



VALLEY
CLEAN ENERGY

Valley Clean Energy Update

Yolo County Board of Supervisors – July 9, 2024



VALLEY
CLEAN ENERGY

VCE Update

Impact:



Leadership among CCAs



Award-Winning Programs



Photo: YvonneHunterPhotography.com

5 Years of Serving Our Member Communities

Community Impact



378 MW

Increased clean energy capacity since 2018



\$1.5 M

VCE customer savings since 2018



\$7 M

Dollars allocated to community reinvestment programs

VCE Update

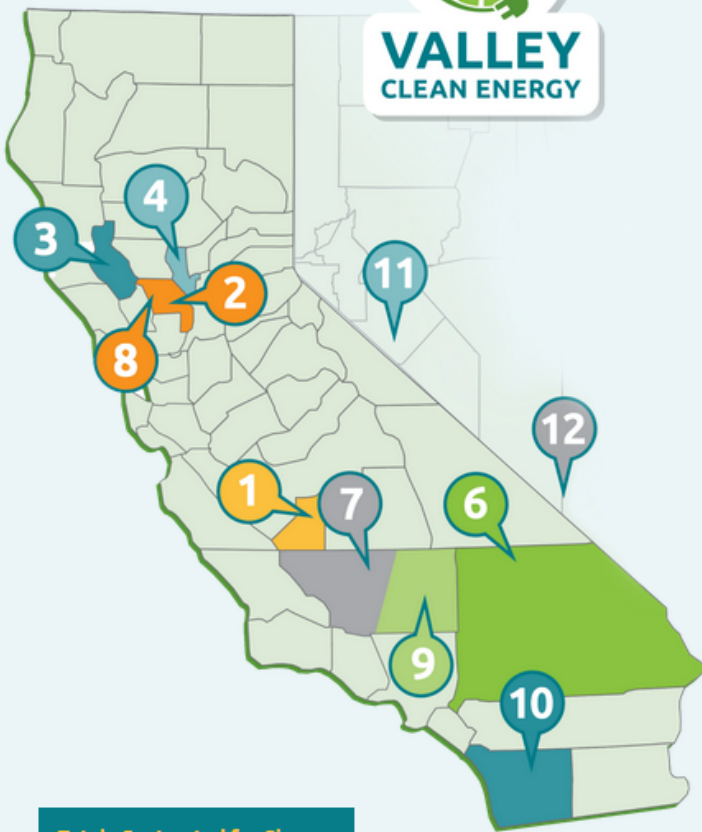
Portfolio



VCE Update



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Totals Contracted For Since 2018:

- 243 MW Renewables
- 128 MW BESS*
- 7 MW Demand Response

Power Resource Contracts

1. Aquamarine Solar Facility

Kings County
50 MW PV-only
(approx. 130,000 MWhs)
online now

2. Putah Creek

Yolo County
Solar PV + Storage Project
3 MW/3 MW BESS*
(approx. 7,600 MWhs)
online now

3. Indian Valley Hydro

Lake County
2.9 MW small hydro
(approx. 6,000 MWhs)
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 I

San Bernardino County
Solar PV + Storage Project
90 MW (PV)/75 MW BESS*
(approx. 250,000+ MWhs)
online now

7. Willy 9 Chap 2

(Formerly Willow Springs Solar 3)
Kern County
Solar PV + Storage Project
72 MW (PV)/36 MW BESS*
(approx. 215,000+ MWhs)
anticipated online end of 2023

8. Gibson

Yolo County
Solar PV + Storage Project
13 MW/13 MW BESS**
(approx. 50,000 MWhs)
anticipated online Q2 2025

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

Kern County
VCE Share 2.9 MW
anticipated online Q2 2026

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

San Diego County
VCE Share 2.25 MW
anticipated online Q2 2025

11. Fish Lake Geothermal

Esmeralda County, NV
VCE Share 0.42 MW
(approx. 3,460 MWhs)
anticipated online spring 2025

12. Ormat Nevada Inc Portfolio

Geothermal – NV & CA
VCE Share 4.63 MW
(approx. 35,380 MWhs)
anticipated online early 2026

*Battery Energy Storage System (4 hrs)
**Battery Energy Storage System (5 hrs)



