



VALLEY
CLEAN ENERGY

VCE 2026-2029 Strategic Plan Workshop 1

Capay Health & Community Center - Esparto

May 22, 2025



2026-29 Strategic Plan Workshop: Welcome

welcome

- **Valley Clean Energy** is a public energy agency based in **Yolo County** that is focused on achieving **better energy outcomes for the customers and communities** we serve.
- VCE's Strategic Plan **guides** the organization's **long-term planning and actions** to work toward those goals.
- This **Strategic Plan Update** will help VCE:
 - Identify Changes that we need to consider over the next few years: economics, policy, technology, etc.
 - Review key organizational elements: Mission, Vision, and Goals
 - Incorporate long-term adjustments to help meet strategic and customer requirements

2026-29 Strategic Plan Workshop: Welcome

Agenda for Workshop 1

- Community Choice Aggregation (CCA) & Clean Energy (VCE) Basics
- VCE Strategic Plan Background
- Workshop Focus Areas
 - Plan Goal 1 - Financial Strength
 - Plan Goal 2 – Procurement and Power Supply
- Discussion/Feedback
- Next Steps/Timeline



Photo: YvonneHunterPhotography.com

VCE Strategic Plan Update

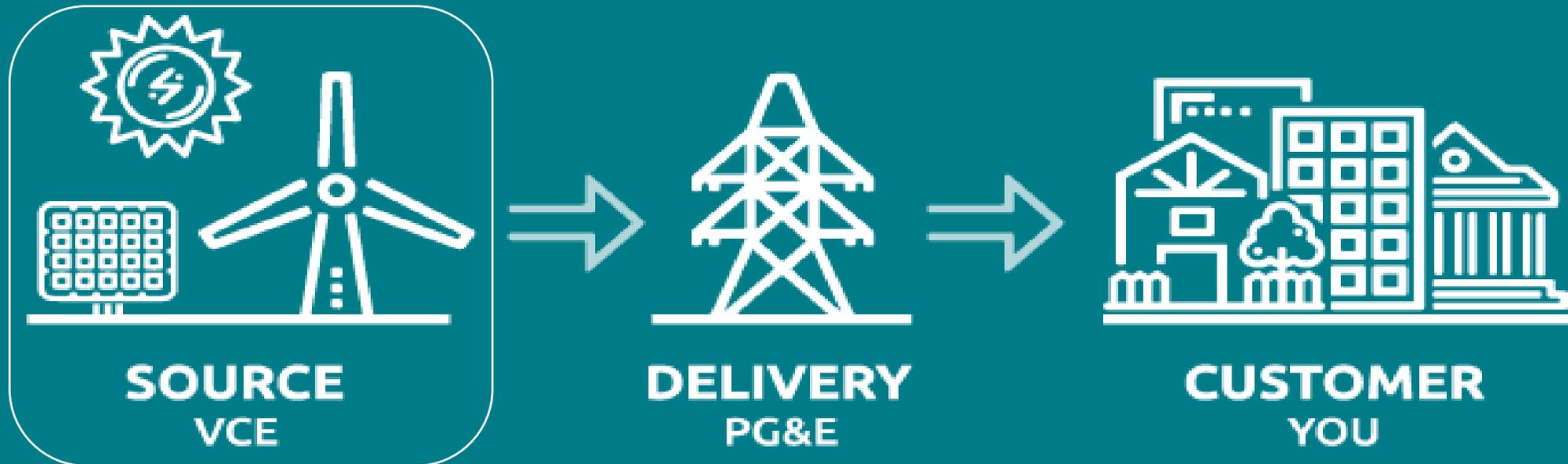
Community Choice Aggregation (CCA) & Valley Clean Energy (VCE) Basics



Community Choice Aggregation Basics

AB 117 (2002) allows cities and counties to form public Community Choice Aggregation (CCA) agencies. CCAs partner with Investor-Owned Utilities (e.g. PG&E) to bring electricity to customers in the CCA's service territory.

The CCA procures the electricity and the IOU delivers it, maintains the hardware, provides repair services, and sends the customer a bill.



