

# CALIFORNIA **COMMUNITY POWER**

2025 Scheduling Coordinator and Storage Optimization  
Vendor

Request for Proposals Instructions

June 23, 2025

*California Community Power Request for Proposals for Scheduling Coordinator and Storage Optimization Vendor Services*

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## 1. Objective

California Community Power (“CC Power”) is seeking proposals (“Proposals”) from qualified service providers (individually, a “Respondent” and collectively, “Respondents”) to provide scheduling coordinator (“SC”) and/or storage optimization vendor (“OV”) services. Certain of CC Power’s member community choice aggregators (“CCAs”), the “Members”, may wish to either leverage CC Power’s Request for Proposals (“RFP”) responses to (i) enter into their own contract(s) with an SC and/or OV, or (ii) to enter into a “master” agreement structure that contemplates bulk pricing discounts for the addition of Members into an agreement between CC Power and the SC and/or OV services provider(s). Interested Respondents shall submit their Proposal to [solicitations@cacommunitypower.org](mailto:solicitations@cacommunitypower.org) by no later than 9 PM Pacific Time on July 25, 2025.

## 2. Background

CC Power is a joint powers authority that is comprised of nine (9) CCAs that was formed for the purpose of developing, acquiring, constructing, owning, managing, contracting for, engaging in, or financing electric energy generation and storage projects, and for other purposes. The Members make up approximately 12% of the CAISO’s electricity load and represent the interests of their local communities in acquiring renewable energy and serving their electricity generation and procurement requirements. Today, CC Power has four (4) contracts in its portfolio, composed of two (2) energy storage service agreements for long-duration (8-hour) lithium-ion battery storage, totaling 125 MW / 1,000 MWh and two (2) geothermal renewable power purchase agreements totaling up to 138 MW. CC Power is engaged in additional active procurement activities to advance its members’ procurement of incremental long duration

storage, geothermal, and large out-of-state or offshore wind resources, among other potential procurement targets.

CC Power's first resource to achieve commercial operations will be the 75 MW / 600 MWh Tumbleweed long duration, lithium-ion battery storage project, located in Kern County and interconnected within the CAISO to the Southern California Edison transmission system, which is expected to achieve a commercial operation date of April 15, 2026. CC Power has formed an Operations Advisory Subcommittee ("OAS") composed of its seven (7) Member project participants to oversee the transition of the asset into operations, and to inform CC Power's procurement and oversight of SC and OV services to support the market operations of Tumbleweed.

Following Tumbleweed, CC Power expects several geothermal resources to come online between 2027 and 2028 for which it may be responsible for the SC duties for certain in-state resources, and, with respect to resources outside of the CAISO for which CC Power does not have SC responsibilities, which it would like to have its SC perform CAISO settlements validation to ensure appropriate payments are made for the value of the energy sold by the project developer or their SC. The ex-CAISO resources are generally required to deliver power to a CAISO intertie for delivery of Portfolio Content Category ("PCC") 1 renewable energy credits ("RECs") and resource adequacy ("RA") capacity, and monetization of the energy at the intertie's locational marginal price ("LMP") node.

By the 2030-31 timeframe, CC Power may have additional intra-CAISO compressed air storage and/or pumped hydroelectric long duration storage resources and out-of-state wind resources in its portfolio, along with other potential resources as determined by procurement targets set by its members, for which it may or may not have SC responsibilities. At the minimum, if CC Power does not have the SC responsibility, it will want to have CAISO settlement validations completed for these resources. If CC Power does have SC responsibilities, it may want to consider how to manage the complexity of a long duration storage resource that may have up to multiple days' worth of energy storage capacity. Additionally, for out-of-state wind resources, it may wish to have the SC support procurement of firm transmission rights, wheeling power from the resource to a CAISO intertie, and assist in the efficient management of such transmission and the disposition of unneeded transmission rights, as applicable.

Should any CC Power Members wish to join CC Power in contracting with an SC or OV services provider, such Members may have their own portfolios composed of solar, wind, geothermal, hydroelectric, battery energy storage, thermal generation, microgrids, and other resources for which the Member has SC responsibilities, which may be in- or out-of-state resources.

