

Energy-Efficiency Services

Energy Conscious Blueprint / Energy Opportunities Equipment Replacement

Connecticut Light & Power (CL&P)

Prescriptive Incentives for HVAC, Chillers, and Variable Frequency Drives

In order to be eligible for the listed incentives, all projects must have a signed Letter of Agreement (LOA) prior to the installation of energy-efficiency measures. If the project involves only qualifying HVAC, then the appropriate Express Rebate forms should be used. For other energy-efficiency measures, please contact your CL&P representative.

HVAC

MINIMUM EFFICIENCY LEVELS AND INCENTIVES

Unitary or Split-System HVAC Equipment (including ductless split-systems)		Tier 1		Tier 2	
Size		Minimum Qualifying SEER/EER	Rebate \$/Ton	Minimum Qualifying SEER/EER	Rebate \$/Ton
Tons	BTUs				
< 5.4	< 65,000	14.0 SEER	\$50	15.0 SEER	\$85
≥ 5.4 to < 11.25	≥ 65 to < 135M	11.5 EER	\$50	12.1 EER	\$85
≥ 11.25 to < 20	≥ 135 to < 240M	11.5 EER	\$50	12.0 EER	\$85
≥ 20 to ≤ 30	≥ 240M to ≤ 375M	10.8 EER	\$75	11.5 EER	\$120
> 30 to < 63.33	> 375M to < 760M	10.5 EER	\$70	10.8 EER	\$120
≥ 63.33	≥ 760M	9.7 EER	\$70	10.2 EER	\$120

HVAC CONTROLS

- Dual enthalpy economizer controls are eligible for \$250 per unit rebate.
- Rebates for economizer controls available only when installed with new HVAC units.
- Rebates for controls applicable for Unitary Systems only and must have electric air conditioning.
- Ductless mini split systems must have Inverter Technology.

ELIGIBILITY REQUIREMENTS

Air Source Heat Pump Equipment (including ductless split-systems)		Tier 1		Tier 2		
Size		Type	Minimum Qualifying SEER/ EER/ HSPF	Rebate \$/Ton	Minimum Qualifying SEER/EER/ HSPF	Rebate \$/Ton
Tons	BTUs					
< 5.4	< 65,000	Split System	14.0 SEER & 8.5 HSPF	\$80	15.0 SEER & 9.0 HSPF	\$150
		Single Pkg	14.0 SEER & 8.5 HSPF	\$80	15.0 SEER & 8.5 HSPF	\$150
≥ 5.4 to < 20.0	≥ 65 to < 240 M	All	11.5 EER	\$80	12.0 EER	\$150
≥ 20 to ≤ 30	≥ 240 to ≤ 375 M	All	10.5 EER	\$70	10.8 EER	\$120

ELIGIBILITY REQUIREMENTS

Water Source Heat Pump Equipment		Minimum Qualifying EER	Rebate \$/Ton
Tons	BTUs	14.0	\$150
< 11.25	< 135,000		

ELIGIBILITY REQUIREMENTS

Ground Water – Water Source Heat Pump Equipment (Open Loop)		Minimum Qualifying EER and COP	Rebate \$/Ton
Tons	BTUs	18.0 EER and 4.0 COP	\$150
< 11.25	< 135,000		

ELIGIBILITY REQUIREMENTS

Ground Loop – Water Source Heat Pump Equipment (Closed Loop)		Minimum Qualifying EER and COP	Rebate \$/Ton
Tons	BTUs	15.0 EER and 3.1 COP	\$150
< 11.25	< 135,000		

Chillers – For HVAC Applications

Condenser Type	Capacity (Tons)	Minimum Qualifying IPLV*	Incentive (\$/Tons)
Air Cooled	≤ 100	12.1 EER	\$4.06 + [\$27.84 x (IPLV* -12.1)]
Water Cooled	≤ 100	0.64 kW/ton	\$5.00 + [\$662.50 x (0.64 – IPLV*)]
Evaporative	ALL	Contact your CL&P representative	
All	> 100	Contact your CL&P representative	

* All ratings must be in accordance with ARI Standard 550/590-98.

Variable Frequency Drives for HVAC Applications

Air Handling Fans	
Motor Size (HP)	Incentive *
< 5	\$0
5	\$920
7.5	\$1,310
10	\$1,320
15	\$1,370
20	\$1,760
25	\$2,270
30	\$2,420
40	\$2,480
50	\$3,290
60	\$5,130
75	\$6,190
100	\$7,670

HVAC Pumps	
Motor Size (HP)	Incentive *
< 5	\$0
5	\$1,710
7.5	\$2,100
10	\$2,150
15	\$2,300
20	\$2,730
25	\$3,290
30	\$3,670
40	\$3,770
50	\$4,580
60	\$6,680
75	\$7,730
100	\$9,290

Cooling Tower Fans	
Motor Size (HP)	Incentive *
< 5	\$0
5	\$920
7.5	\$1,310
10	\$1,320
15	\$1,370
20	\$1,760
25	\$2,270
30	\$2,420
40	\$2,480
50	\$3,290
60	\$5,130
75	\$6,190
100	\$7,670

*For new construction or major renovation projects, air handling fans ≥ 15 HP, hot or chilled water pumps > 50 HP, and cooling tower fans ≥ 7.5 HP should have Variable Frequency Drives per ASHRAE 90.1-2004 and therefore are not eligible for incentives.

Incentives listed above represent maximum incentives - actual incentives need to be qualified with energy savings.



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