CCA Overview

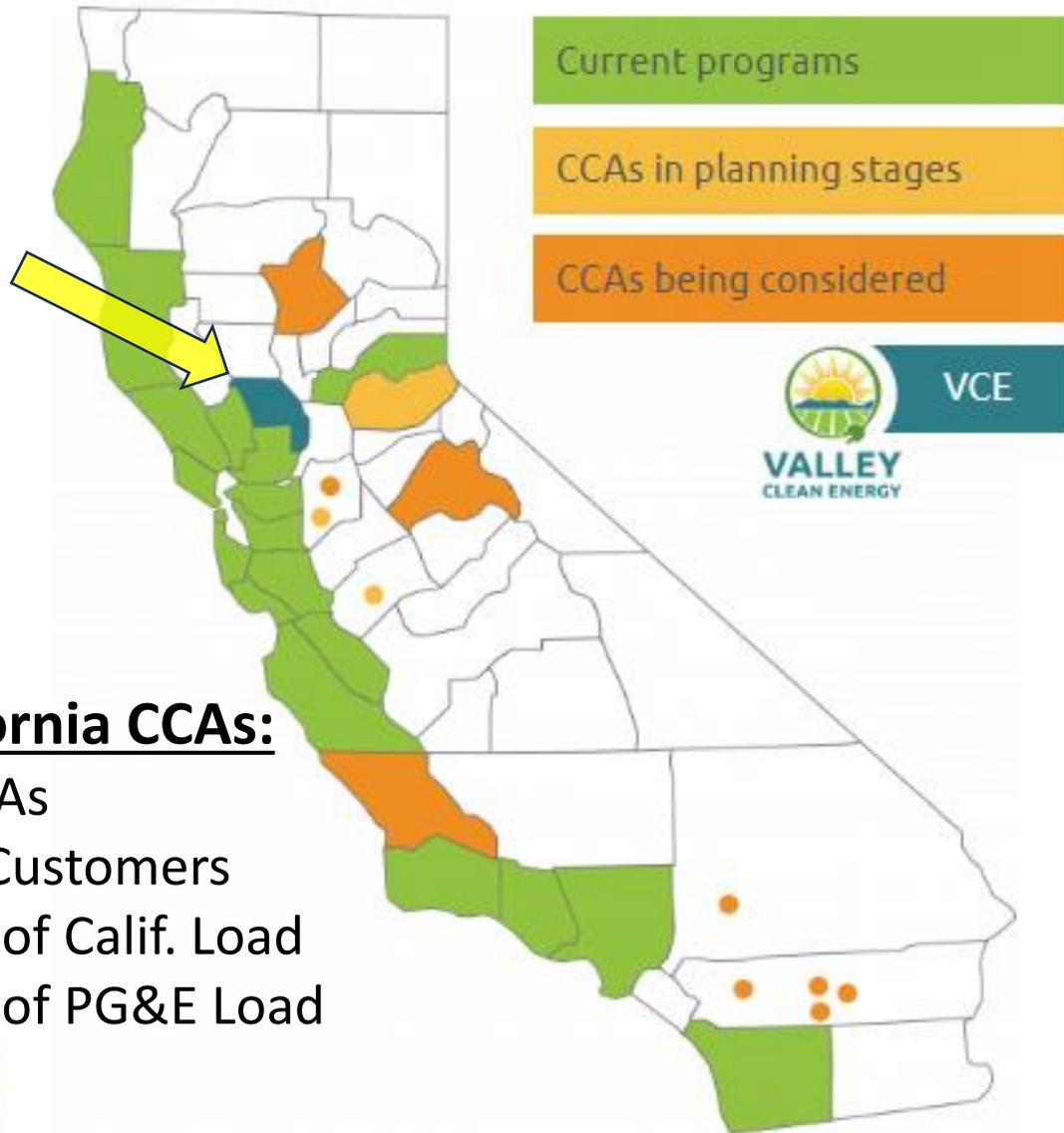
VCE is a Community Choice Aggregation program (CCA) serving Yolo County Electricity Customers since June 2018.



- Created by, and for, local communities
- **Not-for-profit** joint powers authority
- Locally controlled
- Provides **competition** that benefits customers
- More renewables, **Lower cost** (5% or 10% in 2025)

Valley Clean Energy's mission is to provide clean electricity, product choice, and greenhouse gas emission reductions—all with local control at competitive prices.

California CCAs & VCE Overview



California CCAs:

25 CCAs
14M Customers
~35% of Calif. Load
50%+ of PG&E Load



VCE Overview

**61,000 Customer Accounts / 125K Customers /
700 GWh annual load / 225MW Peak**

- 2021 median household income: \$78k; CA \$84k (2021)
- Poverty rate: 14.8%; 25% Customers Low Income Qualified (CARE/FERA)
- 90% Participation Rate
- 15% Agricultural (load)
- 20% NEM (solar)
- 90% Customer Participation
- Yolo, Woodland, Davis each have roughly 1/3rd of load, Winters 5%
- **Impact 2018-2025: \$7M Community Reinvestment + \$8.25M Customer savings + 243MW of new renewable energy**

Governance

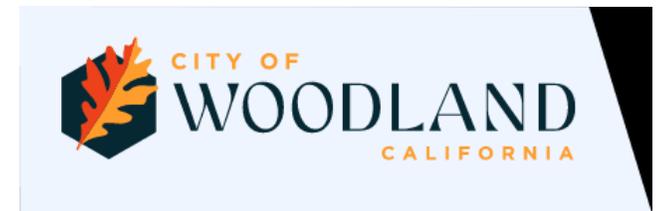
Board Members

Jurisdiction	Member(s)	Alternate
County of Yolo	Sheila Allen; Lucas Frerichs	Angel Barajas
City of Davis	Bapu Vaitla (Chair) ; Donna Neville	Linda Deos
City of Winters	Jesse Loren (Vice Chair) ; Richard Casavecchia	Albert Vallecillo
City of Woodland	Tania Garcia-Cadena; Tom Stallard	Mayra Vega

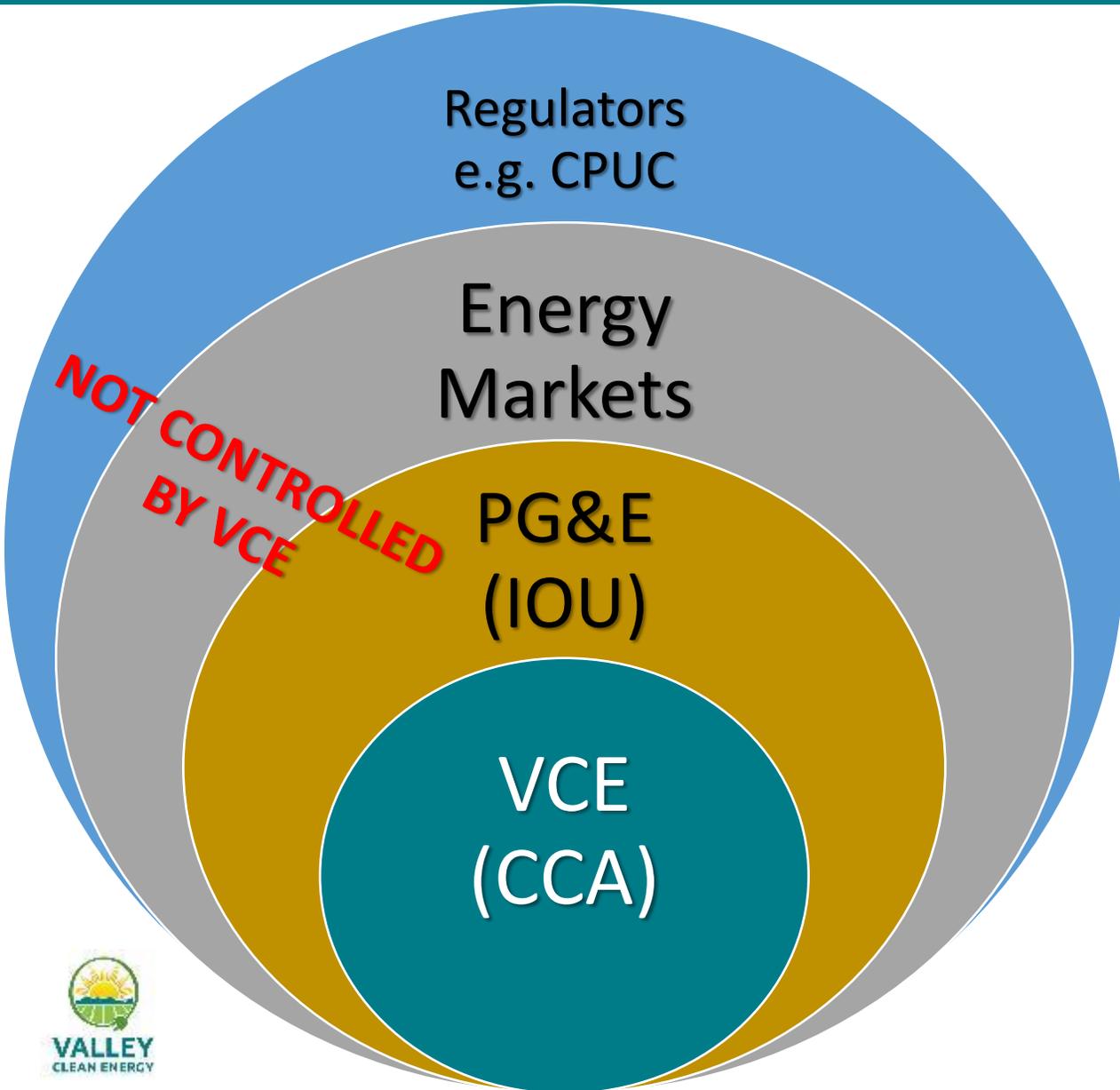


Community Advisory Committee (CAC)

Jurisdiction	Member(s)
County of Yolo	Cynthia Rodriguez
City of Davis	Rahul Athalye (Chair) ; Ari Halberstadt
City of Winters	Jennifer Rindahl; David Springer
City of Woodland	Mark Aulman; Diccon Westworth
At-Large Member	Danielle Ballard; Lorenzo Kristov; Keith Taylor (Vice Chair)



What CCAs Do and Don't Do



Regulating IOUs, Regulating CCAs, Overseeing Compliance with state energy policies and mandates (e.g., RPS, RA, IRP).

CAISO - Wholesale electricity market / Grid operation
IOUs (e.g. PG&E) - Transmission and Distribution
Independent Power Producers - Sell electricity to CAISO, IOUs, CCAs.
Energy & Commodity Brokers/Traders – Trade electricity & futures

Transmission & Distribution of electricity (poles, wires, substations). (60% Utility Bill)
Metering, billing, and customer service—even for CCA customers.
Maintaining grid reliability and safety.
Power Cost Indifference Adjustment (PCIA) (~0-20% of VCE Generation Bill)

Purchasing or generating electricity
Setting electricity generation rates
Meeting/exceeding state-mandated energy goals
Long-term power procurement planning.
Customer outreach and programs

VCE Strategic Plan Update

Original VCE Strategic Plan Background

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VCE Strategic Plan Update – How we got here

- VCE's initial Strategic Plan covered a fixed period from 2021 to 2023
- First Update: 2023 through end of 2025
- Strategic Plan Guidelines VCE developed a “Rolling Approach”
 - Minor Updates – Plan internal review/update every two years
 - Major Updates – More Comprehensive review every four years

Current Status (In Progress):

- Formed CAC Strategic Plan Task Group
- Initial internal review and CAC feedback
- Initial Customer Survey
- Scheduled Public and Board Workshops

VCE 2026-29 Strategic Plan Workshop: Background

Key Goals/Objectives (Current):

- Rate and Fiscal Stability
- 100% Renewable by 2030
- Develop roadmaps for decarbonization, resilience and reliability in the VCE service territory; expand local community expertise/input in energy sector decision making
- More focused engagement with historically/emerging disadvantaged communities and local business and agricultural customers
- Achieve investment-grade credit rating
- Maintain Autonomy / Local Control



VCE Strategic Plan Update

Workshop Focus Areas: Proposed General Updates

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VCE 2026-29 Strategic Plan Workshop: Proposed General Updates

Near-term vision: access to affordable, clean energy with reliability and excellent customer service

Proposed General Updates:

- **Balance Affordability/Sustainability**
- **Mission Refined for Impact**
- **From Startup to Strong Operations**
- **Sustaining Progress**



VCE staff conducting outreach at a community event: yvonnehunterphoto.com

VCE Strategic Plan Update

Workshop Focus Areas: Plan Goal 1: Financial Strength

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VCE 2026-29 Strategic Plan Workshop: Goal 1 Financial Strength

Valley Clean Energy (VCE) is delivering on its goals of clean, affordable, and locally controlled electricity. Here's how VCE's recent financial performance benefits customers:

- Competitive Rates while Building Financial Reserves
- Allocations toward Customer Discounts and Community Programs
- Local Economic Development
- Transparent Financial Audits and Budget Planning.
- Use of Public Financing Tools for Additional Savings Starting in July 2025 – ~\$3M Annual Prepay discount

VCE 2026-29 Strategic Plan Workshop: Goal 1 Financial Strength

A strong financial foundation means better service, more stability, and greater value for our customers.

