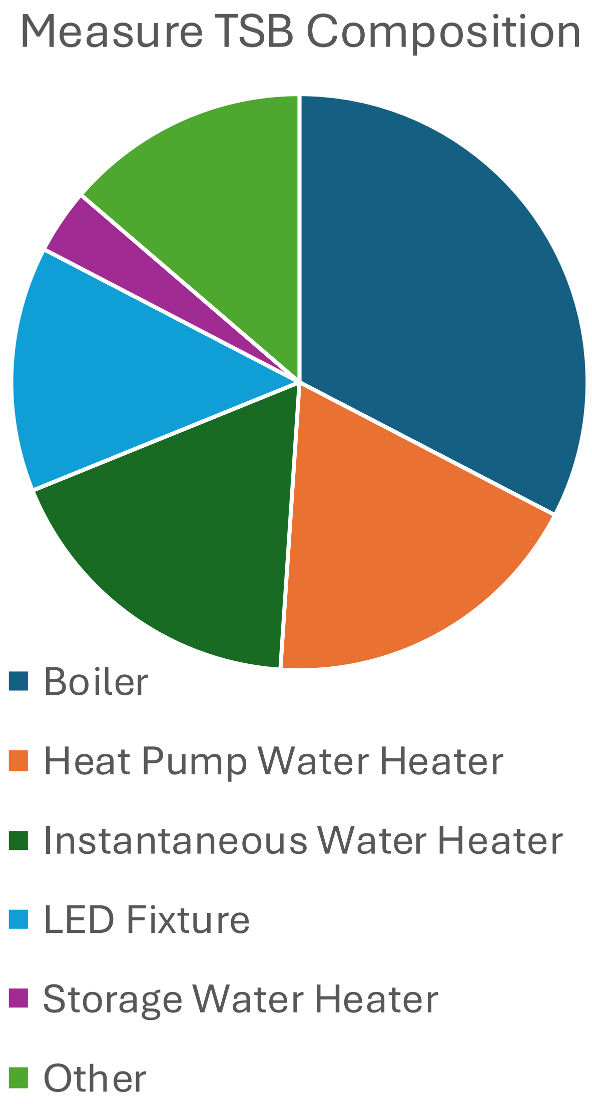
2025 vs 2024 Claims by Sector

2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	$4.1 M	$3.5 M	0	0	$6.1 M	12.9 M	26.6 M
Lifecycle GHG (net, w/o C&S)	16,600	14,180	0	0	23,613	51,420	105,812

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	0	0	0	0	$3.2 M	$6.2 M	$9.4 M
Lifecycle GHG (net, w/o C&S)	0	0	0	0	14,312	26,201	40,513

Portfolio Measures & TSB Deep Dive

Top 5 Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
Boiler	8,668,707	Residential, Public
Heat Pump Water Heater	4,893,101	Commercial, Public, Residential
Instantaneous Water Heater	4,730,471	Commercial, Public
LED Fixture	3,658,772	Agricultural
Storage Water Heater	968,595	Residential



Open Discussion / Questions

PA Name: County of Los Angeles (SoCalREN)

Contact Name: Lujuana Medina

Contact Email: lmedina@isd.lacounty.gov

MEMBER AND PUBLIC QUESTIONS & INPUT

***CAEECC Members:** raise your hand*

Public:** Go to Slido.com, enter code* **#2454529, and use the **SoCalREN** tag*

SAN DIEGO REGIONAL ENERGY NETWORK

SDREN Annual 2025 Portfolio Performance Report Review

CAEECC

July 30, 2026

SAN DIEGO
REGIONAL ENERGY NETWORK

The San Diego Regional Energy Network (SDREN) makes it simpler for everyone in San Diego County to save energy and realize the benefits of a clean energy economy.

Led by San Diego Community Power in partnership with the County of San Diego, SDREN offers 10 energy efficiency programs that shape how people access clean energy solutions, while ensuring benefits reach every corner of the region.

SAN DIEGO COMMUNITY POWER | COUNTY OF SAN DIEGO

2025 Portfolio Key Highlights – Qualitative

Operational readiness for 10 programs:

- Solicitations
  - Released multiple RFPs to procure portfolio-wide support services and program implementation partners
- Contract executions
  - Executed contracts with third-party program implementers for 7 out of 10 programs, administrative services, and marketing, website design & maintenance
- Pre-launch activities
  - Conducted market and needs assessments
  - Updated implementation plans in CEDARS
  - Hosted program launch webinars
  - Developed data coordination practices and documents in collaboration with SDG&E
- Formed SDREN Advisory Committee
- Developed website, brand assets and program marketing plans

Key Challenges

- Navigating dependencies
  - Program activities depended on procurement timelines requiring flexibility in scheduling while maintaining overall progress
- Building a strong foundation
  - Significant time dedicated to developing program documents, processes and tools to ensure successful implementation
- Refining program strategy
  - Incorporated market information and stakeholder input from needs assessments to strengthen program design
- Establishing governance
  - Developed process to facilitate submission and evaluation of applications for the formation of the SDREN Advisory Committee

2025 Portfolio Key Highlights – Quantitative

Most fields are marked "N/A" because SDREN did not have operational programs in 2025.

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	N/A	$296,224	N/A	N/A
Market Support	N/A	$1,638,531	N/A	N/A
Equity	N/A	$1,025,547	N/A	N/A
EM&V	N/A	$0	N/A	N/A
Total (w/o C&S)	N/A	$2,960,302	N/A	N/A
Codes and Standards	N/A	$375,001	N/A	N/A
Total (w/C&S)	N/A	$3,335,303	N/A	N/A

2025 and 4-Year Portfolio Key Highlights – Quantitative

Most fields are marked "N/A" because SDREN did not have operational programs in 2025.

Budget Composition	
2025 Equity and Market Support Composition (IOUs require <30% for MS&E)	*2025 Admin Cap (%)*
80%	**10%**

2025 vs 4-Year Portfolio Budget vs. Spend (%)	
2025 Budget: **$32,755,736** 2025 Spend: **$3,335,303**	2025: **10.2%** Spend
4-year Budget: **$124,274,206** 4-year Spend: **$3,649,083**	4-year: **2.9%** Spend

2025 vs 4-Year TSB Goal vs. Achieved	
2025 TSB Goal: $4,865, 783 2025 TSB Achieved: N/A	2025 % TSB Achieved: N/A
4-year TSB Achieved: N/A	4-year % TSB Achieved: N/A

SAN DIEGO REGIONAL ENERGY NETWORK

2025 vs 2024 Claims by Sector

Most fields are marked "N/A" because SDREN did not have operational programs in 2025.

2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lifecycle GHG (net, w/o C&S)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lifecycle GHG (net, w/o C&S)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Portfolio Measures and TSB Deep Dive

Fields are marked “N/A” because SDREN did not have operational programs in 2025.