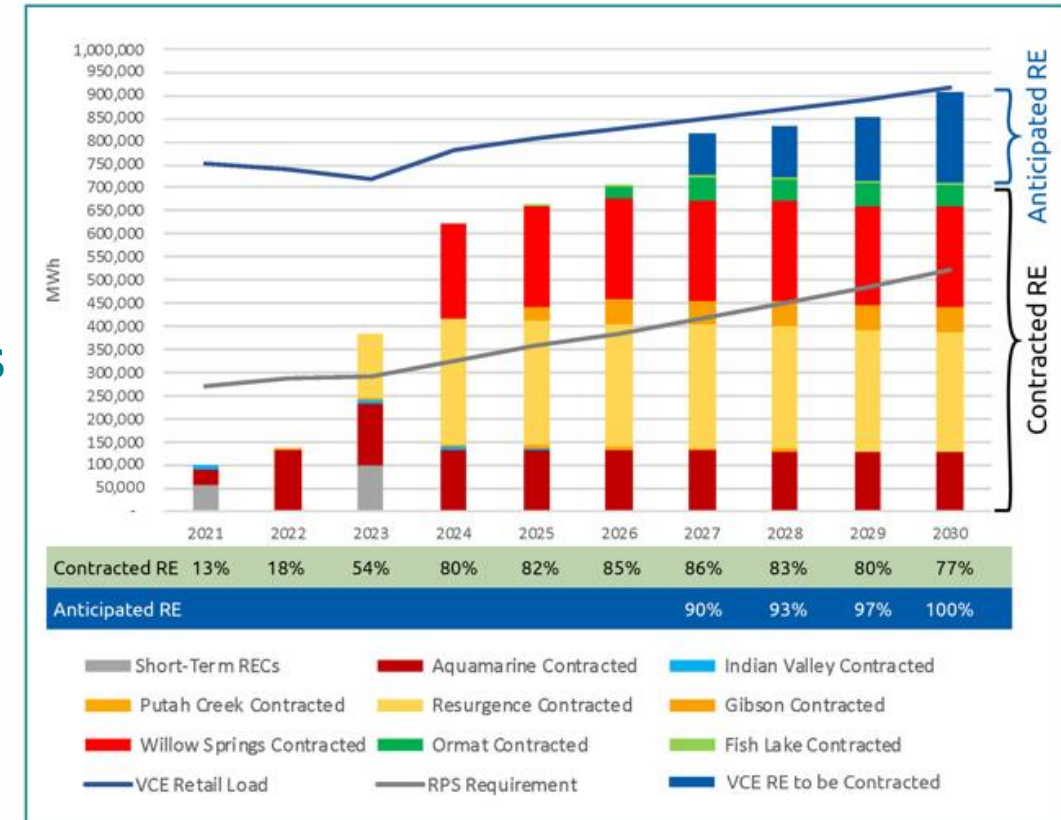
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VCE Update

Portfolio Highlights

- Established a new VCE target of **100% renewables** with a **25% local storage** component.
- Successful transition from SMUD to The Energy Authority (TEA) resulting in **cost savings, efficiencies** and **additional services**.
- Gibson project final permit approvals and pursuing **microgrid funding opportunities**
- Due to CPUC modification of Resource Adequacy rules, VCE considering sale of Renewable Energy Credits in 2025 to off-set increasing energy costs.

ANNUAL RPS POSITION



VCE Update



Resurgence I & II. VCE's share is approx. 2/3rd of above photo.

Project size: 90 MW PV + 75MW BESS
COD: BESS/PV –July/Aug 2023

Willy 9 Chap 2. Formerly Willow Springs Solar Project. CAISO requested revised naming convention. PV portion is complete and is in commercial operation. BESS is awaiting final approvals.

Project size: 72MW PV + 36MW BESS
COD: PV delivering energy 1/1/24



VCE Update

Marketing & Outreach



VCE Update

Outreach: Meeting Our Customers Where They Are



Photos:
YvonneHunterPhotography.com



Events: 8 events; 10,000+ people reached (including media, in-person)



Media: 6 press releases, 8 press placements, 2 op-eds, 200 media contacts



Customer inquiries: rapid, tailored responses with emphasis on authenticity and engagement

VCE Update

Outreach Spotlight: VCE's 5-Year Anniversary



Events: (4) Downtown Woodland Food Truck Mania, Downtown Winters Fourth Friday Festival, 5-Year Anniversary Event in Davis; 5-year anniversary event at Board meeting



Media: [Davis Enterprise](#)



Impact: Exposure – 6000+ (including media, in-person), 60 EV experiences (including test drives)