### 3. RFP Timeline

| Description                           | Deadline                    |
|---------------------------------------|-----------------------------|
| RFP released                          | June 23, 2025               |
| Deadline for questions                | July 3, 2025                |
| Responses to questions to be provided | July 15, 2025               |
| RFP proposals due                     | July 25, 2025               |
| Evaluation period                     | July 28 – August 8, 2025    |
| Shortlist meetings                    | August 11 – August 15, 2025 |
| Notice of intent to award contract    | August 29, 2025             |
| Contract negotiations                 | September – October, 2025   |
| Contract execution                    | Target by October 22, 2025  |

### 4. Questions and Responses

All questions, requests, and other inquiries or communications from or on behalf of Respondent to CC Power about this RFP must be directed in email to [solicitations@cacommunitypower.org](mailto:solicitations@cacommunitypower.org) in accordance with the timeline provided above.

### 5. Scope of Work

CC Power is seeking a qualified SC and an Energy Storage System (“ESS”) Optimization Vendor to initially manage market participation, maximize value, ensure compliance, and optimize asset performance of the Tumbleweed 8-hour lithium ion battery energy storage resource, with plans to expand the scope for future resources commencing operations within CC Power’s portfolio. Vendors are encouraged to respond to whichever portion of services they offer, even if they are not able to offer all services outlined in the Scope of Work. CC Power has a preference to leverage an SC with in-house or existing integrated OV capabilities but is open to Proposals by Respondents who may provide only one or the other service.

The scope of these services is divided into the following:

#### **Scheduling Coordinator:**

Market Registration:

- As applicable, coordinate with the resource owner for the registration of the power project with the California Independent System Operator (“CAISO”), navigating the New Resource Implementation process and establishing telemetry and other requirements for market participation and scheduling of the resource.
- Transfer the project, as applicable, from the existing SC to CC Power’s SC portfolio.
- Resource Data Template (“RDT”) population and management

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- Establish an SCID specific to the resources in CC Power's portfolio

Operations:

- 24/7 asset monitoring
  - o SCADA configuration and monitoring
  - o Alarm monitoring and management
  - o Respond to dispatch and curtailment instructions and coordinate with resource operator to comply with such instructions
  - o Support RTU, IED and PLC protocols
  - o Facilitate exceptional event and emergency response, and restoration of operations with resource operator
- NERC Operator Certified and compliant control center
- Maintain updated outage schedules
- Coordinate maintenance outages with Regional Transmission Operators ("RTOs"), Balancing Authorities and Operations and Maintenance personnel
- Facilitate all unit and meter testing and performance verifications, performing all required communications with RTOs, Balancing Authorities and resource Operations and Maintenance personnel

Energy Management:

- Bid and offer management according to developed trading strategy or updated input from CC Power and OAS
  - o Energy Trading Risk Management Software with access available to CC Power and OAS
- Access to markets 24 hours a day, 7 days a week
- Scheduling and bidding:
  - o Manage unit commitment, dispatch, and provision of ancillary services in the real-time and day-ahead markets.
  - o Track and store award history
  - o Access to and use of agreed upon forecasts (weather, price, load, etc.) and ensure availability to CC Power via API or agreed upon method.

Resource Adequacy ("RA"):

- File RA supply plan(s) with CAISO, as applicable
- Confirm resource Net Qualifying Capacity ("NQC") and ensure its delivery on the RA supply plan
- Facilitate RA plan showings between project developer/owner and CC Power Members or their transaction counterparties
- Secure substitution capacity, as needed

**Develop Trading Strategies:**

- Advise upon and develop trading strategies in conjunction with OAS and CC Power that address the following:
  - Offer curve strategy (energy and ancillary services)
    - ♣ Optimization between Day-Ahead and Real-Time markets
    - ♣ Neighboring and other RTO markets
  - Self-commitment of the Resource
  - Capacity/RA Transactions
  - Hedging transactions:
    - ♣ Day-ahead, weekly, monthly, seasonal
    - ♣ Physical or financially settled
    - ♣ Liquidation at LMP points and trading hubs
    - ♣ Basis hedges
  - Congestion Revenue Rights (“CRR”):
    - ♣ Recommend CRR nominations and auction strategy, congestion forecasting methodologies, models and/or resources used to make these recommendations.

**Congestion Revenue Rights:**

- Manage annual and monthly CRR auction process. Consult with CC Power and OAS to participate in selling CRR auction transactions to achieve hedging goals. Prepare and submit CRR auction offers, and bids.

