



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

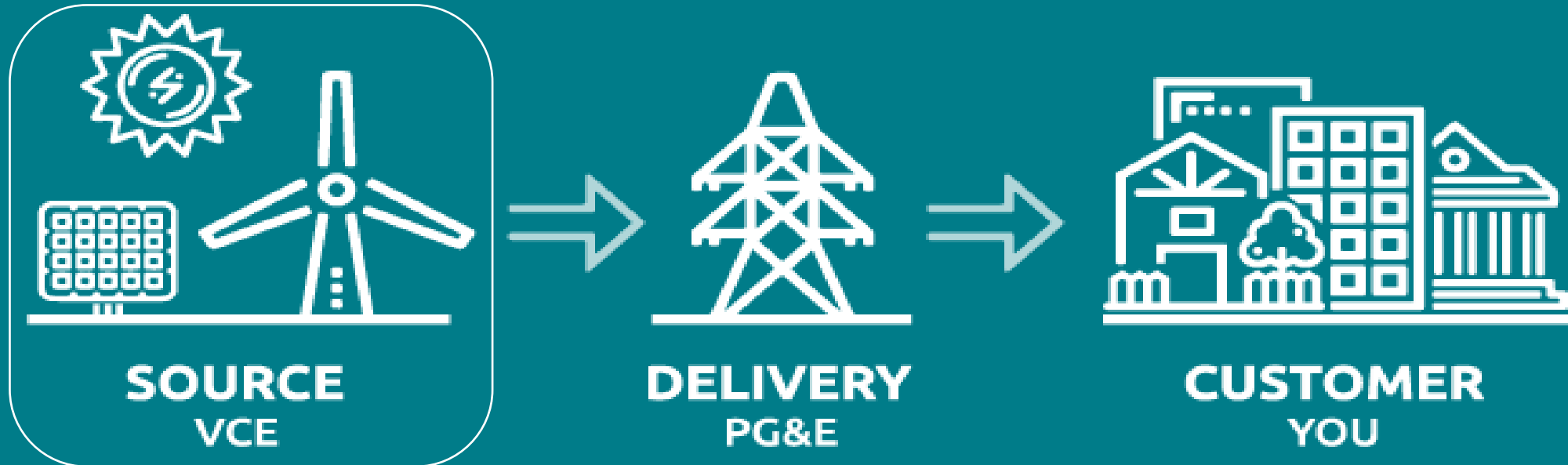
Community Choice Aggregation (CCA) & Valley Clean Energy (VCE) Basics

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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

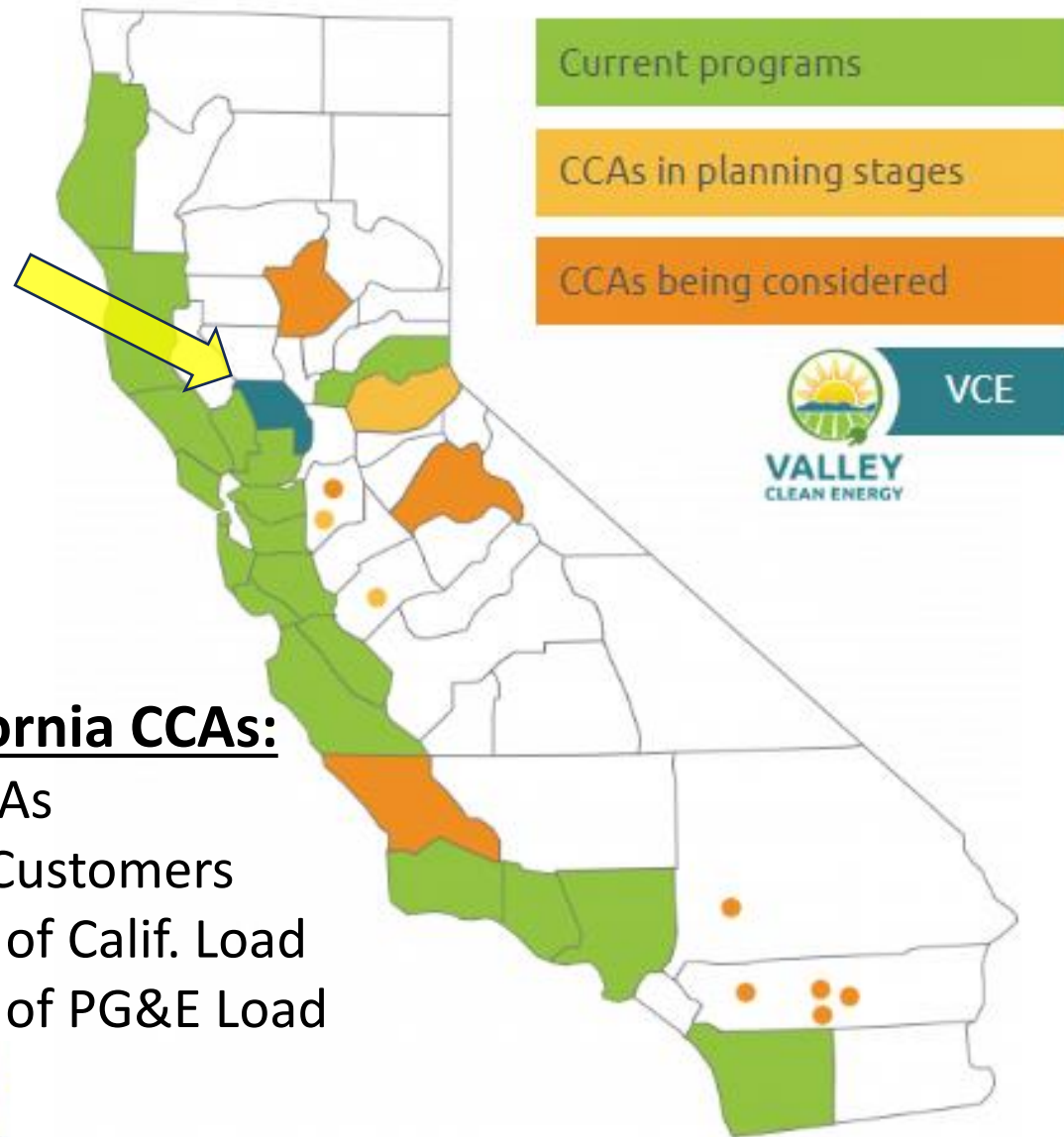
VCE is a Community Choice Aggregation program (CCA) serving Yolo County Electricity Customers since June 2018.