Here's what VCE is doing to protect and grow your energy future:

- Smart Financial Management
- Credit Strength
- Investing in Our Communities

Because when VCE is financially strong, you benefit from lower costs, better service, and a more resilient energy future.

VCE 2026-29 Strategic Plan Workshop: Goal 1 Financial Strength

Draft Goal 1 Financial Strength (Proposed)

Goal 1: Maintain and grow a strong financial foundation and manage costs to achieve long-term organizational health.

1.1 Objective: Develop a model to maintain reserve policies to fund VCE's mission, vision, and goals.

1.2 Objective: Maintain investment-grade credit rating.

1.3 Objective: Commit to fiscal efficiencies to build a program foundation from which to deliver customer and community value.

1.4 Objective: Manage customer rates to optimize VCE's financial goals while maintaining rate affordability and competitiveness with PG&E.

1.5 Objective: Develop a long-range financial model for financial health and rate stability.

1.6 Objective: Develop a long-term cash reserve and community investment strategy for reserve management.

VCE Strategic Plan Update

Workshop Focus Areas:
Plan Goal 2:
Procurement and
Power Supply

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Draft Goal 2 Procurement and Power Supply (Proposed)

Goal 2: Manage power supply resources to consistently exceed California's Renewable Portfolio Standard (RPS) while working toward a resource portfolio that is 100% renewable by 2030.

Objective 2.1: Continue to identify and pursue cost-effective local renewable energy and storage resources.

Objective 2.2: Through strategic procurement, acquire sufficient carbon-neutral energy and renewable resources, including storage and other resource adequacy products to achieve VCE's greenhouse gas reduction targets and regulatory requirements.

Objective 2.3: Optimize the hedging strategy to mitigate risk in accordance with the energy risk guidelines and procurement plan.

Long-term Power Contracts

Power Resource Contracts



1. Aquamarine Solar Facility <p>Santa County 50 MW PV Only (Approx. 130,000 MWh) Online Now</p>	7. Willy 9 Chap 2 <p>Kern County Solar PV + Storage Project 72 MW (PV) / 36 MW BESS* (Approx. 215,000 MWh) Online Now</p>
2. Putah Creek <p>Yuba County Solar PV + Storage Project 50 MW / 34 MW BESS* (Approx. 7,300 MWh) Online Now</p>	8. Gibson <p>Yuba County Solar PV + Storage Project 14 MW (PV) / 14 MW BESS** (Approx. 50,000 MWh) Anticipated Online Q2 2027</p>
3. Indian Valley Hydro <p>Lake County 2.9 MW Small Hydro (Approx. 4,000 MWh) Online Now</p>	9. Tumbleweed Long-Duration Battery Storage (8 hrs) <p>Kern County VCE Share is 2.25 MW Anticipated Online Q2 2026</p>
4. Tierra Buena Battery Storage Facility (4 hrs) <p>Sutter County VCE Share is 2.5 MW Online Now</p>	10. Coal Line Long-Duration Battery Storage (8 hrs) <p>San Diego County VCE Share is 2.25 MW Anticipated Online Q2 2028</p>
5. Aggregated Demand Response <p>Stanislaus Resources VCE Share is 7 MW Online Now</p>	11. Fish Lake Geothermal <p>Fresno County, NV VCE Share is 0.42 MW (Approx. 3,600 MWh) Anticipated Online Spring 2027</p>
6. Resurgence Solar 1 <p>San Bernardino County Solar PV + Storage Project 90 MW (PV) / 25 MW BESS* (Approx. 210,000 MWh) Online Now</p>	12. Ormat Geothermal Portfolio <p>Geothermal - NV & CA VCE Share is 1.03 MW (Approx. 25,300 MWh) Anticipated Online Q4 2027</p>

Totals Contracted for Since 2018:



236
MW
Renewables



134
MW
BESS*

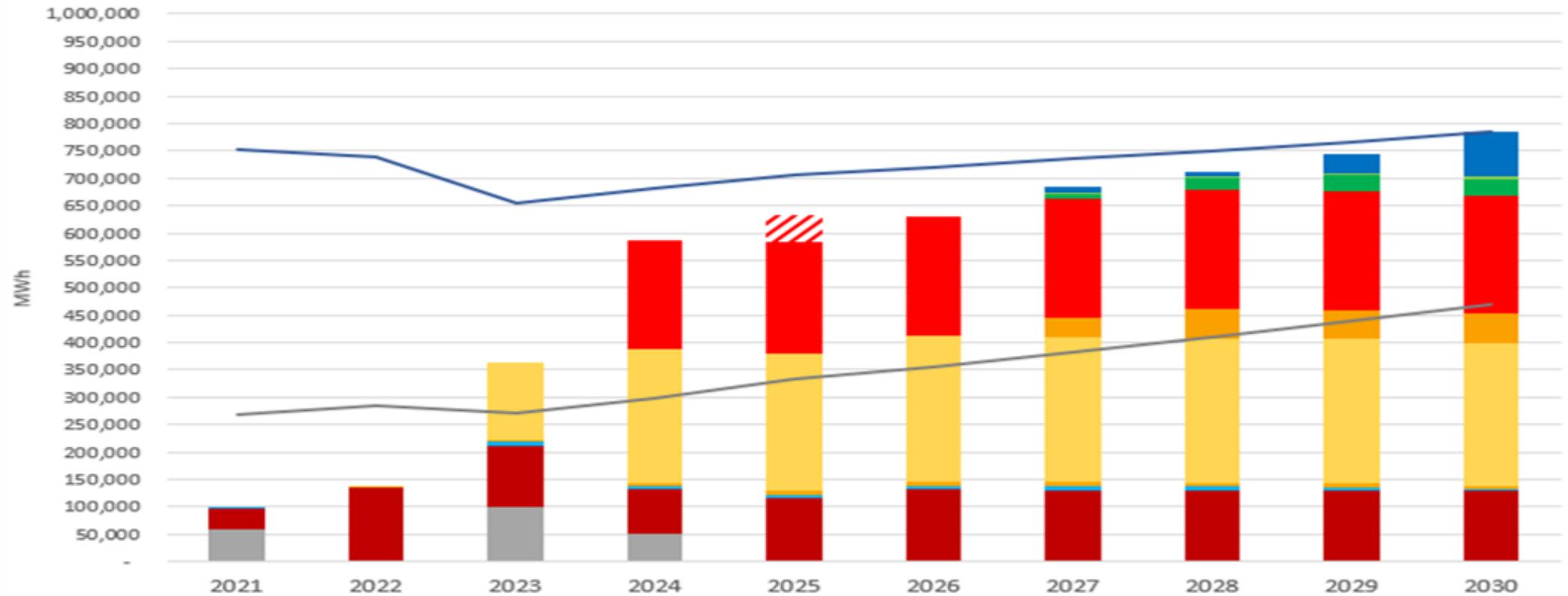


7
MW
Demand
Response

*11 Hours Battery Energy Storage System (BESS)
**5 Hours Battery Energy Storage System (BESS)



Power Supply Overview



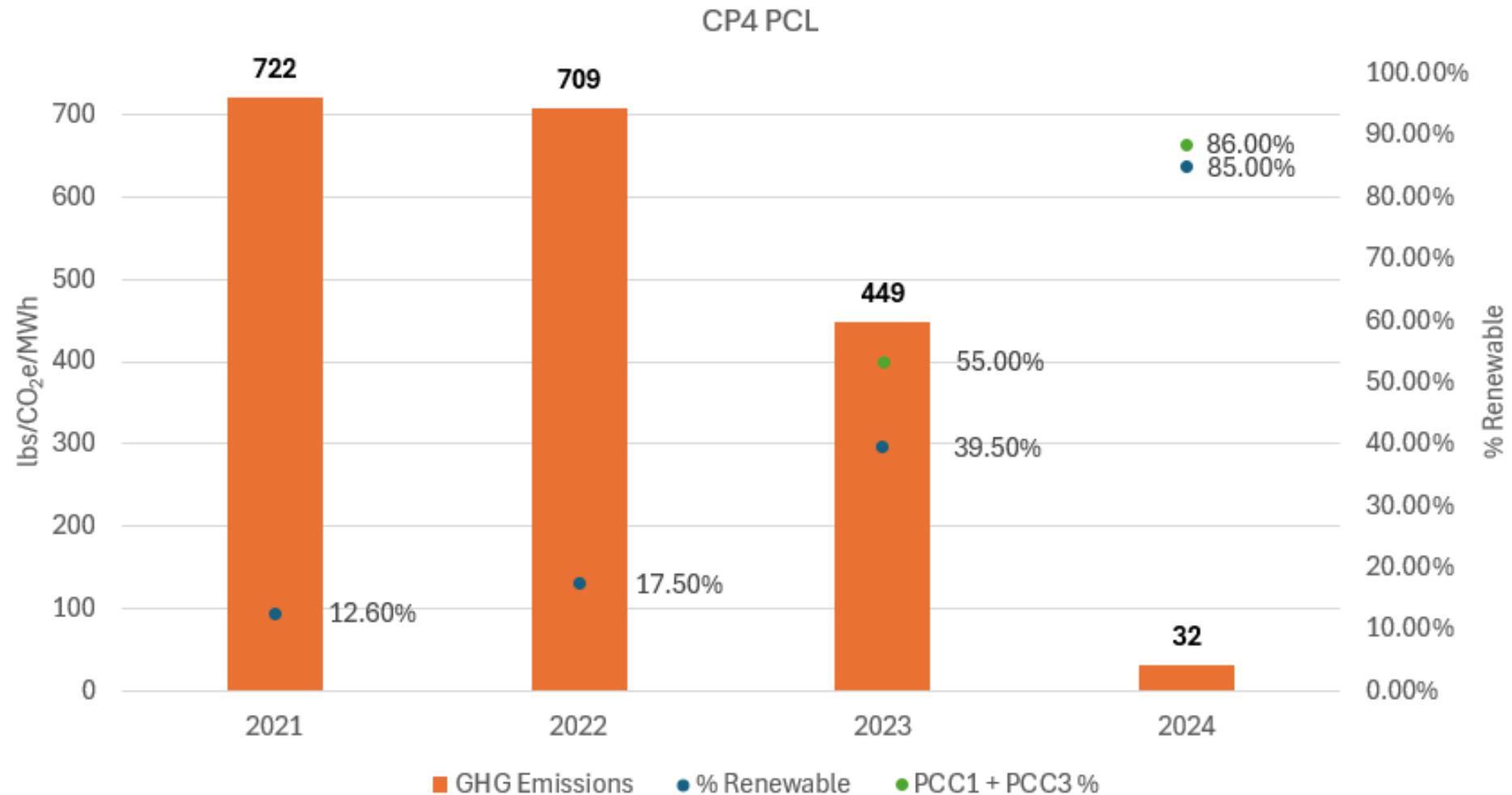
Contracted RE	13%	18%	56%	86%	75%	87%	92%	94%	93%	90%
Anticipated RE							93%	95%	97%	100%

- Short-Term RECs
- Aquamarine Contracted
- Indian Valley Contracted
- Putah Creek Contracted
- Resurgence Contracted
- Gibson Contracted
- Willy 9 Chap 2 Contracted
- Ormat Contracted
- Fish Lake Contracted
- Executed REC Sales
- VCE RE to be Contracted
- VCE Retail Load
- RPS Requirement