**Settlements:**

- CAISO settlement validation, including validating all CAISO invoices
  - CAISO shadow settlements including daily shadow settlement calculations for discrepancies.
  - Weekly and monthly validation reports detailing CAISO charges and credits by applicable charge codes and recommendations for disputes.
- Monthly settlements analysis including revenue, costs, penalties, and discrepancies
- Meter data: ensure timely and accurate submission of meter data to CAISO
  - Identify and resolve meter discrepancies
- Dispute resolution: Make recommendations on CAISO settlements errors, and as appropriate, file a dispute with CAISO pursuant to the CAISO Tariff and take further appeals or actions as needed.
- Deal capture:
  - Record all executed contracts for all product types (energy, RECs, RA, etc.) into a system of record.
  - Ensure accurate deal entry and support CC Power and OAS in verifying contracts in the system as requested.

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- o Grant CC Power and OAS access to the contract information and transaction data through an API, a user interface, and daily report in an agreed upon format.
- Ad hoc settlements analysis for third party resources

**Analytics and Reporting:**

- Data storage: All CAISO data, contract data and related supplier data, and any other data utilized must be available for CC Power and OAS project participants to retrieve on demand via API or by accessing a backend database.
- After-the-fact analysis of forecast accuracy, bidding strategies, transmission procurement and management, and other market strategies
  - o Profit and loss analysis
- Shadow settlement reporting
- Data visualization and user interface capabilities for customer
- Reporting:
  - o Regular reporting (daily, weekly, and monthly) on the performance and availability of the resources and CAISO market activity, including hourly day ahead and real time generation volumes and prices, settlement validation reports, monthly charge/credit reports, and market performance.
  - o On-demand custom reports to be used for resource monitoring and settlement purposes.
  - o Compliance Reporting

**Other:**

- Risk reporting and evaluation
  - o Mark-to-Market validation
- Support compliance reporting with CAISO, WECC and NERC
- Advise upon impacts of CAISO market policy and market changes
  - o Attend CAISO meetings
  - o Analyze CAISO policy trends and activities and report to CC Power

**Scheduling coordinator is expected to deliver the following deliverables:**

- Market registration documentation.
- Weekly and monthly operational reports.
- Monthly market condition forecast reports
- Monthly settlements and reconciliation statements.
- Annual performance summary and strategic review.
- Real-time dashboard.

## **Optimization Vendor:**

### Operations:

- Storage State-of-Charge Management
- ESS optimization
  - o Price forecasting for various energy storage resources' energy and ancillary services products
  - o Define certain optimization objectives and corresponding market strategies (e.g., maximizing resource economics, minimizing greenhouse gas emissions, achieving 24x7 clean energy targets, etc.)
  - o Optimize asset bidding across various products to achieve OAS's pre-defined, targeted objectives
  - o Remotely control and adjust charging and discharging patterns, set performance parameters, and respond to real-time grid conditions
  - o Set protection limits at the point of interconnection ("POI") to control the flow of energy based on the resource operating restrictions
  - o Optimize grid performance with voltage and frequency stabilization
  - o Use predictive insights to maximize the lifespan of the asset (round-trip efficiency, degradation).
- Facilitate stand-alone storage, hybrid renewable and storage assets, and/or co-located renewable and storage assets.

### Analytics and Reporting:

- Data storage: Performance data must be available for CC Power and OAS project participants to retrieve on demand via API or by accessing a backend database.
- Reports on battery health, degradation, round trip efficiency and other operational metrics

Optimization Vendor is expected to deliver the following deliverables:

- Weekly operational and market after-the-fact performance reports
- Monthly strategy update recommendations
- Annual performance summary

## **6. Proposal Format and Contents**

This section outlines the content and format requirements for all proposals submitted in response to this RFP. Respondents are asked to provide the requested information to the best of their ability and to the extent possible in each section below. If the information cannot be provided, please put "N/A" under each section heading. All responses shall be submitted to [solicitations@cacommunitypower.org](mailto:solicitations@cacommunitypower.org) in PDF format by 9 PM Pacific Time on July 25, 2025.



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Section 1: Executive Summary

Section 2: Respondent Information including company name, location, history, partners / affiliates / parent(s), existing customers, experience (CAISO, BESS, etc.). For OV providers without in-house SC capabilities, please indicate any partnerships with SCs that are already in place and may be utilized without any new functionality buildout or integration required with the SC to implement optimization services (aside from new customer-related onboarding).

