

Smart-E Loan Eligible Measures

Code #	SMART-E MEASURES	Technical Standards	<u>Estimated</u> UI and Eversource Incentive	<u>Estimated</u> NPU Incentive
Home Performance/ Efficiency				
1	Air Sealing		Current HES \$/cfm incentive through Core Services	
4	Duct Sealing		Current HES \$/cfm incentive through Core Services	
6	Energy Efficient Zone Heating Controls	Please contact CGB for technical standards		
7	Energy Efficient Lighting Systems	Please contact CGB for technical standards		
10	Attic Insulation	Ceiling starting R-Value must be <=19 and final R-Value must be >=38	Attic - \$1/sq. ft., up to 50% of job cost.	Attic Insulation - \$0.50/sq.ft. electric or natural gas heat; \$0.50/sq.ft
12	Wall insulation	Walls must be <=4, upgrade to >=13. No below grade walls or interior walls.	Wall - \$1/sq. ft., up to 50% of job cost.	
28	Windows - Replacement	ENERGY STAR U-factor < or = 0.30. Not for unconditioned spaces	\$50/window if replacing single pane	
40	Floor Insulation	Floor between conditioned and unconditioned space (e.g. basement, garage) R-value must be <=6, upgrade to >=19	Floor - \$0.50/sqft up to 50% of job cost	
Heating and Cooling				
2	Air Source Heat Pump	Must meet or exceed ENERGY STAR: 14.5 SEER, 12 EER, 8.2 HSPF for split systems: 14 SEER , 11 EER, 8.0 HSPF for single packaged systems	\$500 for qualifying measures	\$200 rebate TIER 1 - Min. Qualifying 15.0 SEER & 9.0 HSPF (Split); 14.0 SEER & 8.0 HSPF (Single); 11.5 EER (Both - Tons >5.4 to 20.0); 10.0 EER (Both - Tons >20 to 30); \$300 TIER 2 - 15.5 SEER & 9.0 HSPF (both)
3	Central Air Conditioning	Must meet or exceed ENERGY STAR: 14.5 SEER, 12 EER, for split systems: 14 SEER, 11 EER for single packaged systems	\$250 for qualifying measures	
5	Ductless Mini-Split Heat Pump	Must be ENERGY STAR: meet or exceed 18 SEER, 9 HSPF with inverter driven outdoor compressor	\$300 for qualifying measures or \$1,000 through HES for electric resistance as primary heat source	
8	Ground Source Heat Pump	GLHP Closed Loop Water to Air 17.1 EER, 3.6 COP DX Direct Expansion Refrigerant 16.0 EER, 3.6 COP Water to Water 16.1 EER, 3.1 COP	\$500/ton up to \$1,500. A Home Energy Solutions assessment is required	\$150/ton: <20 tons, BTUS 240,000; Min. Qualifying EER 14.0
11	High Efficiency Window AC Units	PTAC/PTHP 8,000 BTU or Below: 12.5 EER – 3.0 COP 8,100 BTU to 10,000 BTU: 12.0 EER – 2.9 COP 10,100 BTU to 12,000 BTU: 11.5 EER – 2.9 COP 12,100 BTU to 13,000 BTU: 11.0 EER – 2.9 COP 13,100 BTU and above: 10.0 EER – 2.8 COP		\$60 rebate for purchase of an eligible Energy Star qualified window AC \$60 rebate for purchase of an eligible Energy Star qualified window AC
16	Biomass (Furnace or Boiler)	ASME Certified, 85% AFUE, Fully Automated		
38	Warm Air Furnace - Natural Gas	ENERGY STAR: AHRI rated 90% - 94% AFUE, Performance EAE of 2% or lower		
13	Warm Air Furnace - Natural Gas - High Efficiency	ENERGY STAR: AHRI rated 95% AFUE, Performance EAE of 2% or lower	\$600 instant discount	\$400 rebate - <=150,000 BTU
14	Warm Air Furnace - Oil	ENERGY STAR 85% AFUE	\$200 instant discount	

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15	Warm Air Furnace - Propane	ENERGY STAR AHRI rated 95% AFUE, Performance EAE of 2% or lower	\$200 instant discount	
17	Hot Water Boiler - Natural Gas	ENERGY STAR 90% AFUE with temperature reset or purge control	\$750 instant discount	\$600 Condensing & Tankless <=300,000; \$850 Tankless Boiler/WH Combined <=300,000/,4GPM; \$1050 Tankless Boiler/WH Combined <=300,000/>=4 GPM Combined
18	Hot Water Boiler - Oil	ENERGY STAR 87% AFUE with temperature reset or purge control		
19	Hot Water Boiler - Propane	ENERGY STAR 90% AFUE with temperature reset or purge control		
41	Natural Gas Conversion -Burner			
23	Natural Gas Conversion - CIAC			
34	Steam Boilers - all fuels	83% AFUE	Handled on a case by case basis	
35	Weather Responsive Controls - Natural Gas		Handled on a case by case basis	
36	Weather Responsive Controls - Oil		Handled on a case by case basis	
37	Weather Responsive Controls - Propane		Handled on a case by case basis	
42	ECM Boiler Circulator Pump	Installed on any fuel boiler	\$100 instant discount	
Water Heating				
9	Heat Pump Water Heater	Energy Factor (EF) of 2.0 or greater, ENERGY STAR	\$400 through participating distributor	\$500 Energy Star HE electric water heater
20	Indirect Water Heater - Natural Gas	attached to ENERGY STAR Boiler of AFUE of 90% or greater		\$250 rebate
24	On-Demand Tankless Water Heater - Natural Gas	ENERGY STAR: EF of 0.82 or greater	Up to \$500 instant discount	\$250 rebate <4 GPM; \$450 >=4GPM
25	On-Demand Tankless Water Heater - Propane	ENERGY STAR: EF of 0.82 or greater		
39	Natural gas storage or condensing water heater	Energy Factor of >=0.80 (storage) thermal efficiency of >=0.95 (condensing)	Up to \$300 instant discount	
Renewables				
33	Solar Hot Water Heater	15° < tilt < 60°, 104° < azimuth < 284° (compass), shading <=25%, OG-300 Systems	None	None
26	Electric Vehicle Recharging Station	Please contact CGB for technical standards		
27	Natural Gas Vehicle Refueling Station	Please contact CGB for technical standards		
29	Smart Meters	Please contact CGB for technical standards		
30	Solar Photovoltaic System	Please contact CGB for technical standards		
31	Solar Photovoltaic Islanding Inverters	Please contact CGB for technical standards		
32	Solar Photovoltaic Battery Back-up	Please contact CGB for technical standards		
21	Micro CHP	Please contact CGB for technical standards		
22	Micro Fuel Cell	Please contact CGB for technical standards		
Other: Related Energy Measures*				
0A	Other: Asbestos Remediation			
0B	Other: ENERGY STAR appliances			
0C	Other: ENERGY STAR QIV incentive			
0D	Other: Mold Remediation			
0E	Other: Roof Repair			
0F	Other: Structural Remediation			
0G	Other: Unlisted but relevant to improving the energy performance of a home			
0H	Other: Tree removal for solar			
Note: total cost of 0 measures 0A- 0H cannot exceed 25% of loan amount				v03012016
* NOT A QUALIFYING MEASURE FOR THE BUNDLE				