



**Return Form to:**  
 Modesto Irrigation District – Energy Services Department  
 Attn: Solar PV  
 P.O. Box 4060  
 Modesto, CA  
 95352-4060

## Generating Facility/Energy Storage Device Application

**Service Type** (Please complete using blue or black ink)

Residential    
  Commercial    
  Industrial    
  Agricultural    
  Government, Non-Profit or Public

**MID Customer Information** (Must match name on MID Account)

Customer Name (As appears on MID bill)		MID Account Number	
Installation Address		City and Zip Code	
Mailing Address (If different than above)		Mailing Address (City, State and Zip Code)	
Application Date	Daytime Phone Number	Alternate Name and Phone Number (If applicable)	E-mail Address

**Contractor / Vendor Information**

Contractor email below will receive all MID correspondence regarding application, project review and project advancement notices. All fields required.

Contractor / Vendor Name		Contractor Class & License Number	
Mailing Address		City, State Zip Code	
Contractor Phone Number	Contact Person Name	Contractor Email Address (Please provide alternate email if necessary)	

**Generation System/Energy Storage Device Summary (Total output of system)**

Total Number of Arrays	Total CSI Rating (KW)	Total CSI Annual kWh Generation	Install Date/Projected Install Date
Total Number of Energy Storage Devices	Total Energy Storage Device(s) Peak/Continuous (KW)	Total Storage Device(s) Capacity (kWh)	Install Date/Projected Install Date

**Generation Facility Type** (Please complete using blue or black ink)

New Solar Photovoltaic Panels  
 New Solar Photovoltaic Panels with New Energy Storage Device  
 Adding Photovoltaic Panels to Existing System  
 Date of existing system installation \_\_\_\_\_ (example: June 2015)  
 Existing Solar Photovoltaic Panels with New Energy Storage Device Addition  
 Date of existing system installation \_\_\_\_\_ (example: June 2015)  
 Energy Storage Device Only  
 Other, Please contact MID for further information

**Generation Facility Operating Mode** (Please complete using blue or black ink)

- System will operate in parallel with MID's Distribution System requiring Interconnection and Net Metering Agreements. (Please see applicable Service Guide and Rule 21 for full interconnection details) If yes,
- Single Phase System       3-Phase System       Line-side tap (UL recertification required)

System does not have the ability to operate in parallel with MID's Distribution System. This will be an isolated system. No Interconnection Agreement or Net Metering Agreement will be required.  
 If yes, Please indicate either a reverse-power or under-power protection device on submitted single-line diagram or clearly indicate incidental export of power is limited by interconnection design. Subject to MID review.

\*Failure to notify MID of correct system operating mode will result in discontinuation of service and excessive fees. MID reserves the right to audit all systems.

**Operating Type** (Please complete using blue or black ink)

- Net Energy Metering with MID distribution (NEM 2)
- Primary Power Source
- Standby/Emergency/Backup
- Peak Shaving/Demand Management

**Required Documentation** (Failure to provide all required documentation below will result in returning the application to sender)**Generating Facility Interconnected to MID Distribution (NEM 2)**

- Generating Facility Application (signed by MID account holder and contractor)
- Interconnection Agreement (signed by MID account holder)
- Net Energy Metering 2 Agreement (NEM 2) (Signed by MID Account holder)
- Single-Line Diagram
- Site-Plan Diagram
- CSI Design Sheets and Energy Storage Device Specification Sheets if Applicable
- \$300 Interconnection Fee for generating facilities <100kW or \$800 for generating facilities >100kW (payable to MID)
- Electronic Signature Verification Certificate- DocuSign (Required for all documents with electronic signatures)
- Building permit from city/county (to be submitted to MID after system acceptance letter is received)
- NEM 1 to NEM 2 Acknowledgment Form (If applicable)  
 \* Existing solar generating facilities installed prior to **January 1<sup>st</sup> 2016** will require a NEM 1 to NEM 2 Acknowledgment Form to be signed by the MID account holder if additional solar photovoltaic panels are being added to the system beyond 10% of initial system capacity. This will not be required for existing systems installing energy storage device(s).

