RFP 25-009
Load Forecasting & Scheduling Coordinator Services
Q&A Responses
Revised August 7, 2025

RFP CATEGORY A – Load Forecasting Services

Q1. (Task 1) Are there any specific guidelines around the weekly forecast error report? What types of metrics would need to be included?

Response:
No, there are no specific guidelines regarding the weekly forecast error report. Community Power is interested in hourly granularity and metrics such as Mean Absolute Error (MAE), Mean Absolute Percentage Error (MAPE), and Weighted Mean Absolute Percentage Error (WMAPE). Community Power also appreciates inclusion of relevant day-ahead and real-time Locational Marginal Prices (LMP) for indication of financial impact of forecast delta to actual.

Q2. (Task 2) Does San Diego use Calpine for meter data mgmt?

Response:
Yes, Calpine is Community Power's data manager vendor for all aspects of customer meter data.

Q3. (Task 1) As part of the evaluation process for Task 1 (Category A), will there be a trial or pilot phase to assess the service under operational conditions? We support including this as part of the RFP process, as it helps provide a complete picture of the proposed service and ensures there are no loose ends.

Response:
Community Power will not conduct a trial or pilot phase prior to the award of Category A, Task 1. The selected vendor's performance will be evaluated against Community Power's internal short-term models. Community Power will evaluate the selected vendor's first 90-day forecast performance against current and internal short-term models. Community Power reserves the right to terminate the agreement, in accordance with the negotiated agreement. Please refer to Community Power's Sample Agreement, Section 5.1, Termination of Agreement.

Q4. Section A 1.1.3 indicates that load forecasts are expected aggregate consumption. Can you confirm you are not looking for load forecasts by customer class?

Response:
Correct, daily outputs of short-term forecasts for hourly loads must be an aggregate value. However, Community Power does highly value, and is interested in, receiving the underlying forecasts that feed the aggregate, as available. Ideally, Community Power is looking for bottom-up forecasting and triangulates with the system level forecast.

Q5. Section A 1 What delivery mechanism and format does SDCP want for the hourly load forecast?

Response:
Community Power prefers forecasts are made available through an Application Programming Interface (API), but will work with selected vendor to ensure delivery and format is acceptable to Community Power and Community Power's Scheduling Coordinator.

Q6. Will SDCP make available historical hourly load data? If yes, how far back does the data go?

Response:
Yes, Community Power will make available historical hourly load data. Community Power has aggregate hourly load data back to when Community Power first started providing service in 2021.

Q7. A.1.1 - Each day, the selected proposer will generate an hourly weather adjusted fourteen (14) day load forecast using historic consumption data for Community Power, which may be refreshed throughout the day upon request. How many times on an intra-day basis does SDCP typically request a refresh of the fourteen (14) day load forecast? How frequently will the recent historical load data be made available? How far back do you have actual load history? Is all historical load data provided in hourly granularity (from interval meter), or do you also have data in monthly granularity (from monthly meter)?

Response:
Currently, Community Power does not typically refresh intra-day regularly but is looking for the capability to refresh up to hourly, if needed.

Community Power has aggregate hourly load data back to inception, in 2021 and will provide recent historical load data as available. Recent ESQMD is currently available to selected vendor at T+8BD and recent ASQMD at T+52. All historical load data will be provided at hourly granularity.

Q8. A.1.2 - The selected proposer shall coordinate with Community Power's in-house load forecaster to develop the forecast and make available the data inputs. How will consumption data be shared with the selected proposer (SFTP, other), and in what file format will it be delivered (EDI, Flat File, Other)? How will historical load data be shared with the selected proposer (SFTP, other), and in what file format will it be delivered (EDI, Flat File, Other)? In what format does SDCP prefer to receive their Short-Term load forecast data?

Response:
Community Power will work with the selected vendor to deliver data in a format that is acceptable to both parties, and requests that the proposer include any formatting requirements or specifications they follow in their proposal submittal. Currently, historical load is transmitted daily from Community Power's data manager via SFTP. Community Power prefers forecasts are made available through an API, but will work with selected vendor to ensure format is acceptable to Community Power and Community Power's Scheduling Coordinator.