Top 5 Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure	Applicable Sectors
N/A	N/A	N/A

Open Discussion/Questions

PA Name

San Diego Regional Energy Network

Contact

Sheena Tran, Associate Director of Programs

STran@SDCommunityPower.org

Link to 2025 Annual Report

SAN DIEGO
REGIONAL ENERGY NETWORK

Thank You

MEMBER AND PUBLIC QUESTIONS & INPUT

CAEECC Members: *raise your hand*

Public: *Go to Slido.com, enter code* **#2454529**, *and use the* ***SDREN*** *tag*

MEMBER AND PUBLIC REGIONAL Q&A

CAEECC Members: *raise your hand*

Public: *Go to Slido.com and enter code*

#2454529

Welcome
10:00 - 10:05 AM

Background & Performance Overview 01
10:05 - 10:20 AM

IOU Performance Review 02
10:40 - 11:30 AM (followed by a Break)

Southern CA REN Performance Review 03
11:40 - 12:35 PM (followed by Lunch)

Central CA REN Performance Review 04
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Key Challenges Discussion 06
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Wrap Up
3:55 - 4:00 PM

Lunch until 1:15

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Next Session: **Central CA REN Performance Review**

A. 3C-REN
B. CCR REN
C. Regional Q&A

Participation

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3C-REN

TRI-COUNTY
REGIONAL ENERGY NETWORK

SAN LUIS OBISPO • SANTA BARBARA • VENTURA

3C-REN 2025 Annual Portfolio Performance Report Review

July 30, 2026

2025 Portfolio Key Highlights

Qualitative

Building Performance Training

- 2,257 total attendees (1,408 unique participants)
- 10 supply-house outreach events (~280 contractors)
- 41 Guest Speaker events reaching 1,116 students
- Hands-on training in building science, heat pumps, Passive House, contractor mentoring, and construction tours

Energy Code Connect

- 546 total attendees (306 unique participants)
- 158 Code Coach inquiries (highest annual total)
- 30 participants enrolled in HERS Rater training and 31 enrolled in EPA 608 certification training
- Launched Spanish-language Code Coach webform and hotline

Multi-Family Home Energy Savings

- Served 605 units, totaling $1.33m in TSB
- 92% of projects served were equity target participants
- 100% projects included Fuel Substitution measures

Commercial Energy Savings

- 53 projects completed in first year
- 100% equity target participants

Single Family Home Energy Savings

- 886% increase in HTR projects from 2024 (69% of 2025 v. 7% in 2024)
- 98% of projects were Fuel Substitution projects
- 77% of projects stacked with complimentary incentives (3CE, HEEHRA, SBCE, CHERP)
- 76% realization rate for kWh savings, 77% for therms, 89% for TSB

Key Challenges

Building Performance Training

- Challenging to reach small and independent contractors
- Contractors are facing inflation, inconsistent product availability, and changing incentive landscapes
- Bill impacts post-fuel substitution still unclear; challenging to disaggregate general bill increases

Energy Code Connect

- While all jurisdictions were engaged, only 36% participated in program activities
- 158 Code Coach inquiries highlight ongoing code compliance challenges

Multi-Family Home Energy Savings

- Uneven access to co-funded programs across the region
- Split incentives in renter-occupied properties hinder deeper upgrades
- Access to financing; e.g. housing authorities can leverage tax conversion financing at 15 years, but then they want to do more than EE, complicating scopes and timelines

Commercial Energy Savings

- Aggregators were quick to reserve all incentives by mid-year, but did not complete installations until the end of the year
- Limited aggregator participation constrained delivery capacity
- Small businesses exploring HPWH adoption, led by one aggregator, but unclear if the market is ready

Single Family Home Energy Savings

- HTR criteria excludes Ventura County, limiting equity eligibility
- Incentives fully subscribed by mid-year
- Increased HTR participation reduced total project volume (342 vs. 516 in 2024)
- NMEC program complexity remains a barrier for smaller contractors

Agriculture Energy Solutions & Energy Assurance Services

- Newer programs are still building stakeholder networks and brand recognition

2025 Portfolio Key Highlights

Quantitative

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	n/a	n/a	n/a	n/a
Market Support	n/a	$2,095,977	n/a	n/a
Equity	$2,697,896	$8,904,933	0.55	2.94
EM&V	n/a	$25,274		
Total (w/o C&S)	$2,697,896	$11,026,184	0.55	2.94

Codes & Standards	n/a	$1,068,377	n/a	n/a
Total (w/ C&S)	$2,697,896	$12,094,561	0.55	2.94

Unique Value Metrics

WE&T
Percentage of event attendees considered hard-to-reach (HTR)

*In 2025, **8.28%** of attendees met HTR criteria, using census tract info as a proxy for income*

Cross-cutting: WE&T and C&S
Number of jobs and economic value, inclusive of job creation at counties

*In 2025, **83.58%** of surveyed attendees responded that 3C-REN training improved the economic value of their company*

Codes & Standards
Percentage of event attendees considered hard-to-reach (HTR)

*In 2025, **11.27%** of attendees met HTR criteria, using census tract info as a proxy for income*

Equity Segment
Jurisdictions receiving data metric

*In 2025, **100%** of jurisdictions received data on the performance of 3C-REN's equity programs in their jurisdictions (e.g. number of projects and energy savings)*

2025 and 4-year Portfolio Key Highlights - Quantitative

Budget Composition	
2025 Equity + Market Support Composition (IOUs require <30% for MS&E)	2025 Admin Cap (%)
91%	10%

2025 vs 4-year Portfolio Budget vs Spend (%)	
2025 Budget: $17,355,492 2025 Spend: $12,094,561	2025 70% Spend
4-year Budget: $71,367,489 4-year Spend: $21,867,884	4-year 31% Spend

2025 vs 4-year TSB Goal vs Achieved (%)	
2025 TSB Goal: $7,992,426 2025 TSB Achieved: $2,697,896	2025 34% TSB Achieved
4-year TSB Achieved: $4,141,404	4-year 16% Achieved

NOTE: There was a calculation error when 3C-REN's TSB goal was set. This error only affects the 2024/2025 goal as 2026/2027 goals were updated in the MCAL; all TSB achievements are accurately reported for all years.

2025 vs 2024 Claims

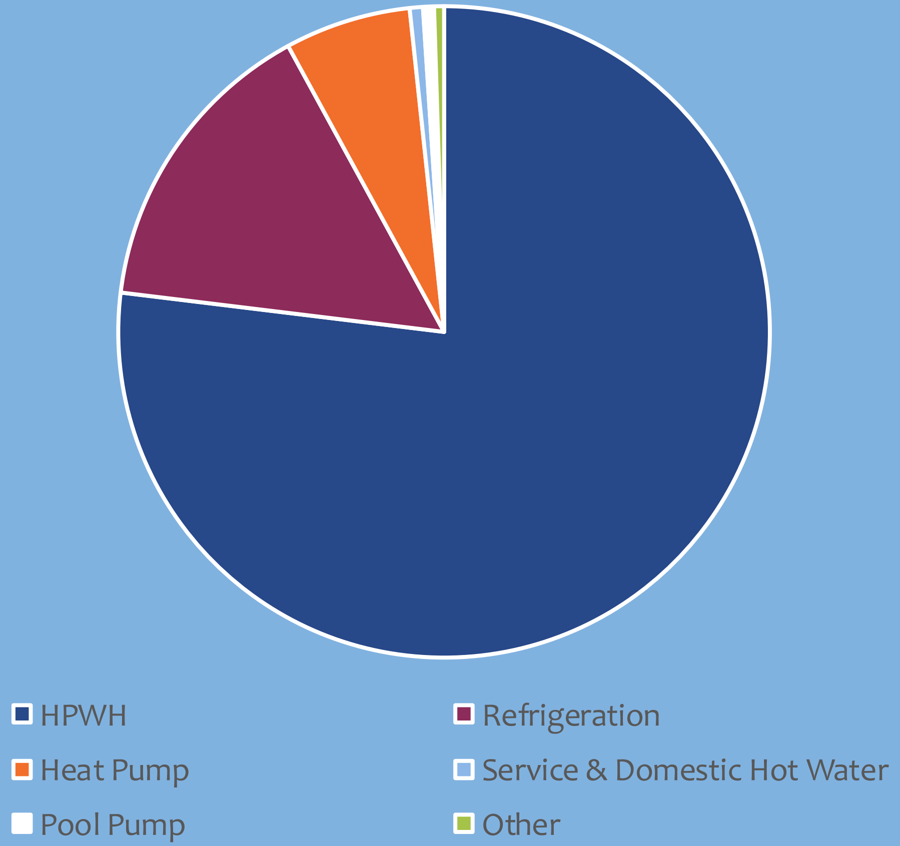
By Sector

2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/ C&S)	n/a	$744,527	n/a	n/a	n/a	$1,953,369	$2,697,896
Lifecycle GHG (net, w/o C&S)	n/a	2,616	n/a	n/a	n/a	7,488	10,104