- 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**

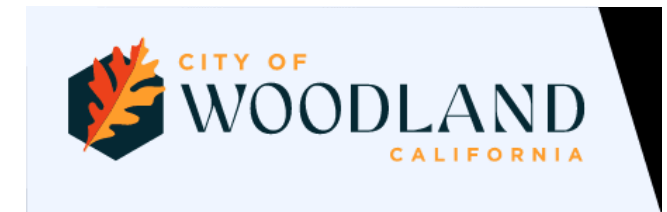
Governance

Board Members

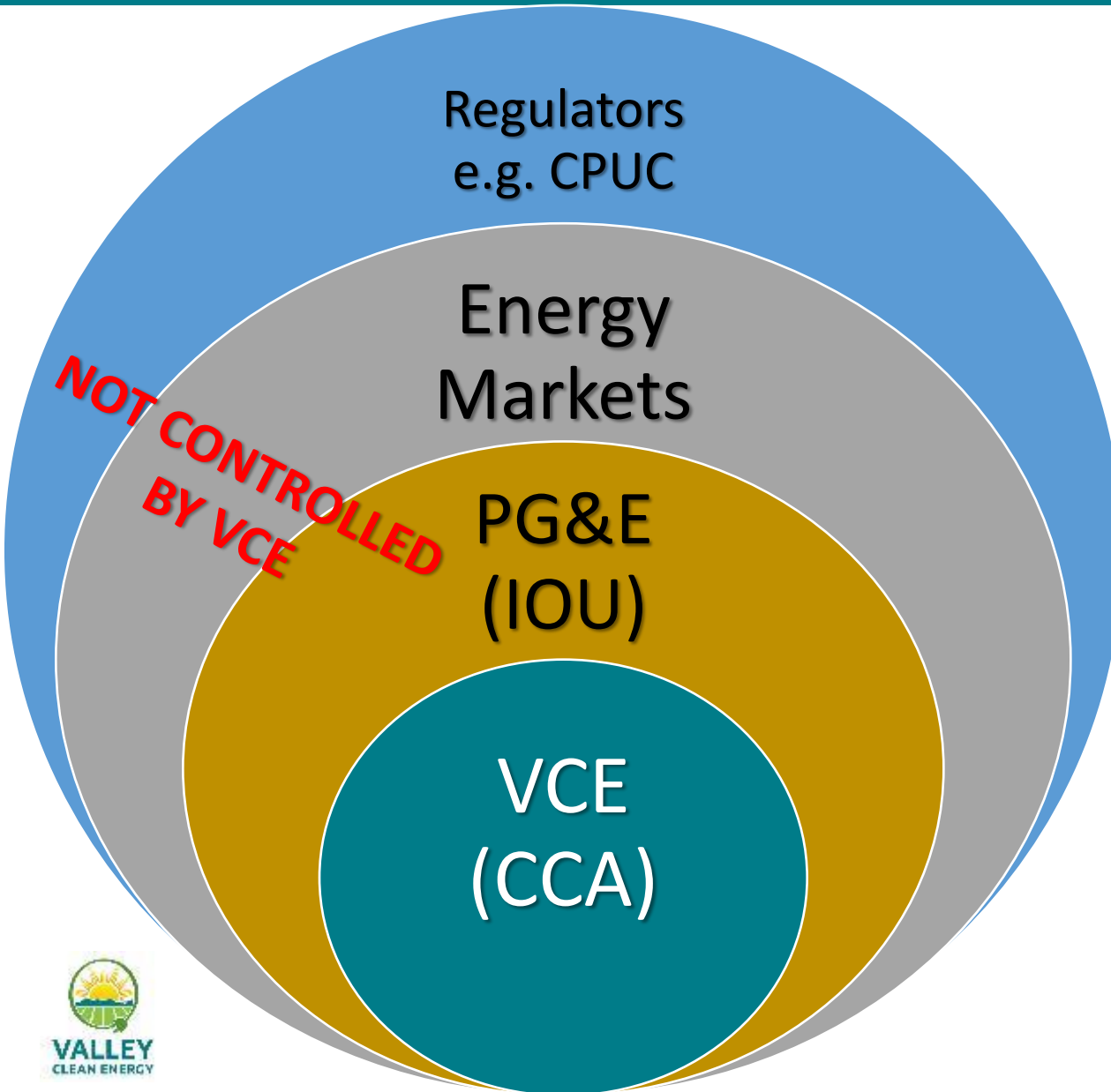
Jurisdiction	Member(s)	Alternate
County of Yolo	Sheila Allen; Lucas Frerichs	Angel Barajas
City of Davis	Bapu Vaitla (Chair) ; Donna Neville	Linda Deos
City of Winters	Jesse Loren (Vice Chair) ; Richard Casavecchia	Albert Vallecillo
City of Woodland	Tania Garcia-Cadena; Tom Stallard	Mayra Vega

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 2026-29 Strategic Plan Workshop: Background

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

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



Totals Contracted for Since 2018:



236

MW
Renewables



134

MW
BESS*



7

MW Demand
Response

1. Aquamarine Solar Facility

Santa County
50 MW PV Only
(Approx. 110,000 MWh)
Online Now

2. Putah Creek

Yuba County
Solar PV + Storage Project
50MW / 30MW BESS**
(Approx. 7,500 MWh)
Online Now

3. Indian Valley Hydro

Lake County
2.9 MW Small Hydro
(Approx. 3,000 MWh)
Online Now

4. Tierra Buena Battery Storage Facility (4 hrs)

Sutter County
VCE Share is 2.5 MW
Online Now

5. Aggregated Demand Response

Statewide Resources
VCE Share is 7 MW
Online Now

6. Resurgence Solar 1

San Bernardino County
Solar PV + Storage Project
50 MW PV / 25 MW BESS**
(Approx. 12,500 MWh)
Online Now

7. Willy 9 Chap 2

Plumas County
Solar PV + Storage Project
72 MW PV / 36 MW BESS**
(Approx. 21,500 MWh)
Online Now

8. Gibson

Yuba County
Solar PV + Storage Project
14 MW PV / 14 MW BESS**
(Approx. 5,000 MWh)
Anticipated Online Q2 2027

