



The August 13, 2026, Regular Meeting of the Community Advisory Committee will begin shortly

CustomerService@SDCommunityPower.org



Community Advisory Committee

Regular Meeting

August 13, 2026

Welcome and Call to Order

Roll Call



Land Acknowledgement

Special Presentations and Introductions

WELCOME!



Jannies Burlingame
Chief Financial Officer/Treasurer



Items to be Withdrawn or Reordered on the Agenda

Public Comment on non-Agenda Items

Consent Calendar

1. Approve June 23, 2026, CAC Special Meeting Minutes
2. Receive and File Treasurer's Report for Nine-Month Period Ending March 31, 2026
3. Receive and File Update on Marketing, Public Relations, and Local Government Affairs
4. Receive and File Update on Customer Operations
5. Receive and File Update on Programs
6. Receive and File Update on Power Service
7. Receive and File Update on Regulatory and Legislative Affairs



Public Comment on Consent Calendar

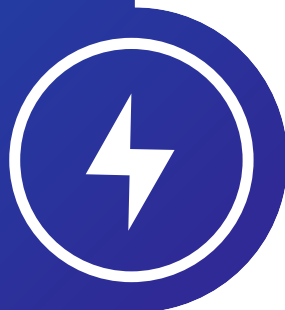
Regular Agenda

8. Solar Battery Savings Residential Update
9. Vehicle-Grid Integration Update
10. Update on San Diego Community Power's 2026 Integrated Resource Plan (IRP); 2025 Power Source Disclosure & Power Content Label (PCL); and 2026 Renewable Portfolio Standard (RPS) Plan
11. San Diego Community Power Data Center Load Integration Guidelines



Item No. 8

Solar Battery Savings Residential Update



Recommendation:

Receive and file updates on the Solar Battery Savings residential program.

Presenter:

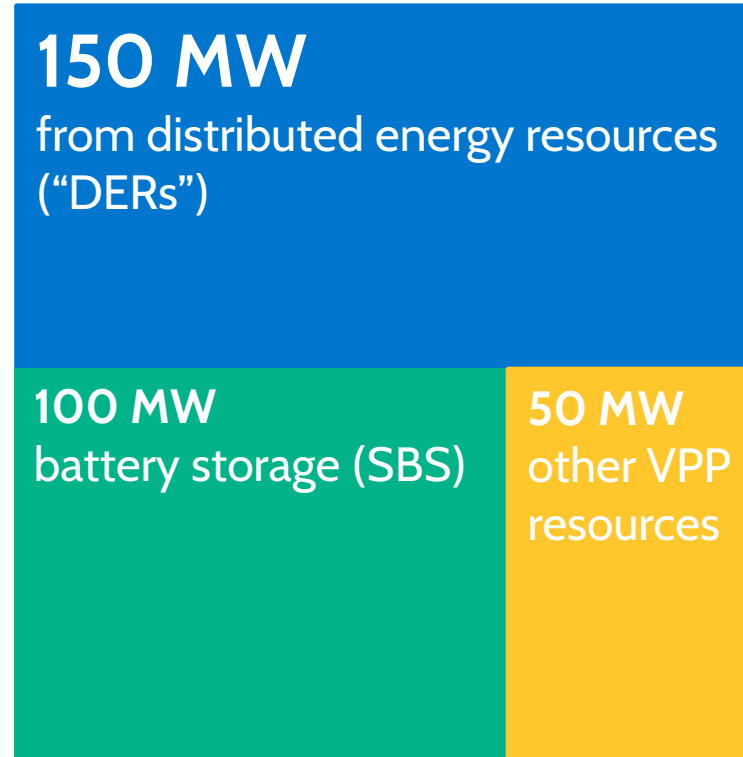
Colin Santulli, Senior Director of Programs

Emily Fisher, Senior Program Manager

Strategic Plan Goals for FY 2026-2028

Agency Local Capacity Goal: Starting in 2035, at least 300 MW of our peak demand **reduced, offset or provided by local, distributed resources** enabled by Community Power programs, tariffs, and procurement

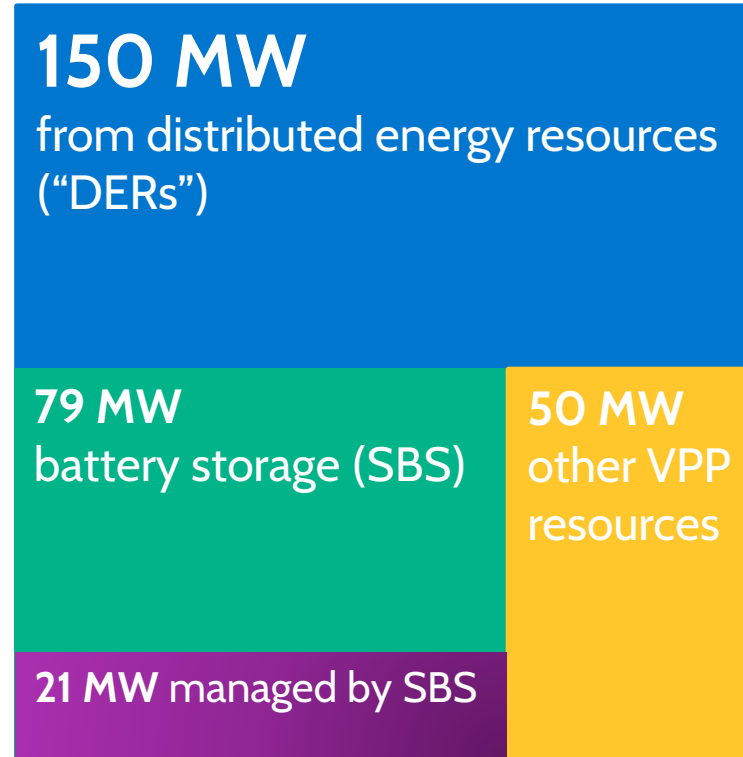
Program Department Strategic Goal: Deliver 150 MW of local capacity from distributed energy resources (DERs) and our Virtual Power Plant (VPP) by 2035, including expansion of Solar Battery Savings Program