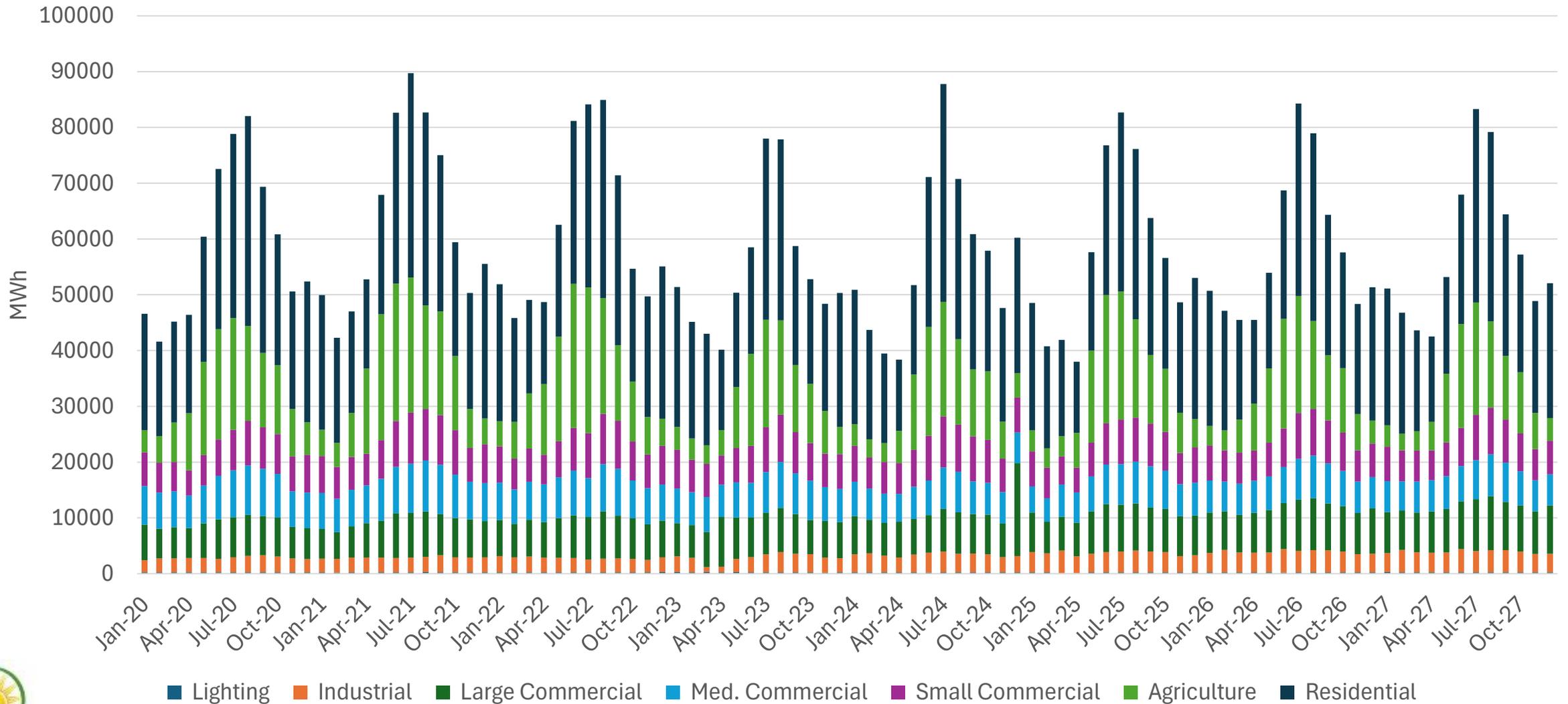
2025 Contracted RE pre REC sale: 82%; 2025 Contracted RE post REC sale: 75%



Power Content Label (Compliance Period 4)