**Generating Facility Not Interconnected to MID**

- Generating Facility Application (signed by MID account holder and contractor)
- Single-Line Diagram
- Site-Plan Diagram (Must clearly specify means of separation from MID distribution, subject to MID approval)
- \$300 Engineering Review Fee
- Building permit from city/county (to be submitted to MID for acceptance letter)

**Energy Storage Device Details**

Energy Storage Device Manufacturer	Device - Model Number	Total Energy Storage Device Peak (KW)	Total Energy Storage Device Cont. (KW)
Inverter Manufacturer	Inverter Model Number	Inverter Peak Efficiency (CEC %)	Output/Input Voltage

**Energy Storage Device Details****Please provide details for any energy storage device differing from primary storage device details above. (make/model/capacity)**

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Inverter Manufacturer	Inverter Model Number	Inverter Peak Efficiency (CEC %)	Output/Input Voltage

**Solar PV Array Details****(If multiple arrays please enter additional arrays. If this is an addition to an existing system please enter existing array details)**

PV Module Manufacturer	PV Module - Model Number	PV Module CEC-PTC Power Rating (watts)	Number of Modules in Array
Inverter Manufacturer	Inverter Model Number	Inverter Peak Efficiency (CEC %)	Array Orientation (West, SW, Tracker, etc.)
Array PTC Rating (Number Of Modules X CEC-PTC Module Power Rating) (watts)		Total Array CEC-AC Output (Array PTC Rating X Inverter Peak Efficiency) (watts)	
PV Array Output (SO)  (kW-PTCac)	CSI Design Factor (DF)  %	CSI Rating (DF X SO)	CSI Annual kWh Generation

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PV Array Output (SO)  (kW-PTCac)	CSI Design Factor (DF)  %	CSI Rating (DF X SO)	CSI Annual kWh Generation

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PV Array Output (SO)  (kW-PTCac)	CSI Design Factor (DF)  %	CSI Rating (DF X SO)	CSI Annual kWh Generation

### Terms and Conditions

**Each of the undersigned declares under penalty of perjury that:**

1. The above-mentioned PV system:
  - a. Is designed to offset all or part of the customer's annual electrical needs. System sizing not to exceed 2-year average usage history (See MID Net Energy Metering Solar PV Interconnection Handbook for details.)
  - b. Is located on the customer's premise and within Modesto Irrigation District's (MID's) service territory.
  - c. Is a vendor/contractor owned PV system that is leased or rented (includes a purchase power agreements) to an MID electric customer or a customer owned system.
2. The customer acknowledges that no incentive is available for the installed PV system.
3. Where there is an existing PV system on the premises that qualified for a MID incentive, MID shall own the renewable energy credits (REC's) unless the customer agrees to install a separate inverter and an additional MID generation meter at the customer's expense.
4. A **non-refundable \$300** Review fee shall be required (see MID Electric Service Rule 21 Appendix A) for inverter based generation less than 100 kW<sub>AC-CSI</sub>. Systems greater than 100 kW<sub>AC-CSI</sub> shall require a non-refundable **\$800** Review fee (pursuant to MID Electric Service Rule No. 21 Appendix A).
5. The customer agrees to grant MID access to the customer's property for the purpose of on-site inspection(s) to verify that the site and installed equipment are as stated.
6. MID is NOT party to the installation contract between the customer and contractor / vendor. MID does not warranty or in any way guarantee the quality of the PV equipment. Acceptance of such is the customer's responsibility. MID is not responsible for any Tax Liability associated with the receipt of any Utility, State, or Federal Government offered Rebate(s). The customer shall comply with all city and/or county ordinance(s) and obtain all required city and/or county permits.
7. The customer has read, understood and agreed to the program requirements as stated in the MID Net Energy Metering Solar PV Interconnection Handbook.
8. The information on this form is true and correct to the best of his/her knowledge.
9. Customer acknowledges the installation of a generation system and/or energy storage device **will not eliminate a monthly bill** from MID under the **NEM 2 program**.

Customer Signature (Required)		Date
Print Name	Job Title (If not homeowner)	

Contractor / Vendor Signature (Required)		Date
Print Name	Job Title	

For District Use Only			
Received By	Date	Service Type	2-Year Annual Average Electric Usage
CSI Rating (Sum of All Arrays)		CSI Annual kWh Generation (Sum of All Arrays)	

Comments
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ES Representative Approval Signature	Date	ES Supervisor Approval Signature	Date
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