Strategic Plan Goals for FY 2026-2028

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Agenda

- 01 Solar Battery Savings Background
- 02 Program Application Status
- 03 Battery Manufacturer Participation
- 04 Contractor Application
- 05 Upcoming Program Activities



Solar Battery Savings Background

- With the transition from Net Energy Metering to Net Billing Tariff in 2023, Community Power created the Solar Battery Savings program to support customers with the adoption of solar and battery systems and reduce grid demand during on-peak periods.

Program Type	Duration	Total Incentives	Total Participants	Total Batteries	Total MWh Enrolled	Avg. Incentive
Pilot	July 2024-November 2024	\$10M	1,453	2,000	13.2	\$6,868

- In March 2025, the Board adopted the Strategic Plan Goals for FY 2026-2028, which included expanding Solar Battery Savings into a multi-year program.
- Program re-launched on September 30, 2025, with a 90 MWh target:
 - Modified incentive structure and reduced incentives levels
 - Program separated into three 30 MWh tranches with flexibility to adjust program design (e.g., incentive levels, dispatch strategy, etc.) in each tranche
 - Any program design changes for subsequent tranches will be finalized and shared with industry once 75% of the 30 MWh tranche has been reached.



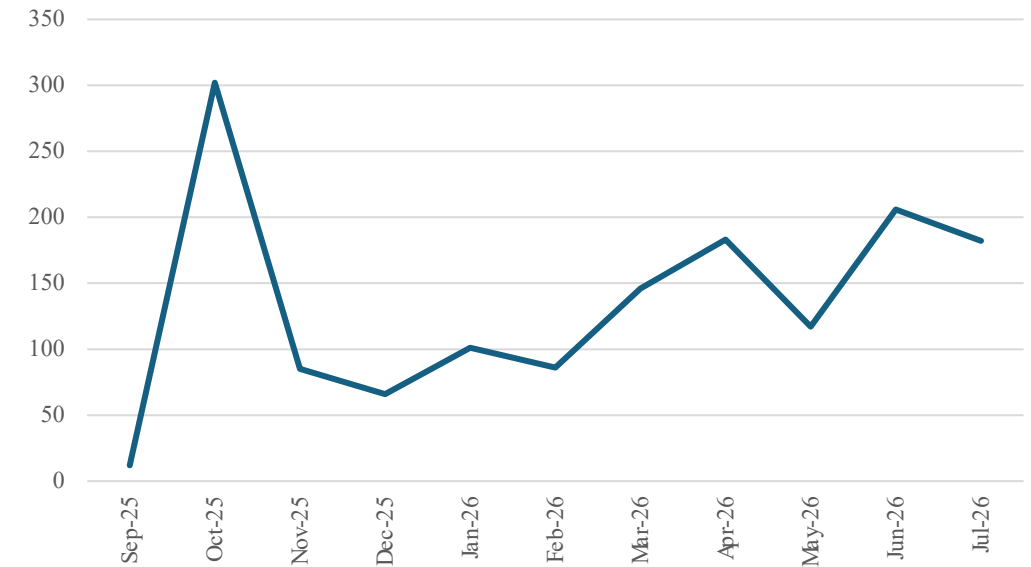
Application Status

Status	Number of Applications	% of Applications
Submitted - Pending Documents	334	23%
Approved - Pending Installation	433	30%
Completed	583	40%
Cancelled	106	7%
Unenrolled	3	0%
Total Applications	1,459	

Initial lower application volume than pilot likely due to:

- Elimination of the Investment Tax Credit
- Incentive reduction
- Eligibility requirements tightening

