

### 1. Introduction and Overview

This Generating Facility Interconnection Application shall be used to request interconnection of a Generating Facility to Sacramento Municipal Utility District's (SMUD) Distribution System. Refer to SMUD's Rates Policy & Procedure 11-01 under Rule and Regulation 21 to determine the specific requirements for interconnecting a Generating Facility. Capitalized terms used in this application, and not otherwise defined herein, shall have the same meanings as defined in SMUD's Rates Policy & Procedure 11-01.

Except as noted in the next paragraph, this application may be used either for 1) Any on-site Generating Facility (renewable or non-renewable) to be operated by or for a Customer and/or Facility Owner to supplement or serve the Customer's electric service requirements that would otherwise be served by SMUD, including "distributed" generation, cogeneration, emergency, backup, standby generation, storage, and Net Energy Metered Generating Facilities, or 2) Generating facilities applying for export to SMUD's Distribution System. This application must be completed even for Generating Facilities that will always be isolated from SMUD's Distribution System.

Interconnection Agreement: by submitting this application, Applicant and/or Facility Owner agrees to comply with SMUD's Rates Policy & Procedure 11-01 (Interconnection Guidelines) for interconnecting a Generating Facility and throughout the term of the interconnection.

This application may not be used for interconnection to SMUD's Transmission System. Interconnection to SMUD's Transmission System is coordinated by SMUD's Grid Planning business unit and requires a different application available from SMUD.

My application meets these requirements. \*

### 2. Location and Host Customer

#### Host Customer Facility Information - Where will Generating Facility be located?

All fields on this page refer to the Host Customer and the site where the project will be physically located.

Primary DG Technology \*

Inverter

Inverter Based Technology Descriptions- Use these descriptions to assist you with making your selection of Inverter Based Technology.

Solar PV - New Solar system without energy storage

Solar PV+Battery - New solar system plus new energy storage system

Battery add on to existing solar PV system - New energy storage system on existing system

Battery Only - Energy storage system with no renewable generation system on site

SMUD Energy Storage

[Until a future determined date, all storage units participating in SMUD's Energy Storage Commitment to Operate program are exempt from the additional storage metering requirements. Click this link to be routed to the Energy Storage Page.](#)

Inverter Based Technology \* ?

Solar PV

Inverter Based Technology at Initial Application ?

Solar PV

Does this address currently have solar? \*

- No
- Yes

Host Customer

Name \*

<b>First Name</b>	<b>Last Name</b>
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Company

Address \*

<b>City</b>	CA	95673
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Email \*

Phone \*

Host Customer Sector \*

Note: Campus Billing is a load aggregation solution and not a form of virtual net metering. Customers wishing to interconnect a PV system to a current meter in a Campus Billing arrangement will have that meter disaggregated and the remaining Campus Billing accounts will be evaluated for eligibility per Tariff 1-CB

Campus Billing Page

[Click Here to access.](#)

Residential Host Customer's Existing Rate \*

Does This Property Have Existing Electric Service? \* ?

SMUD Account Number \*

Electric Service Meter Number \*

Electric Service Meter Number 2 (if applicable)

Authority Having Jurisdiction (Local Building Department) \*

### 3. Other Responsible Parties

Applicant (Solar Company) ?

New Contact

Name \*

First Name Last Name

Company

Company Name

Address \*

500 Industry Ave

City CA 90703

Email \*

email@email.com

Phone \*

800-555-5555

Applicant Phone Extention

Applicant Title

Payer ?

Applicant (Solar Company)

Name \*

First Name Last Name

Company

Company Name

Address \*

500 Industry Ave

City CA 90703

Email \*

email@email.com

Phone \*

800-555-5555

System Owner ?

Host Customer

Name \*

First Name

Last Name

Company

Address \*

123 Main Street

City

CA

95673

Email \*

email@email.com

Phone \*

555-555-5555

System Owner Title

Installer ?