9. Tumbleweed Long-Duration Battery Storage (8 hrs)

Kern County
VCE Share is 2.25 MW
Anticipated Online Q2 2026

10. Coal Line Long-Duration Battery Storage (8 hrs)

San Diego County
VCE Share is 2.25 MW
Anticipated Online Q2 2028

11. Fish Lake Geothermal

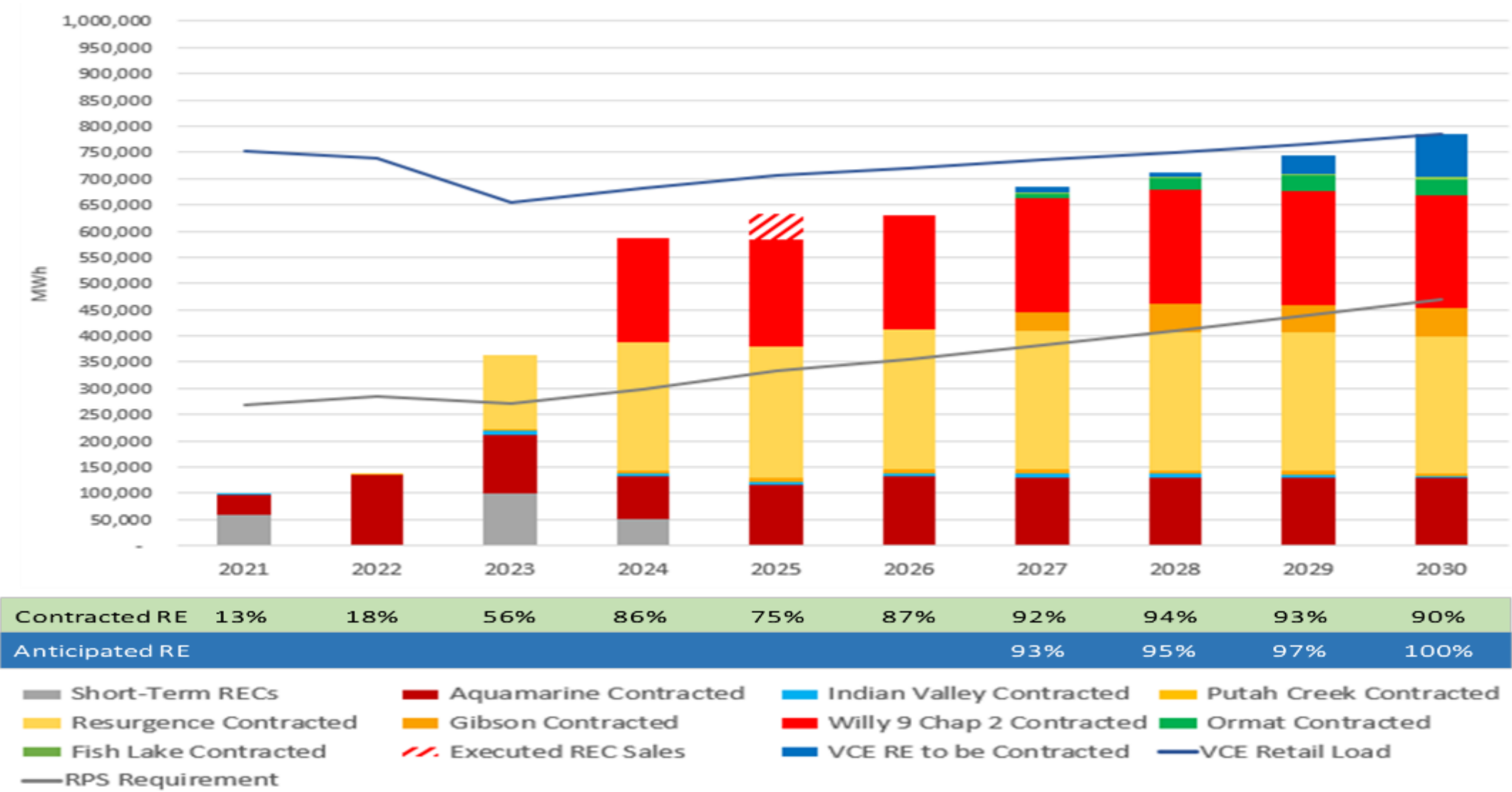
Plumas County, NV
VCE Share is 0.42 MW
(Approx. 3,000 MWh)
Anticipated Online Spring 2027

12. Ormat Geothermal Portfolio

Geothermal - NV & CA
VCE Share is 1.03 MW
(Approx. 10,000 MWh)
Anticipated Online Q4 2027