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/ C&S)	n/a	n/a	n/a	n/a	n/a	$1,443,508	$1,443,508
Lifecycle GHG (net, w/o C&S)	n/a	n/a	n/a	n/a	n/a	5,066	5,066

Portfolio Measures & TSB Deep Dive

Top 5 Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sector
HPWH	2,106,523.10	Residential, Commercial
Refrigeration	414,134.35	Commercial
Heat Pump	171,313.73	Residential
Service & Domestic Hot Water	17,896.96	Residential
Pool Pump	14,867.38	Residential



Contact Names: Alejandra Tellez, Erica Helson

Contact Emails: Alejandra.Tellez@ventura.org, Erica.Helson@ventura.org

MEMBER AND PUBLIC QUESTIONS & INPUT

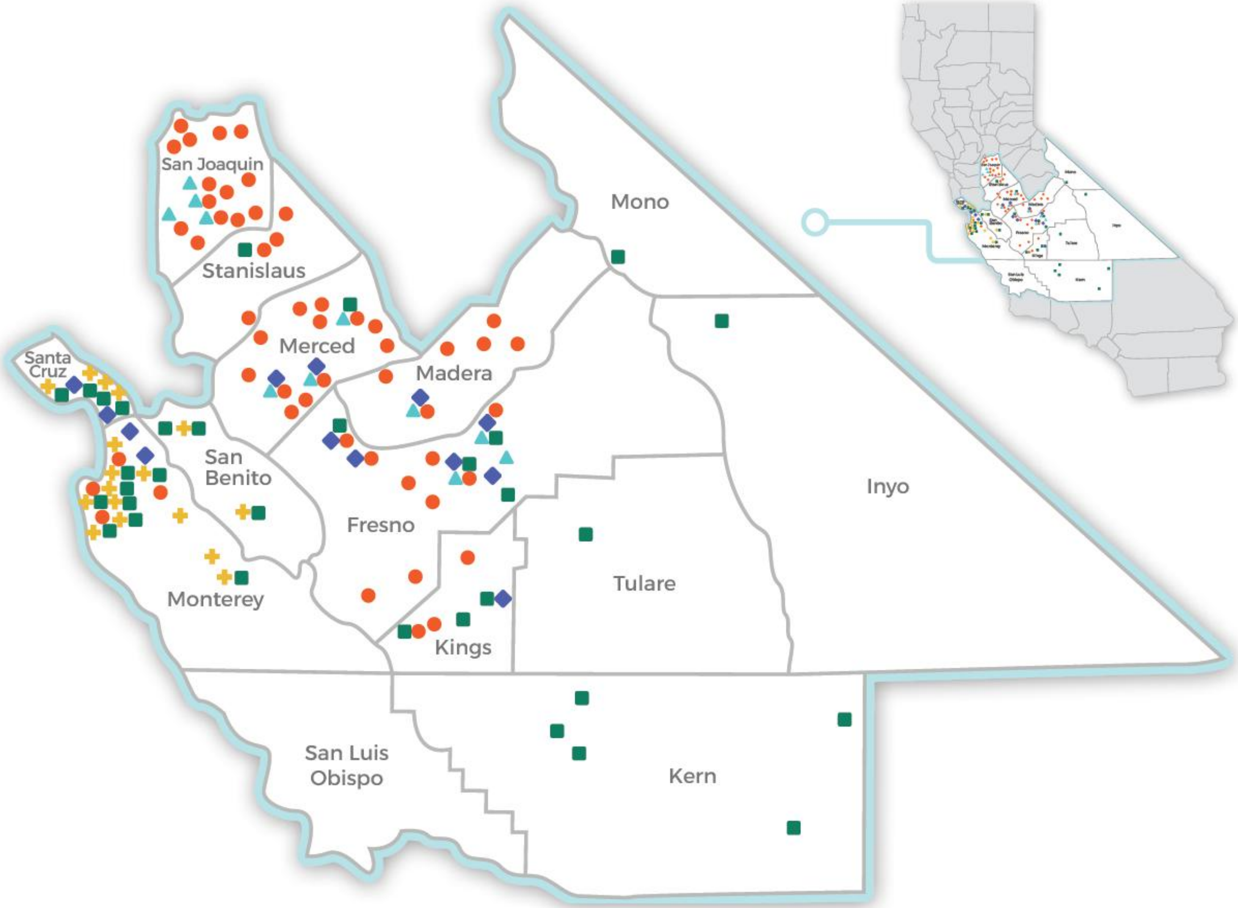
CAEECC Members: *raise your hand*

Public: *Go to Slido.com, enter code* **#2454529**, *and use the* ***3C-REN*** *tag*

Annual Portfolio Performance Report Review
July 30, 2026

CCR REN
CENTRAL CALIFORNIA RURAL
Regional Energy Network

2025 Portfolio Key Highlights Qualitative



2,000 Green House Calls delivered
RESIDENTIAL PROGRAM

37 jurisdictions participated in trainings
CODES & STANDARDS PROGRAM

55 public facilities supported
PUBLIC SECTOR PROGRAM

78 people trained and placed
WORKFORCE EDUCATION & TRAINING PROGRAM

25 projects installed
COMMERCIAL PROGRAM

Communities Our Programs Served in 2025

CCR REN
Central California Rural Regional Energy Network

Unique Value Metrics

Sector	Metric	Outcome	Impact
WE&T	# Trained Youth Energy Specialists / # Youth Externship Placements	36 / 28	Young people with few local opportunities gained paid, credentialed entry into clean-energy careers — without leaving their communities to get it.
Residential	# Residential Households Served / # Community Events	2,000+ / 168	Thousands of rural households that traditional programs overlook now have the knowledge and tools to lower their own energy use and bills.
Public	# Resiliency Center Engagements with Public Agencies	23	Under-resourced rural agencies are better positioned to pursue the outside funding and resiliency projects they couldn't reach alone.
C&S	# Closed Energy Code Coach Cases	10	Rural building departments get code questions answered instead of stalling — keeping compliance moving where technical help is scarcest.
Commercial	# Clean Energy Advisors Hired and Trained	4	Rural regions built lasting local capacity to serve businesses — advisors who live where they work and stay in the field.