New Contact

Name \*

First Name

Last Name

Company

Company Name

Address \*

500 Industry Ave

City

CA

90703

Email \*

email@email.com

Phone \*

800-555-5555

Installer Title

Production meter stipends for Interconnection projects will no longer be available after May 1, 2023. Interconnection applications submitted prior to May 1, 2023 will still receive the stipend, at this time.

Payee

Host Customer

Name \*

First Name

Last Name

Company

Address \*

123 Main Street

City

CA

95673

Email \*

email@email.com

Phone \*

555-555-5555

Payee Title

Vendor Number \* ?

100101

Is There a Backup Contact Person? \*

No

Expected Operating Date

#### 4. Basic System Information

Existing PV Installation at This Address? \*

No

Existing Battery Installation at This Address? \*

No

Is the service to the Host customer's service panel overhead or underground? \*

Overhead

Will Electrical Panel Be Upgraded? \* ?

No

Is the Property Tenant-Occupied? \*

No

Is This a Multi-Unit Building? \*

No

Generating and hosting electrical facility description.....STEP 5

### 5. Generating and Host Electrical Facility Descriptions

This is a Solar PV system and therefore is assumed to have the following characteristics:

- **Interface Type:** Parallel Operation
- **Interconnection Arrangement:** Solar and Storage Rate
- **Operational Profile:** Solar and Storage Rate

### 6. Description of Generators

PV System Specification (Azimuth of zero corresponds to due north) \*

Inverter

Qty	1	SolarEdge Technologies
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3.7 kW (Model SE3800H-US (240V) [S11])
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Efficiency Rating: 0.990 Meets Standard: UL 1741 Supplement SB Cert

PV Array Delete Array

Qty	14	Hanwha Q-Cells
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405W (Model Q.PEAK DUO BLK ML-G10+ 405)
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PTC Rating: 0.3763

Tilt	Azimuth	Tracking ?
18	91	Fixed

(0° to 90°)

(0° to 359°)

Shading

% Solar Access (100 or blank = No Shading)

Jan	Feb	Mar	Apr	May	Jun
Jul	Aug	Sep	Oct	Nov	Dec

Add Array

Add Battery

Add Inverter

Calculate

System Rating: 5.67 kW DC / 5.216 kW CEC-AC  
 Estimated Annual Production: 8278 kWh  
 Design Factor: 90.4 %  
 Total Nameplate Energy Capacity: 0 kWh

Is System Power Output Capped? \* ?

Yes  
 No

Ownership Options \*

Lease

Retail System Cost \* ?

\$ 21546.00

Operating Voltage (Volts) \* ?

240

Wiring Configuration \* ?

Single-Phase

### 7. Required Documents

The submission of this Application must be accompanied by the documents listed below. Drawings must conform to the accepted engineering standards and must be legible; 11" x 17" drawings are preferred.

**NOTE: Only PDF, DOCX, and XLSX files less than 5 MB may be uploaded.**

I acknowledge that I have read SMUD's Electric Service Requirements (ESR) and will build the system to those specifications. \* ?

Single Line Diagram \* ?

LD.pdf View Remove

Uploaded by [redacted] n 1/23/2024 8:18:38 AM

Site Plans, Diagrams, or Layout Drawings \* ?

SP.pdf View Remove

Uploaded by [redacted] n 1/23/2024 8:18:46 AM

Copy of SMUD Customer Bill \*

UBILL.pdf View Remove

Uploaded by [redacted] n 1/22/2024 11:57:47 AM

Other Attachment

Energy Consumption Calculator.pdf View Remove

Uploaded by [redacted] n 1/23/2024 8:24:41 AM

Other Technical Documents ?

BP\_DG-72947.pdf View Remove

Uploaded by [redacted] n 3/5/2024 10:24:58 AM

Explanation of Other Attachments ?

Energy Consumption Calculator

By clicking the "Generate Document" button below, you can generate a PDF of this application form, and save and/or print it for your own records.

Interconnection Application Generate Document ?

SMUD Form 2655, effective November 2015.