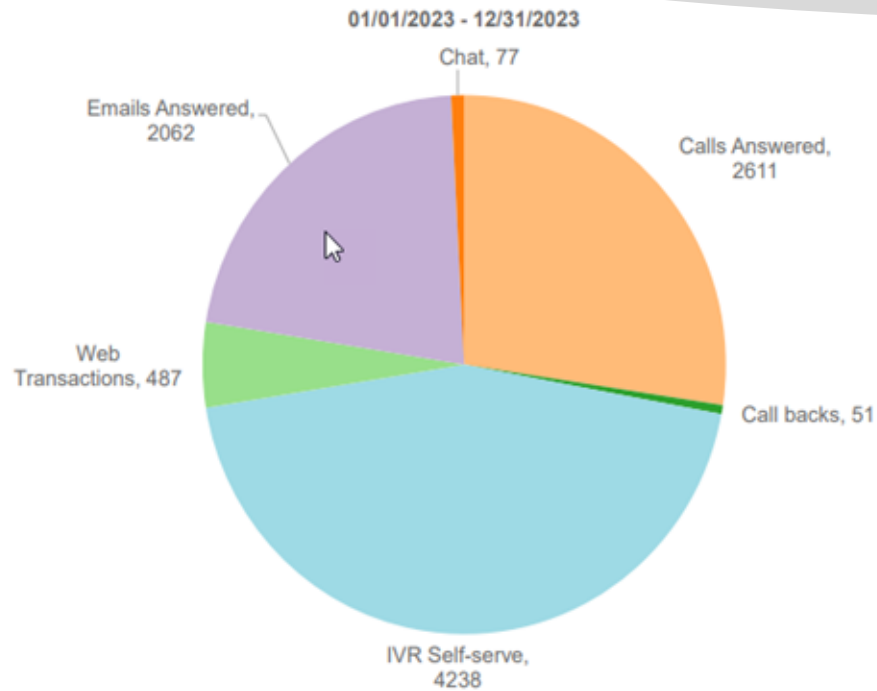
Photos: YvonneHunterPhotography.com

Customer Care



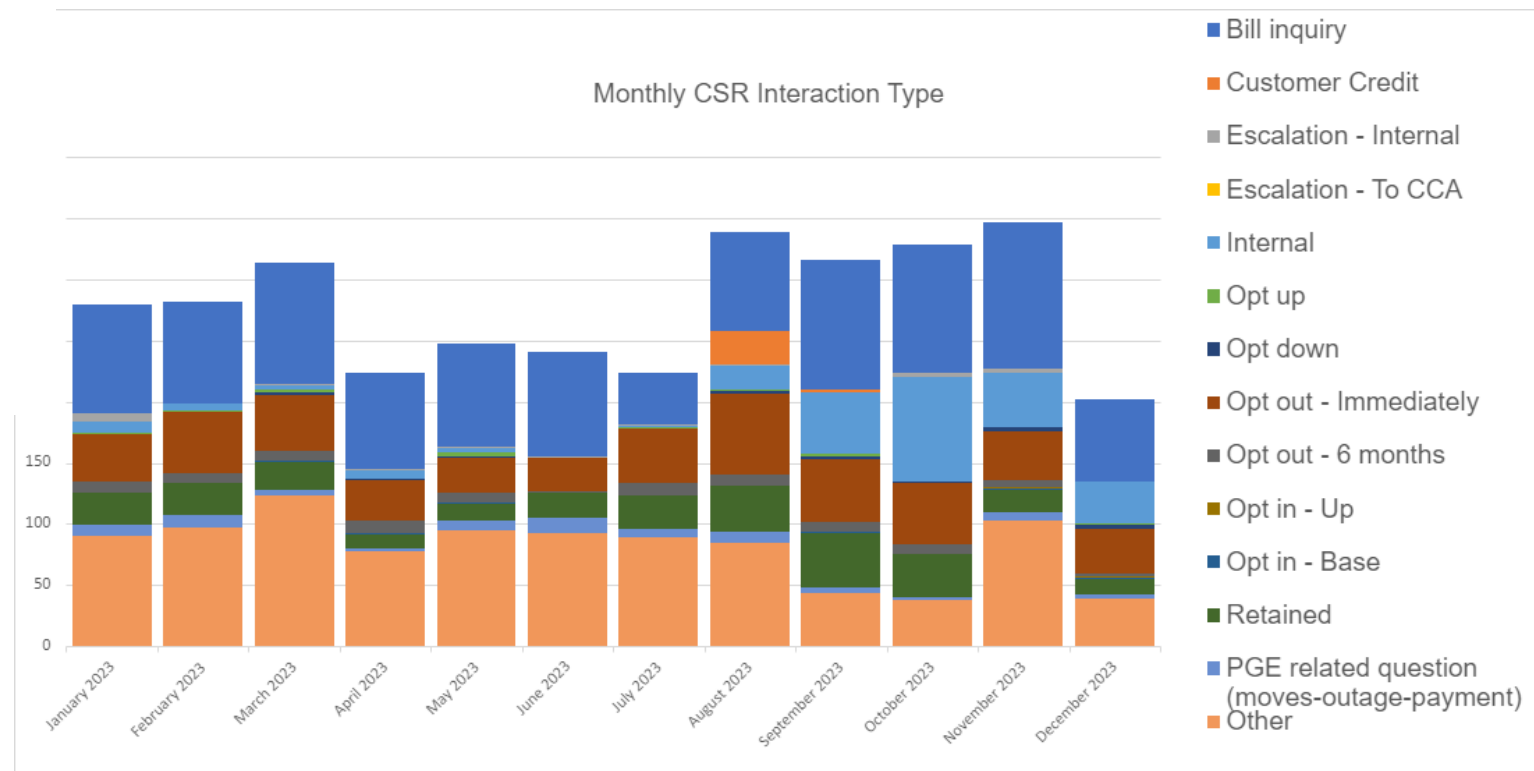
VCE Update

Customer Service Representative (CSR) Interactions



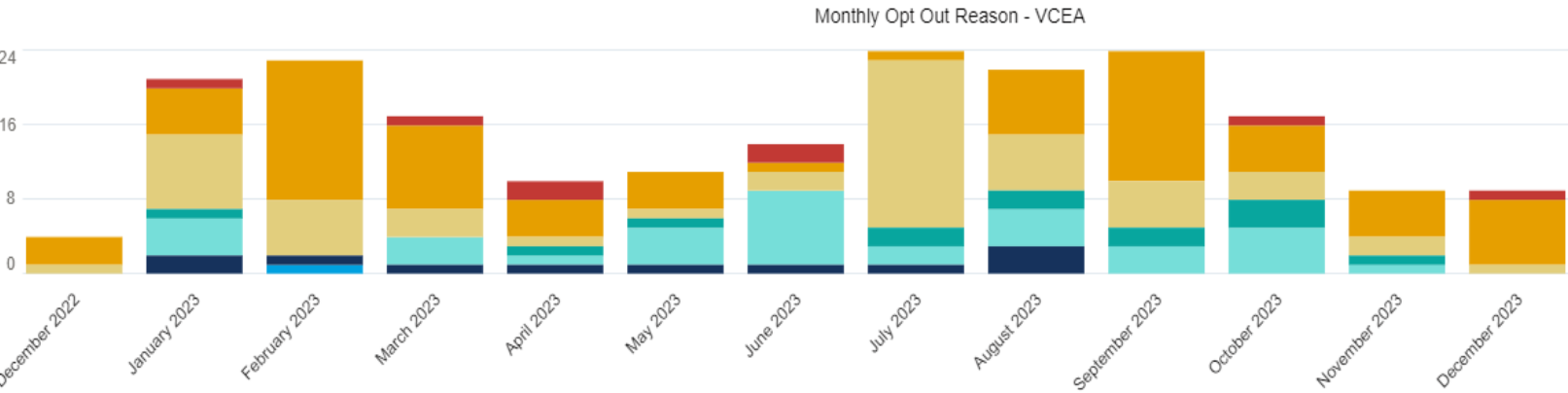
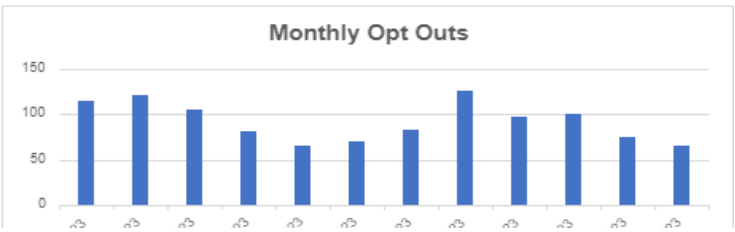
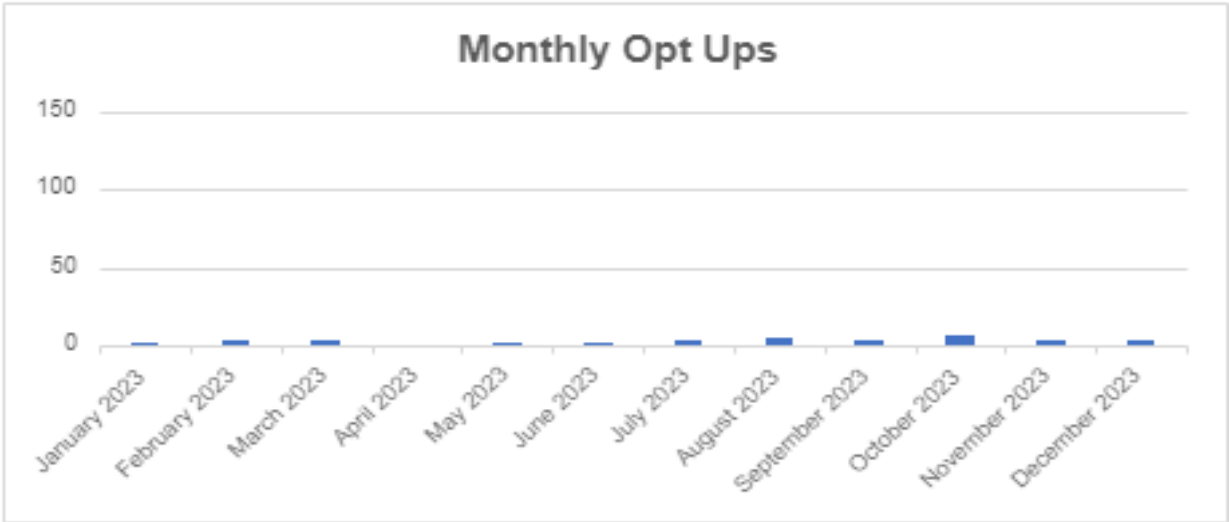
CSR Calls	27.4%
Emails	21.6%
IVR Self-serve	44.5%
Web Transactions	5.1%
Chat	0.8%
Call Backs	0.5%

Metrics (January 2023 to December 2023)	
Abandon Rate %	2.36%
Average Speed of Answer (seconds)	8



VCE Update

Opt-outs & Opt-ups, 2023



- Reason for Opt-Out
- Concerns about Government-run Power Agency
 - Decline to Provide a Reason
 - Dislike being Automatically Enrolled
 - No Entry
 - Other
 - Rate/Cost concerns
 - Service/Billing Concerns

VCE Update

Website Analytics: Page Views & Engagement

Page title and screen class	↓ Views	Users	Views per user	Average engagement time
	77,379 100% of total	20,433 100% of total	3.79 Avg 0%	1m 33s Avg 0%
1 (not set) <i>(Likely VCE Home)</i>	13,680	862	15.87	4m 23s
2 Home - Valley Clean Energy	12,957	7,245	1.79	36s
3 VCE EV Rebates - Valley Clean Energy	3,036	1,823	1.67	1m 03s
4 Credits & Rebates - Valley Clean Energy	2,949	1,869	1.58	41s
5 Residential - Valley Clean Energy	2,308	1,504	1.53	30s
6 Board Meetings and Agendas - Valley Clean Energy	2,087	617	3.38	2m 02s
7 Opt out - Valley Clean Energy	1,466	1,009	1.45	43s
8 Understand your Bill - Valley Clean Energy	1,378	1,077	1.28	44s
9 RFPs / RFOs - Valley Clean Energy	1,243	600	2.07	22s
10 A Flexible Irrigation Pilot Program for Agriculture - Valley Clean Energy	1,231	708	1.74	35s

Average Time Spent on Websites

Across Industries: 53 seconds
(VCE: 1 minute 33 seconds)

E-Commerce Pages:

44 seconds-1
minute 22 seconds

Blog Posts: 2-5
minutes

VCE Update

Programs



VCE Update

Program Highlights



VCE Electric Vehicle Rebates – Stack your Savings!

39 rebates awarded total; 8 low-income

Total awarded \$109,500/\$32,000 low-income



REDWDS Grant provisionally approved



AgFIT; Potential AgFIT Expansion



SACOG-funded EV Chargers



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Ag and EV charger photos: YvonneHunterPhotography.com

VCE Update

Finance



Finance Highlights

- Debt Free as of December 2023
- 2 Year Line of Credit extension \$7M Cash Liquidity
- 120+ Days Operating Cash (June 2024)
- Clean Financial Audit
- \$1.5M allocated to program reserve.
- 2025 Power Cost Savings (~8+%) with Purchase Agreement Prepayment
- 2024 Rate Savings of 1-2% compared to PG&E
 - Additional 2.5% for CARE/FERA Customers
- 2028 Investment Grade Credit Rating Target
- Increased Customer Options with Base Green implementation