Applications Submitted per Month

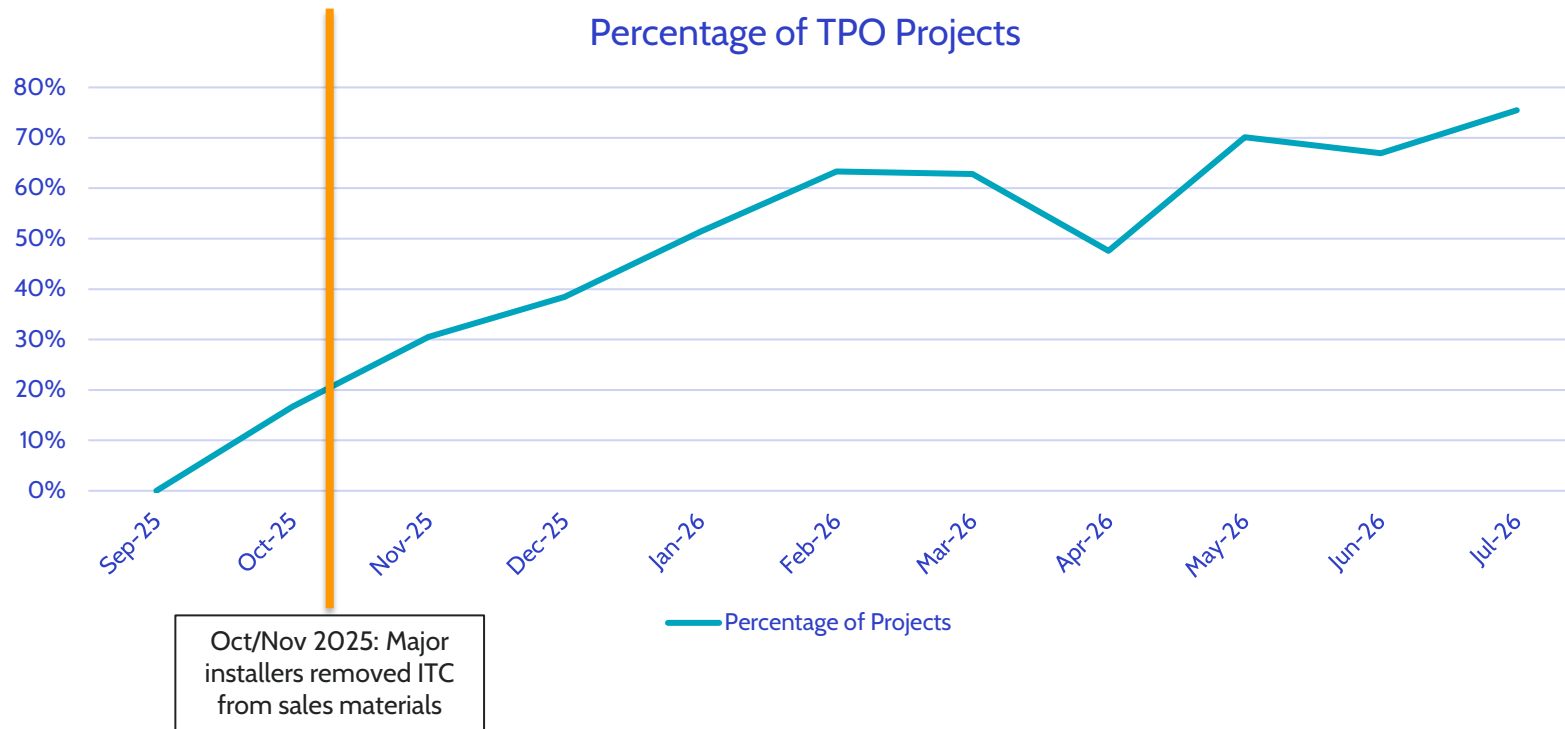


~8.5 MWh in approved & completed projects
(29% of the 30 MWh tranche)



Third-Party Owned (TPO) Projects and Applications

- Third-Party Owned products coming online in 2026 are supporting the market rebound
- Prior to elimination of the Investment Tax Credit for residents, the percentage of third-party owned systems within SDG&E territory was ~30%
- Program applications with a TPO project have consistently increased to a peak of almost 80% in July



Market Rate v. Non-Market Rate Participation

Market Rate v. Non-Market Rate: Number of Applications		
Market Rate	582	57%
Non-Market Rate	434	43%
Approved & Completed	1,016	

Market Rate v. Non-Market Rate: Incentive Value		
Market Rate	\$3.28M	56%
Non-Market Rate	\$2.56M	44%
Approved & Completed	\$5.84M	

Department Goal: 50% of total incentives to Non-Market Rate customers

- Customers on CARE or FERA rates and/or those residing in a Community of Concern are considered “Non-Market Rate” for calculating the department goal
- 43% of applications and 44% of incentive funding are attributed to non-market rate applications
- Targeted customer workshops planned for 2026 and 2027 to support adoption in Communities of Concern



New Solar v. Existing Solar Participation

Applications for New vs Existing Solar Systems

Existing Solar	286	28%
New Solar	730	72%
Approved & Completed	1,016	

A revision from the pilot to the program goals:
“Support the adoption of solar and storage in single-family homes with an **emphasis on new systems**”

- 72% of applications are for new solar and storage customers
- Pilot project approved 41% of applications for new systems
- The incentive shift and system sizing tool has supported the program goal



Battery Manufacturer Participation

- Program requires battery manufacturers to integrate with our Distributed Energy Resource Management System
- Five battery manufacturers approved; one pending approval

Battery Manufacturer	Number of Applications	Percentage of Applications	Approval Date
Tesla	764	75%	Sept '25
Enphase	235	23%	Sept '25
FranklinWH	13	1%	Sept '25
SolarEdge	4	0%	March '26
Lunar	0	0%	June '26



Contractor Participation

- 49 contractors actively participating
- Top 10 shown to the right in terms of number of projects completed
- 11% are Diverse Business Enterprises
- 4% have employee union electricians

Staff held three Sales and Engagement Training sessions for contractors over the summer and are currently offering training directly to sales teams to help them confidently explain the program and set customer expectations.

