

ITB 26-006
FOR EVALUATION, MEASUREMENT, AND VERIFICATION
OF SOLAR BATTERY SAVINGS PROGRAM

Q&A

March 25, 2026

- Q1.** Could you please expand upon participant data availability. Will the evaluation team have access to the following data elements for the evaluation:
- a. Will hourly AMI and historical usage kWh (i.e., baseline data) be available, along with monthly bills for 2025 (2026?)
 1. Monthly bills and 15 min/hourly customer usage in kWh
 - b. Will battery telemetry and solar generation data be available?
 1. i.e., the Performance data submittal files as referenced in Appendix D of the Pilot Manual
 2. If so, what level of granularity should we expect (15 min or hourly charge/discharge/production kWh for each hour throughout the year 2025-2026)
 - c. Will battery size (kW and kWh) and solar AC/DC kW sizing be available?

Response:

- a. 15-minute interval data will be available. Historical usage data prior to program participation will not be provided, as the evaluation is expected to be conducted using the post-activation data to reconstruct the bills for each scenario provided in Exhibit A, Section A.1. Monthly bills will be provided for a representative subset of participants to validate bill reconstruction from the interval data.
 - b. Yes, battery telemetry, solar generation data and load data will be available from the OEM platforms.
 1. The format would include the date, time, battery charge/discharge, solar production and load data across the columns. Performance data submittal files (Appendix D in the Pilot Program Manual) can be referenced as well.
 2. The OEM data will provide 15-minute granularity of battery telemetry, solar data and load data.
 - c. SDCP can provide the appropriate battery system size and solar system size based on the project being evaluated. All projects will be anonymized.
- Q2.** Can you clarify whether the budget for the optional Task 4 - Customer Surveys should be included within the overall \$150,000 maximum budget, or if it is considered separately.

Response:

Yes, this includes all tasks, assuming that all tasks are awarded.

The budget for this ITB is set at \$150,000 for all services identified in the scope of services (Exhibit A) under this ITB. The required tasks are Tasks 1-3. Task 4 is an optional task that SDCP would like included as part of the services, if bidders are able to complete it within the budget.

- Q3.** The ITB Scope of Services "Purpose" describes a billing analysis that is to assume "unchanged consumption behavior by participants across all scenarios". Task 2.e specifies "Calculate the load and bill impacts". Does SDCP also expect that the load impacts are to assume "unchanged consumption behavior by participants across all scenarios" as with the billing analysis?

Response:

Yes, SDCP expects the evaluator to show both load impacts and bill impacts to be modeled assuming unchanged consumption behavior across all scenarios, please see below for additional details:

- a. Baseline Bill: Use the available customer data to remove the solar and storage impacts from the bill.
 - b. Solar ONLY Optimized Bill: Use the available customer data to maintain solar production and remove the storage impacts from the bill.
 - c. Solar and Storage Optimized Bill: Use the available customer data to calculate the bill with solar production and the battery operating without VPP dispatch commands. Participants should be randomly assigned to either self-consumption or time-based control mode.
 - d. Program Optimized Bill: Use the available customer data, unchanged.
- Q4.** For the SBS interventions how many participants are in the following interventions:
- a. participants adding solar and batteries together?
 - b. participants adding batteries to existing solar?

Response:

Participants for each intervention are as follows:

- a. Approximately 650 participants added a new solar and storage system, with no existing solar.
- b. Approximately 700 participants added storage to an existing solar system.

- c. Approximately 230 participants added additional solar and storage to an existing solar system.

Q5. Did all SBS participants receive the "Program Optimized Bill" treatment on all weekdays after interconnection of their battery storage? Or was there a delay between interconnection and commencement of the program dispatch? Or was there any periodic withholding of any participants from the intervention?

Response:

All customers were activated to participate in the program and would be categorized under the "Program Optimized Bill" scenario. There was a delay between the system receiving permission to operate and activation within the program. SDCP has the activation dates available. Eleven participant accounts were paused during 2025 – those sites would be removed from the evaluation.

Q6. The ITB specifies that SBS pilot enrollments occurred between 2024 Q4 and 2025 Q4. Is it possible to share the monthly enrollments during this period? If possible, separated by the interventions (specified in previous question: Q6)?