Key Challenges

Key Challenges	Deployed Solutions
Small and medium commercial customers are costly to reach and stall on electrification when it raises their bills.	**Commercial Energy Improvement Program:** turnkey upgrades delivered by locally-based Clean Energy Advisors, pairing electrification-readiness with load-reduction so fuel substitution doesn't inflate bills. 2025: 1.50 TRC and $2.97M TSB at $0.66 per TSB→beat the $0.98 goal.
Rural underserved households don't trust or participate in traditional EE programs.	**Residential Equity Program:** in-person and virtual Green House Calls by locally-recruited Youth Energy Specialists, plus the XeroHome survey tool; induction cooktops introduce electrification while improving indoor air quality. 2025: 2,013 households served; 99% met CPUC equity criteria against a 75% target.
Rural regions lack a local clean-energy workforce, and workers can't leave town for weeks of training.	**Climate Careers:** paid earn-and-learn training and placement for at-risk local youth. 2025: 36 Youth Energy Specialists trained, 28 externships, 14 seasonal hires; 3 of 4 Clean Energy Advisors placed permanently.
Public agencies lack the capacity and time to pursue EE upgrades.	**Public Equity Program:** technical assistance and referrals to IOU and state programs. 2025: 69 technical-assistance projects, 55 equity-targeted facilities served, 74 potential resiliency sites identified.
Rural jurisdictions and builders lack support meeting Title 24 and CALGreen.	**Codes & Standards Program:** virtual and in-person training/workshops plus an Energy Code Coach for AHJs and design professionals. 2025: 37 AHJs engaged, 229 participants, 4.65/5 satisfaction.

2025 Portfolio Key Highlights - Quantitative

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	$2,970,603	$1,975,060	1.50	1.52
Market Support	0	0	N/A	N/A
Equity	0	$5,006,414	N/A	N/A
EM&V	0	$35,728		
Total (w/o C&S)	**$2,970,603**	**$7,017,201**	**0.42**	**0.43**
Codes & Standards	**0**	**$699,894**	**N/A**	**N/A**
Total (w/ C&S)	**$2,970,603**	**$7,717,095**	**0.39**	**0.39**

2025 and 4-year Portfolio Key Highlights - Quantitative

Budget Composition	
2025 Equity + Market Support Composition *(IOUs require <30% for MS&E)*	*2025 Admin Cap (%)*
64.87%	**8.1 %**

2025 vs 4-year Portfolio Budget vs. Spend (%)	
2025 Budget: $8,744,422 2025 Spend: $7,717,095	2025 88% Spend
4-year Budget: $36,339,000 4-year Spend: $8,048,884	4-year 22% Spend

2025 vs 4-year TSB Goal vs. Achieved (%)	
2025 TSB Goal: $2,406,400 2025 TSB Achieved: $2,970,603	2025 123% TSB Achieved
4-year TSB achieved $2,970,603	4-year 26% achieved

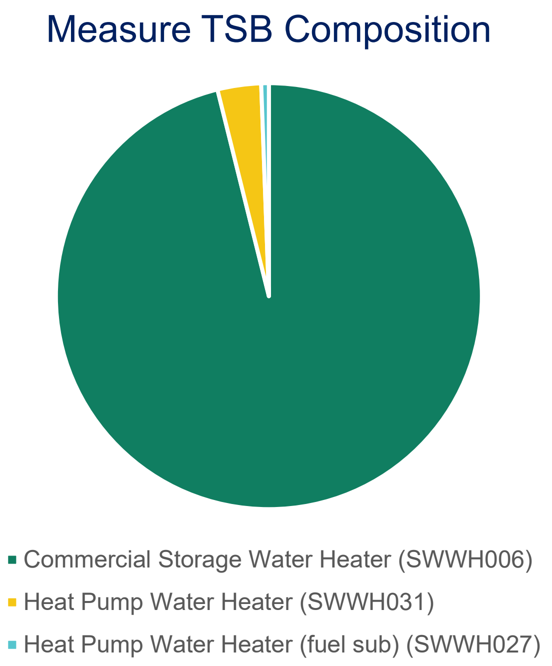
2025 vs 2024 Claims by Sector

2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	N/A	$2,970,603	N/A	N/A	N/A	N/A	$2,970,603
Lifecycle GHG (net, w/o C&S)	N/A	12,035	N/A	N/A	N/A	N/A	12,035

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	N/A	0	N/A	N/A	N/A	N/A	0
Lifecycle GHG (net, w/o C&S)	N/A	0	N/A	N/A	N/A	N/A	0

Portfolio Measures & TSB Deep Dive

Top Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
Commercial Storage Water Heater (SWWH006)	$2,855,212	Commercial
Heat Pump Water Heater (SWWH031)	$98,193	Commercial
Heat Pump Water Heater (fuel sub) (SWWH027)	$17,198	Commercial



CCR REN
Central California Rural Regional Energy Network

Open Discussion/Questions

PA Name: CCR REN
Contact Name: Trevor Keith
Contact Email: tkeith@co.slo.ca.us

CCR REN
CENTRAL CALIFORNIA RURAL
Regional Energy Network

MEMBER AND PUBLIC QUESTIONS & INPUT

CAEECC Members: *raise your hand*

Public: *Go to Slido.com, enter code* **#2454529**, *and use the* ***CCR REN*** *tag*

MEMBER AND PUBLIC REGIONAL Q&A

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#2454529

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Next Session: **Northern CA REN/ CCA Performance Review**

A. BayREN
B. NREN
C. MCE
D. Regional Q&A

Conduct Slido Demo

Participation

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BayREN 2025 Annual Portfolio Performance Report

CAEECC Meeting
July 30, 2026

BAYREN

2025 Portfolio Key Highlights - Qualitative

- Single-family relaunched in June 2025 and completed over 140 home upgrades for income-qualified households
- Welcomed the inaugural cohort of the Decarbonization Showcase, supporting five municipal projects transitioning away from fossil fuels while advancing health and resilience
- Soft launch of BayREN Refrigerant (BRRR)
    - 7 projects completed
    - Estimated 774 net kWh of claimable energy savings
    - Additional 20,831 net kWh of additional unclaimable energy savings
    - Each business saving and average of $1,383 annually on energy bills
- Secured over $12.5M from additional funding sources for energy efficiency projects by leveraging BayREN's resources

2025 Portfolio Key Highlights – Unique Value Metrics

Residential Sector

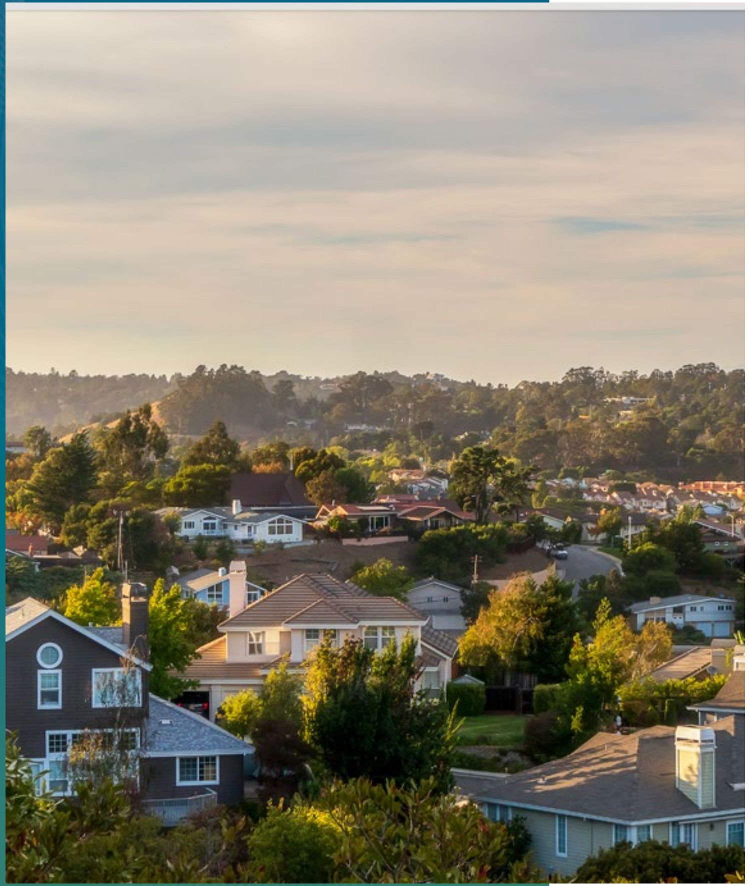
- Participating customers expected 1st year bill savings = $1,082,514
- Number of Realtors and Appraisers receiving “NAR Green Certification” = 73