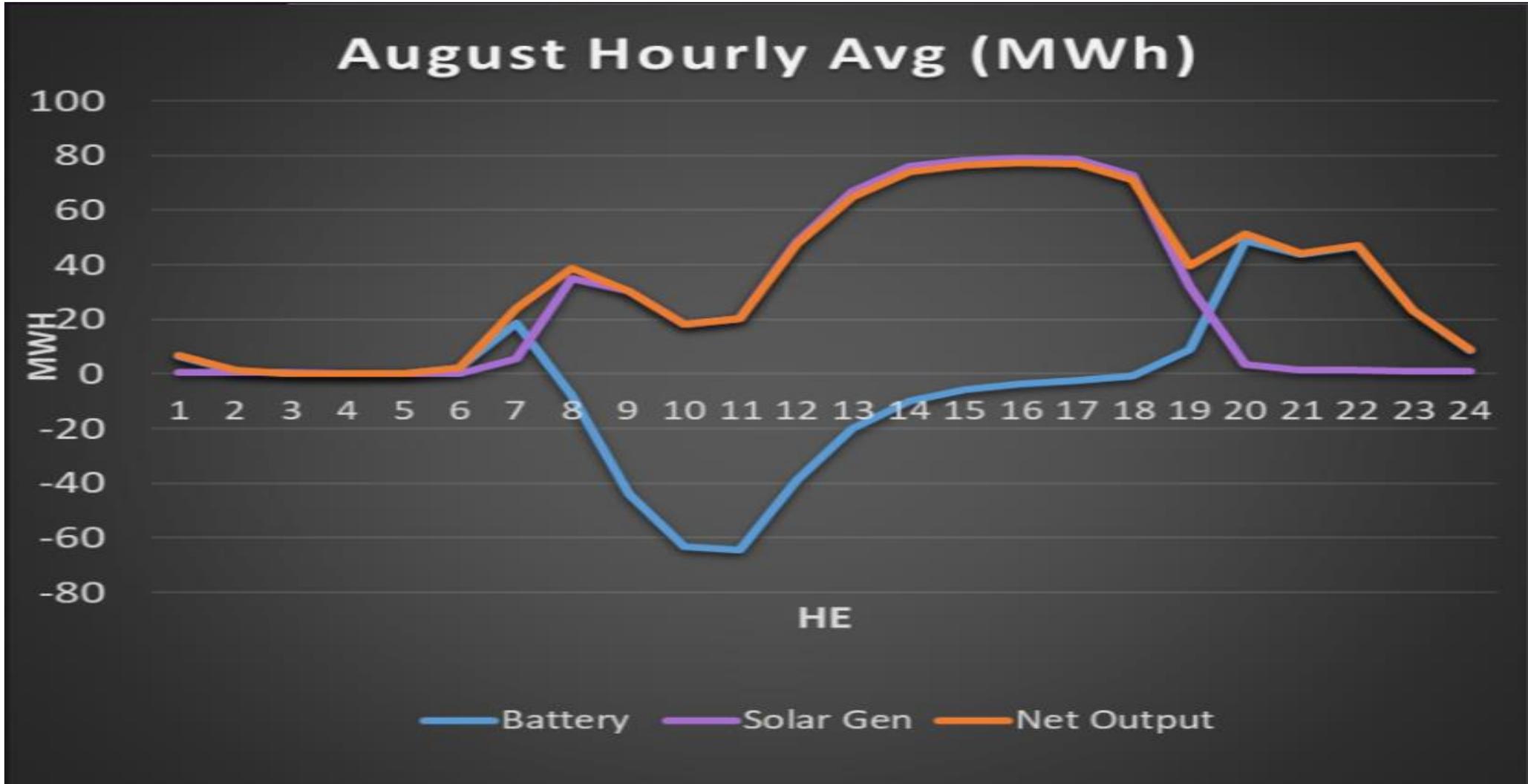


Load History + Projected



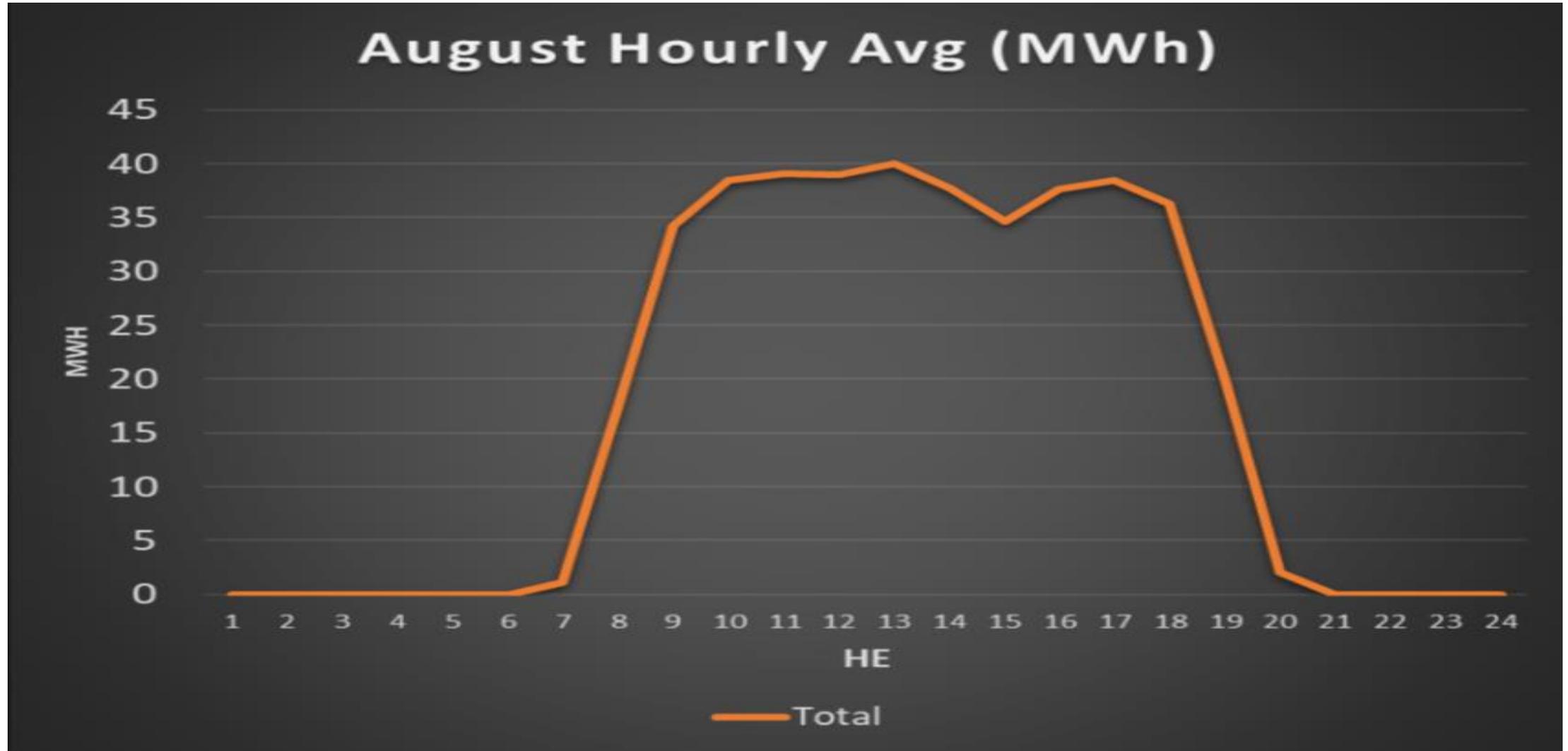
VCE's annual load is approx. 700GWhs

Solar + Storage Generation



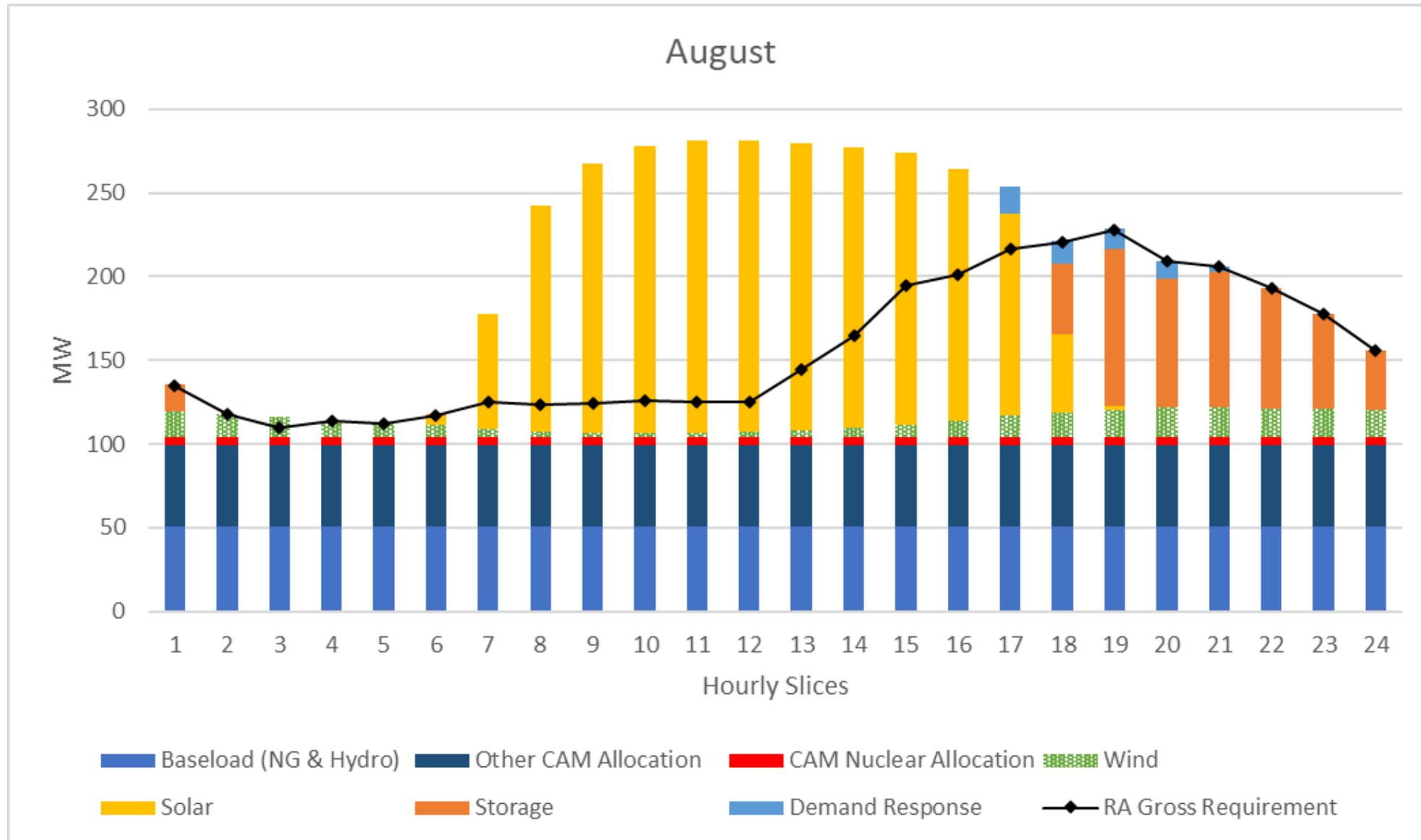
Above graphic assoc w production from the Resurgence facility

Solar Generation



Above graphic assoc w production from the Aquamarine facility

Resource Adequacy - Slice of Day (SOD)



VCE Strategic Plan Update

Discussion/Feedback

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Questions & Feedback on Financial Goals

- What financial priorities should VCE focus on in the next 5 years (e.g., rate stability, clean energy investment, energy equity)?
- How important is it to you that VCE reinvests surplus revenues into community programs (e.g., energy efficiency, bill assistance, local jobs)?
- What financial incentives would encourage you to participate in VCE programs like demand response or virtual power plants?

Questions & Feedback on Procurement Goals

- What types of clean energy projects (solar, wind, storage, biomass, Geothermal, etc.) should be prioritized by VCE?
- Would you be willing to pay slightly more for electricity if it meant faster progress toward 100% renewable energy?
- Should your CCA invest more in grid resilience (e.g., microgrids, backup storage) even if it increases short-term costs?

