

PPL Electric Utilities Energy Efficiency and Conservation Program

Appliances and Office Equipment Measures

Measure	Qualification	Incentive Amount
Ice Maker	ENERGY STAR Rated	\$115/Unit
Computers	ENERGY STAR Rated	\$3.00/Unit
Scanners	ENERGY STAR Rated	\$3.00/Unit
All-in-Ones	ENERGY STAR Rated	\$3.00/Unit
Water Coolers	ENERGY STAR Rated	\$3.00/Unit
Fax Machine	ENERGY STAR Rated	\$3.00/Unit
Printers	ENERGY STAR Rated	\$3.00/Unit
Monitors (displays)	ENERGY STAR Rated	\$3.00/Unit
Copiers Monochrome Product Speed (ipm) 25 or less*	ENERGY STAR Rated	\$15.00/Unit
Copiers Monochrome Product Speed (ipm) < 25 or > 50	ENERGY STAR Rated	\$30.00/Unit
Copiers Monochrome Product Speed (ipm) 50 or greater	ENERGY STAR Rated	\$45.00/Unit
Electric Steam Cooker	ENERGY STAR Rated	\$40/Unit

All Information Subject to Change

Current as of 3/26/10

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Ice Maker

Measure Description: Measure incentivizes the installation of high-efficiency ENERGY STAR Commercial Ice Makers.

Equipment Eligibility: Must be ENERGY STAR qualified.

Incentive:

Measure	Qualification	Incentive Amount
Ice Maker	ENERGY STAR	\$115/unit

Detailed Information: High efficiency commercial ice makers use high efficiency compressors and fan motors, thicker insulation, and other measures to achieve 15% more efficiency than the baseline measure, which is a conventional automatic commercial ice maker.¹

There are three main types:

Ice Making Head (IMH) - A model with the ice-making mechanism and the condensing unit in a single package, but with a separate ice storage bin.

Remote Condensing Unit (RCU) or Split System Unit - A model in which the ice-making mechanism and condenser or condensing unit are in separate sections.

Self-Contained (SCU) - A model in which the ice-making mechanism and storage compartment are in an integral cabinet.

ENERGY STAR Commercial Ice Machines Criteria (effective January 1, 2008)

Commercial ice machines must meet the energy and water efficiency standards below to be eligible for ENERGY STAR. Ice machines that use water-cooled technology as well as flake and nugget ice machines are not eligible for ENERGY STAR under Version 1.0. EPA intends to include flake and nugget ice machines once a test standard is made available and a robust database is established that may be used to derive performance requirements.

All ENERGY STAR requirements of harvest rate, energy use limit, and potable water use can be found on ENERGY STAR's [Commercial Ice Machines Qualified Product List](#).

¹ Consortium for Energy Efficiency (CEE)
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Table 1: Efficiency Requirements for Commercial Cubed Ice Machines			
Equipment Type	Harvest Rate, H (lbs ice/day)	Energy Use Limit (kWh/100 lbs ice)	Potable Water Use Limit (gal/100 lbs ice)
Air-Cooled			
IMH	< 450	9.23 – 0.0077H	<= 25
	>= 450	6.20 – 0.0010H	<= 25
RCU (without remote compressor)	< 1000	8.05 – 0.0035H	<= 25
	>= 1000	4.64	<= 25
RCU (with remote compressor)	< 934	8.05 – 0.0035H	<= 25
	>= 934	4.82	<= 25
SCU	< 175	16.7 – 0.0436H	<= 35
	>= 175	9.11	<= 35

Source: http://www.energystar.gov/index.cfm?c=comm_ice_machines.pr_comm_ice_machines

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Appliances and Office Equipment Measures

Office Equipment

Measure Description: Measure incentivizes the installation of ENERGY STAR Office equipment includes computers, computer monitors (displays), copiers, fax machines, printers, scanners, all-in-ones, and water coolers.

Equipment Eligibility: Must be ENERGY STAR qualified.

Incentive:

Measure	Qualification	Incentive Amount
Computers	Energy Star	\$3.00/unit
Scanners	Energy Star	\$3.00/unit
All-in-Ones	Energy Star	\$3.00/unit
Water Coolers	Energy Star	\$3.00/unit
Fax Machine	Energy Star	\$3.00/unit
Printers	Energy Star	\$3.00/unit
Monitors (displays)	Energy Star	\$3.00/unit
Copiers Monochrome Product Speed (ipm) 25 or less*	Energy Star	\$15.00/unit
Copiers Monochrome Product Speed (ipm) < 25 or > 50	Energy Star	\$30.00/unit
Copiers Monochrome Product Speed (ipm) 50 or greater	Energy Star	\$45.00/unit
* (ipm) = images per minute		

Detailed Information: Office Equipment that has earned the ENERGY STAR helps save energy through special energy-efficient designs, which allow them to use less energy to perform regular tasks, and automatically enter a low-power mode when not in use.

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Appliances and Office Equipment Measures

Electric Steam Cooker

Measure Description: Measure incentivizes the installation of electric ENERGY STAR qualified Steam Cookers typically used in restaurant applications.

Equipment Eligibility: Must be electric model and ENERGY STAR qualified.

Incentive:

Measure	Qualification	Incentive Amount
Electric Steam Cooker	ENERGY STAR	\$40/unit

Detailed Information: ENERGY STAR qualified steam cookers include both electric and gas models. Steam cookers that earn the ENERGY STAR must meet a minimum cooking efficiency of 50 percent (electric) and 38 percent (gas) while also meeting maximum idle energy rates. Idle energy rates are given for 3-, 4-, 5-, and 6-pan sizes.

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