Codes & Standards

- Jurisdictions supported across the Bay Area =78
- Number of participants in energy code trainings = 867

Public Sector

- Lifecycle net kWh (non-claimed and estimated values) from Energy Roadmaps = 6,175,000
- Lifecycle net therms (non-claimed and estimated values) from Energy Roadmaps = 871,000



Key Challenges

- ❑ Contracting timelines and delays with various entities
  - Anticipating potential issues and safeguarding against them
- ❑ EASE Home: Building stock limitations creating challenges for energy and weatherization upgrades to increase energy savings
  - Solution: leveraging other energy solutions like electrification
- ❑ HTR business customers cannot afford the upfront cost of energy efficiency upgrades, even when those upgrades would reduce their operating costs over time
  - Provide short-term financing to cover the copayment delta
- ❑ Other Federal and State EE programs ending, creating a surge of projects
  - Potential for adding additional incentive funds to allow for more projects to happen in a short time frame

2025 Portfolio Key Highlights - Quantitative

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	$7,533	$3,972,338	0.00	0.00
Market Support	$0	$5,736,106	0.00	0.00
Equity	$4,543,096	$19,489,724	0.26	0.35
EM&V	$0	$387,880		
Total (w/o C&S)	**$4,550,629**	**$29,586,050**	**0.20**	**0.24**
Codes & Standards	$0	$1,933,466	0.00	0.00
Total (w/ C&S)	**$4,550,629**	**$31,519,516**	**0.19**	**0.23**

2025 and 4-year Portfolio Key Highlights - Quantitative

Budget Composition	
2025 Equity + Market Support Composition (IOUs require <30% for MS&E)	*2025 Admin Cap (%)*
80%	9%

2025 vs 4-year Portfolio Budget vs. Spend (%)	
2025 Budget: $40.3M 2025 Spend: $31.5M	2025: 78% Spend
4-year Budget: $160.2M 4-year Spend: $57.8M	4-year: 36% Spend

2025 vs 4-year TSB Goal vs. Achieved (%)	
2025 TSB Goal: $5.7M 2025 TSB Achieved: $4.5M	2025: 79% TSB Achieved
4-year TSB Achieved: $9.4M	4-year: 32% Achieved

2025 vs 2024 Claims by Sector

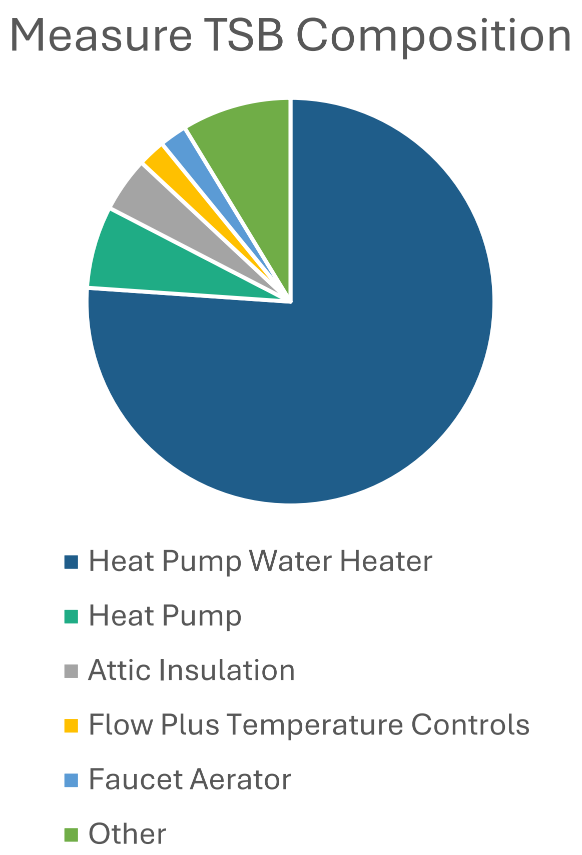
2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)*	$0	$8,157	$0.1M	$0	$0	$4.4M	$4.5M
Lifecycle GHG (net, w/o C&S)*	0	37	435	0	0	16,363	16,835

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)*	$0	$1.5M	$0.1M	$0	$0	$3.3M	$4.9M
Lifecycle GHG (net, w/o C&S)*	0	7,418	454	0	0	13,348	21,220

* For 2024 and 2025 figures - net, w/o C&S, and w/ C&S are the same.

Portfolio Measures and TSB

Top 5 Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
Heat Pump Water Heater	$3.5M	Residential
Heat Pump	$0.3M	Residential
Attic Insulation	$0.2M	Residential
Flow Plus Temperature Controls	$0.1M	Residential
Faucet Aerator	$0.1M	Cross-Cutting, Residential



Discussion / Questions

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MEMBER AND PUBLIC QUESTIONS & INPUT

CAEECC Members: *raise your hand*

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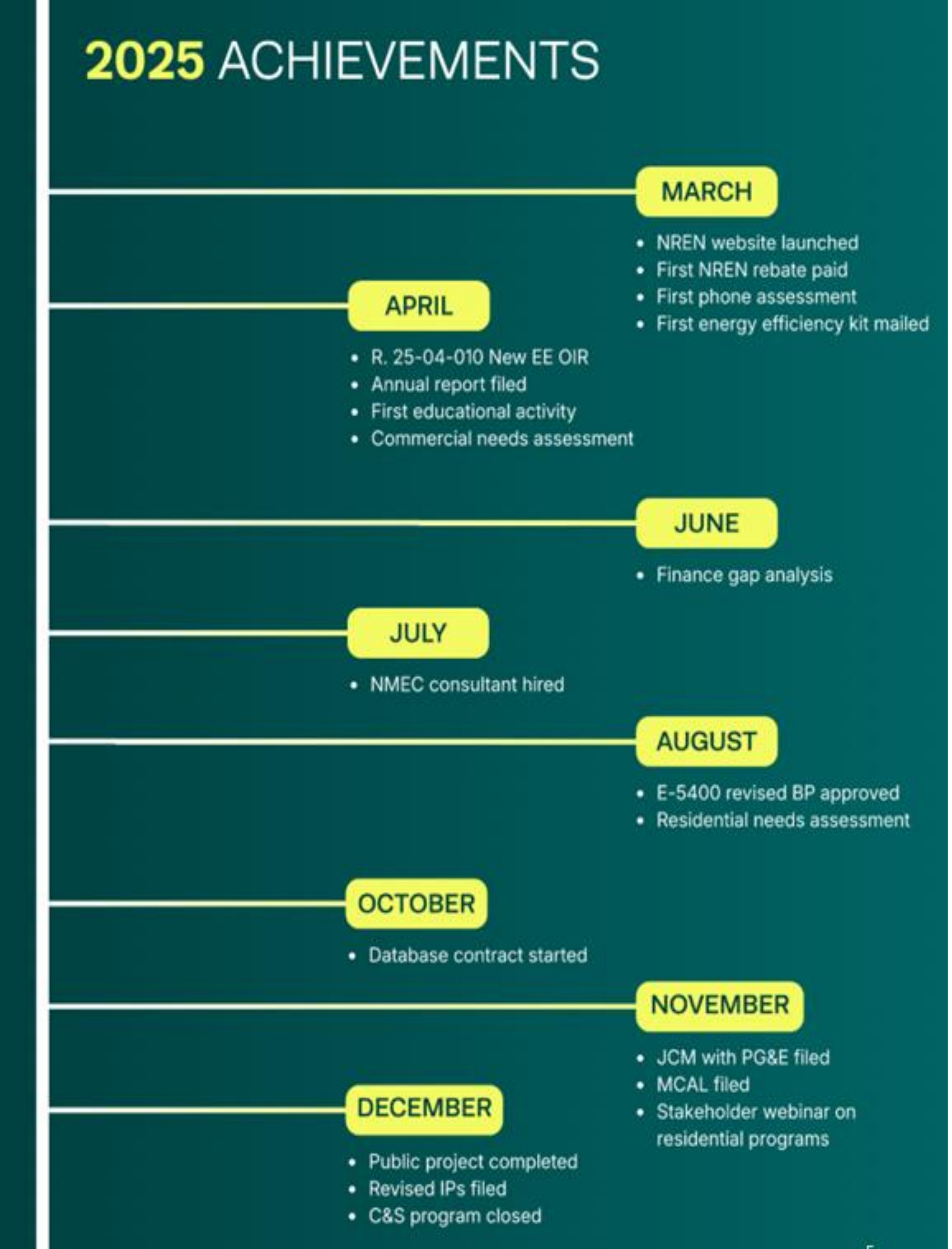
2025 Annual Portfolio Performance Report

