



Commercial Energy Services

2017 Northern Retrofit Incentive Summary

Retrofit - Interior Lighting			
Measure	Size/Type	Unit	Incentive
Standard T8 to RW T8	4-foot lamp	Lamp	\$1.00
Delamp T8 Lamps	4-foot lamp	Lamp	\$3.00
HID to T8/T5	Any	Watt Reduced	\$0.30
Bi-Level Stairwell/Hall /Garage LED Fixtures With Sensors		Watt Controlled	\$0.40
Occupancy Sensors	Wall Box	Sensor	\$12.00
Occupancy Sensors	Ceiling Mount	Sensor	\$30.00
Occupancy Sensors	HB T5/T8 Sensor	Sensor	\$20.00
Occupancy Sensors	HB LED Sensor	Sensor	\$14.00
Daylighting Controls		Watt Controlled	\$0.10
Retrofit - LED (Interior, Exterior, Garage Lighting)			
Interior LED Lamp/Fixture	Interior	Watt Reduced	\$0.30
Interior LED Lamp, Hotel Guestroom	Interior	Watt Reduced	\$0.10
LED Exit Signs		Sign	\$22.00
LED Refrigerated Case Lighting		Lamp	\$25.00
Occ Sensor on Refrigerated Case	Enclosed	Door	\$12.00
Occ Sensor on Refrigerated Case	Open	LF of Case	\$4.00
LED Channel Sign	≤ 2 Feet (Inside)	Letter	\$10.00
LED Channel Sign	> 2 Feet (Inside)	Letter	\$25.00
LED Channel Sign	≤ 2 Feet (Outside)	Letter	\$10.00
LED Channel Sign	> 2 Feet (Outside)	Letter	\$25.00
Garage LED 24/7 Replacing HID	24/7 Operation	Watt Reduced	\$0.35
Exterior LED 12 Hr Replacing HID	12 Hour Operation	Letter	\$0.25
Retrofit-Exterior and Garage Lighting			
Induction 24/7 Replacing HID	24/7 Operation	Watt Reduced	\$0.35
Induction 12 Hr Replacing HID	12 Hour Operation	Watt Reduced	\$0.25
Garage Hard-Wired CFL ≤ 29W		Fixture	\$25.00
Garage Hard-Wired CFL ≥ 30W		Fixture	\$40.00
Exterior Hard-Wired CFL ≤ 29W		Fixture	\$25.00
Exterior Hard-Wired CFL ≥ 30W		Fixture	\$40.00
Garage High Wattage Screw-In CFL	24/7 Operation	Watt Reduced	\$0.20
Exterior High Wattage Screw-In CFL	12 Hour Operation	Watt Reduced	\$0.15
New Garage Fixture T8/T5	24/7 Operation	Watt Reduced	\$0.35
New Exterior Fixture T8/T5	12 Hour Operation	Watt Reduced	\$0.25

Retrofit - Commercial Kitchen		
Measure	Unit	Incentive
HE Fryer	Vat	\$200.00
Large Vat Fryer	Vat	\$200.00
HE Griddle	Griddle	\$300.00
Convection Oven	Oven	\$350.00
Combination Oven	Oven	\$1,000.00
Steam Cooker	Steamer	\$750.00
HE Holding Cabinets, Full Size	Cabinet	\$300.00
HE Holding Cabinets, 3/4 Size	Cabinet	\$250.00
HE Holding Cabinets, 1/2 Size	Cabinet	\$200.00
Ventilation Control - Retrofit	HP	\$350.00
Ventilation Control - New Hood	HP	\$300.00
Anti-Sweat Heater Controls	Door	\$40.00
EC Motors: Walk-in Boxes	Motor	\$40.00
EC Motors: Refrigerated Cases	Motor	\$30.00
Evaporator Fan Controller	Controller	\$35.00
ENERGY STAR® Tier II Vending Machine Refurbishment Kit	Kit	\$75.00
Vending Machine Controls	Controller	\$90.00
Snack Machine Controls	Controller	\$15.00
Floating Head Pressure Controls	HP	\$35.00
Reach-In Cooler Controls	Controller	\$30.00
Ice Machine ES/CEE I <300	Machine	\$50.00
Ice Machine ES/CEE I 300-500	Machine	\$75.00
Ice Machine ES/CEE I 500-1000	Machine	\$125.00
Ice Machine ES/CEE I 1000-1500	Machine	\$200.00
Ice Machine ES/CEE I >1500	Machine	\$250.00
Ice Machine CEE II <300	Machine	\$100.00
Ice Machine CEE II 300-500	Machine	\$150.00
Ice Machine CEE II 500-1000	Machine	\$250.00
Ice Machine CEE II 1000-1500	Machine	\$400.00
Ice Machine CEE II >1500	Machine	\$500.00
Refrigerator SD ES < 15 cf	Refrigerator	\$50.00
Refrigerator SD ES 15 ≤ V < 30 cf	Refrigerator	\$75.00
Refrigerator SD 30 ≤ V < 50 cf	Refrigerator	\$90.00
Refrigerator SD ES ≥ 50 cf	Refrigerator	\$125.00
Freezer SD ES < 15 cf	Freezer	\$60.00
Freezer SD ES 15 ≤ V < 30 cf	Freezer	\$75.00
Freezer SD ES 30 ≤ V < 50 cf	Freezer	\$80.00
Freezer SD ES ≥ 50 cf	Freezer	\$200.00
Refrigerator GD ES <15 cf	Refrigerator	\$50.00
Refrigerator GD ES 15 ≤ V < 30 cf	Refrigerator	\$75.00
Refrigerator GD 30 ≤ V < 50 cf	Refrigerator	\$90.00
Refrigerator GD ≥ 50 cf	Refrigerator	\$125.00
Freezer GD ES < 15 cf	Freezer	\$60.00
Freezer GD ES 15 ≤ V < 30 cf	Freezer	\$75.00
Freezer GD ES 30 ≤ V < 50 cf	Freezer	\$80.00
Freezer GD ES ≥ 50 cf	Freezer	\$200.00
Retrofit – Transformer and UPS		
Single & Three Phase High Eff. Transformer	Per Unit	Varies ¹
Single & Three Phase High Eff. Transformer - incremental	Per 0.01% Above Qual.	Varies ¹
High Eff. UPS - Single & Multi-Normal	Output kW	Varies ²

Retrofit - Miscellaneous		
Measure	Unit	Incentive
Escalator Motor Controllers (EMC)	HP	\$20.00
VSD Pool Pump & Scheduling Control	HP	\$150.00
Compressed Air Engineered Nozzles	Nozzle	\$10.00
Demand Control Ventilation - Parking Garage	HP	\$90.00
High Efficiency Battery Chargers	Charger	\$225.00
Irrigation Nozzles	Nozzle	\$3.00
Irrigation Sprinklers	Sprinkler	\$2.50
Irrigation Regulators	Regulator	\$3.50
Irrigation Gaskets	Gasket	\$2.00
Retrofit - Cooling		
Measure	Unit	Incentive
Air-Cooled Units		
(<=65 kBtuh), Qual EER	Ton	\$10.00
(65 kBtuh), 1 Additional EER	Ton	\$5.00
(>65-135 kBtuh), Qual EER	Ton	\$10.00
(>65-135 kBtuh), 1 Additional EER	Ton	\$7.00
(>135-240 kBtuh), Qual EER	Ton	\$15.00
(>135-240 kBtuh), 1 Additional EER	Ton	\$8.00
(>240 kBtuh) Qual EER	Ton	\$15.00
(>240 kBtuh) 1 Additional EER	Ton	\$8.00
Water-Cooled Units, EER=14	Ton	\$15.00
Water-Cooled Units, 1 Additional EER	Ton	\$6.00
PTAC/PTHP, Qual EER	Ton	\$35.00
PTAC/PTHP, 1 Additional EER	Ton	\$15.00
Programmable Thermostat	Each	\$25.00
Window Film	Sq. Foot	\$0.50
VSD on HVAC Fans and Pumps	HP	\$45.00
Hotel HVAC Occupancy Sensors	Guestroom	\$50.00
Demand Control Ventilation-Interior	1,000 Sq. Ft	\$50.00
Air Side Economizers	Ton	\$25.00
Retrofit – Custom		
	On-Peak	Non-On-Peak
Custom Incentive	\$0.10/kWh	\$0.05 /kWh
On-Peak/Non-On-Peak Time Periods		
On-Peak		
July-September (Summer)	1 p.m. - 6 p.m.	Weekdays
October-June (Winter)	5 p.m. - 9 p.m.	7 Days/Wk
Non-On-Peak		
July-September (Summer)	6 p.m. - 1 p.m.	Weekdays
	Midnight to Midnight	Saturday / Sunday
October-June (Winter)	9 p.m. - 5 p.m.	7 Days/Wk

¹ Incentive varies by transformer size, see application.