Response:

The battery activation dates per month are provided below.

Oct-24	63
Nov-24	74
Dec-24	190
Jan-25	184
Feb-25	237
Mar-25	151
Apr-25	187
May-25	124
Jun-25	46
Jul-25	55
Aug-25	28
Sep-25	16
Oct-25	2
Nov-25	33
Dec-25	8

Q7. Can SDCP clarify the period being evaluated? Is it only the calendar year 2025 through Q1 2026, or does it extend before or after that?

Response:

The Pilot continued to enroll customers through the 2025 calendar year. The evaluation will consider at least one year of data subsequent to program activation. See response to Q6 for additional details on timing of battery activation.

The evaluation is intended to include a minimum of one year of post-activation data for participating sites based on when the battery was activated within the program. Bill impacts will be calculated on a monthly basis using the available participant data for each month and subsequently aggregated to estimate annual bill impacts across the evaluated scenarios.

If the evaluation starts in May 2026, SDCP would expect almost 1,100 batteries to be included in the evaluation based on activation dates in 2025, requiring . Of these, approximately 850 would require data collection to extend into 2026 to achieve a full 12-month evaluation period.

- Q8.** Can SDCP provide battery interconnection dates and battery system capacity (kW) for participants? For non-participants with battery storage?

Response:

SDCP can only provide interconnection dates and battery system capacity for participants. SDCP does not have and cannot acquire this information for non-participants.

- Q9.** Can SDCP provide solar interconnection dates and solar system capacity (kW) for participants? For non-participants with battery storage?

Response:

SDCP can only provide solar interconnection dates for new solar added within the program for participants. SDCP does not have and cannot acquire this information for non-participants. As outlined in Exhibit A, Section A.1 of the ITB, SDCP is seeking a vendor to conduct a re-creation of participant bills under various scenarios. SDCP is not seeking an analysis of comparable non-participants.

Q10. For which participants, if any, is each of the following solar interval data available: generation, site consumption, grid energy usage, generation export to grid?

Response:

See response to Q1 regarding generation. For Tesla batteries (~90% of participants), SDCP can pull telemetry for solar generation, home load, battery charge, battery discharge, battery power, battery state of charge, grid imports, and grid exports. For other Original Equipment Manufacturers (OEMs), solar production consumed by the site, grid energy usage and generation export to grid would need to be calculated.

Q11. For which participants, if any, is each of the following battery interval data items available: charge / discharge / state of charge, self-consumption / TOU mode, percent backup reserve?

Response:

Battery telemetry that is available includes charge and discharge data and state of charge. Battery settings, (i.e., self-consumption and TOU mode) and backup reserve can be adjusted by the customer, therefore, the settings are only available for the exact instance the data is retrieved.

Q12. In the ITB Task 4.a states "Design, administer, and analyze customer surveys aimed at assessing customer satisfaction with SBS, assessing the knowledge of solar and storage of non-SBS participants and assessing the program satisfaction of SBS contractors." Can SDCP please clarify which of the following populations it wishes to survey?

- a. SBS participants
- b. SBS non-participants
- c. SBS contractors

Response:

SDCP is interested in having all three populations surveyed. Bidder may include cost per population, but if limited by budget, the priority would be to survey SBS participants and SBS contractors.

Q13. Are Purpose 1a. and 1b. required for participants that had solar before joining the program?

Response:

As outlined in Exhibit A, Section A.1 of the ITB, SDCP is seeking a vendor to conduct a recreation of participant bills under various scenarios. SDCP is not seeking an analysis of historical bills (pre-enrollment) compared to post-enrollment bills.

To recreate (1a) the Baseline Bill, both battery charging/discharging and solar production is removed from the home's energy consumption and generation profiles. To recreate (1b) the Solar ONLY Optimized Bill, battery charging/discharging is removed from the home's energy consumption and generation profiles, while solar production remains included.

- Q14.** Is Spanish language (or other language) support expected for any of the optional survey tasks?

Response:

No, language support is not expected.

- Q15.** Out of the 1,440 participating customers, how many had solar prior to battery installation as part of the pilot?

Response:

Approximately 930 participants had existing solar prior to installing a battery through the SBS Pilot.

- Q16.** Within the participant population, how many customers are on NEM versus the SBP plan?