VCE Strategic Plan Update

Next Steps/Timeline

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Strategic Plan 2026-2029

MAJOR UPDATE TIMELINE

Brief Survey Issued May 16th – Points allocation for customer priorities

MAY 22ND
ESPARTO
COMMUNITY
CENTER - RISE

CAC

Goals Outreach

- 1) Financial Strength / Rates
- 2) Procurement & Power Supply



JULY 24TH
CITY OF
WOODLAND
CHAMBERS

CAC

Review of Preliminary Draft Strategic Plan recommendation & Survey Plan (Possibly more in depth)



SEPTEMBER 11TH
CITY OF
WOODLAND
CHAMBERS

Board

Workshop Review of CAC Strategic Plan Recommendation & Survey Results



April 24

May 22

June 26

July 24

August 28

September 11

October 9

CAC

Introduction of Strategic Plan Rough Draft & Timeline



CAC

Goals Outreach

- 1) Customers and Community
- 2) Decarbonization and Grid innovation



JUNE 26TH
CITY OF DAVIS
OR CITY OF
WOODLAND

CAC

Review of Preliminary Survey Results & Strategic Plan Recommendation

AUGUST 28TH
CITY OF
WOODLAND
CHAMBERS



Board

Recommended Strategic Plan Adoption

OCTOBER 9TH
CITY OF DAVIS
CHAMBERS

VCE Strategic Plan Update

**Contact/Strategic Plan Feedback:
Email Strategy@ValleyCleanEnergy.org**

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