Contractors	Total Projects Completed
Aloha Solar Power	96
Stellar Solar	94
Baker Home Energy	90
Build Brothers	35
Alltech Solar	26
Tesla Energy Operations	23
SolHome	23
Semper Solaris	21
Sunline Energy	19
Johnson Solar	18



Customer Educational Workshops

Home Energy Academy, a member of the Power Network, will host a series of Customer Educational Workshops to help homeowners better understand:

- The fundamentals of residential solar and battery storage systems including how they operate, key components and purchasing options
- The benefits of solar and battery storage systems
- System sizing considerations
- Equipment evaluation
- Solar Battery Savings program overview
- Other available incentives
- Contractor selection and next steps



At least five workshops within the next year, virtual and in-person options, targeted in communities with relatively lower participation

Bill Impact Study

Cadmus will complete a bill impact study on the Solar Battery Savings Pilot

- Analyze bill impacts for program participants across a variety of customer segments and attributes:
 - Customer rates (e.g., TOU, DR, etc.)
 - Solar plan with consideration of export pricing variations based on enrollment year
 - Market rate vs. non-market rate customers
 - Weather and location (i.e., climate zones)
 - Manufacturer and products
- Recreate participant bills to compare bill impacts of hypothetical non-participation, among other scenarios
- Results will inform future potential program design adjustments and program marketing materials

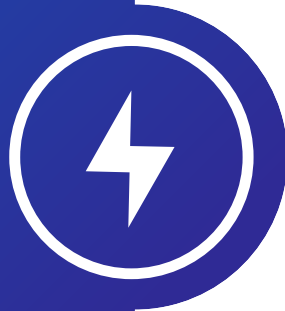


Public Comment on Item No. 8

Item No. 8

Committee Members Comments or Questions

Solar Battery Savings Residential Update



Recommendation:

Receive and file updates on the Solar Battery Savings residential program.

Item No. 9

Vehicle-Grid Integration Update



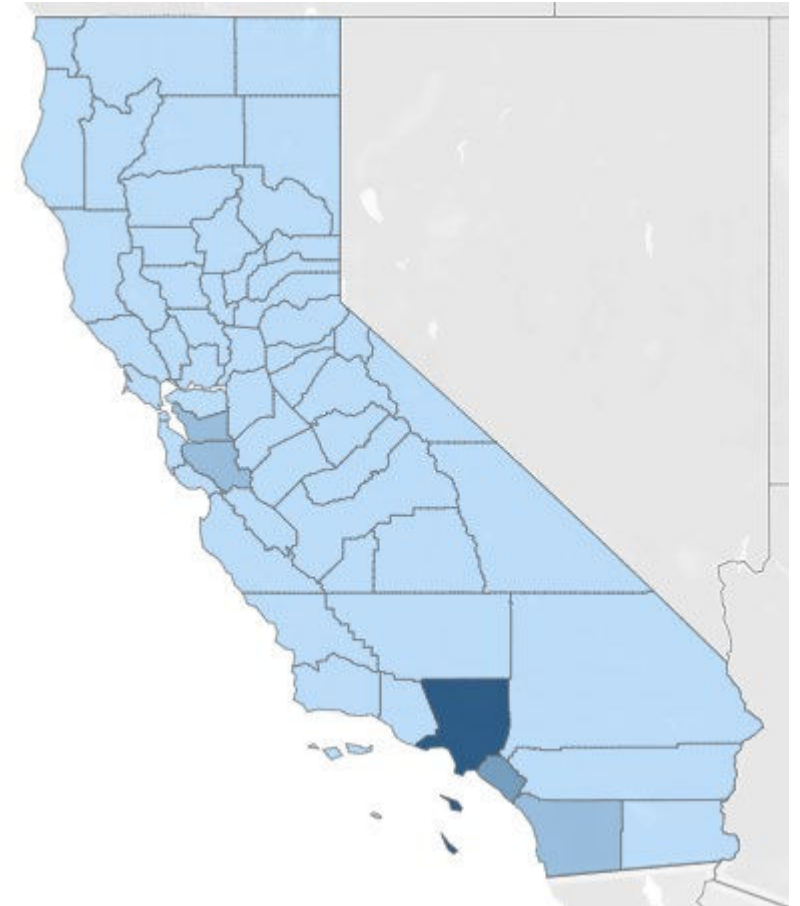
Recommendation:

Receive and file update on Community Power's Vehicle-Grid Integration strategy and initiatives.

Regional EV Load Analysis

Regional EV Load Analysis

- There are over 200,000 electric vehicles registered in the County of San Diego.
- Community Power needs to understand EV adoption trends and the associated impacts on electricity demand.
- Community Power will issue an RFP to complete a detailed analysis, including EV load profiles and adoption forecasts.
 - Segmented by vehicle class, geography, and customer characteristics
 - Modeling of 2027 through 2035 in two-year increments
- Findings will inform future VGI initiatives and strategy.



