Energy Efficiency Business Rebates - Other Technology Catalog



		Other Technology Products			
Solution	Product Code	Product Description	Units	\$/Unit	Page #
	O-A1	Reflective Window Film (Coastal)		\$1.35	<u>2</u>
Reflective Window Film	O-A2	Reflective Window Film (Inland)	Square Foot	\$1.35	<u>2</u>
	O-A3	Reflective Window Film (Desert)		\$1.35	<u>2</u>
Low Flow Showerhead*	SD-B1	Low Flow Showerhead	Showerhead	\$20.00	<u>2</u>
Network Power Management Software	SD-C1	Network Power Management Software	Desktop Computer	\$15.00	<u>3</u>
Refrigerator	SD-E1	Early Retirement Refrigerator	Unit	\$275.00	<u>3</u>
Vending Machine Controller*	R-O1	Vending Machine Controller	Controller	\$100.00	4
Variable Frequency Drives	O-B1	Variable Frequency Drives (VFD's) *Requires Pre- Inspection	Нр.	\$110.00	<u>4</u>
Irrigation	O-C1	Sprinkler to Drip Irrigation	Acre	\$44.00	<u>5</u>
Sprinkler Nozzles	O-D1	Low Pressure Sprinkler Nozzles	Nozzle	\$1.15	<u>5</u>
Greenhouse Heat Curtain	G-K1	Greenhouse Heat Curtain *Requires Pre-Inspection	Square Foot	\$0.40	<u>6</u>
Infrared Film	G-L1	Infrared Film for Greenhouses	Square Foot	\$0.05	<u>7</u>

GENERAL REQUIREMENTS

- Customers must have a SDG&E commercial electric account if applying for an electric measure, and an SDG&E gas account if applying for a gas measure
- Everything must be installed and operational before a rebate application is submitted
- All rebates apply toward the purchase of new or replacement energy-efficient equipment, unless otherwise indicated. Used or rebuilt equipment is not eligible

^{*}Product is offered at no cost for customers with monthly electrical demand under 100 kilowatts (kW) through our Direct Install Program. For details visit sdge.com/directinstall or call our Energy Savings Center at 1-800-644-6133

Reflective Window Film

To convert Shading Coefficient (SC) to Solar Heat Gain Coefficient (SHGC), use the following equation: $SHGC = SC \times .87$

Requirements:

- Film must have a minimum 5-year manufacturer's warranty
- Space must be cooled by vapor-compression air conditioner (evaporative-cooled space not eligible).
 Rebates are not available for windows with northern exposure (± 45 degrees of due north)
- Must be applied to clear, <u>single-pane</u> glass and meet one of the following:
 - o Film must have a SHGC less than 0.39
 - Or film can have a SHGC less than 0.47 and visible transmittance/solar heat gain coefficient (VT/SHGC) ratio greater than 1.3
- Specification and square footage installed must be documented on the invoice

Reflective Window Film Table

Product Code	Description	Rebate/Unit
O-A1	Reflective Window Film (Coastal)	\$1.35/square foot
O-A2	Reflective Window Film (Inland)	\$1.35/square foot
O-A3	Reflective window Film (Desert)	\$1.35/square foot

Low-Flow Showerhead

Requirements:

 Must replace a standard showerhead and have a flow stream of 1.5 gallons per minute (gpm) or less at 80 pounds per square inch (psi)

Low-Flow Showerhead Table

Product Code	Description	Rebate/Unit	
SD-B1*	Low-Flow Showerhead	\$20.00/showerhead	

Network Power Management Software

Requirements:

- Software must be installed that automatically controls the power settings of networked personal computers (PC) at the server level. Computer laptops are not eligible
- The software must be capable of managing power consumption for each individual PC
- In addition, the software must be capable of reporting energy saving results
- Customers must provide:
 - A copy of the software license agreement
 - A report directly from the network Energy Management software that verifies the number of PCs that are being controlled by the system
 - o A list of license numbers serving the system

Network Power Management Software Table

Product Code	Description	Rebate/Unit	
SD-C1	Network Power Management Software	\$15.00/desktop computer	

Early Retirement Refrigerator

Requirements:

- Units must be ENERGY STAR compliant and a minimum of 14 cubic feet. Compliant refrigerators can be found on the ENERGY STAR website at: http://www.energystar.gov/refrigerators
- The new residential sized refrigerators must replace working refrigerators of at least 14 cubic feet
- Old, replaced refrigerators must be recycled. Cannot recycle using a program funded by the Public Goods Charge (i.e. ARCA)
- A recycling certification must be included with the invoice and can be found on the website: <u>www.sdge.com/businessrebates</u>

Early Retirement Refrigerator Table

Product Code	Description	Rebate/Unit
SD-E1	Early Retirement - Refrigerator	\$275.00/unit

Vending Machine Controller

Requirements:

- Intended for refrigerated vending machines containing only non-perishable bottled and canned beverages
- Controller must include a passive infrared occupancy sensor to turn off fluorescent light and compressor when surrounding area is unoccupied for 15 minutes or longer
- Control logic should periodically power up machine at two-hour intervals to maintain product temperature and provide compressor protection
- Refurbished vending machines that include this option are eligible

Vending Machine Controller Table

Product Code	Description	Rebate/Unit
R-01*	Vending Machine Controller	\$100.00/controller

Variable Frequency Drives (VFDs) * Requires Pre-Inspection

Requirements:

- Pre-inspection required, to schedule contact our Energy Savings Center at 1-800-644-6133
- VFD incentives are for fan applications on **existing** HVAC systems.
- Rebates are not available for installation of VFDs on new air handling units.
- The maximum fan size is 100 hp
- The installation of a VFD on a HVAC fan is eligible for a rebate only if throttling devices, such as inlet vanes, bypass dampers and throttling valves, are removed or permanently disabled

Additional Details:

• A 3% impedance choke is recommended

Variable Frequency Drives (VFDs) Table

Product Code	Description	Rebate/Unit
O-B1	Variable Frequency Drives (VFDs)	\$110.00/hp

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Sprinkler to Drip Irrigation

Requirements:

 Must convert from a high-pressure, impact-type, sprinkler irrigation system (50 psi operating pressure or more at the sprinkler head) to a micro-irrigation system. Include an Assessor's Parcel Map or other documentation to verify acreage

Exclusions:

- Drip tape systems are not eligible
- Not applicable to new plantings of vineyards or orchards unless a vineyard or orchard was the previous crop on the field

Sprinkler to Drip Irrigation Table

Product Code	Description	Rebate/Unit
O-C1	Sprinkler to Drip Irrigation	\$44.00/acre

Low Pressure Sprinkler Nozzles

Requirements:

- Must convert from a high-pressure, sprinkler system nozzle (50 psi operating pressure or more at the sprinkler head)
- Must be accompanied by a pumping plant analysis to ensure reasonable pumping efficiency (45% Overall Pumping Efficiency or above) after the conversion
- Portable hand move or solid set systems may apply

Low Pressure Sprinkler Nozzles Table

Product Code	Description	Rebate/Unit
O-D1	Low Pressure Sprinkler Nozzles	\$1.15/nozzle

Greenhouse Heat Curtains

Requirements:

- Pre-inspection required, to schedule pre-inspection contact our Energy Savings Center at 1-800-644-6133
- Only installations of interior curtains for heat retention in existing gas-heated greenhouses qualify
- The rebate applies to new and retrofit curtain system installations in existing greenhouses for specific agricultural end-use
- The agricultural uses include horticultural specialties such as ornamental floriculture, nursery products and food crops grown under cover (NAICS 1114) and landscape and horticultural services (NAICS 541 & 561) which store agricultural products under cover
- Product must be designed by the manufacturer to be a heat curtain, and the installation must have the ability to automatically or manually move the curtain into place
- Curtain must be located such that the gas heat source provides hot air to conditioned space bounded by the curtain
- Curtain material must have an Energy Savings rating of greater than 40% and must have a warranty/product life of 5 years
- Rebate amount is for square footage of curtain material
- Must include the manufacturer's specification sheet documenting type of curtain
- Rebate amount cannot exceed square feet of qualifying curtain material purchased, paid for and properly installed at SDG&E account listed on the rebate form
- Rebate amount also cannot exceed the square feet of floor space covered by the installation of the curtain material
- Rebate amount also cannot exceed the square feet of floor space covered by the installation of the curtain material
- Must provide greenhouse square footage on the Energy Efficiency Business Rebates Application

Exclusions:

Overhang and overlap of curtain material does not qualify for rebate

Greenhouse Heat Curtains Table

Product Code	Description	Rebate/Unit
G-K1	Greenhouse Heat Curtains	\$0.40/square foot

Infrared Film for Greenhouses

Requirements:

- Installations of single sheet infrared anti-condensate polyethylene plastic with a minimum 6 mil.
 thickness for heat retention on existing heated greenhouses will qualify
- Greenhouses must be for agriculture and floriculture uses (NAICS 1114), as well as landscape and horticultural services (NAICS 541 & 561)
- A manufacturer's specification sheet must be included

Infrared Film for Greenhouses Table

Product Code	Description	Rebate/Unit
G-L1	Infrared Film for Greenhouses	\$0.05/square foot

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