Northern Rural
Energy Network



2025 Portfolio Key Highlights - Qualitative

March 2025
- Launched Residential Equity program
- Residential Rebate program – first rebate paid!

April 2025
- Commercial Program – launched needs assessment

June 2025
- Finance gap analysis started

August 2025
- E-5400 approved NREN's revised Business Plan

November 2025
- JCM with PG&E filed with ESA coordination plan

December 2025
- Residential needs assessment launched
- C&S program closed and re-segmentation of WE&T

2025 Unique Value Metrics

2025 UVM: Number of homes within a geographic HTR area that engage with NREN's Residential programs (including but not limited to homes that engage with NREN's program offerings such as energy efficiency kits, rebates, technical support resources, etc)

	Phone Assessments	Energy Efficiency Kits	Rebates	Total
	81	613	182	876
% of Total Located in Geographic HTR	94%	98%	96%	98%

2026 UVM: Number of customers served by any NREN program that are within a zip code that has not received any EE services in that sector in the past five years.

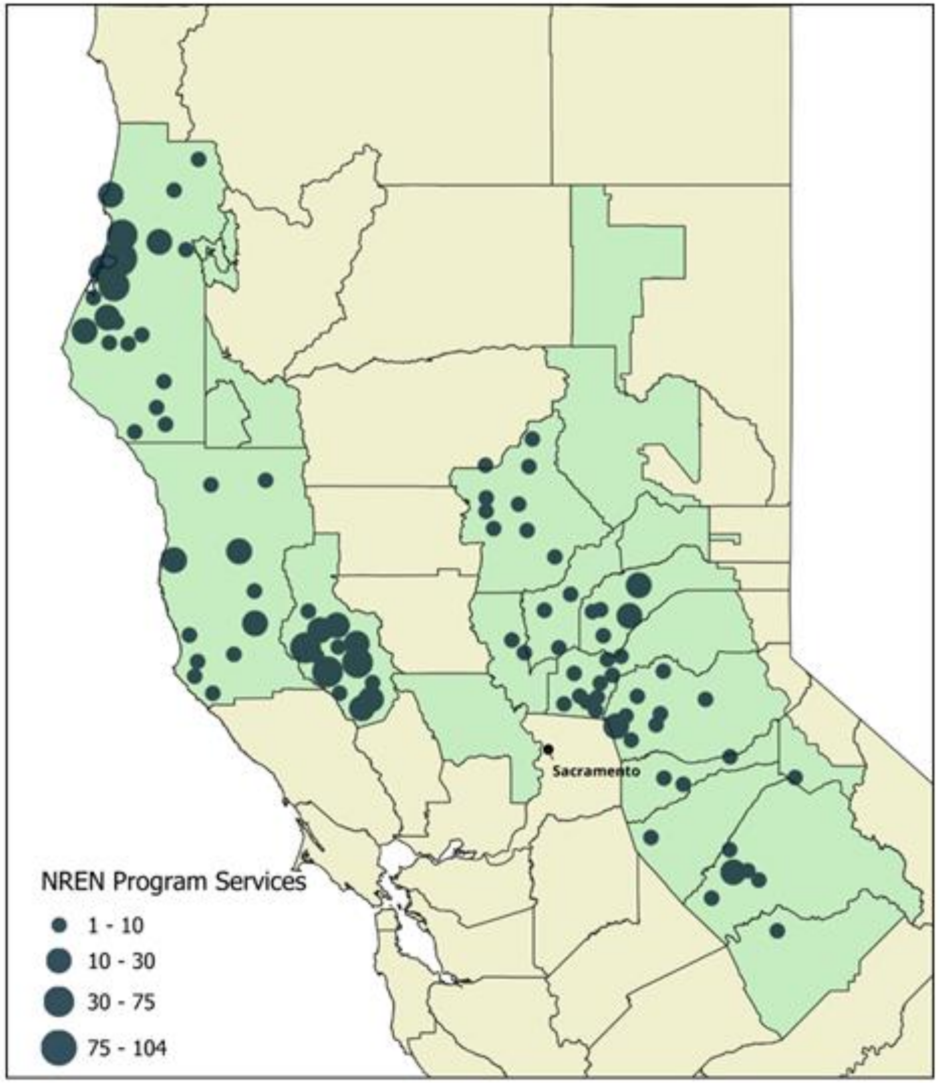
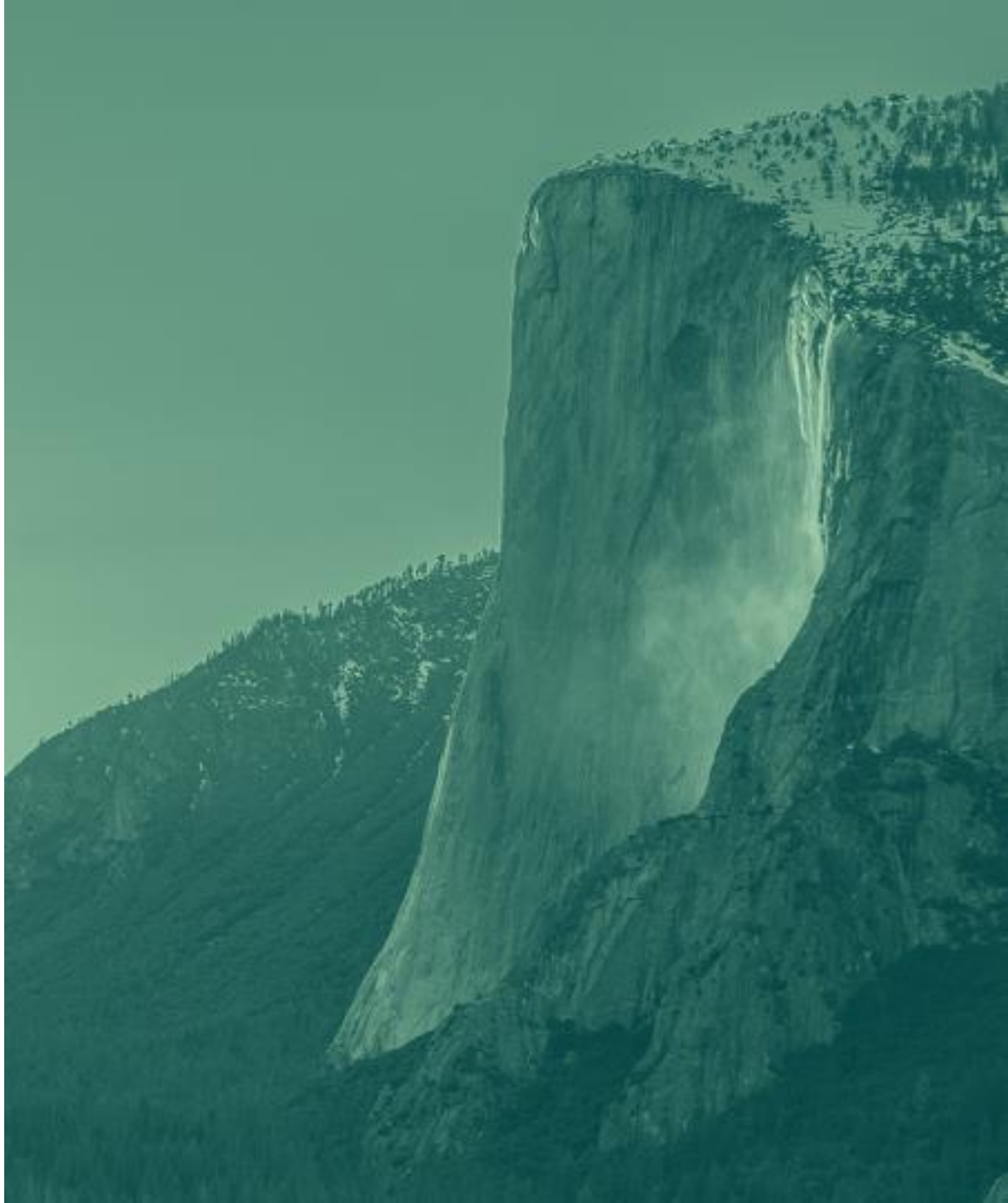


