



New Construction

Save money on qualified construction projects

PURPOSE

The MPower Business: New Construction Rebate Program provides a monetary incentive for the installation of energy efficient equipment that is more efficient than current code or industry practice. The rebate offsets a portion of the higher first-cost of the more efficient equipment.

Questions?

Call (209) 526-7339

MID web site: www.mid.org

Or contact your
MID Major Account Representative

SUBMIT APPLICATION TO:
Modesto Irrigation District
Attn: Energy Services Department
P.O. Box 4060
Modesto, CA 95352-4060

PHYSICAL ADDRESS:
1231 11th St., Modesto, CA 95354-0701

New Construction Rebates

REBATE AMOUNT

Rebates are determined per project, based on the design approach, end-use and estimated energy savings, and are subject to an overall cap. All projects are eligible for the \$/kWh rebate but only projects with a qualifying demand reduction are eligible for the \$/kW rebate. The total rebate paid on any application will be limited to:

WHOLE BUILDING APPROACH

- Composite: The greater of \$0.12 per kWh reduced or \$400 per kW reduced
- Not to exceed: The lessor of 50% of the eligible project cost or the maximum incentive amount from the Acceptance Letter.

SYSTEMS APPROACH

- Lighting: The greater of \$0.08 per kWh reduced or \$250 per kW reduced
- Air Conditioning & Refrigeration: The greater of \$0.15 per kWh reduced or \$500 per kW reduced
- Other Equipment: The greater of \$0.10 per kWh reduced or \$300 per kW reduced
- Not to exceed: The lessor of 50% of the eligible project cost or the maximum incentive amount from the Acceptance Letter.

(For both, the kWh reduction is during the first year and the kW reduction is during the peak period, if applicable.)

MINIMUM APPLICATION

The minimum application is \$250 estimated rebate.

ANNUAL APPLICATION CAP

The annual application cap for this program is determined per account, by the applicable MID electric rate schedule:

- \$25,000 (GS-1)

- \$50,000 (P-3)
- \$75,000 (GS-2 up to 499 kW)
- \$150,000 (GS-2 500-1000 kW, GS-TOU)
- \$300,000 (GS-3, P-4)
- \$600,000 (IC-25)

Applications for rebates above these amounts will not be accepted unless preauthorized by MID.

SUPPORTING DOCUMENTATION

Please attach supporting documentation, including (but not limited to) the following items:

- Complete description of the proposed project, including definitions of the established or assumed baseline usage and details about the proposed equipment (provide manufacturer's specification sheets, if possible)
- Assumptions and methodology used to calculate estimated project costs
- Assumptions and methodology used to calculate estimated peak demand and annual energy savings
- Calculations or printout from the software program used to quantify the energy savings estimates
- Proposed Measurement and Verification (M&V) Plan for documenting energy savings
- Completed Title 24 Report, including UTIL-1 and UTIL-2, required for all applications
- For LED products, evidence of current qualified product listing

MID, and/or its designated technical consultants, reserve the right to request additional supporting documentation as deemed necessary to determine project eligibility.

Reminder: Upon completion of the project, you must also provide MID with legible copies of paid, itemized invoices for all applicable project costs.

See **OVERALL PROCESS** on Application

Terms and Conditions

ELIGIBILITY

Customers: Commercial, industrial or agricultural customers that receive electric service from MID and are in good financial standing with MID are eligible for this program (subject to MID approval). Accounts billed on FL or SL rate schedules are not eligible for this program.

Applicants: Any eligible customer may submit an application. Applicants may choose to install the project(s) using in-house staff or a contractor.

Projects: Projects that involve the installation of new high-efficiency equipment in new facilities or during major remodel or expansion of existing facilities may be eligible for the MPower Business: New Construction Rebate Program. Projects are subject to review and acceptance by MID.