Source: CEC ZEV Dashboard

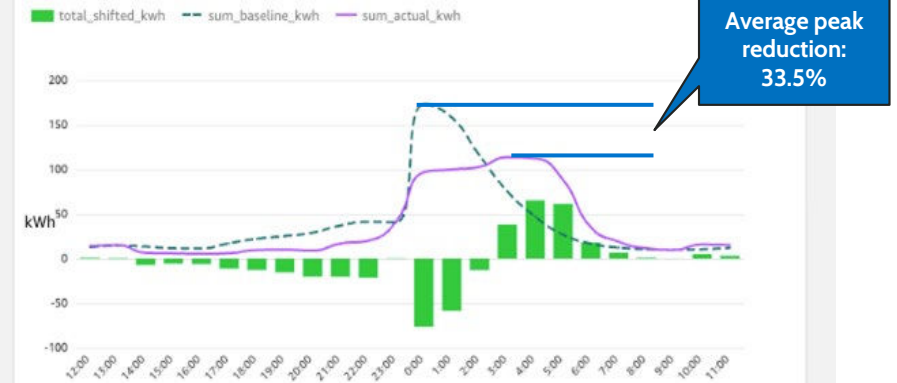


EV Flex Connect

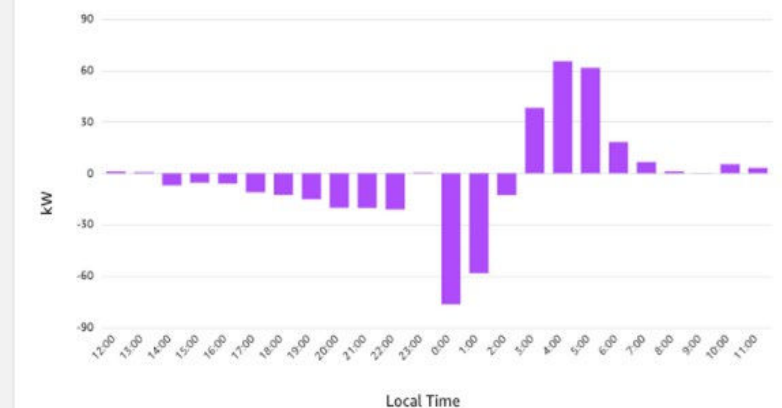
EV Flex Connect

- Residential managed charging (V1G) pilot launched in February 2025
- \$50 enrollment incentive and \$5 monthly participation incentive
- Focus on daily optimization of customer charging schedules and reduction of the secondary peak
- Goal to understand how V1G strategies can reduce customer costs and decrease electrical grid strain

Avg Total Energy Shifted (kWh) by Hour (Noon to Noon)



Avg Max Power (kW) Shifted by Hour (Noon to Noon)



CHARGE UP California Energy Commission Project



CHARGE UP CEC Project

- ~\$700,000 grant awarded to Community Power and Pacific Northwest National Laboratory (PNNL) for the Charging Harmonization and Analysis for Resilient, Grid-Efficient Utilization and Planning (CHARGE UP) project.
 - PNNL funded as the technical analysis lead.
 - Optiwatt and SDG&E are unfunded project partners.
- Project leverages EV Flex Connect Pilot data in analysis.



System Actors

Community Power

purchases electricity from renewable sources.



SDG&E

delivers power and manages services.



You

enjoy cleaner power at competitive rates.





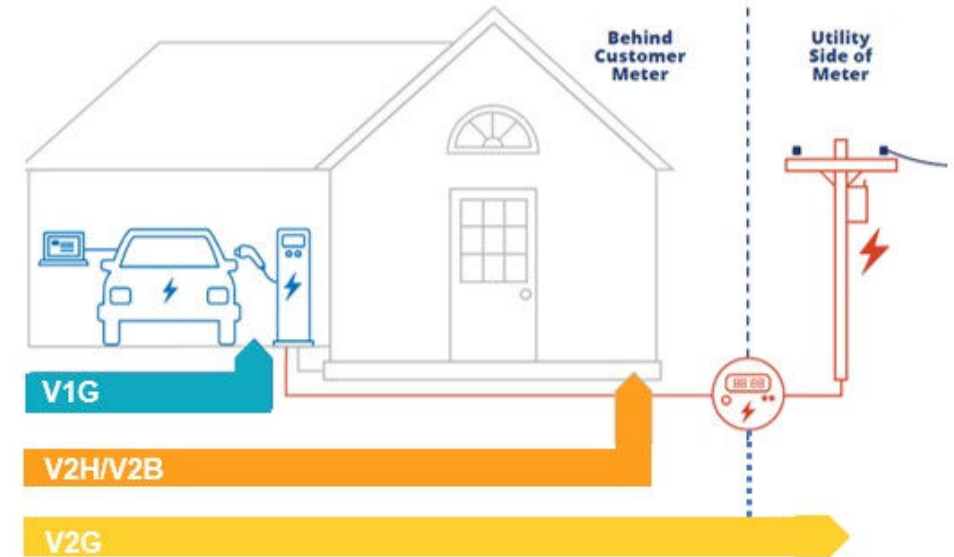
CHARGE UP Project Goals

- Evaluate V1G use cases
- Document co-optimization opportunities and limitations
- Assess customer behavior impacts
- Develop analytical frameworks to assess operational value

Residential V2G Demonstration

Residential V2G Demonstration

- Two-year demonstration (2026 and 2027)
- Enroll approximately 60 participants
 - Separate AC and DC tranches
- Maximum of 100 event hours each year
 - 20–50 events per year, 2–3 hours per event
- Incentives
 - \$3,000 upfront incentive
 - Participation incentive is \$150 per kW, averaged across all event hours in a Program Year



V1G: Interconnection *not* required.