Section 3: Services description, including all items outlined in the requested Scope of Work that respondent is capable of providing services for, and what sorts of generation and storage resources are currently managed, along with any unique or value-creating processes used in managing such resources.

Section 4: Description of tools and software used (Energy Trading Risk Management Software, optimization software, forecasting software, or other) to perform services and expectations for connection and use by CC Power

Section 5: Any key performance indicator metrics used by SC and/or OV for evaluation of SC's and/or OV's performance that can be shared to demonstrate value created, dispute costs recovered, precision, performance, or otherwise that may distinguish service provider's capabilities from peers.

Section 6: Costs, to be provided in the table format below, as applicable.

CC Power is seeking pricing for Tumbleweed as well as two additional example resources summarized below:

Resource 1 - 75MW/8hr Tumbleweed BESS

Resource 2 - 100MW PV & 200MW/4hr BESS Hybrid or \$/MW & \$/kW-mo equivalent

Resource 3 - 50MW Geothermal Resource or \$/MW equivalent

| Category  | Cost – Resource 1 | Cost – Resource 2 | Cost – Resource 3 | Notes |
|---|-------------------|-------------------|-------------------|-------|
| SC Implementation Fee (Including Market Registration) |                   |                   |                   |       |
| SC Monthly Fees:                                      |                   |                   |                   |       |
| <i>Operations</i>                                     |                   |                   |                   |       |
| <i>Energy Management</i>                              |                   |                   |                   |       |

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|  |  |  |  |  |
|--|--|--|--|--|
| <i>Settlements</i>   |  |  |  |  |
| <i>RA</i>  |  |  |  |  |
| <i>CRRs</i>  |  |  |  |  |
| Trading Strategy Development   |  |  |  |  |
| Analytics and Reporting  |  |  |  |  |
| Other (describe in detail)   |  |  |  |  |
| OV Implementation Fee  |  |  |  |  |
| OV Monthly Fee - Operations  |  |  |  |  |
| Analytics and Reporting  |  |  |  |  |
| Annual Escalation  |  |  |  |  |
| Incremental change with additional assets/capacity                           |  |  |  |  |
| Bulk discounts for addition of incremental CC Power Members and/or resources |  |  |  |  |

CC Power is seeking a fee for service approach for services performed and is not open to a revenue sharing model at this time.

## 7. Term

Services under this RFP shall commence on January 1, 2026, or as appropriate to onboard the Tumbleweed resource for an April 15, 2026 commercial operation date, and shall remain in effect for an initial term of three (3) years from the agreement’s effective date, unless terminated earlier in accordance with the language in the agreement. The term may be extended upon mutual written agreement by both parties.

## 8. Evaluation Process and Criteria

CC Power will evaluate RFP responses based on completeness of responses in each of the sections in Section 6 of these RFP Instructions. Submissions will be evaluated using the scoring metrics summarized below. Successful Respondents will be notified via the [solicitations@cacommunitypower.org](mailto:solicitations@cacommunitypower.org) email address that they have been selected for shortlist meetings.

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| <b>Metric</b>                          | <b>Description</b>  |
|--|---|
| <b>Company Experience</b>              | Experience (years, # of customers, etc.): total, in CAISO, with BESS, with other technologies.                      |
| <b>Business Continuity</b>             | Redundant Connectivity/Infrastructure, Near real-time replication, backup generator, uptime                         |
| <b>Communication and Data Transfer</b> | Energy Trading Risk Management software used (or equivalent), method of use and integration, access and setup, etc. |
| <b>Services</b>                        | Ability to offer services requested in the Scope of Work, including BESS Optimization.                              |
| <b>Costs</b>                           | Costs presented in Section 6.   |

## 9. Confidentiality

All documents submitted in response to this RFP will become the property of CC Power upon submittal. CC Power may be required to disclose information received pursuant to this RFP in accordance with requirements of the Ralph M. Brown Act or the California Public Records Act (“CPRA”). Upon submission, all proposals shall be treated as confidential until the selection process is completed. Once the selection process is complete, all proposals shall be deemed public record.