Response:

Approximately 60% of customers are on NEM 1.0 or 2.0 and 40% are on Solar Billing Plan (SBP).

- Q17.** Task 4 Customer Surveys, part a contains the following phase "...and assessing the program satisfaction of SBS contractors". Do you want this task to also include a survey of contractors? If yes, can you share the approximate number of SBS contractors?

Response:

See the response to Q12 for more detail. SDCP had approximately 50 contractors participating in the Pilot.

- Q18.** Please confirm the datasets and data fields, if possible, that would be available from program and other customer datasets, including:
- a. Program tracking and customer data for participants and comparable non-participants
 - b. Billing data (e.g., total charges, generation charges, delivery charges, non bypassable charges)
 - c. Meter data. If available, through which entity will we access interval meter data for SBS participants and any comparison group? Does it provide both net usage and net export at the meter?
 - d. DERMS platform data (e.g., interval state of charge, charge/discharge power, commanded vs actual dispatch, device availability, communication failure flags)

Response:

As outlined in Exhibit A, Section A.1 of the ITB, SDCP is seeking a vendor to conduct a recreation of participant bills under various scenarios. SDCP is not seeking an analysis of comparable non-participants. For this analysis requested, SDCP will provide the data outlined in responses to question Q1, and as identified out below.

- a. SDCP will keep customer contact information anonymized but can provide the customer segments/attributes associated with each project. SDCP will not have any data available for non-participants.
- b. See the response to Q1.
- c. Home load, solar production and battery charge/discharge data is available from OEM telemetry as described in the response to Q1. The AMI interval data will provide net usage (grid imports and exports) at the meter.
- d. The DERMS platform can provide battery charge/discharge data and device availability starting on July 7, 2025. The OEM platform data will be used to recreate the bills per Exhibit A, Section A.1 and will include more detailed data (e.g., state of charge and communication failure flags).

- Q19.** The ITB mentions conducting research with SBS participants, non-participants, and contractors. For each of these groups, will SDCP provide sample, including contact information that would enable surveying via multiple methodologies including online, SMS, phone or mail surveys? Are there particular information objectives desired for each group?
- Given the likely demographics of targeting battery owners for this research, would SDCP be open to lower cost surveying such as only via a single method such as email-to-web surveys or dual method, such as email-to-web surveys and SMS?
 - What is the proposed incremental budget for the optional customer research portion of the project, specifically as it relates to target sample sizes for various customer subgroups?

Response:

Email, phone and physical street address is available for SBS Participants and SBS Contractors. No contact information is available for non-participants.

- Bidders should propose the recommended survey methodology and associated budget to meet the goals outlined in the ITB. Bidders may present multiple survey methods with associated budgets if multiple methods are possible. SDCP will consider all proposed survey methodologies and weigh the benefits (i.e., cost, efficacy) of each.
- See response to Q2.

- Q20.** Does the stated budget of \$150,000 include Task 4 (Optional): Customer Surveys?

Response:

Yes, this includes all tasks, assuming that all tasks are awarded.

Please refer to the response to Q2. Please also refer to Section V.B.4 and Exhibit D of the ITB, as well as the response to Q12, regarding how to complete the fee schedule and identifying additional costs.

- Q21.** Will the evaluator have access to battery telemetry data? If so, what interval is available?

Response:

Yes, battery telemetry data will be provided at 15-minute intervals.

Q22. Will the evaluator have access to utility AMI data? If so, what interval is available?

Response:

[See the response to Q1.](#)

Q23. Is SDCP interested in AMI data validation of the battery telemetry data (if available)?

Response:

[This could be of interest to SDCP, if it can be done within the budget.](#)

Q24. Are all participating customers residential, or are there some small commercial?

Response:

[All participating customers are residential.](#)

Q25. For which months and years is the evaluation expected to produce results?

Response:

[See the response to Q7.](#)

Q26. Were all battery dispatches in 2025 two hours and all dispatches in 2026 four hours in length?

Response:

[Yes.](#)

Q27. Can you provide more details about what Community Power is looking for in terms of load impacts?

Response:

[SDCP is looking for reconstruction of the bills under each of the scenarios identified in Exhibit A, Section A.1 to understand how consumption and net usage vary and shift across time of use periods.](#)