Q9. A.1.4 - The load forecast shall reflect weather forecasts from a minimum number of weather stations in San Diego County. Can you specify what weather stations you would like to be included? What is the "preferred" number of weather stations SDCP uses for its weather forecasts?

Response:
Community Power will not specify specific weather stations to be included but expects weather stations selected to be correlated with Community Power's load. Community Power reasonably expects a minimum of 4 weather stations will be used to capture weather patterns in Community Power's service area.

Community Power's member agencies include City of San Diego, Encinitas, La Mesa, National City, Chula Vista, Imperial Beach, and unincorporated San Diego.

Q10. A.1.5 - Note that Community Power does not have access to real-time supervisory contract and data acquisition ("SCADA") data and the provider will be required to use a combination of estimated settlement quality meter data ("ESQMD", T+8), actual settlement quality meter data ("ASQMD", T+48). How will ESQMD and ASQMD be provided, or will proposer be responsible for obtaining the data directly? If ESQMD and ASQMD is provided by a third party, on what cadence and what format will the data be provided?

Response:
ESQMD and ASQMD will be transmitted from Community Power's data manager, currently the task is completed via SFTP as data becomes available. Community Power will work with selected proposer to deliver data in a format acceptable to both parties.

Q11. A.1.6 - The selected proposer will provide weekly forecast error reports, including explanations and corrective actions for significant forecast deviations. Does SDCP prefer the weekly error report in aggregate or broken into various groupings? If various groupings such as rate class, etcetera, please specify. Please clarify the information that SDCP may want in the weekly error report, I.E. aggregated load forecasting accuracy, load forecasting by groups accuracy, cost analysis, etc.?

Response:
There are no specific guidelines regarding the weekly forecast error report, but Community Power prefers error reporting based on individual groupings, or models, that underline the aggregate total.

Q12. B.1.1.1 - Prepare and maintain Community Power customer and electric load forecasts including megawatt hours (MWh), megawatt (MW), monthly coincident peak MW, and hourly MW based on Community Power customer load profiles. Can you provide monthly churn rates, and confirm how frequently will those customer churn updates will be provided?

Response:
Community Power can provide updated numbers of customer accounts with SQMD.

Q13. B.1.1.2 - Load forecast at the following load granularities: Total load (retail and loss adjusted load (LAL)), load by customer class (retail and LAL), load by rate class (retail and LAL), retail on/off-peak and partial AM/PM, wholesale on/off-peak, coincident peak and coincident factor. Can you provide the segmentation used for customer classes? Can you provide the segmentation used for rate classes? Could you clarify what is meant by "partial AM/PM?" Could you clarify the difference between retail and wholesale on/off-peak?

Response:
Community Power customer classes are segmented into residential, small commercial, medium/large commercial, agricultural, lighting, and roughly follows SDG&E rate classes.

Additional detail is available at:
Residential Rates - San Diego Community Power
Commercial Rates - San Diego Community Power
Dynamic Load Profiles | San Diego Gas & Electric

"Retail on/off peak and partial AM/PM" meant retail, or customer, on/off peak time periods - which may or may not align with wholesale on/off peak time periods as defined by NERC.

Q14. B.1.2 - The selected proposer shall coordinate with Community Power's in-house load forecaster to develop the forecast and make available the data inputs. Does SDCP have preferred statistical tools they would like to use in their long-term forecasts?

Response:
Community Power has no preferred statistical tools at this time.

Q15. B.1.3 - The selected proposer shall update long-term forecasts as necessary to maintain accuracy, and no less than twice yearly. Community Power reviews forecast monthly and prefers forecasts updated quarterly. Do you expect any specific accuracy or forecast error reports to be provided, and if so, do they need to be delivered monthly? Do you have a specific forecast accuracy requirement such as a defined method or measurement or a target % of variance?