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

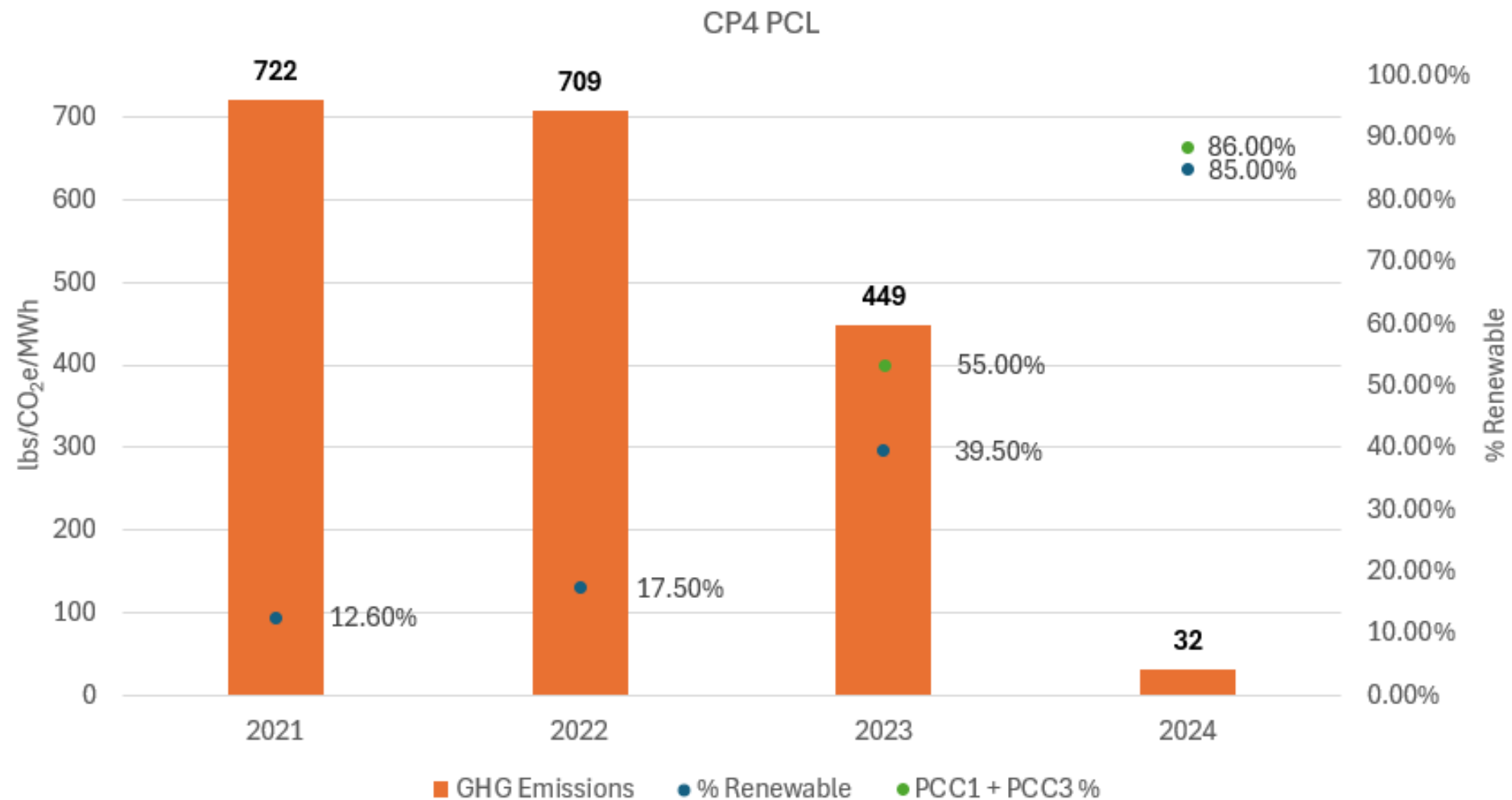
Power Supply Overview



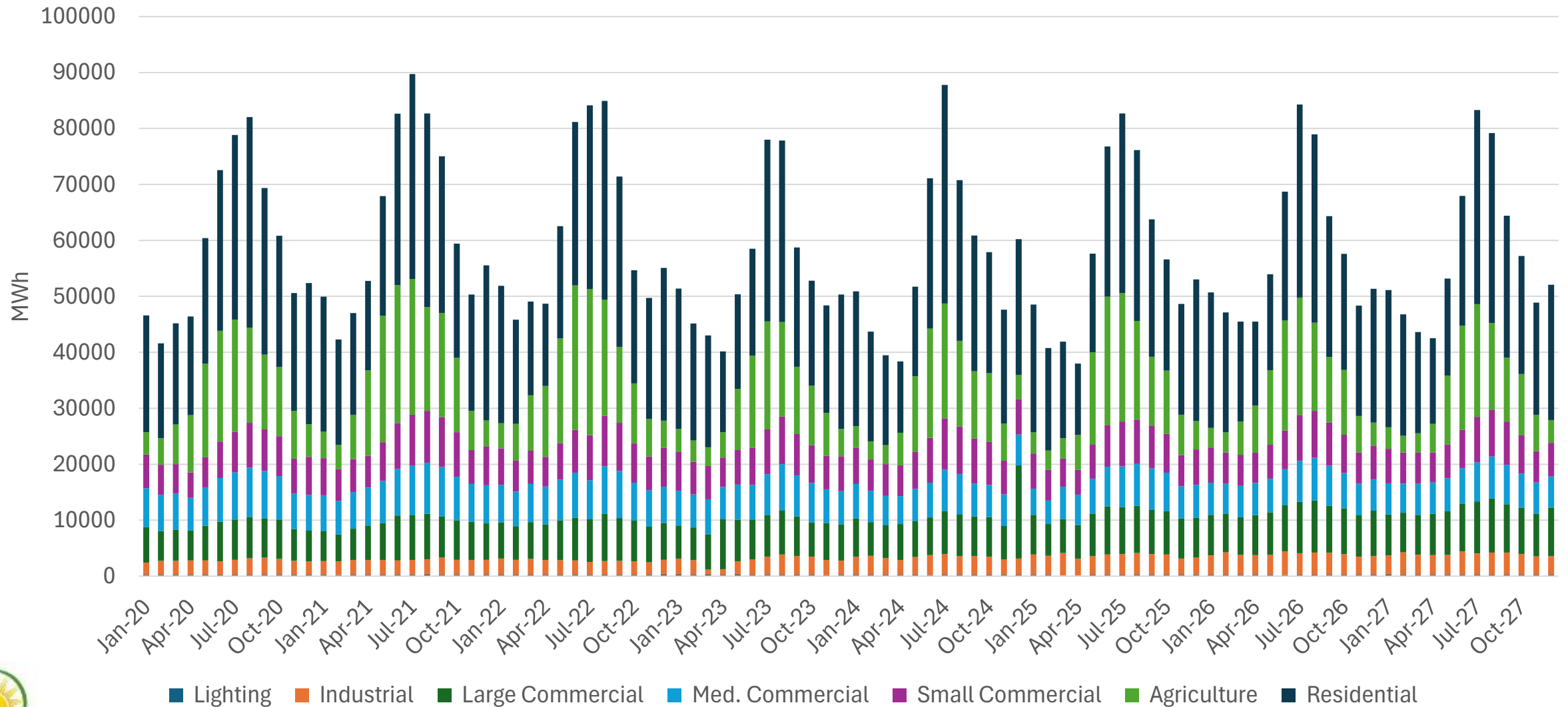
2025 Contracted RE pre REC sale: 82%; 2025 Contracted RE post REC sale: 75%



Power Content Label (Compliance Period 4)

