

Energy Conscious Blueprint: Prescriptive and Custom Incentives

Please include the AHRI or Energy Star Rating Form for each unit when specification sheets are submitted

Custom Measures				
Incentive Per ECM*	Electric Incentives (GREATER OF)		Gas Incentive (\$/CCF)	Project Qualification
	(\$/kWh)	per kW		
This incentive is applying to the following custom measures: Chiller, Energy Recovery, Demand Control Ventilation, Insulation, Windows, Air Compressor, Exterior lighting, and other custom measures	\$0.40	\$1000/summer peak	\$6.00	<ul style="list-style-type: none"> Speak with an Energy Efficiency Consultant for any questions you might have on the qualification of the energy conservation measures listed. Pre-purchased, existing, or installed equipment cannot receive incentives through the New Construction program.

*Incentive capped at 95% incremental cost or may vary based on specific equipment

Interior Lighting Incentives			
High Performance Lighting	\$/kWh		Project Qualification
LED Fixtures with Networked Lighting Controls System**	\$0.65		<ul style="list-style-type: none"> 80% of project load must utilize a networked lighting control system, as defined by DLC, with all controlled LED fixtures wirelessly accessible to initialize, configure, and commission. Individual fixture addressability and luminaire level lighting control (LLLC) and compliance with LLLC capabilities as outlined by DLC is optional. Must include and demonstrate a minimum of one control strategy per fixture and two different control strategies at the project level (e.g. occupancy, daylighting, task tuning/high end trim). System must be capable of energy monitoring and demand response, as defined by DLC. Customer must also provide control narrative for the system and six months of energy monitoring data, and it must be fully commissioned with reporting and demonstrated demand response capability.
Standard Performance Lighting	Incentive (\$/SF)	Design % Better than Code	Project Qualification
LED Fixtures only*	\$0.500	40%	<ul style="list-style-type: none"> The minimum incentive is earned at 10% below code lighting power, the maximum incentive is achieved at 40% or more below energy code. The incentive can be calculated by: (project gross lighted square foot) x (percent better than code \$/sf cap) COMcheck (or equivalent) required along with specification sheets for each individual LED fixture. LED fixtures or lamps are required to be UL listed and are highly recommended to be Design Lights Consortium (DLC) or Energy Star's Qualified Products
	\$0.438	35%	
	\$0.375	30%	
	\$0.313	25%	
	\$0.250	20%	
	\$0.188	15%	
\$0.125	10%		
Lighting Controls	Incentive (\$/sensor)		Project Qualification
Occupancy Sensors beyond Code	\$20/occupancy sensor		<ul style="list-style-type: none"> Occupancy sensors can only qualify if they are not used to satisfy code requirement The occupancy sensors must be a second level of automated control Under IECC 2015 occupancy sensors are required in classrooms, conference/meeting rooms, copy/print rooms, lounges, employee lunch and break rooms, private offices, restrooms, storage rooms, janitorial closets, locker rooms, warehouse, and other spaces 300 square feet or less enclosed by floor-to-ceiling height partitions
Sustainable Office Design	Incentive (\$/SF)		Project Qualification
Projects that include occupancy controls and controlled dimming overlaid on efficient, low-installed wattage office lighting plans	\$1.00		<ul style="list-style-type: none"> Confirm that Open Office Cubicle Partition heights are no higher than 48 inches Installed LPD does not exceed program limits of 0.60 W/sf The number of control points meets program requirements of less than an average of 250 sf per control point The space receiving new lighting is between 7,500 and 200,000 in total area

**incentive capped at 65% incremental cost

Unitary & Split DX HVAC Equipment*					
Size		Tier 1		Tier 2	
Nominal Tons	MBTU/Hr	Minimum Qualifying Ratings (based on AHRI)	Incentive (\$/Ton)	Minimum Qualifying Ratings (based on AHRI)	Incentive (\$/Ton)
< 5.4	< 65	15	\$50	16	\$150
≥ 5.4 to < 11.25	≥ 65 to < 135	11.5	\$50	12	\$150
≥ 11.25 to < 20	≥ 135 to < 240	11.5	\$50	12	\$150
≥ 20 to ≤ 30	≥ 240 to ≤ 375	10.8	\$50	11.5	\$150
> 30 to < 63	> 375 to < 760	10.5	\$50	10.8	\$150
≥ 63.33	≥ 760	9.7	\$50	10.2	\$150

Air Source Heat Pumps*								
Size		Type	Tier 1			Tier 2		
Nominal Tons	MBTU/Hr		Minimum Qualifying Ratings (based on AHRI)		Incentive	Minimum Qualifying Ratings (based on AHRI)		Incentive
			SEER/EER	COP/HSPF	(\$/Ton)	SEER/EER	COP/HSPF	(\$/Ton)
< 5.4	< 65	Split System	18	10	\$250	22	10	\$500
		Single Pkg	16	9.5	\$250	20	10	\$500
≥ 5.4 to < 11.25	≥ 65 to < 135	All	11.5	3.3	\$250	12	3.3	\$500
≥ 11.25 to < 20	≥ 135 to < 240	All	11.5	3.2	\$250	12	3.2	\$500
≥ 20	≥ 240	All	10.5	3.2	\$250	10.8	3.2	\$500