V2H/V2B: May require interconnection agreement.

V2G: Requires interconnection agreement.





Why does a residential V2G demonstration matter?

This demonstration will:

- Showcase the potential to realize substantial value from bidirectional EVs
 - Customer bill savings
 - Community Power operational savings
 - Renewable integration
- Build on the lessons learned from pilots and programs across the country
- Make Community Power a national thought leader in V2X programs



Public Comment on Item No. 9

Item No. 9

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Vehicle-Grid Integration Update

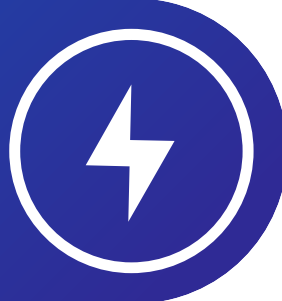


Recommendation:

Receive and file update on Community Power's Vehicle-Grid Integration strategy and initiatives.

Item No. 10

**Update on San Diego
Community Power's 2026
Integrated Resource Plan (IRP);
2025 Power Source Disclosure
& Power Content Label (PCL);
and 2026 Renewable Portfolio
Standard (RPS) Plan**



Recommendation:

Receive and file the update on San Diego Community Power's 2026 Integrated Resource Plan (IRP); 2025 Power Source Disclosure & Power Content Label (PCL); and 2026 Renewable Portfolio Standard (RPS) Plan.

Integrated Resource Plan (IRP)

- Due August 10, 2026
- The California Public Utilities Commission (CPUC) requires all load serving entities (LSEs) to file an IRP that will accomplish the following:
 - A. Meet the greenhouse gas (GHG) emissions reduction targets required by the state;
 - B. Procure at least 60% eligible renewable energy resources by December 31, 2030;
 - C. Serve customers with just and reasonable rates;
 - D. Minimize impacts on ratepayers' bills;
 - E. Ensure system and local reliability;
 - F. Maintain at least 65% of its Renewable Portfolio Standard ("RPS") portfolio from long-term contracts;
 - G. Strengthen the diversity, sustainability, and resilience of the bulk transmission and distribution systems, and local communities;
 - H. Enhance distribution systems and demand-side energy management;
 - I. Minimize localized air pollutants and other greenhouse gas emissions, with early priority on disadvantaged communities; and
 - J. Maintain a diverse portfolio of energy resources, which may include eligible energy resources procured by the Department of Water Resources.
- Approved by the Board June 25, 2026, confirming the plan achieves:
 - Economic, reliability, environmental, security, and other benefits and performance characteristics that are consistent with the above listed requirements A-J;
 - A diversified procurement portfolio consisting of short-term, midterm, and long-term electricity, electricity-related, and demand reduction products; and
 - RA requirements consistent with Public Utilities Code Section 380.



Integrated Resource Plan (IRP)

- GHG Emission Targets

	2030	2035	2040	2045
Requirement	1.16	0.97	0.789	0.409
IRP Portfolio	0.96	0.67	0.42	0.401