Eligible Projects must:

- reduce electrical energy usage relative to the baseline, and
- operate for a minimum of five years after installation, and
- exceed current California Title 24 Standards where applicable, by a minimum of 10% and
- be installed in accordance with all applicable local, state and national codes and ordinances, and
- not begin project work prior to receiving rebate acceptance letter from MID.

For Lighting; must also:

- Retrofits, preserve the safety rating of the existing luminaire, and
- LED fixtures/lamps must be included on the Qualified LED Product list at: www.caioulightingqpl.com or www.designlights.org

Ineligible Projects include the following:

- projects under the MPower Business Catalog or MPower Custom rebate programs
- new construction, electrical generation, fuel switching,

- power conditioners, insulation (including tank insulation projects), uninterruptible power supply (UPS) systems, power factor correction equipment, voltage reduction systems and "black box" technologies
- projects that cannot reasonably be expected to operate for at least five years, such as routine maintenance, operational changes, and equipment that is not installed permanently, or is readily removable without the use of tools
- leased or rented equipment and / or performance based contracts. MID reserves the right to request an affidavit of sole ownership for any project
- projects that previously received a MID rebate and are still within the useful life period of that project
- removal of unneeded equipment or previously owned products.

ENERGY SAVINGS

The applicant is responsible for determining the energy savings from the project. Only direct effects can be included in the estimated energy savings. The applicant's Measurement and Verification (M&V) Plan for documenting the project's energy savings must be reviewed and accepted by MID and can be based on either engineering calculations or actual measurements.

Calculation: This method requires a calculation using estimating software or accepted engineering practices. MID may require certain minimal measurements at the time the project is installed.

Measurement: This method requires that measurements be taken to determine the savings. Measurements could include energy consumption, hours of operation, flow rates, temperatures, or other similar

parameters related to energy savings.

Peak Demand Reduction: This value is calculated from the reduction in electrical energy usage (kWh) during MID's summer peak period (2-6 p.m. weekdays, July – August; approximately 176 hours). Projects that reduce connected electrical load and reduce demand (kW) during MID's summer peak period qualify for the \$/kW rebate.

P.E. Review: For projects that qualify for a rebate of \$10,000 or more, the savings estimate must be reviewed and stamped by a licensed engineer of an appropriate discipline (State of California license preferred). This requirement can be waived, at District discretion, in cases where the savings can readily be documented (ex: by direct measurement).

Baseline Usage: The energy savings from an eligible project are calculated relative to a baseline usage amount. Where applicable, minimum federal- and state-mandated energy efficiency standards will define the baseline usage. Where no such standards exist, other methods may be used to determine the baseline usage, such as existing equipment, historical billing data, or industry standard practice, subject to MID review and acceptance.

Title 24: There are periodic changes to CA Title 24 efficiency standards. It is the responsibility of the contractor and customer to comply with all current standards through their local city, county or other compliance authority. MID rebates are only available for items that are not required by or exceed Title 24 requirements where applicable. MID reserves the right to request Title 24 compliance documentation before approving any rebate.

Terms and Conditions (continued)

REBATE PAYMENT

Installment: The total rebate may be paid in either a single installment or, for projects with a performance period, in two installments. The single payment or first payment (typically 50%) is made upon completion of installation of the new equipment. If applicable, the second payment (remaining balance) is made upon completion of the performance period (including M&V) and a site inspection by MID to verify continued operation of the new equipment.

Adjustment: The actual rebate paid may be lower than the maximum amount reserved for the project. The reasons for payment adjustment include:

- **Performance:** The total rebate might be reduced as a result of site inspection(s) that follow project installation. For example, if equipment is not installed, is taken out of service, or if the equipment configuration or operation is less than expected, the total rebate will be reduced.
- **Other Funding Sources:** Funds received from sources other than MID rebate programs that lower the cost of the project may reduce the incentive amount applicants receive from MID. These sources include all third-party energy efficiency programs offering direct funding, financing or rebates (other than tax credits). Applicants are required to inform MID of any other incentives for which they have applied and/or may receive.

