

2021



InvestSmart Business Energy Upgrades Water Heating Equipment Catalog

01/01/2021

Table of Contents

1 Water Heating1-1

 1.1 Heat Pump Water Heater1-1

 1.2 High-Efficiency Electric Storage Water Heaters.....1-2

2 Sample Rebate Worksheet.....2-1



1 Water Heating

This Equipment Catalog describes the eligibility requirements and rebate amounts for qualifying Water Heating Equipment under the InvestSmart Business Energy Upgrades. It also includes instructions on how to complete the Rebate Application and information regarding any required additional documentation. JEA 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 InvestSmart, 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 1.0 year. Rebates will be capped at \$100,000 per customer per program year.

Pre-qualification of Business Energy Upgrades eligible measures is not required **except** for retrofit lighting equipment and occupancy sensors. Additional eligibility and submittal requirements for **Water Heating Equipment** measures 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 jea.com/investsmart, email jeaeficiencyrebates@nexant.com, or contact Customer Service Center 888-345-4609.

1.1 Heat Pump Water Heater

Measure Description:

A qualifying Heat Pump Water Heater is a newer technology that is 50% more efficient than a standard electric water heater by reclaiming energy from the air, water, and ground to directly heat water.

Applicability:

Best for businesses that require a large flow of heated water and continuous air cooling and/or dehumidification, such as hotels, hospitals, and certain manufacturing facilities.



Eligibility:

The eligibility criteria for the heat pump water heater are:

- Must have a minimum Coefficient of Performance (COP) of 3.0, based on 120 degree (or greater) leaving water temperature.
- Must be installed with a pre-heat tank or special tank controls, in order to minimize back-up strip element use and to maximize efficiency.
- Must be compliant with all local, state and national codes regarding the installation and operation of water heating equipment.

Items to submit with Rebate Application:

- 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.)
- Manufacturer's specification sheets demonstrating compliance with eligibility requirements.

Instructions for Rebate Application:

In the Rebate Application, fill in the following:

- "Efficiency" as the unit's COP rating (3.0 or better to qualify).
- "Measure Size" as the rated cooling ton(s) of the installed unit.

Measure Rebate:

The rebate amount for qualifying measures is listed in **Table 1-1**.

Equipment Code	Measure Description	Rebate (\$ / Unit)
HWHPWH	Heat Pump Water Heater	\$60/ton

Table 1-1 Heat Pump Water Heater Rebate Amount

1.2 High-Efficiency Electric Storage Water Heaters

Measure Description:

High-efficiency electric storage water heaters can offer a 10-20% energy savings compared to heaters with lower Energy Factors (EF).

Eligibility:

The eligibility criteria for the high-efficiency electric storage water heater are:

- Must replace an existing electric water heater.



- Must have an EF of 0.91 or greater, and be a residential-style electric storage water heater. Go to www.ahrirectory.org for a list of qualifying water heaters and the corresponding EF.
- Must be 40 gallons or more.
- Must be compliant with all local, state and national codes regarding the installation and operation of water heating equipment.

Exclusions:

- New construction is NOT eligible for this rebate.

Items to Submit with Rebate Application:

- 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.)
- Manufacturer's specification sheets demonstrating compliance with eligibility requirements.

Instructions for Rebate Application:

On the Rebate Application, fill in the following:

- "Efficiency" as the EF value listed for efficiency.
- "Measure Size" as the gallon(s) of the unit installed.

Measure Rebate:

The rebate amount for qualifying measures is listed in **Table 1-2**.

Equipment Code	Measure Description	Rebate (\$ / Unit)
HWESWH	High-Efficiency Electric Storage Water Heater	\$30/heater

Table 1-2 High Efficiency Electric Storage Water Heater Rebate Amount

2 Sample Rebate Worksheet

SAMPLE REBATE WORKSHEET

The following is an example for a newly installed 40 gallon electric storage water heater

Parameter	Measure 1	Measure 2	Measure 3
Equipment code	HWESWH		
Project type (Retrofit or New Construction)	Retrofit		
Installation date	1/15/2013		
Equipment location (e.g. roof, mechanical room)	Mechanical Room		
Equipment end use (e.g. supply fan, CHW pump)	Water Heating		
Age of replaced equipment (for retrofits)	NA		
Dealer name	Acme		
Manufacturer	Widget, LLC		
Model number	ABC123		
Serial Number (if no serial number, use NA)	X14G234789356		
Annual operating hours	8,760		
Efficiency(ies) (as described in Equipment Catalog)	.91		
Measure size (as described in Equipment Catalog)	40		
Measure rebate (\$) (e.g. HVAC: \$50/ton*10 tons=\$500)	\$30		
Number of measures	1		
Total rebate (\$) (# of Measures*Measure Rebate)	\$30		

****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 Water Heating
- Select Water Heating Rebate Details and Eligibility

