

2019



InvestSmart Business Energy Upgrades Custom Equipment Catalog

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1 Custom Measures

This Equipment Catalog describes the eligibility requirements and rebate amounts for qualifying Custom measures under InvestSmart Business Energy Upgrades. It also includes instructions on how to complete the Rebate Application and information regarding any required additional documentation. InvestSmart provides rebates for many types of energy efficient technologies. Please read the following sections carefully to ensure that you purchase and install qualifying equipment.

In order to be eligible for rebates through Business Energy Upgrades, all equipment must meet the following requirements:

- Equipment must be new and installed in a manner that meets or exceeds code regulations and adheres to industry standards.
- Equipment may be installed in either retrofit or new construction/major renovation applications, except where indicated in individual measures.
- Replaced equipment must be disposed of in accordance with local, state, or federal codes and regulations and cannot be re-installed elsewhere.
- Rebates will be capped at 50% net customer cost and a possible rebate buy-down to a simple payback of no less than 3.0 years. Rebates will be capped at \$100,000 per customer per program year.

Pre-qualification of eligible measures under Business Energy Upgrades is required for all Custom projects. Additional eligibility and submittal requirements for **Custom** technologies are outlined in this Equipment Catalog.

Rebates for additional measures may be available. For more information about rebates, eligibility requirements, rebate levels, other JEA energy efficiency programs, or general inquiries, visit the InvestSmart website at jea.com/investsmart, email jeaefficiencyrebates@nexant.com, or contact the Customer Service Center at **(888) 345-4609**.

1.1 Custom Measures

Measure Description:

Custom measures are projects that apply to many end-uses to increase energy efficiency and reduce annual electrical use. The program does not explicitly specify eligible measures to provide program participants maximum flexibility in identifying potential projects. Participants may propose the inclusion of any measure that:

- Involves a capital expenditure for project(s) that have an energy savings component;
- Produces a verifiable reduction in annual electric energy consumption without creating an increase in summer peak demand usage
- Is installed in either a retrofit or new construction application
- Is cost-effective as determined by JEA's internal cost-benefit test(s)

Qualifying Measure Examples:

Examples of eligible measures are listed below. Program participants are free to propose measures not included below, so long as the above requirements are met.

- HVAC upgrades (e.g. constant volume systems upgraded to variable air volume system)
- VFDs larger than 200 HP
- VFDs installed on chillers, pumps, air compressors, or non-HVAC equipment
- Increased compressed air system efficiencies (e.g. installation of VFD's, added storage)
- Control applications (e.g. installation of a building energy management control system)
- Process improvements
- Induction lighting
- Heat Recovery Units

JEA will review all measures for their eligibility and appropriateness to participate in Custom Business Energy Upgrades. JEA retains the right to determine, at their sole discretion, eligible measures and reject applications or request additional information as necessary.

Exclusions:

The following measures are excluded from consideration for Custom rebates:

- Any projects that are eligible under the Lighting or Standard Programs
- Retro-commissioning measures
- Projects without a capital purchase of new equipment
- Projects that receive a rebate through any other energy efficiency program offered by JEA
- Rely solely on changes in customer behavior
- Merely terminate existing processes, facilities, operations, or vacancies
- Relocate existing processes, facilities, or operations out of JEA's service territory
- Are required by local, state, or federal law; building or other codes, or are standard industry practice
- Produce an electric energy reduction through substitution of another energy source for electricity
- Generate electricity, including cogeneration or renewable energy generation
- Energy Conservation Measures that apply duty cycling technology in air conditioning or heating units
- Energy Conservation Measures are subject to provide 3rd party lab results according to JEA's discretion to qualify for a rebate
- Projects that have a projected pay-back of less than three years.

Items to submit with Custom Application:

- Energy savings calculations and explanations of the savings methodologies
- Lighting workbook not required for Induction lighting projects

Items to submit with Custom Installation Notice:

- Revised energy savings calculations and explanations of the changes to the original submittal (if applicable)
- Dated sales receipt or detailed invoice indicating the total project cost, differentiating the labor and material. (Please note: JEA reserves the right to cancel any project that has not submitted all required supporting documentation within 90 days of the receipt of the initial application.)

Measure Rebate:

The rebate amount for qualifying measures is listed in **Table 1-1**. The rebate may be capped at 50% of incremental cost, or a possible rebate buy down to no less than 3.0 year payback, whichever is less. Projects must also pass JEA's cost effectiveness tests.

Measure Description	Rebate (\$/unit)
Eligible Custom measures	\$0.05 / kWh

Table 1-1: Rebate Amount for eligible Custom Measures

2 Sample Rebate Worksheet

The following is an example for a VFD air compressor.

Parameter	Measure 1	Measure 2	Measure 3
Project type (Retrofit or New Construction)	Retrofit		
Estimated installation date	2/1/13		
Dealer/contractor name	ACME		
Energy efficiency measure (type and description)	Replace an existing 20HP air compressor with a new 20 HP VFD compressor.		
Estimated baseline usage (kWh/yr)	250,000		
Estimated post-retrofit usage (kWh/yr)	200,000		
Estimated savings (kWh/yr)	50,000		
Estimated annual operating hours	8760		
Estimated Project Incremental costs (\$)	\$10,000		
Estimated rebate (\$)	\$2,500		

The annual operation hours of the equipment being replaced

The cost related to this project: equipment, labor, installation

\$0.05 x Estimated Savings
Or
50% of Incremental cost
whichever is lesser

****Be sure to include a copy of the invoice indicating the total project cost (differentiating the labor and material)****

To locate equipment catalog:

- www.jea.com/InvestSmart
- Select Custom Business Energy Upgrades
- Select Custom Equipment Catalog