Figure 02: *Distribution map of NREN program services delivered in 2025.*

2025 Key Challenges

- Uncertainty while waiting for BP approval
- Propane fuel switching not supported
- Procurement challenges
- Challenges with needs assessments
- RA programs and NMEC requirements
- Building capacity
- Building awareness of NREN



2025 Portfolio Key Highlights - Quantitative

	2025 Total System Benefit ($)	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	$121,152	$2,551,185	0.07	0.07
Market Support	-	$131,546	-	-
Equity	-	$2,12,946	-	-
EM&V	-	-	-	-
Total (w/o C&S)	$121,152	$5,395,678	0.03	0.04
Codes & Standards	-	$88,820	-	-
Total (w/C&S)	$121,152	$5,484,498	0.03	0.04

2025 and 4-year Portfolio Key Highlights - Quantitative

Budget Composition	
2025 Equity + Market Support Composition	***2025 Admin Cap (%)***
51.8%	17%

2025 vs 4-year Portfolio Budget vs. Spend (%)	
2025 Budget: $9,882,900 **2025 Spend:** $5,484,498	**2025:** 55.5% Spend
4-year Budget: $33,139,076 **4-year Spend:** $5,836,341	**4-year:** 17.6% Spend

2025 vs 4-year TSB Goal vs. Achieved (%)	
2025 TSB Goal: $763,517 **2025 TSB Achieved:** $121,152	**2025:** 15.8% TSB Achieved
4-year TSB achieved: $121,152	**4-year** 2.9% achieved

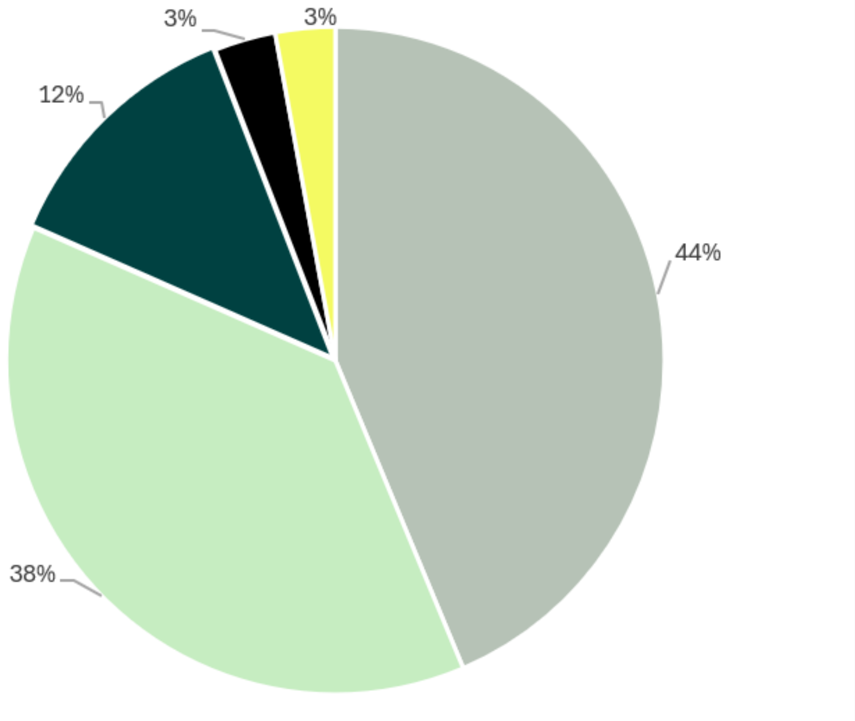
2025 vs 2024 Claims by Sector

2025	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	-	-	-	-	-	$121,152	$121,152
Lifecycle GHG (net, w/o C&S)	-	-	-	-	-	459.49	459.49

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Public	Residential	Total
TSB (net, w/o C&S, w/C&S)	-	-	-	-	-	-	-
Lifecycle GHG (net, w/o C&S)	-	-	-	-	-	-	-

Portfolio Measures and TSB Deep Dive

Top 5 Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
Ductless HVAC, Res, FS	$49,631.23	Residential
HP Water Heater, Res, FS	$43,056.36	Residential
HP HVAC, Res, FS	$14,236.25	Residential
Cooking Appl, Res, FS	$3,434.61	Residential
HP Water Heater, Res	$3,338.92	Residential



Questions?