Refund: The rebate is paid on the basis that the resultant energy savings will persist for a minimum of five years after project installation. In the event that the energy savings from a rebated project become significantly reduced or cease

altogether during that time period, the rebate may become subject to a pro-rata refund from the customer to MID. The proration factor shall be based on the remainder of the five-year time period for energy savings.

OTHER

Contractor Information: Contractors with the required licensing are encouraged to participate in MID rebate programs. If application is submitted with misleading or fraudulent data, the rebate may be denied and the contractor may not be allowed to participate in MID rebate programs.

Eligible Project Costs: The actual costs incurred and documented by the applicant for the project, including equipment and installation. Ineligible costs are taxes, shipping and warranty costs. In cases where the applicant is receiving or has received funds from other sources, the amount of those funds will be subtracted from the actual project costs when calculating eligible project cost.

Taxes: IRS form W-9 is required for all rebates. MID is not responsible for any taxes that may be imposed on the applicant as a result of this rebate.

APPROVAL

An acceptance letter will be issued following MID review of the project application and, if required, pre-installation site inspection. The letter will include the maximum incentive reserved for the project and the acceptance expiration date. The following limitations apply:

- MID will use the terms and conditions in effect on the date the application is received to determine the eligibility and rebate amount for the proposed project(s).
- Acceptance of applications may be limited by other applications

previously submitted by the applicant during the same calendar year or the availability of MID budgeted funds.

- MID reserves the right to periodically review and make changes to the MPower Business New Construction Rebate Program and to determine final program eligibility for any proposed project.

TIME PERIODS

Inspection: MID reserves the right to inspect a project during the five years that it must operate to qualify for a new construction rebate. Inspections will be made upon prior notice given to the applicant, may include measurements to verify energy savings and may be performed by a third party.

Installation: Projects must be installed within one year of the rebate acceptance date or by the approved extension date. In the event the applicant has made substantial progress to install the project by their original deadline, but cannot complete it by that date, the applicant may request an extension of up to six (6) months, subject to MID approval.

Performance: An initial performance period of up to twelve months may be required as a means to ensure that the energy savings from accepted projects has been achieved. The length of the performance period is project specific, as determined by MID.



New Construction Rebate Overall Process

To receive a MPower Business: New Construction Rebate, an applicant must follow the multi-step process described below.

1. **Application:** An application is completed and submitted to MID. The application should convey all the relevant information necessary for MID to determine a project's eligibility for a rebate. Must be submitted using current application. (See www.mid.org for current application).
2. **Pre-Construction Site Inspection:** Where appropriate, MID may conduct a site inspection following an initial review of the Project Application. The purpose of the site inspection is to verify the existing conditions to determine the accuracy of the savings estimates or to verify the construction site.
3. **Acceptance Letter:** The acceptance letter informs the customer that their application has been accepted for a MPower Business: New Construction Rebate and indicates the estimated rebate amount. MID acceptance of a rebate application is a reservation of funds – not a guarantee of payment of a specific rebate amount.
4. **Post-Construction Site Inspection:** Following notification by the customer that the project has been installed, MID will conduct a site inspection. The purpose of this inspection is to verify that the project is installed and operating as described in the application. The total estimated rebate amount may be adjusted at this time if the project varies from the application.
5. **Payment:** For most projects, the total rebate is paid following the post-construction site inspection.

For projects being paid in two installments --

- 5.1. **First Payment:** For projects with a performance period, the first installment of the total rebate is paid following the post-installation site inspection.
- 5.2. **Post-"Performance Period" Site Inspection:** Following notification by the customer that the required performance period has been completed, MID may conduct a site inspection. The purpose of this inspection is to verify that the project is operating as described at the time of the post-construction site inspection. The total estimated rebate amount might also be adjusted at this time if the project has been modified.
- 5.3. **Second Payment:** The remaining balance of the total rebate, up to the maximum incentive amount, is paid following the post-"performance period" site inspection.

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