Water Source Heat Pumps*						
Type	Nominal Tons	MBTU/Hr	Minimum Qualifying EER (based on AHRI)	Minimum Qualifying COP (based on AHRI)	Incentive (\$/Ton)	
Water Source Heat Pump Equipment	< 11.25	< 135	14.0	4.4	\$750	
Ground Water - Water Source Heat Pump Equipment (Open Loop)	< 11.25	< 135	19.0	4.1	\$750	
Ground Loop - Water Source Heat Pump Equipment (Closed Loop)	< 11.25	< 135	15.5	3.3	\$750	

Variable Refrigerant Flow*					
Size (BTUs)	Nominal Tons	MBTU/Hr	Minimum Qualifying EER	Minimum Qualifying COP	Incentive (\$/Ton)
≥65,000 to ≤135,000	< 11.25	< 135	11.8 EER; 17.4 IEER	3.4 COP @ 47F	\$250
>135,000 to ≤240,000	< 11.25	< 135	10.9 EER; 16.4 IEER	3.3 COP @ 47F	\$250

Variable Frequency Drives*					
Air Handling Fans (only for DX Cooling with a mechanical cooling capacity <65,000 Btu/h)		Chilled Water & Hot Water Pumps (only for systems with a capacity less than 500 MBH)		Cooling Tower Fans	
Motor Size (HP)	Incentive	Motor Size (HP)	Incentive	Motor Size (HP)	Incentive
< 1	\$0	< 1	\$0	<1	\$0
≥ 1 to < 2	up to \$100	≥ 1 to < 2	up to \$200	≥ 1 to < 2	up to \$100
≥ 2 to < 5	up to \$200	≥ 2 to < 5	up to \$350	≥ 2 to < 5	up to \$200
≥ 5 to < 7.5	up to \$920	≥ 5 to < 7.5	up to \$1,710	≥ 5 to < 7.5	up to \$920
		≥ 7.5 to < 10	up to \$2,100		
		≥ 10 to < 15	up to \$2,150		

* If new building is complying with IECC 2015 section C406 using C406.2 for HVAC Performance, please contact Eversource or UI.

Boiler and Furnaces			
Eligibility Requirements			
Equipment Type	Size (Input MBH)	Minimum Efficiency	Incentive (\$/Input MBH)
Condensing Gas Boilers (outdoor temperature reset required) Hydronic boilers ONLY	<300	≥ 95% AFUE	\$5.00
	≥300 to <2,500*	≥ 95% Combustion Efficiency	
Cast Iron Sectional Hot Boilers	<2,500	≥ 85% Combustion Efficiency	\$3.00
Steam Boilers	<2,500	≥ 84% Combustion Efficiency	\$3.00
Condensing Gas Furnaces	<120	≥ 95% AFUE/Thermal Efficiency	\$6.00
	≥ 120		

Natural Gas Hot Water Heaters			
Equipment Type	Size (Input MBH)	Minimum Efficiency	Incentive (\$/Input MBH)
Storage-Type Domestic Water Heater	n/a	≥ 90% Thermal Efficiency	\$8.00
On-Demand Domestic Water Heater	< 200	≥ 0.85 Energy Factor	\$6.00
	≥ 200	≥ 90% Thermal Efficiency	
Large Domestic Hot Water Boiler	> 75	≥ 85% Thermal Efficiency	\$5.00

Heat Pump Water Heaters			
Eligibility Requirements			
Rated Storage Volume	Minimum Efficiency	Incentive per Unit	Qualification
≥20 gal to ≤55 gal	2.0 (ENERGY STAR® Requirement) UEF	\$750	ENERGY STAR®
>55 gal to ≤120 gal	3.45 UEF (Higher than ENERGY STAR 2.2) or COPh ≥ 3.0 (Coefficient of Performance)	\$750	ENERGY STAR®

Incentive caps and qualification criteria are subject to change at any time. Availability of funding is not guaranteed and the Utilities are not responsible for any costs or damages incurred by the Participant if funding for this program is reduced or eliminated. Retainage may be applied to any project if final payment is contingent on delivery of performance results or information. Utilities shall have final determination of eligible incentives and energy savings. A Letter of Agreement/Authorization detailing available incentives and energy savings for each proposed measure must be signed by Utilities Management before any equipment is ordered to be eligible for incentives. IECC 2015 is the baseline energy code until the State of Connecticut adopts IECC 2021. All references to kWh, CCF and Gallons savings shall refer to annual gross savings.

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