

Energy-Efficiency Services

Energy Opportunities

Connecticut Light & Power (CL&P)

Prescriptive Incentives for HVAC, Chillers, Motors and Variable Frequency Drives

The incentives and efficiency levels shown below apply to Energy Opportunities projects only. 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 HVAC and/or motors, then the appropriate Express Rebate forms should be used. New construction and/or major renovation projects are not eligible for the Energy Opportunities program and must use the Energy Conscious Blueprint program. For other energy-efficiency measures, contact your CL&P representative.

HVAC

MINIMUM EFFICIENCY LEVELS AND INCENTIVES					
Unitary or Split-System HVAC Equipment		2007 Tier 1		2007 Tier 2	
Size		Minimum Qualifying SEER/EER	Rebate \$/Ton	Minimum Qualifying SEER/EER	Rebate \$/Ton
Tons	BTUs				
< 5.4	< 65,000	14.0 SEER	\$100	15.0 SEER	\$200
≥ 5.4 to < 11.25	≥ 65 to < 135M	11.5 EER	\$100	12.0 EER	\$150
≥ 11.25 to < 20	≥ 135 to < 240M	11.5 EER	\$100	12.0 EER	\$150
≥ 20 to ≤ 30	≥ 240M to ≤ 375M	10.0 EER	\$70	10.5 EER	\$120
> 30 to < 63.33	> 375M to < 760M	9.4 EER	\$70	9.9 EER	\$120
≥ 63.33	≥ 760M	9.1 EER	\$70	9.6 EER	\$120

HVAC CONTROLS

- Dual enthalpy economizer controls are eligible for \$250 per unit rebate.
- Rebates for controls applicable for Unitary Systems only and must have electric air conditioning.

ELIGIBILITY REQUIREMENTS						
Air Source Heat Pump Equipment			2007 Tier 1		2007 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	\$100	15.0 SEER & 9.0 HSPF	\$200
		Single Pkg	14.0 SEER & 8.0 HSPF	\$100	15.0 SEER & 8.5 HSPF	\$200
≥ 5.4 to 20.0	≥ 65 to < 240 M	All	11.5 EER	\$100	12.0 EER	\$150
≥ 20 to 30	≥ 240 to 375 M	All	10.0 EER	\$70	10.5 EER	\$120

ELIGIBILITY REQUIREMENTS

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

ELIGIBILITY REQUIREMENTS

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

ELIGIBILITY REQUIREMENTS

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

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.

Premium-Efficiency Motors

Open Drip Proof (ODP)				
Motor Size (HP)	Speed (RPM)			Customer Incentive (\$/Motor)
	1,200	1,800	3,600	
NEMA Normal Efficiency				
1	82.5	85.5	77.0	\$45
1.5	86.5	86.5	84.0	\$45
2	87.5	86.5	85.5	\$54
3	88.5	89.5	85.5	\$54
5	89.5	89.5	86.5	\$54
7.5	90.2	91.0	88.5	\$81
10	91.7	91.7	89.5	\$90
15	91.7	93.0	90.2	\$104
20	92.4	93.0	91.0	\$113
25	93.0	93.6	91.7	\$117
30	93.6	94.1	91.7	\$135
40	94.1	94.1	92.4	\$162
50	94.1	94.5	93.0	\$198
60	94.5	95.0	93.6	\$234
75	94.5	95.0	93.6	\$270
100	95.0	95.4	93.6	\$360
125	95.0	95.4	94.1	\$540
150	95.4	95.8	94.1	\$630
200	95.4	95.8	95.0	\$630

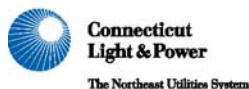
Totally Enclosed Fan Cooled (TEFC)				
Motor Size (HP)	Speed (RPM)			Customer Incentive (\$/Motor)
	1,200	1,800	3,600	
NEMA Normal Efficiency				
1	82.5	85.5	77.0	\$50
1.5	87.5	86.5	84.0	\$50
2	88.5	86.5	85.5	\$60
3	89.5	89.5	86.5	\$60
5	89.5	89.5	88.5	\$60
7.5	91.0	91.7	89.5	\$90
10	91.0	91.7	90.2	\$100
15	91.7	92.4	91.0	\$115
20	91.7	93.0	91.0	\$125
25	93.0	93.6	91.7	\$130
30	93.0	93.6	91.7	\$150
40	94.1	94.1	92.4	\$180
50	94.1	94.5	93.0	\$220
60	94.5	95.0	93.6	\$260
75	94.5	95.4	93.6	\$300
100	95.0	95.4	94.1	\$400
125	95.0	95.4	95.0	\$600
150	95.8	95.8	95.0	\$700
200	95.8	96.2	95.4	\$700

Variable Frequency Drives (VFD) 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

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



www.CTSavesEnergy.org

Call 1-877-WISE-USE

EES-8 EO

Connecticut's Energy Efficiency Programs are funded by the Conservation Charge on customer electric bills.

Paid for by CL&P customers.
0707D