

Task Order San Pasqual Union School Solar PV Feasibility

Task Order # TBD

This Task Order is pursuant to the Master Services Agreement (“MSA”) between Sage Renewable Energy Consulting, Inc., an NV5 company, (“SAGE”) and San Pasqual Union School District (“CLIENT”) dated {DATE}.

This Task Order must be mutually executed before work is commenced.

Project Name San Pasqual Union School Solar PV Feasibility
Client San Pasqual Union School District
Physical Location 15305 Rockwood Road, Escondido, CA 92027
Estimated Start Date November 2022
Estimated End Date January 2022
Estimated Fees Fixed Fee, total of all Tasks: \$18,200

Project Contacts

SAGE	San Pasqual Union School District
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Project Overview

This task order outlines the submittal of an interconnection application and desktop feasibility review for a solar PV system on one CLIENT site at the San Pasqual Union School.

Net Energy Metering (NEM) in California is currently scheduled to transition from the current scheme called NEM 2.0 to a new scheme called NEM 3.0 for customers of the three regulated utilities: PG&E, SCE, and SDG&E. NEM 3.0 is likely to result in a significant reduction in value of energy produced by

customer solar PV systems in these utility territories. Customers can lock in the current NEM 2.0 scheme for solar PV projects for an anticipated 15 to 20-year grandfathering period by submitting interconnection applications before NEM 3.0 is implemented.

Sage will prepare and submit one NEM interconnection application for one utility electric service and will manage the application and review and update it as needed with this intent of having the application “deemed complete” by the utility prior to the NEM 3.0 final transition or within the expected grace period to grant the project NEM 2.0 grandfathering for 15 years. Once the application is “deemed complete Task 1 will be completed, and any additional work for the interconnection application will be completed under a new or amended Task Order.

Feasibility will include conceptual solar PV system designs developed in discussion with CLIENT, estimated build cost and financing, with modeling of lifetime physical and financial performance for up to two design scenarios at the site. SAGE will work with CLIENT to define high level goals for the solar PV system. SAGE will perform modeling with industry standard tools, including Helioscope and Energy Toolbase. This Task Order assumes analysis of up to two finance options: Power Purchase Agreement (PPA), and cash purchase using bond funding.

Based on the results of the feasibility study, CLIENT may elect to move forward with the project. SAGE could optionally provide an investment grade feasibility study, procurement support, implementation support, and asset management of the PV system in a separate task order.

Scope of Work

Task 1 Prepare and Submit Interconnection Application

Utility Interconnection Application

- 1.1 Access customer utility service account to verify meter identification information and download the most recent 12-month history of electricity consumption data.
- 1.2 Determine anticipated future annual electricity consumption for system sizing calculations.
- 1.3 Generate system designs sufficient for interconnection application requirements based on target system production, including system size, conceptual layout, equipment specification, and quantities.
- 1.4 Prepare site plans, electrical single line diagrams, and any other required interconnection application materials.
- 1.5 Prepare all interconnection application documents, review for accuracy and submit to CLIENT for review and execution.
- 1.6 Submit executed interconnection application via the utility’s web portal.
- 1.7 Manage coordination of any application changes required by utility to achieve “deemed complete” status.

Site Visits: None, all work done remotely.

Task 2 Feasibility

Desktop Feasibility Review to Qualify Project Sites

- 2.1 Meet with CLIENT to discuss feasibility scope, schedule, goals, informational needs, constraints, and preferences.
- 2.2 Create up to two models of conceptual solar PV systems.
- 2.3 Review and finalize system sizing and locations for each site with CLIENT.
- 2.4 Estimate system costs and approximate value of energy.
- 2.5 Identify potential project grants, incentives, or other funding mechanisms.
- 2.6 Create high-level project schedule and identify critical milestones.
- 2.7 Develop Draft Feasibility Review memorandum and review with CLIENT.
- 2.8 Incorporate CLIENT comments into Final Feasibility Review memorandum.

Site Visits: None, all work done remotely.

Schedule and Deliverables

Task	Start Date	End Date	Deliverables
1 Interconnection Application			
Prepare, Submit, and Manage the Interconnection Application			<ul style="list-style-type: none"> – Application materials – Submitted interconnection application – Updated interconnection application (if needed)
2 Feasibility			
Desktop Feasibility Review			– Feasibility Review Memo

Project Requirements and Assumptions

1. Interconnection Applications will be prepared for the number of CLIENT facilities/meters with single utility company electrical service (NEM), and CLIENT facilities with multiple aggregated utility company electrical services (NEMA) as shown in the Fee Table below. Additional sites or service evaluation may increase fees.
2. This Task Order includes up to up to 7 hours of support to manage the Interconnection Application. If additional work is required, it will be handled under an amended or separate Task Order.