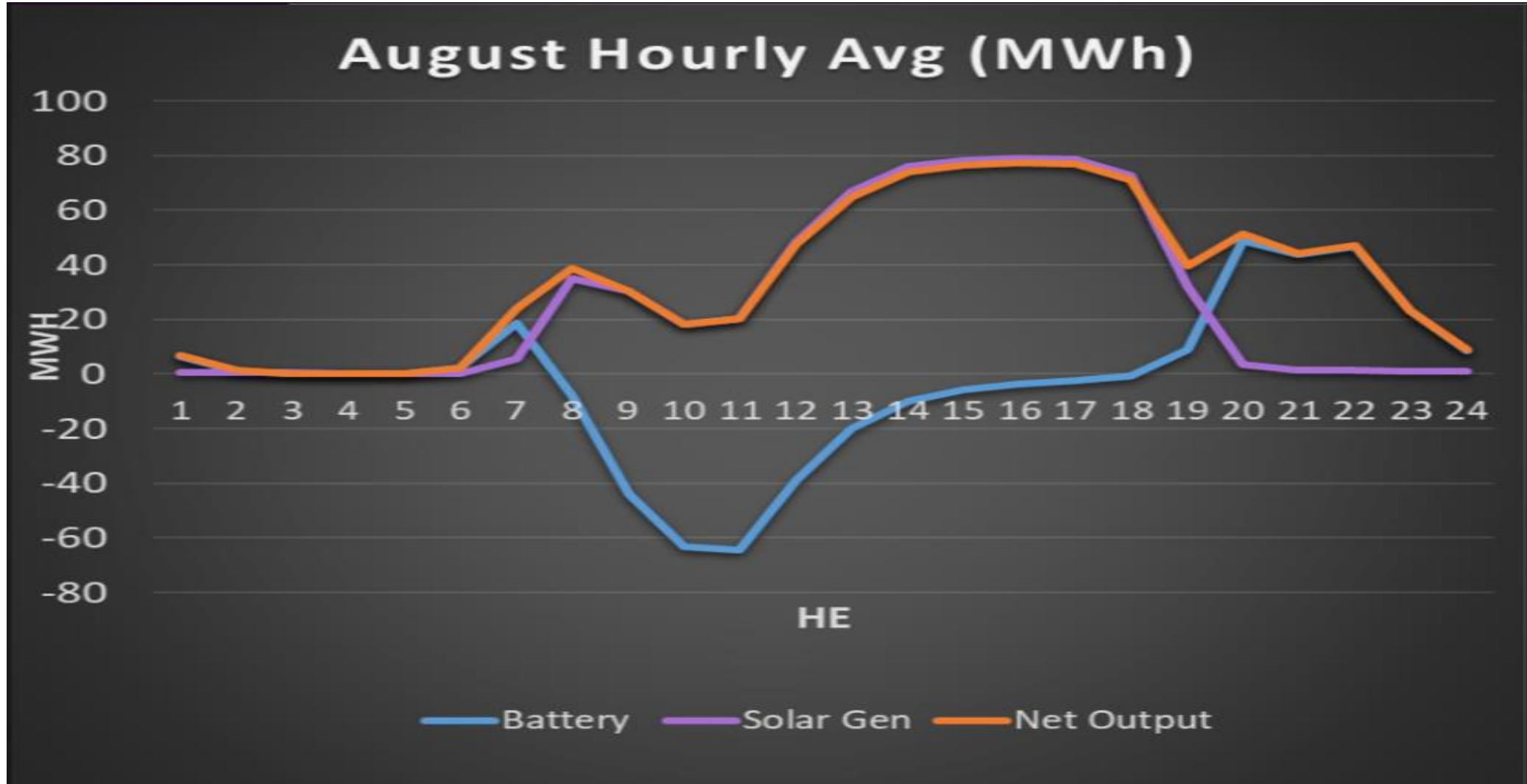


Load History + Projected



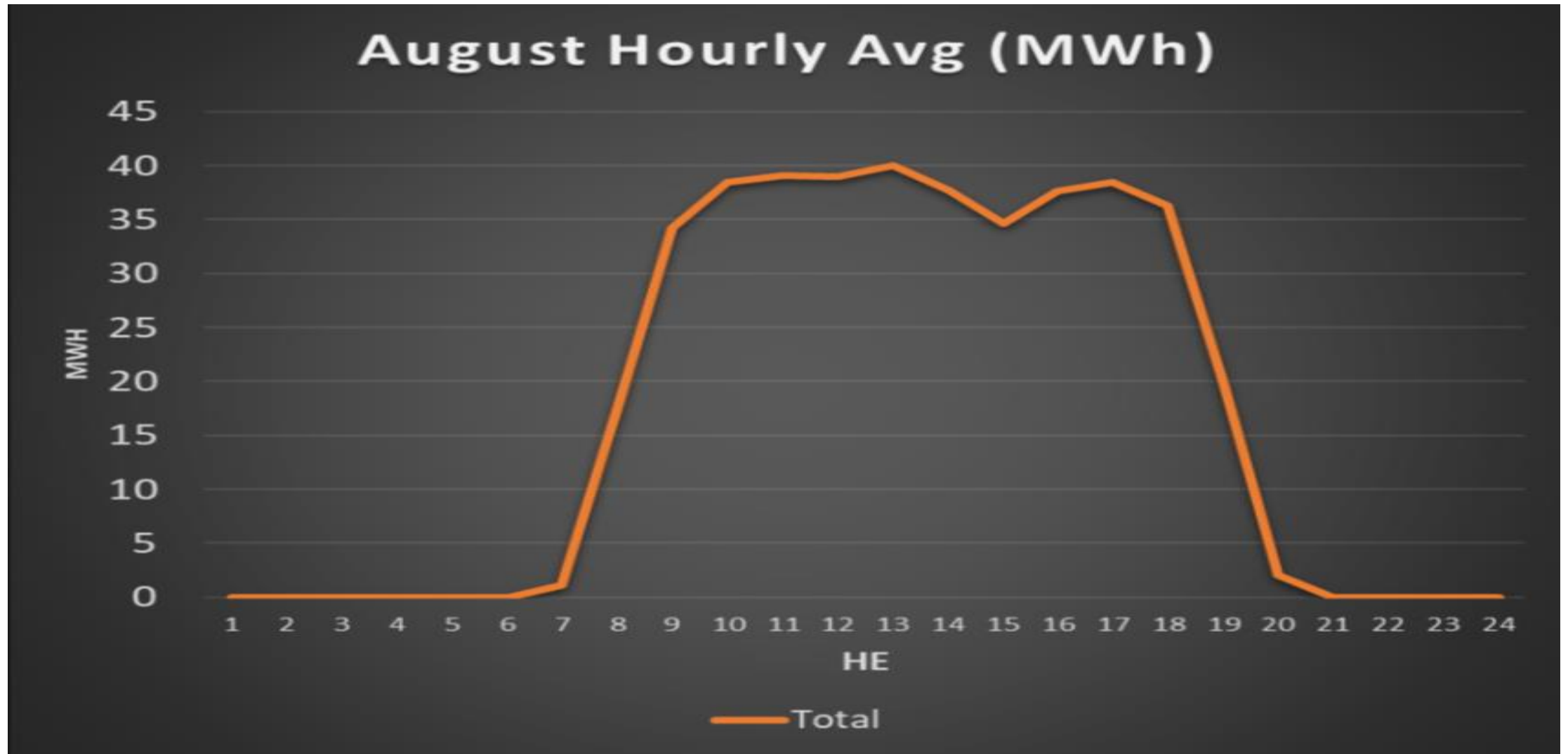
VCE's annual load is approx. 700GWhs

Solar + Storage Generation