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MEMBER AND PUBLIC QUESTIONS & INPUT

CAEECC Members: *raise your hand*

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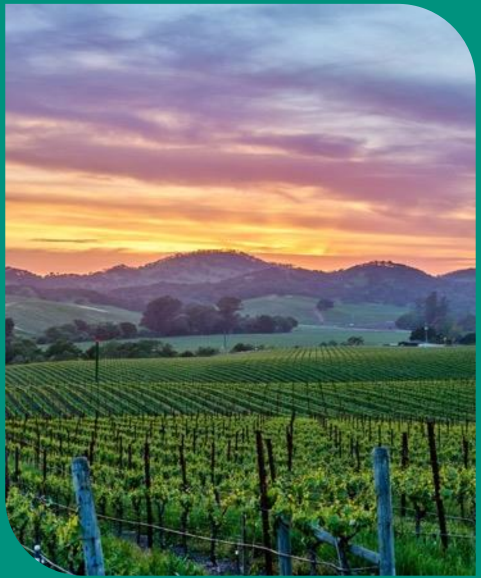
MCE 2025 Annual Portfolio Performance Report Review

California Energy Efficiency Coordinating Committee July 30, 2026



2025 Portfolio Key Highlights-Qualitative

Residential Flex Market (since June 2025)

- ❑ Recruited 27 heat pump water heater contractors
- ❑ 21 projects throughout MCE's four-county service area

Green Workforce Pathways

- ❑ Supported 14 electrification contractors and 64 job seekers with cash for trainings and job onboarding support

Multifamily Energy Savings (MFES)

- ❑ Submitted program plan for new multifamily program (MFES-R) for market rate customers
- ❑ Upgraded 424 low-income housing units across 12 properties with EE and electrification options
- ❑ Coordinated with industry partners to make emerging technologies accessible, e.g. MCE/AEA/CalMTA partnership

Home Energy Savings

- ❑ Upgraded 351 low- to moderate-income single-family homes with EE
- ❑ Installed 142 electrification measures in 96 homes using stackable funds from MCE and the California Strategic Growth Council's Transformative Climate Communities Richmond Rising project

Small Business Energy Advantage

- ❑ Completed projects at 165 small businesses; 137 low-income census tracts, 54 DACs, 133 Hard-to-Reach

Key Challenges

- Metered savings in MCE's Normalized Measured Energy Consumption (NMEC)-calculated program were significantly lower than initial forecasts.
- Long project lead times continue to be a budget challenge for multifamily sector projects spanning multiple program years.
- The multifamily SEM program will end due to difficulty achieving energy savings by applying SEM methods in the multifamily sector through a program where cost-effectiveness measurement is required.
- Electrification standards and goals throughout MCE's service area and within CA vary; balancing electrification and EE offerings across customer segments and sectors is complex.

2025 Portfolio Key Highlights-Quantitative

Portfolio Segment	2025 Total System Benefit	2025 Total Expenditures ($)	Segment Cost Effectiveness (TRC)	Segment Cost Effectiveness (PAC)
Resource Acquisition	$755,093	$3,399,924	0.17	0.22
Market Support	$0	$937,167	0.00	0.00
Equity	$1,246,949	$5,288,023	0.28	0.29
EM&V	$0	$228,666	0.00	0.00
Total	**$2,002,042**	**$9,853,780**	**0.21**	**0.23**

2025 and 4-year Portfolio Key Highlights-Quantitative

Budget Composition	
2025 Equity + Market Support Composition (IOUs require <30% for MS&E)	2025 Admin Cap (%)
29%	4.5%

2025 vs. 4-year Portfolio Budget vs. Spend (%)	
2025 Budget: $19,193,096 2025 Spend: $9,853,780	2025 % Spend: 51%
4-year Budget: $70,396,693 4-year Spend: $20,625,403	4-year % Spend: 29%

2025 vs. 4-year TSB Goal vs. Achieved (%)	
2025 TSB Goal: $23,756,413 2025 TSB Achieved: $2,002,042	2025 % TSB Achieved: 8%
4-year TSB Authorized: $92,772,618	4-year % Achieved: 6%

2025 v 2024 Claims by Sector

2025	Agricultural	Commercial	Cross-Cutting	Industrial	Residential	Total
TSB (net, w/o C&S, W/C&S)	0	$472,896	0	$146,667	$1,382,477	$2,002,040
Lifecycle GHG (net, W/o C&S)	0	2,004	0	497	4,980	7,481

2024	Agricultural	Commercial	Cross-Cutting	Industrial	Residential	Total
TSB (net, w/o C&S, W/C&S)	0	$2,042,607	0	$252,333	$987,297	$3,282,237
Lifecycle GHG (net, W/o C&S)	0	9,883	0	909	3,755	14,547

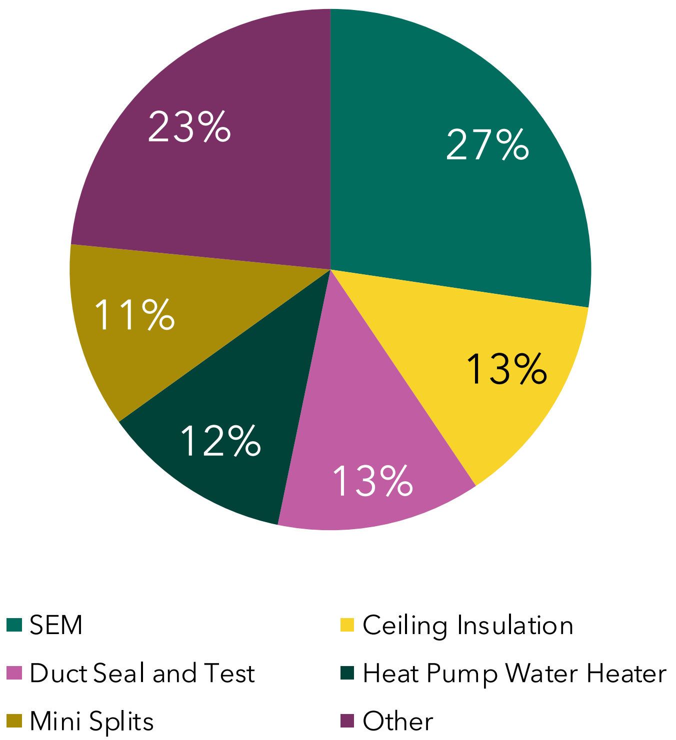
2025 vs 2024 Claims by Sector

2025	Agricultural	Commercial	Cross Cuitting	Industrial	Public	Residential	Total
TSB (net, wo C&S, w/ C&S)	$0	$472,896	$0	$146,668	N/A	$1,382,478	$2,002,042
Lifecycle GHG (net, w/o C&S)	0	2,054	0	537	N/A	5,554	8,145

2024	Agricultural	Commercial	Cross Cuitting	Industrial	Public	Residential	Total
TSB (net, with C&S, w/o C&S)	$0	$2,042,607	$0	$253,333	N/A	$987,297	$3,292,237
Lifecycle GHG (Net, w/o C&S)	0	10,005	0	979	N/A	4,106	15,090

Portfolio Measures and TSB Deep Dive

Top 5 Measures in Portfolio	Cumulative Portfolio TSB Attained from Measure ($)	Applicable Sectors
SEM	$547,112	Com, Ind
Ceiling Insulation	$265,293	Res
Duct Seal and Test	$253,562	Res
Heat Pump Water Heater	$236,787	Res
Mini Splits	$229,861	Res
Other	$469,427	Com, Res



MCE

Jennifer Green

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MEMBER AND PUBLIC QUESTIONS & INPUT

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MEMBER AND PUBLIC REGIONAL Q&A

CAEECC Members: *raise your hand*

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Welcome
10:00 - 10:05 AM

Background & Performance Overview 01
10:05 - 10:20 AM

IOU Performance Review 02
10:40 - 11:30 AM (followed by a Break)

Southern CA REN Performance Review 03
11:40 - 12:35 PM (followed by Lunch)

Central CA REN Performance Review 04
1:15 - 1:55 PM

Northern CA REN + CCA Performance Review 05
1:55 - 2:50 PM (followed by a Break)

Key Challenges Discussion 06
3:00 - 3:55 PM

Wrap Up
3:55 - 4:00 PM

Break until 3:00