3. Travel to CLIENT sites per site visit assumptions outlined in Scope of Services. Project travel assumes one representative per visit unless otherwise noted. Additional travel beyond the trips listed may require additional budget.
4. Assumes schedule listed. Delays or extension of the assumed schedule outside of SAGE's control may require additional budget.
5. All deliverables will be delivered in electronic format.
6. Site information/data will be made available to SAGE as needed. If scope includes on-site review and/or data collection, on-site work will be limited to visual inspections of potential system locations, electrical services, and existing site conditions.
7. CLIENT will provide estimates of changes in electricity consumption based on energy efficiency measures, anticipated changes to site usage, and new construction.
8. SAGE will interface with the electrical utility company during feasibility to assess interconnect constraints. Developer will assume responsibility for the interconnection process once under contract and will be responsible for interconnection with the electrical utility.
9. Feasibility will not include new or invasive site investigations (e.g., geotechnical studies, structural investigation, shutdown/inspection of electrical services, etc.).
10. The following design and permitting work are excluded unless specifically contracted with SAGE:
 - 5.1 Investigation of Structural Integrity
 - 5.2 ADA
 - 5.3 Surveying
 - 5.4 Parking lot reconfiguration
 - 5.5 Title search/legal boundaries - NV5 will provide title search and assistance upon request under a separate Task Order
 - 5.6 Offsite easements
 - 5.7 Traffic studies
 - 5.8 Environmental impact reports or studies
 - 5.9 Soils/Geological Hazard and Pavement Reports
 - 5.10 Services not expressly outlined in the above Scope of Services
 - 5.11 Other engineering investigations or design work
11. Financing by others. SAGE can provide detailed modeling and assist with negotiations and contracting with the Developer or financing entity. Unless specifically contracted, SAGE can provide assistance to CLIENT and financial managers to support incentive, grant, or rebates applications or management.
12. Design, construction, and commissioning of project will be performed by others. If contracted, SAGE will provide design review, technical assistance during construction, review/oversight of Developer's commissioning, inspections/performance assessment as noted, and asset management.

Fee and Payment Schedules

For Task 1, SAGE will charge a fixed fee per application submittal and per each additional NEMA electrical meter. SAGE will charge \$5,000/application for up to 10 applications, \$3,500/application for more than 10 applications, \$500 per additional NEMA meter, \$500 additional for each application with BESS, and microgrid and/or complex generation assets to be discussed on a project specific basis. For the interconnection application management part of Task 1, SAGE will provide up to 7 hours of support services included in the fixed fee per meter price.

The Task fees listed in this section are based on anticipated workload for the scope set forth in this Task Order. For all tasks performed under this Task Order, SAGE has set a Fixed-Fee payment per Task as shown in the table below. As-needed/contingency is for unforeseen or additional project services and only proceeds with written direction from CLIENT.

Task Fee Table

Task		Fixed Fee
1	Interconnection Application	\$5,000
2	Feasibility Review	\$13,200
Project Subtotal		\$ 18,200

Hourly Fee Schedule

T&M work is billed at the hourly rates listed below for project work completed through December 31, 2023. Updated hourly fees will be provided by Sage as necessary prior to each new calendar year. SAGE will not exceed project NTE limits without consent of CLIENT.

Title	2022	2023
Principal	\$295	\$310
Associate Principal	\$250	\$265
Subject Matter Expert	\$395	\$415
Senior Project Manager	\$245	\$260
Project Manager	\$215	\$225
Senior Engineer/Data Scientist	\$215	\$225
Construction Manager	\$200	\$210
Engineer/Data Scientist	\$185	\$195
Senior Analyst/Technician	\$185	\$195
Analyst/Technician	\$155	\$160
Program Support Specialist	\$115	\$120
Energy Intern	\$115	\$120
Project Administrator	\$90	\$95

Billing and Payment Terms

SAGE invoices monthly with terms of Net 30.

If schedule is extended as a result of CLIENT, regulatory, or Developer or other contractor/vendor actions or inactions, SAGE will consult with CLIENT on utilizing contingency funds or extending the budget as needed.

Reimbursable Expenses

Fees assume all deliverable materials for the project will be provided digitally. Printed copies of documents will be billed at cost plus 10%. For time and materials fee structure projects, all reasonable and ordinary expenses are reimbursable at cost plus 10%.

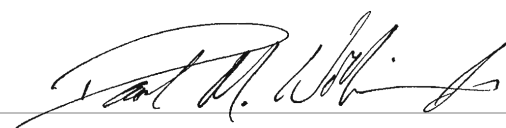
Travel Costs

When air travel is required, coach class airfare will be used for domestic air travel and business class airfare will be used for international travel. Personnel travel time from our office to project location is billable at the full hourly rate. Meals and lodging will be billed at cost. Vehicle driving mileage will be billed at the current IRS mileage rate.

Subconsultant Fees

Subconsultant fees will be passed through at cost plus 15%.

IN WITNESS WHEREOF, authorized representatives of both SAGE and CLIENT have executed this agreement as of the date set forth above.

SAGE	San Pasqual Union School District
	
Name: David Williard	Name:
Title: Principle	Title:
Date: 10/7/22	Date: