



CITY OF VERNON
Light & Power Department

CITY OF VERNON SOLAR AND WIND FACILITIES
INTERCONNECTION APPLICATION

Introduction and Overview:

A. **Applicability:**

This Solar and Wind Generation Facility Interconnection Application is used to request the interconnection of a Solar and Wind Facilities to City of Vernon Distribution System (COVDS).

B. **Guidelines and Steps for Interconnection:**

Application must be completed and sent to City of Vernon (COV) along with the required documents in part C below for engineering review and approval prior to the construction of the system. Upon acceptance of the application, the Interconnection and Net Metering Agreement (IANMA) between COV and the applicant will be addressed and signed. COV may also require an inspection and testing of the system prior to giving the applicant written authorization to operate in Parallel with COVDS. **Note: Unauthorized parallel operation may result in injury to persons and may cause damage to the equipment and/or property of applicant and/or COV.** Applicant is required to review the COV General Guidelines for the Interconnection of Customer Owned Solar or Wind Generating Facility for all applicable requirements.

C. **Required Documents:**

1. **Perform an Energy Audit of facility**

- To qualify for incentive rebates, building should be energy efficient prior to any solar/wind installation.

2. **Application**

Please submit:

- Completed Rebate Application

- Solar and Wind Generation Facility Interconnection Application
- Copy of most recent utility bills (12 Mos.)
- Copy of Plans (minimum of 3 sets)
- Contract with installer/retailer
- Copy of system warranty
- Send all documents to:

**City of Vernon, Light & Power Department
Attn: Anthony Serrano
4305 Santa Fe Ave. Vernon, CA 90058**

3. Building Permit

Obtain building permit from COV Building & Safety

4. Pre-installation inspection

Upon receiving building permit, contact COV L&P at 323.583.8811 x202 to
Schedule pre-installation inspection

5. Net Metering Agreement

Upon receiving rebate approval from COVL&P, an agreement will be signed by COV and
Applicant

6. Construction

Construction must commence within 180 days of rebate application approval

7. Final electrical inspection

Upon completion of system, contact COV L&P to schedule final electrical inspection

8. Interconnection

Contact COV L&P to schedule system interconnection

9. Engineering Requirements

- a. Site plan and diagrams showing the physical relationship of the electrical components of the Generating Facility and the interconnection with COVDS.
- b. If a transfer switch or schemes is used, please provide the capacity ratings and description of the intended operation.
- c. If Protective relays are used, please provide protection diagrams, connection diagram, proposed settings, and the description of the intended operation.
- d. A single-line diagram showing the electrical relationship of the electrical components of the Solar & Wind Facilities and the interconnection with COVDS.

10. Rebate

Upon final system verification and inspections a rebate will be issued. Processing for rebate can take up to 6 to 8 wks.

D. Mailing Instructions:

The completed application along with the required attachments should be mailed to:

City of Vernon, Light and Power

Customer Service Department

Attn: Anthony Serrano.

4305 Santa Fe Ave.

Vernon, CA 90058

SOLAR AND WIND GENERATION FACILITY INTERCONNECTION APPLICATION

Applicant Information:

Contact Person: _____

Company Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: _____

Email: _____

Contractor or Installer Information:

Name: _____

Company Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: _____

Email: _____

Facility Information:

COV Account: _____

Facility Location: _____

Street Address: _____

Existing Service Voltage: _____ Volts Panel Size: _____ Amps [] Single-Phase [] 3-Phase

Proposed New Service (if applicable): _____ Panel Size: _____ Amps

Last 12 month peak load (if known): _____

PV System:

Estimate Commissioning Date: _____

Gross Nameplate Rating (kVA): _____

Gross kW Nameplate (kW): _____

Net kW Nameplate (kW): _____

Power factor rating (%): _____

PF Adjustment Range (%): Min _____ Max _____

Inverter/Controller manufacturer: _____ Model: _____

Phase: Single-Phase 3-Phase Inverter Output Voltage: _____ AC Volts

Mode of operation: Parallel Momentary Parallel Isolated

Maximum 3-phase fault current that will be contributed by the generating facility at the Point of Common Coupling (PCC): _____ Amps

