

Business Energy Efficiency Programs

2020 Incentive Change Log

NOTE: This document is intended to be a guide for instructing contractors and customers on the changes occurring between the 2019 and 2020 program years of the Consumers Energy Business Energy Efficiency Programs. In the event of a discrepancy from information on this document and the information within the most up-to-date versions of the program application, catalog or Policies and Procedures manual, the information on those documents is to be considered official instead of the information in this guide.

New Measures

New Measures		Incentive	App	Catalog
Compressed Air				
Compressed Air Leak Repair		\$7.50 per HP	Pg. 18	Pg. 28
Compressed Air Leak Repair with VSD		\$10 per HP	Pg. 18	Pg. 28
Manufacturing				
High-Efficiency Injection Mold Machines with VSD or Servo Hydraulic, 600lb./yr./ton		\$18.00 per Metric Ton	Pg. 20	Pg. 32
Refrigeration, Laundry & Kitchen				
Evaporator Fan Controls with Demand Defrost	Walk-in Cooler	\$5.50 per Ton	Pg. 33	Pg. 62
	Walk-in Freezer	\$45.00 per Ton	Pg. 33	Pg. 62
Building Envelope and Insulation				
Automatic High Speed Doors for Building Exterior		\$0.50 per Square Foot	Pg. 37	Pg. 64
Agricultural				
Mats for Swine Farrowing Crates - Single Mats		\$50.00 per Heating Mat	Pg. 41	Pg. 77
Mats for Swine Farrowing Crates - Double Mats		\$100.00 per Heating Mat	Pg. 41	Pg. 77

Returning Measures

Returning Measures	2019 Incentive	2020 Incentive	App	Catalog
Lighting				
Trim Kits	BIDP	\$8 per Trim Kit	Pg. 11	Pg. 13
Interior Lighting Occupancy Sensors	Up to \$15 per Sensor	Up to \$85 per Sensor	Pg. 13	Pg. 17
Daylight Sensor Controls	BIDP	\$0.09 per Watt Controlled	Pg. 13	Pg. 17
Miscellaneous Electric				
Drinking Water Cooling Miser	BIDP	\$50 per Miser	Pg. 19	Pg. 30
Snack Vending Machine Miser	BIDP	\$25 per Miser	Pg. 19	Pg. 31
HVAC Equipment				
Packaged Terminal Air Conditioning (PTHP) or Heat Pump	BIDP	Up to \$70 per Unit	Pg. 21	Pg. 37
Ductless Air Conditioning or Heat Pump System	BIDP	\$50 per Unit	Pg. 21	Pg. 37
High-efficiency Tank-Style Domestic Water Heater	BIDP	Up to \$275 per Heater	Pg. 24	Pg. 40
Tankless Water Heater	BIDP	Up to \$150 per Unit	Pg. 24	Pg. 40
Building Automation System				
Programmable Thermostat	BIDP	Up to \$48 per Thermostat	Pg. 26	Pg. 45
Web-Based Thermostat	BIDP	Up to \$135 per Thermostat	Pg. 26	Pg. 45
Refrigeration, Laundry & Kitchen				
Energy Efficient Ice Machine	BIDP	Up to \$350 per Unit	Pg. 34	Pg. 62
Commercial Glass Door Refrigerators	BIDP	\$125 per Refrigerator	Pg. 34	Pg. 62
Commercial Solid Door Refrigerators	BIDP	\$125 per Refrigerator	Pg. 34	Pg. 64
Combination Ovens (Electric)	BIDP	\$1,800 per Oven	Pg. 36	Pg. 64
Combination Ovens (Natural Gas)	BIDP	\$1,500 per Oven	Pg. 36	Pg. 64
Commercial Conveyor Oven	BIDP	Up to \$460 per Oven	Pg. 36	Pg. 62
ENERGY STAR® Convection Oven (Electric)	BIDP	\$250 per Oven	Pg. 36	Pg. 65
ENERGY STAR Convection Oven (Natural Gas)	BIDP	\$475 per Oven	Pg. 36	Pg. 65

Returning Measures

Returning Measures	2019 Incentive	2020 Incentive	App	Catalog
Refrigeration, Laundry & Kitchen				
ENERGY STAR Fryer (Electric)	BIDP	\$150 per Unit	Pg. 36	Pg. 65
ENERGY STAR Fryer (Natural Gas)	BIDP	\$500 per Unit	Pg. 36	Pg. 65
Large Vat Fryer	BIDP	\$625 per Unit	Pg. 36	Pg. 65
ENERGY STAR Griddle (Electric)	BIDP	\$300 per Unit	Pg. 36	Pg. 65
ENERGY STAR Griddle (Natural Gas)	BIDP	\$350 per Unit	Pg. 36	Pg. 65
ENERGY STAR Hot Holding Cabinets	BIDP	Up to \$600 per Unit	Pg. 36	Pg. 65
Steam Cooker	BIDP	Up to \$1,650 per Unit	Pg. 36	Pg. 65
ENERGY STAR Steam Cooker	BIDP	Up to \$2,070 per Unit	Pg. 36	Pg. 66
Infrared Charbroiler (Natural Gas)	BIDP	\$950 per Unit	Pg. 36	Pg. 66
Infrared Upright Broiler (Natural Gas)	BIDP	\$750 per Unit	Pg. 36	Pg. 66
Infrared Salamander Broiler (Natural Gas)	BIDP	\$275 per Unit	Pg. 36	Pg. 66
Infrared Rotisserie Oven (Natural Gas)	BIDP	\$225 per Unit	Pg. 36	Pg. 66
Rack Oven Single (Natural Gas)	BIDP	\$920 per Unit	Pg. 36	Pg. 66
Rack Oven Double (Natural Gas)	BIDP	\$1,840 per Unit	Pg. 36	Pg. 66
Pasta Cooker (Natural Gas)	BIDP	\$1,100 per Unit	Pg. 36	Pg. 66
Pre-Rinse Sprayer (Electric)	BIDP	\$30 per Sprayer	Pg. 36	Pg. 66
Pre-Rinse Sprayer (Natural Gas)	BIDP	\$35 per Sprayer	Pg. 36	Pg. 66
Commercial Dishwasher	BIDP	\$250 per Unit	Pg. 36	Pg. 66
Under Counter Dishwasher	BIDP	\$50 per Unit	Pg. 36	Pg. 66

The Refrigeration section is now combined with the Kitchen & Laundry section.

Returning Measures	2019 Incentive	2020 Incentive	App	Catalog
Building Envelope and Insulation				
Automatic Pool Covers	\$0.50 per Cover	Up to \$9,600 per Cover	Pg. 37	Pg. 70
Manual Pool Covers	\$2 per Cover	Up to \$4,800 per Cover	Pg. 37	Pg. 70

Changes to Existing Measures (Requirements)

Measures	2019 Incentive	2020 Incentive	App	Catalog
Lighting				
New Linear LED Tube Fixture (High Bay \geq 15 ft)	\$0.20 per Watt Reduced	\$0.40 per Watt Reduced	Pg. 10	Pg. 12
LED Screw-in Replacing HID	\$0.08 per Watt Reduced	\$0.15 per Watt Reduced	Pg. 10	Pg. 13
Lumens Per Watt Improvement per Year	\$0.10 per kWh	\$0.11 per kWh	Pg. 11	Pg. 13
Lighting Power Density (Exterior)	\$0.40 per Watt Reduced	\$0.45 per Watt Reduced	Pg. 12	Pg. 16
Lighting Power Density (Parking Garage)	\$0.60 per Watt Reduced	\$0.80 per Watt Reduced	Pg. 12	Pg. 16

Moved Linear LED Tube Lights UL Type A, B, and Dual Mode (DM) to the top of the page and moved the Type C down below the A, B, DM options.

Advanced Lighting Controls name has been changed to Network Lighting Controls.

Measures	2019 Incentive	2020 Incentive	App	Catalog
Compressed Air				
Compressed Air Desiccant Dryer, Dewpoint Sensor Control	\$6 per SCFM	\$8 per SCFM	Pg. 17	Pg. 25
Heat of Compressed Air Dryer	\$4 per SCFM	\$6.50 per SCFM	Pg. 17	Pg. 25
Correct Sizing Compressed Air Systems	\$50 per HP	\$95 per HP	Pg. 17	Pg. 27

VFD on a Well Pump up to 100 HP is now VFD on Open Loop Pumping Systems up to 100 HP.

Increased HP for the VSD Air Compressor (50 HP to 500 HP) single and multiple systems with all yours of operation, used to be limited at 300 HP.

Changes to Existing Measures (Requirements)

Measures	2019 Incentive	2020 Incentive	App	Catalog
HVAC Equipment				
Air-Cooled Chillers	\$13 per kW/Ton	\$7 per kW/Ton	Pg. 22	Pg. 38
Water Cooled Positive Displacement (Screw) Chillers	\$20 per kW/Ton	\$10 per kW/Ton	Pg. 22	Pg. 38
Water Cooled Centrifugal Chillers	\$20 per kW/Ton	\$10 per kW/Ton	Pg. 22	Pg. 38
Condensing Rooftop Unit	\$10 per MBH	\$20 per MBH	Pg. 23	Pg. 40

Chiller incentives are based on FLV and IPLV.

HVAC Boiler minimum efficiency increased from 86% to 88%.

Measures	2019 Incentive	2020 Incentive	App	Catalog
Building Automation Systems				
Web Based Building Automation Systems (BAS) (Natural Gas)	\$0.30 per Ft ²	\$0.40 per Ft ²	Pg. 25	Pg. 41
Light Commercial Building Automation Systems (Electric and Natural Gas)	\$0.30 per Ft ²	\$0.50 per Ft ²	Pg. 25	Pg. 42
Light Commercial Building Automation Systems (Natural Gas)	\$0.17 per Ft ²	\$0.30 per Ft ²	Pg. 25	Pg. 42
Optimal Start on Air Handling Units (Electric and Natural Gas)	\$0.10 per Ft ²	\$0.15 per Ft ²	Pg. 25	Pg. 42
Optimal Start on Air Handling Units (Natural Gas)	\$0.03 per Ft ²	\$0.05 per Ft ²	Pg. 25	Pg. 42
Optimal Start on Air Handling Units (Electric)	\$0.05 per Ft ²	\$0.07 per Ft ²	Pg. 25	Pg. 42
Chilled Water Reset Retrofit (10 degrees) (Electric)	\$50 per Ton	\$100 per Ton	Pg. 25	Pg. 44
Enhanced Ventilation Control - Air Conditioning and Natural Gas Heat	\$250 per Ton	\$300 per Ton	Pg. 25	Pg. 44
Demand Control Ventilation (Natural Gas)	\$0.10 per Ft ²	\$0.25 per Ft ²	Pg. 26	Pg. 47
Demand Control Ventilation and Occupancy Sensors for HVAC (Electric and Natural Gas)	\$0.16 per Ft ²	\$0.20 per Ft ²	Pg. 26	Pg. 47
Demand Control Ventilation and Occupancy Sensors for HVAC (Natural Gas)	\$0.12 per Ft ²	\$0.15 per Ft ²	Pg. 26	Pg. 47

Hotel Guest Room Occupancy Sensor unit measure changed from Sensors to Room Controlled

Circulation, Exhaust or Ventilation Fans maximum diameter increased from 71 to 72 inches.

Changes to Existing Measures (Requirements)

Measures	2019 Incentive	2020 Incentive	App	Catalog
Advanced Air Distribution and Energy Recovery				
Refrigeration Waste Heat Recovery Decreasing HVAC Heating Load	\$100 per Unit	\$125 per Unit	Pg. 28	Pg. 52
Water-side Economizer: Air-Cooled Chiller	\$120 per Ton	\$150 per Ton	Pg. 29	Pg. 53
Tune-up/Maintenance				
Natural Gas Furnace or RTU Tune-up (40-299 MBH)	\$50 per Unit	\$100 per Unit	Pg. 31	Pg. 58
Refrigeration, Laundry & Kitchen				
Scroll Refrigeration Compressor	\$35 per Ton	\$40 per Ton	Pg. 33	Pg. 60
Floating Head Pressure Control (Grocery Store)	\$80 per Ton	\$150 per Ton	Pg. 33	Pg. 60
Floating Head Pressure Control (Industrial Process Cooling & Refrigerated Warehouse)	\$100 per Ton	\$125 per Ton	Pg. 33	Pg. 60
Refrigeration Light Reduction (-20° F to 0° F)	\$0.18 per Watt Reduced	\$0.20 per Watt Reduced	Pg. 33	Pg. 61
Cooler or Freezer Defrost Control	\$15 per Ton	\$20 per Ton	Pg. 33	Pg. 61
Evaporator Fan Demand Control - Electronically Commutated Motor	\$30 per Unit	\$35 per Unit	Pg. 33	Pg. 62
Evaporator Fan Demand Control - Shaded Pole Motor	\$120 per Unit	\$130 per Unit	Pg. 33	Pg. 62
Refrigeration Case Electronically Commutated Motor (ECM)	\$70 per Motor	\$90 per Motor	Pg. 33	Pg. 62
Walk-In Electronically Commutated Motor replacing Non-EC Motor	\$100 per Motor	\$150 per Motor	Pg. 33	Pg. 62
Occupancy Sensors for LED Refrigeration Lighting	\$15 per Door	\$20 per Door	Pg. 33	Pg. 62
No Heat Reach-In Case Doors - Without Anti-Sweat Heater Control	\$150 per Door	\$200 per Door	Pg. 34	Pg. 63
No Heat Reach-In Case Doors - With Anti-Sweat Heater Control	\$25 per Door	\$30 per Door	Pg. 34	Pg. 63
Strip Curtains (Cooler 40° F)	\$6 per Ft ²	\$8 per Ft ²	Pg. 34	Pg. 63
Strip Curtains (Freezer 0° F)	\$9 per Ft ²	\$25 per Ft ²	Pg. 34	Pg. 63
Door Gasket Seals	\$2 per Linear Ft	\$5 per Linear Ft	Pg. 34	Pg. 64

Changes to Existing Measures (Requirements)

Measures	2019 Incentive	2020 Incentive	App	Catalog
Agricultural				
Farm Energy Audit as Defined By USDA (Tier 2)	\$1,000 per Unit	\$1,500 per Unit	Pg. 39	Pg. 73
Fan Thermostat Controller	\$100 per HP	\$190 per HP	Pg. 39	Pg. 75
LED Grow Lights	\$0.50 per Watt Reduced	\$0.70 per Watt Reduced	Pg. 40	Pg. 77

EER intervals added to Scroll Compressor for Dairy Refrigeration with/without Heat Exchanger

- With/without Heat Exchangers, EER 10.5 to 11.49 (AG201, AG202)
- With/without Heat Exchangers, EER \geq 11.5 (AG203, AG204)

New to Business Instant Discount Program

- Commercial Kitchen Ventilation - Control