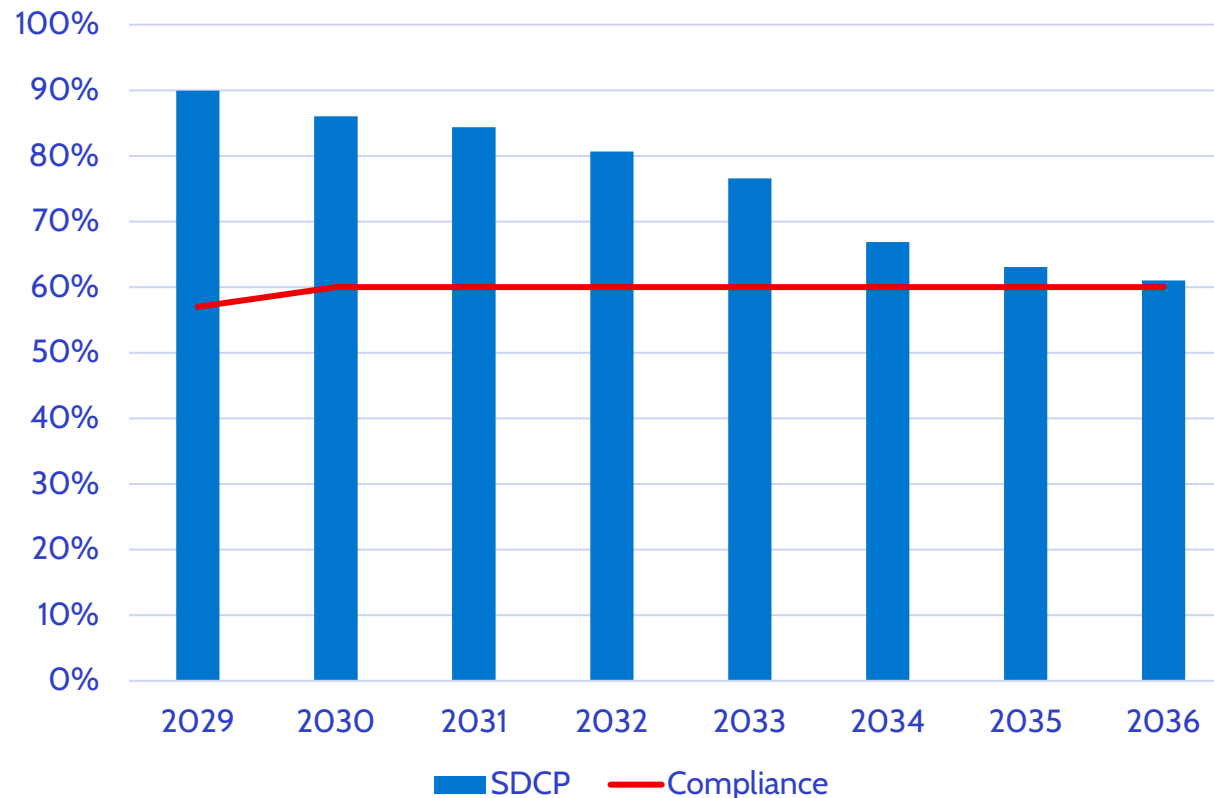
- Renewable Resources

	2030	2035	2040	2045
Requirement	60%	60%	60%	60%
IRP Portfolio	89%	100%	102%	105%



2026 RPS Plan (Draft)

- Submitted June 12, 2026
- The Commission requires Community Power to procure a certain percentage of its generated energy from renewable resources, and that amount increases over time to reach 60% renewable for 2030 and beyond.
- 2026 RPS Plan demonstrates that current Community Power renewable contracts, factoring in risk-adjusted deliveries and failure rates maintains RPS compliance



2025 Power Source Disclosure and Power Content Label (Draft)

- Going to BOD August 27, 2026 for review
- Power Source Disclosure (PSD) was submitted in July 2026
 - Once approved, PSD values will result in a final Power Content Label (PCL)
 - PCL will be sent to Community Power customers no later than January 31, 2027

2025 PCL Data*					
Emissions, Power Sources, Unbundled RECs	Power100 G+	Power100	PowerOn	PowerBase	Total Loss-Adjusted Load
Retail Sales and Loss-Adjusted Load	1,188	554,280	6,941,060	99,298	7,962,007
GHG Emissions Intensity (lbs CO ₂ e/MWh)	0	0	442	672	437
■ Renewables and Zero-Carbon Resources	100%	100%	60%	47%	59%
■ Fossil Fuels	0%	0%	40%	53%	41%
Biomass & Biogas	0%	0%	7%	35%	7%
Geothermal	0%	0%	0%	0%	0%
Eligible Hydroelectric	0%	0%	0%	0%	0%
Solar	50%	50%	32%	0%	32%
Wind	50%	50%	12%	12%	14%
RPS Eligible Renewables - Subtotal	100%	100%	52%	47%	53%
Large Hydroelectric	0%	0%	0%	0%	0%
Nuclear	0%	0%	8%	0%	7%
Emerging Technologies	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%
Natural Gas	0%	0%	0%	0%	0%
Coal & Petroleum	0%	0%	0%	0%	0%
Unspecified Power - Total	0%	0%	40%	53%	41%
Retail Sales Covered by Retired Unbundled RECs	0%	0%	4%	0%	-
*NOTE: The figures above are preliminary.					



Public Comment on Item No. 10

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Committee Members Comments or Questions

Update on San Diego
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(IRP); 2025 Power Source
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Item No. 11

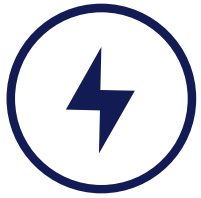
San Diego Community Power Data Center Load Integration Guidelines



Recommendation:

Recommend Board approval of the **Data Center Load Integration Guidelines**, a working framework to guide San Diego Community Power's (Community Power) engagement with data center electrical loads defined as high-density, non-interruptible, near-constant electric load, typically 20+ megawatts (MW), requiring dedicated long-term capacity planning.