Inverter Specifications Sheet

Module Manufacturer: _____ Model # _____ CEC-AC Watts/Module _____ Qty: _____

Inverter Manufacturer: _____ Model # _____ Efficiency _____ Qty: _____

Azimuth: _____ Tilt: _____ Estimated Annual Energy Production (kWh/yr) _____

Installed system cost:

Estimated total cost of system without rebate: \$ _____

Rebate Requested: \$ _____

Agreement Clause (please read carefully before signing): I AGREE AS FOLLOWS:

- 1) Rebates are subject to availability of funds.
- 2) Rebate may be credited towards any delinquent utility bill(s), as currently defined by the Electric Rates, Rules and Regulations for the City of Vernon (Vernon), for which the customer is responsible whether the account(s) is open or closed.
- 3) The solar energy system under this application is grid-connected.
- 4) To enter into an Interconnection Agreement for Net Energy Metering as required by the City of Vernon.
- 5) From the date of installation, I agree to maintain the equipment at the location under this application in the City of Vernon for a minimum of five years. (as per manufacturer recommendations)
- 6) To allow Vernon, after providing the customer with reasonable prior written notice, to conduct a site inspection during normal business hours of the referenced solar energy system for up to five years after award of rebate or for up to five years after the final payment of the award of rebate (for systems under PBI).
- 7) I have received the following information from the Vernon Light & Power Program Dept: most recent 12 months electric consumption information for the application site, information about energy use assessment services and tools available through Vernon Light & Power to help me determine cost-effective energy efficiency measures applicable to the application site, and information about Vernon Light & Power available rebates and incentives.
- 8) If retrocommissioning is required as specified under Senate Bill 1 (project location of $\geq 100,000$ ft² and energy performance rating of less than 75), retrocommissioning, equipment repairs and adjustments, and energy efficiency improvements that are identified through a retrocommissioning assessment shall begin no later than one year after the completion of the installation of the solar energy system.
- 9) The maximum output of the solar energy system under this application does not exceed the historical (12 months of consumption history from date of incentive reservation) or current electric needs of the electricity consumer at the site of installation.
- 10) If the solar energy system at this site is to be expanded and before applying for additional incentives, I will allow for six months of consumption history to accumulate before applying for additional incentives.
- 11) The solar energy system carries a 10-year or better warranty by provider or manufacturer for the PV modules, a ten-year or better warranty by provider or manufacturer on the remainder of the system PV components, and a ten-year or better warranty by installer against breakdown or degradation in electrical performance of more than 10 percent of the system's rated electrical output.
- 12) All environmental attributes (including, but not limited to Renewable Energy Certificates, Green Tags, etc.) generated by the funded solar energy system are hereby transferred to the City of Vernon Light & Power.
- 13) The City of Vernon may withhold payment of any rebate until satisfaction of all of the above listed conditions are met.
- 14) Provide Energy Audit Assessment (Copy of Report)

Customer Signature: _____

Attachments:

Contract with Installer Copy of Installer Warranty COVL&P Utility bill
Interconnection Application Copy of Energy Audit

Application Signature:

I hereby attest that the information submitted on this application is accurate to the best of my knowledge.

Applicant

Signature: _____ Date: _____

Printed Name: _____ Title (if applicable): _____

Incentive Check payable To (Customers Only)

Name: _____

Address _____

City _____ St: _____ Zip _____

For COVL&P use only

Application Received by: _____ Date: _____

Application Approved/Denied by: _____ Date: _____

Reasons, if denied: _____

Panel Inspected by: _____ Date: _____

System interconnected by: _____ Date: _____

Rebate check issued amount: \$ _____ Date: _____ Check No: _____

Sign Off List

The undersigned hereby acknowledges that the temporary clearance in no way authorizes occupancy of the building for use or for the conduct of business. The requirements of the following Divisions/Agencies have been met:

Fire Inspector _____ Date _____

Building Inspector _____ Date _____

Electrical Inspector _____ Date _____

Engineering _____ Date _____

Administration _____ Date _____