Response:

Community Power does not expect a forecast error report to be provided for the long-term forecasting services. However, Community Power does expect the selected proposer will monitor accuracy of load forecasts monthly and consider adjustments to such forecasts if observed variance exceeds threshold of 5% forecast error.

Q16. B.1.6 - Methodology: The load forecast should leverage customer load data, weather data, and other data sources to produce a load forecast that is reviewed monthly and updated as needed but not less than every six months. Could you elaborate on the "other data sources" referenced? Aside from customer load and weather data, are there any additional data sources you expect to be incorporated into the forecasting model/tool?

Response:

Historic customer load and weather data are the minimum required and expected data inputs. Other data sources can include relevant regional economic or demographic variables, or variables to account for behind-the-meter (BTM) load modifiers such as PV, storage, electrification, or EE/DR. If applicable, provide an overview of the methodology uses in estimating any adoption of new technologies over time.

Q17. (Attachment A-1, B Long-Term Load Forecasting Services) What is the required forecast horizon length for long-term forecasts?

Response:

The long-term forecast horizon should be a minimum of 15-yrs, or longer if required by the CEC or CPUC to meet future compliance reporting requirements.

Q18. (Attachment A-1, B Long-Term Load Forecasting Services) How many customer classes and rate classes does SDCP have that require long-term forecasts? I.e., what is the total number of deliverable long-term forecasts to meet the requirements of the RFP?

Response:

Community Power is looking for bottom-up forecasting and triangulating it with system level forecasts. The total number of deliverable long-term forecasts is not set, but Community Power is interested in receiving the underlying forecasts that feed the aggregate. Community Power customer classes roughly follow SDG&E rate classes. Additional details are available at:

Residential Rates - San Diego Community Power
Commercial Rates - San Diego Community Power
Dynamic Load Profiles | San Diego Gas & Electric

RFP CATEGORY B – Scheduling Agent and Energy Storage Optimization Services

Q19. Does the Scheduling Coordinator Services include the management of Congestion Revenue Rights (CRRs)?

Response:
Scheduling Coordinator Services and CRR Services are separate tasks in Category B that may be awarded together or separately. Please refer to Attachments A and A-2 for the detailed scope of work for Category B.

Q20. (Task 2) Is there the possibility of contracting early for this specific task in order to assist with the 2026 Annual CRR Allocation?

Response:
No. The RFP schedule remains as advertised.

ALL RFP CATEGORIES

Q21. Attachment D, Conflicts of Interest - Proposer must identify any potential conflicts of interest with other current or former clients, including, but not limited to, Sempra Energy, San Diego Gas & Electric (SDG&E), and affiliates thereof, and how they expect to resolve those conflicts.). In reviewing the Conflict-of-interest policy documentation on the SDCP website, it's not clear what would constitute a conflict of interest as it relates to SDG&E. Could you please elaborate?

Response:
A conflict of interest could exist if a potential vendor, or the personnel assigned to the agreement, has a financial interest or a professional relationship that may affect their ability to perform in the best interests of Community Power. For instance, the vendor, or their personnel, may own stock in a competitor that is above legal thresholds, or a close family member may be employed by a competitor. In addition, a conflict could exist if the potential vendor has professional agreements with a competitor, with competing

interests in the work being performed under the agreement, or where the duty of confidentiality may be difficult to maintain.

Q22. What types of edits are allowed in your services agreement?

Response:
Please refer to RFP Section VI.E.1, Exceptions Certification to this RFP.

Q23. Are you looking for one prime or multiple vendors?

Response:
Community Power is open to multiple vendors. Proposers are not required to propose on all tasks or Categories. Please refer to Attachment A, Scope of Work, for Notes to Proposers.

Q24. VI.B Content and Format of Proposal - If proposer is submitting a response for both Categories A and B, should the proposal be consolidated into a single PDF document or submitted separately?

Response:
Please refer to the RFP Section V and Section VI.B. Please also refer to Attachment A and Attachment C.