Exceptions to disclosure may be available to those parts or portions of proposals that are justifiably and reasonably defined as business or trade secrets, and plainly marked by Respondents as “Trade Secret”, “Confidential”, or “Proprietary”. CC Power will endeavor to protect any such marked information to the extent permitted under the CPRA. However, CC Power shall not, in any way, be liable or responsible for the disclosure of any such record or any parts thereof, if disclosure is required or permitted under the CPRA or otherwise by law.

In the event CC Power receives a CPRA request for any of the aforementioned documents, information, books, records, and/or contents of a proposal marked "Confidential", "Trade Secrets", or "Proprietary", CC Power will notify the Respondent as soon as practical that such request has been made. The Respondent shall be solely responsible for taking whatever legal steps are necessary to protect information deemed by it to be confidential information and to prevent the release of such information to the person or entity that made the CPRA request. If the Respondent takes no such action after receiving the foregoing notice from CC Power, CC Power shall be permitted to comply with the CPRA request and is not required to defend against it. Respondents agree to defend and indemnify CC Power from all costs and expenses, including reasonable attorneys' fees, incurred in connection with any action, proceedings, or liability arising in connection with the CPRA request.

A blanket statement of confidentiality or the marking of each page of the proposal as confidential shall not be deemed sufficient notice of a CPRA exemption, and a Respondent who indiscriminately and without justification identifies most or all its proposal as exempt from disclosure or submits a redacted copy may be deemed non-responsive.

## **10.Disclaimer**

The information contained in this RFP has been prepared solely to assist prospective Respondents in making the decision of whether or not to submit a proposal. CC Power does not purport this information to be all-inclusive or to contain all of the information that a prospective Respondent may need to consider in order to submit a proposal. Neither CC Power nor its employees, officers, consultants, nor members will make, or will be deemed to have made, any current or future representation, promise or warranty, express or implied, as to the accuracy, reliability, or completeness of the information contained herein, or in any document or information made available to a Respondent, whether or not the aforementioned parties know or should have known of any errors or omissions, or were responsible for its inclusion in, or omission from, this document.

By participating in this RFP process, a Respondent acknowledges that it has read, understands, and agrees to the terms and conditions set forth in these RFP Instructions. CC Power reserves the right to reject any proposal that does not comply with the requirements identified herein, or to waive irregularities, if any.

CC Power further reserves the right to communicate with individual Respondents to ask clarifying questions about their proposals prior to making a short-listing decision. Furthermore, CC Power may, at its sole discretion and without notice, modify, suspend, or terminate the RFP without liability to any organization or individual. Any modification to this RFP will be made by addendum. This RFP does not constitute an offer to buy or create an obligation for CC Power to enter into an agreement with any party, and CC Power shall not be bound by the terms of any offer or proposal until an agreement has been fully executed. CC Power may negotiate and execute contracts with different Respondents on differing timelines. If selected, a Respondent may be invited to enter into a contract with CC Power. Where negotiations do not result in mutually agreeable terms, CC Power may choose not to execute a contract with the Respondent. CC Power shall not be responsible for any of the Respondent's costs incurred to prepare, submit, negotiate, or to enter into an agreement, or for any other activity related to meeting the requirements established in this solicitation. All submittals shall become the property of CC Power and will not be returned.

CC Power has no obligation to reimburse, compensate, or otherwise pay the costs incurred by Respondents to this RFP in evaluating its contents, providing a response, or, if selected by CC Power, negotiating, delivering and executing any definitive agreements that arise from this RFP. Respondents to this RFP are solely responsible for all costs incurred by them when evaluating

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and responding to this document, and any negotiation of costs incurred by the Respondent thereafter. CC Power may, in its sole discretion and without limitation, refuse to accept any and all proposals and to evaluate proposals and proceed in the manner it deems appropriate, which may include deviations from the expected evaluation process, the waiver of any requirements, and the request for additional information. Rejected Respondents will have no claim whatsoever against CC Power nor its employees, officers, consultants, nor members.

While the intent of this RFP is to secure an agreement for SC and/or OV services for CC Power and its power resource portfolio, each CC Power Member reserves the right to independently leverage the resulting agreement to procure services that meet their own individual requirements, as long as such services fall within the general scope of this RFP. Task orders, or service requests may be issued separately by individual Members, and the scope, timing, and funding of those efforts may vary according to each Member's operational needs and priorities.