Why these guidelines are needed



Rising Energy Demand

Data centers are a growing driver of electricity demand, accelerate load growth and increase pressure on grid reliability, clean energy targets and customer costs



Scale & System Impacts

Large projects (20+ MW) require significant system planning, long-term energy procurement and resource adequacy needs, and coordination with SDG&E and grid operators



Customer & Community Protection

Community Power is taking a proactive approach to mitigating risks such as cost-shifts to existing customers without clear policy or potential disproportionate impacts on communities of concern



A Guardrail Framework

- Provides a structured approach to evaluate impacts and guide decision-making
- Establishes clear guardrails for engagement, policy development and potential commercial considerations
- Does not approve specific projects and carries no immediate fiscal impact
- Designed to evolve over time
- Supports member agencies by informing local permitting processes through Community Power expertise

Ratepayer Protection

- **1.1 Full Cost Responsibility**

Data Center load customers bear their own procurement costs, integration costs, resource adequacy obligations, and administrative overhead. No cross-subsidization

- **1.2 Financial Assurance and Stress-Tested Economics to ensure, at minimum, Customer Indifference**

Various scenarios will evaluate reasonably foreseeable risks – including lower-than-forecast load, delayed start, and early termination – and confirm recovery of all incremental procurement, hedging, capacity, and infrastructure costs

- **1.3 Stress-Tested Financial Modeling**

Every deal must pencil under adverse scenarios, not just optimistic projections

- **1.4 Transmission & Delivery Cost Protection**

Work with the Investor Owned Utility for assurance that the transmission & delivery infrastructure costs for Data Center service will be directly assigned to the customers driving the load, not socialized across all distribution ratepayers



Community Benefit & Opportunity

- **2.1 Economic Development**

Data Center load customers shall contribute to local economic growth: jobs, tax revenue, infrastructure investment, and workforce development tied to the San Diego region.

- **2.2 Environmental Justice**

Data Center customers should mitigate to the extent feasible environmental impacts including water consumption, noise and air quality impacts and it should not impose a disproportionate impact on disadvantaged communities.

- **2.3 Community Engagement**

Siting and development processes should include transparent, meaningful engagement with affected communities before commitments are made.

- **2.4 Net Benefit Test**

Quantifiable benefits must demonstrably exceed commodity costs. This is a threshold requirement, not an aspiration.



Clean Energy & Supply Responsibility

- **3.1 Dedicated Supply Portfolio**

Community Power will assemble a dedicated supply portfolio for Data Center load service which may include contracted generation, storage, system power, and restructured portfolio resources.

- **3.2 Clean Energy Options**

Community Power shall offer Data Center customers options ranging from standard clean energy supply to enhanced procurement that may include new renewable resources.

- **3.3 Grid Reliability Coordination**

Data Center load service must not degrade reliability or resilience for existing customers. Coordination with the transmission and distribution provider is required to understand the impacts.

- **3.4 Load Flexibility**

Community Power should explore whether Data Center customers can provide demand response or load flexibility that supports grid stability.



Financial Assurance & Risk Management

- **4.1 Credit Support Calibrated to Project Phase**

Security requirements should scale with project maturity, with appropriate instruments at each stage — lighter requirements pre-permit, heavier during construction, reduced post-COD based on performance.

- **4.2 Menu of Credit Instruments**

A defined set of acceptable credit tools allowing flexibility while maintaining rigor: collateral, parent guarantees, performance bonds, milestone-based deposits, and minimum demand charges.

- **4.3 Minimum Contract Terms**

Data Center load service agreements should have a term floor when relying on long-duration procurement commitments Community Power makes (e.g., 15 years) on their behalf.

- **4.4 Exit and Off-Ramp Provisions**

Defined consequences when a Data Center underperforms, fails to meet commitments, or ceases operations. Includes early termination fees and take-or-pay provisions.



Transparency and Governance

- **5.1 Board Reporting**

Regular, structured reporting to the Community Power's Board on the Data Center pipeline, portfolio exposure, performance against principles, and risk metrics.

- **5.2 Principles Evolution and Review**

These principles are expected to evolve. Community Power staff will evaluate the need for ongoing adjustments and will return to the Board to update the framework based on market developments, regulatory changes, and lessons from initial deals as needed.

- **5.3 Regulatory Engagement**

Active participation in CPUC, CAISO, and legislative proceedings that affect CCA Data Center service, including SB 57 implementation, any SDG&E Rule 30 equivalent, and IRP procurement requirements.

- **5.4 Community Choice Aggregation Jurisdictional Protection**

Monitor and defend CCA's role as the commodity provider for new Data Centers in CCA service territory.

- **5.5 Stakeholder Communication**

Maintain a clear position on Data Center policy that developers, community members, and regulators can reference.





Community Power's Influence

- Authority is shared across multiple entities, including local permitting agencies and San Diego Gas & Electric
- Community Power's role is to advocate for ratepayers and communities within this broader landscape
- The Board retains discretion over whether to serve large data center loads
- Local permitting decisions may still proceed independently of Community Power's position
- Guidelines are intended to strengthen Community Power's influence, even where direct authority is limited





Next Steps

- Community Advisory Committee feedback
- Board of Directors feedback
- Revisions to the guidelines
- Return to stakeholders for feedback
- Community Advisory Committee recommendation on Board adoption
- Potential Board adoption of guidelines



Public Comment on Item No. 11

Item No. 11

Committee Members Comments or Questions

San Diego Community Power
Data Center Load Integration
Guidelines



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Discussion of Potential Agenda Items for Board of Directors Meetings

Committee Member Announcements

Adjournment



Next Regular Community Advisory Committee Meeting September 10, 2026

CustomerService@SDCommunityPower.org