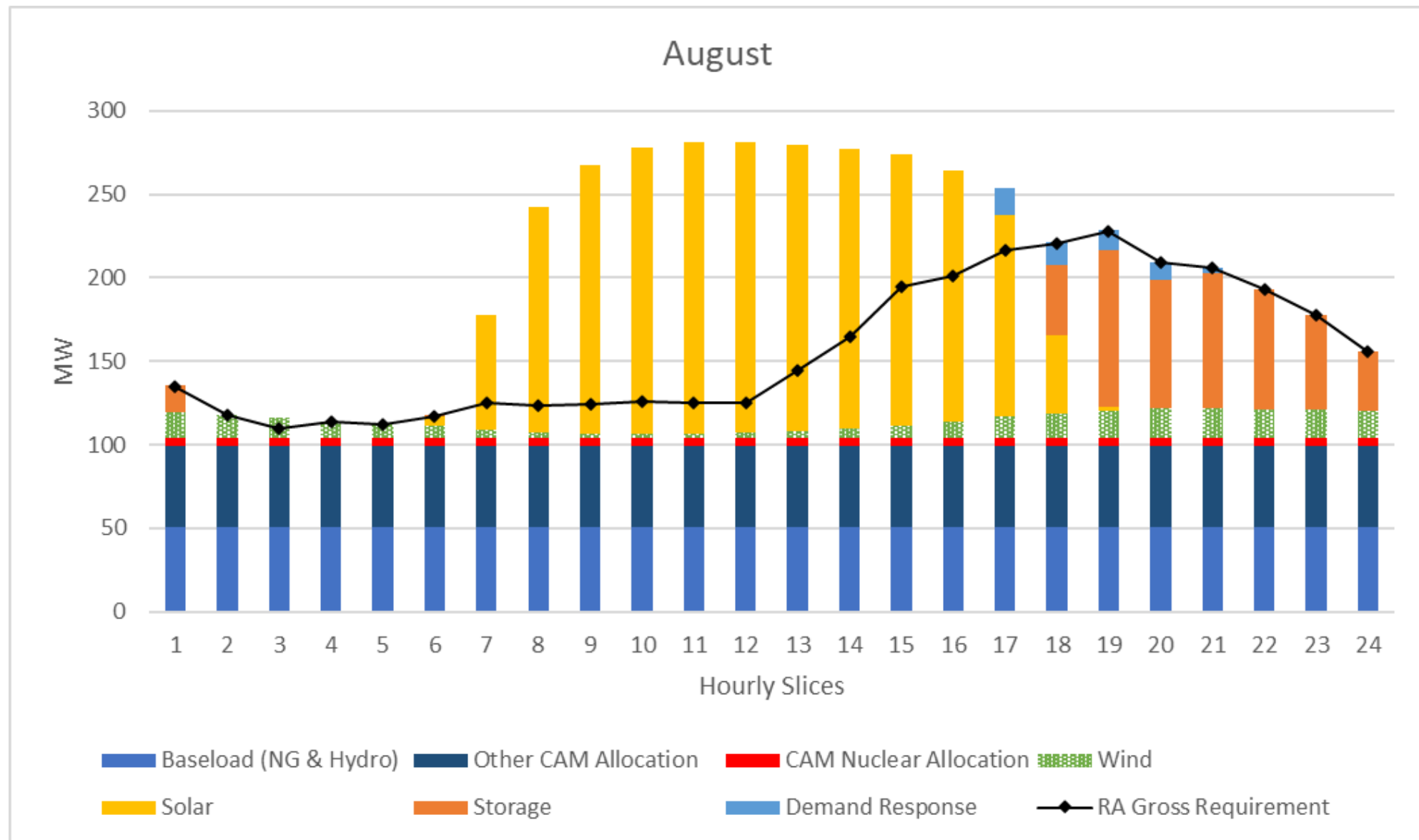
Above graphic assoc w production from the Resurgence facility

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



April 24

May 22

June 26

July 24

August 28

September 11

October 9

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



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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