

Solar Photovoltaic (PV) Program Performance-Based Incentive For Systems Over 30kW

2010/2011 Application Process Summary

MID offers a ten-year Performance-Based Incentive (PBI) for commercial, agricultural or industrial electric customers who purchase and install solar photovoltaic (PV) projects greater than 30 kilowatts and up to 1 megawatt (1,000 kW) in size. This program applies to existing electric customers / premises and is not applicable to new construction. MID reserves the sole right to periodically modify & amend program requirements and to determine if program eligibility criteria have been satisfied. See www.mid.org/rebates for current information and forms.

MID Incentive – PBI is paid to customers in up to ten consecutive annual payments based on the actual metered solar power produced at the rate of \$0.133 per kilowatt-hour (kWh). At the District's discretion, the first incentive payment may be based on the actual generation produced by the system on the six-month anniversary of the PV system's startup and then again at the 12-month anniversary. This incentive amount will be reduced no later than August 1, 2011. Customers are responsible for any special metering costs such as the need for mass-memory interval metering and/or phone line costs. Accrued incentive payment(s) are capped at 50% of eligible project costs and subject to funds availability.

Please review MID Solar Photovoltaic Rebate Program Handbook for important details.

Application Process

Step 1 - Review the Application / MID Solar Photovoltaic Rebate Program Handbook

To be eligible for Photovoltaic System Rebate Program incentives, qualifying MID customers and their vendor and/or installer partners must meet all the requirements as set forth in the [MID Solar Photovoltaic Rebate Program Handbook](#). Customers should carefully review the entire application and handbook. Photovoltaic systems require a considerable financial investment and are not suitable for all customers. Customers are advised to seek out information about PV/solar technology and how to go about choosing a PV system.

An "MID Educational Guide to PV Technology" is available upon request. It is available by calling the MID PV Program Coordinator at 209-526-7455. It can also be found at the MID website. Additional useful websites and links are listed at the MID website.

Step 2 – Complete and Submit the Reservation Request Form / Program Application

To qualify for the MID PBI Incentive Program, the customer (or contractor/ integrator) must first submit a PV Project Reservation Form to MID.

The following items must be submitted with the PV Project Reservation Form:

- Single Line Diagram of proposed PV system including system module and inverter details.
- Detailed Site Drawing showing the specific (building) location of array(s) and inverter(s).
- Shading Analysis Report (Solar Pathfinder or equivalent technology). Report should show projected annual PV project generation.
- A copy of the signed contract between the customer and PV contractor / vendor / integrator.
- Affidavit of Sole Ownership
- Energy Efficiency Disclosure Agreement
- Commitment Agreement (if needed, (see Energy Efficiency Disclosure Agreement form for details))

Send the Reservation Form along with the additional attachments to:

Modesto Irrigation District
Attn: Energy Services Dept - Solar Program Coordinator
P.O. Box 4060
Modesto, CA 95352-4060

Step 3 – Approval from Modesto Irrigation District

Once MID reviews and approves a project, the District will issue a “Project Confirmation Letter” to the customer. Customers will have 270 days from the date of the Letter to complete the proposed project. Projects not completed within the 270 day period run the risk of receiving a reduced incentive amount. The California Solar Initiative requires that incentive values decline over a 10 year period.

Step 4 – Final PV System Inspection

Once a PV project is completed, MID will verify that the PV system was installed as specified in the initial Reservation Form documentation and that the system meets MID Electrical Interconnection Requirements.

Step 5 – Final PV System Approval and Payment

After the PV project has passed local building department and MID electrical inspection, the following documents must be submitted to MID:

- MID System Completion Form (sent to customer/contractor with project acceptance letter)
- Copy of approved local building department permit
- Two signed original copies of MID Electrical Interconnection and Net Metering Agreements
- Copy of itemized final sales invoice
- PV System Components and Warranty

Program Qualification Standards

Participating MID customers (Applicants) must fulfill all Program Qualification Standards and guidelines to be eligible for program incentives. MID reserves the sole right to: 1) periodically modify and amend Program Qualification Standards and 2) determine if program eligibility criteria have been satisfied. PV systems must be owned by the MID customer receiving the incentive and documentation verifying ownership is required.

Generating System Output / Incentives

The Performance-Based Incentive (PBI) Program incentive is based on the qualifying PV system’s actual generation output over a ten-year period up to ten consecutive annual payments. At the District’s discretion, the first incentive payment may be made based on the actual generation produced by the system on the six-month anniversary of the system’s operation and then again at the 12-month anniversary. Thereafter, payments will be made based on the PV system’s annual kilowatt-hour (kWh) generation.

EXAMPLE INCENTIVE CALCULATION:

A 50kW roof-mounted PV system is installed on a commercial building and begins operation on March 12th. Assuming that MID agrees to a first incentive payment at the six-month anniversary, a meter reading will be taken from the generation meter on or about September 12th. The meter reading indicated that the PV system has produced 60,000 kWh of electricity. Based on the PBI incentive approved at the time of system completion, the first incentive is calculated as follows:

$$60,000\text{kWh} \times \$.133 = \$7,980.00$$

EXAMPLE ACCRUED INCENTIVE CALCULATIONS:

| Eligible costs = \$200,000. Maximum accrued rebate = \$100,000. | | | | | |
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| Year 1 | 82,000 X \$.133 = \$10,906 | | Year 6 | 85,000 X \$.133 = \$11,305 | |
| Year 2 | 85,000 X \$.133 = \$11,305 | | Year 7 | 86,000 X \$.133 = \$11,438 | |
| Year 3 | 88,000 X \$.133 = \$11,704 | | Year 8 | 84,000 X \$.133 = \$11,172 | |
| Year 4 | 85,000 X \$.133 = \$11,305 | | Year 9 | Rebate capped at \$ 9,959 | |
| Year 5 | 82,000 X \$.133 = \$10,906 | | Year 10 | No Rebate | |



Questions? Call (209) 526-7455
MID web site: www.mid.org