² Incentive varies by UPS size and input dependency characteristics, see application.

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New Construction - Lighting Power Density		
Measure	Unit	Incentive
Interior Lighting Power Density, 10% Better Than IECC 2009	kw	\$350.00
Interior Lighting Power Density, 25% Better Than IECC 2009	kw	\$465.00
Interior Lighting Power Density, 5% Better Than IECC 2012	kw	\$400.00
Interior Lighting Power Density, 20% Better Than IECC 2012	kw	\$525.00

New Construction - Lighting		
Measure	Unit	Incentive
Day Light Dimming System (Not Available for IECC 2012 Applications)	Connected Watt	\$0.10

New Construction - Performance Based / Whole Building		
Approach	On-Peak Incentive	Non-On-Peak Incentive
Performance Based - 10% Better Than IECC 2009	\$0.10 per kWh	\$0.06 per kWh
Performance Based - 25% Better Than IECC 2009	\$0.13 per kWh	\$0.07 per kWh
Whole Building - 10% Better Than IECC 2009	\$0.10 per kWh	\$0.06 per kWh
Performance Based - 5% Better Than IECC 2012	\$0.11 per kWh	\$0.07 per kWh
Performance Based - 20% Better Than IECC 2012	\$0.15 per kWh	\$0.08 per kWh
Whole Building - 5% Better Than IECC 2012	\$0.11 per kWh	\$0.07 per kWh

On-Peak/Non-On-Peak Time Periods		
On-Peak		
July - September (Summer)	1 p.m. - 6 p.m.	Weekdays Only
October - June (Winter)	5 p.m. - 9 p.m.	7 Days per Week
Non-On-Peak		
July - September (Summer)	6 p.m. - 1 p.m.	Weekdays
	Midnight to Midnight	Saturday / Sunday
October-June (Winter)	9 p.m. - 5 p.m.	7 Days per Week

Please refer to 2017 Commercial Energy Services Retrofit Specifications document for complete specifications
Version 1/10/2017

New Construction - Cooling / Misc.			
Measure	Unit	IECC 2009 / IECC 2012 Incentive	IECC 2012 C406 ¹ Incentive
Air-Cooled Units			
(<=65 kBtuh), Qual EER	Ton	\$10.00	\$12.00
(<=65 kBtuh), 1 Additional EER	Ton	\$5.00	\$6.00
(>65 to 135 kBtuh), Qual EER	Ton	\$10.00	\$12.00
(>65 to 135 kBtuh), 1 Additional EER	Ton	\$7.00	\$8.00
(>135 to 240 kBtuh), Qual EER	Ton	\$15.00	\$18.00
(>135 to 240 kBtuh), 1 Additional EER	Ton	\$8.00	\$10.00
(>240 kBtuh) Qual EER	Ton	\$15.00	\$18.00
(>240 kBtuh) 1 Additional EER	Ton	\$8.00	\$10.00
Water-Cooled Units, EER=14	Ton	\$15.00	\$18.00
Water-Cooled Units, 1 Additional EER	Ton	\$6.00	\$7.00
PTAC/PTHP, Qual EER	Ton	\$42.00	\$42.00
PTAC/PTHP, 1 Additional EER	Ton	\$18.00	\$18.00
Flat Plate Heat Exchanger ²	HX Tons	\$15.00	N/A
Variable Speed Drive	per HP	\$45.00	N/A

¹Incentives for projects subject to Section C406 of IECC 2012.

²Flat Plate Heat Exchangers are required by IECC 2012 and thus not eligible for incentive.

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Freezer GD ES 30 ≤ V < 50 cf	Freezer	\$80.00
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