

Home Energy Savings Program

Biomass Boiler & Furnace Eligibility Criteria and List of Eligible Models

Updated: August 30, 2017



Ultra-Low Greenhouse Gas Whole House Heating Systems: High Performance Pellet/Cordwood Boilers and Furnaces
<ul style="list-style-type: none"> • <i>Installation must be completed by a Registered Vendor with a State of Maine solid fuels license.</i> • Incentive: Rebate of 33% of project total cost up to a cap of \$3,000. • Eligible 1 to 4 unit residential buildings serving as principal residence for occupants, new or retrofit. • Partial rebates are available under this category for a total per building incentive cap of \$5,000, including value of rebates on prior improvements. Compliant cord wood boilers and furnaces installed after 3-11-16 are eligible for incentives.
<p>Eligible Automated Pellet Boilers and Automated Pellet Furnaces have automated fuel feeding controls and are fueled by pellets manufactured from sawdust, wood products, and other biomass materials pressed into standard manageable pellet shapes and sizes.</p> <p>Eligible Cord Wood Boilers have automated combustion controls and gasification features to reduced emissions and are fueled by seasoned cord wood.</p> <p><u>To meet minimum system configuration standards:</u></p> <ol style="list-style-type: none"> 1. The system must include a bulk fill system that would provide continuous heat without human intervention for 2 weeks (estimated at 1 ton pellet capacity), OR a permanently installed back-up heating system (propane, oil, natural gas) that automatically switches fuel sources and provides continuous central heat to the home using the same thermostatic control and heating distribution system as the biomass system if the biomass heating system runs out of fuel, and if fueled by pellets has a minimum 500 pound capacity fill bin, and 2. The new system or existing back-up system (when one exists) must provide heat in areas of plumbing, which will maintain the temperature of at least 50 degrees Fahrenheit for an extended period of time (2 weeks or longer) without human intervention, and 3. Meet applicable Federal, state, and local requirements, including but not limited to emissions limits, nuisance limits, and siting limits, and <p><u>To meet energy efficient standards, Biomass boilers and furnaces must be:</u></p> <ol style="list-style-type: none"> 1. Listed on US EPA Certified Hydronic Heaters as of February 2016 with either a minimum Annual Average Efficiency (HHV%) or CSA B415.1 weighted Stack Loss Test rating of 70%. https://www.epa.gov/compliance/list-epa-certified-hydronic-heaters and 3. Installed according to the manufacturer's recommendations including but not limited to chimney height, proximity to other structures and property lines, sizing, and proper thermal storage. All outdoor distribution piping must be factory-manufactured line with a foam-filled waterproof exterior sleeve. 4. Compliant with EPA regulation subpart QQQQ and required to test to CSA B415.1 with Method 28 WHH testing to 415.1 schedules.

The following list of biomass boiler and furnace models includes systems listed on the EPA Certified Hydronic Heater list that are rated by either HHV% or weighted Stack Loss Test, an efficiency of 70% or greater. **Additional units may be eligible. Contact EM to obtain written confirmation of rebate eligibility of unlisted models prior to purchase.** Please call 1-866-376-2463 or send an email to: hesp2@csgrp.com

Manufacturer	Biomass Boiler/Furnace Model
Central Boiler	Maxim M255P, EClassic 1450, Classic Edge 350, 550, 750
DECTRA	Garn WHS-1000H, WHS-1000V, WHS-2000H, WHS-2000V
Econoburn	EBW200-170
Effecta	Komplett III Light 20/25/35
Evoworld	HP14, P28, P50, P100, P200
Froling / TARM	P4 series, S3 Turbo, FMG 20/30
Hawken Energy	GX15
Heatmor	200SSP, 400-4s, 200X, 350X
MESys (OkoFEN)	Autopellet PE(S)12, 15, 20, 25, 32, 36, 48, 56, 64, Autopellet Air PFS28, EasyPell
NBE	Kedel 54, RTB 54, 68, 102, RTB 102, 170, RTB 170.
Pellergy	Alpha A60v, A100v
Polar Furnace Manf.	G2, G2Plus, G3
Steel Tech Inc.	Heatmaster G200-2, G400
Varmebaronen	Pellmax 200UB, Vedolux 350, 450
WeBiomass	Woodpecker WSCD45
Windhager	BioWIN 100, 102, 152, 260, 262, 350, 600
Woodmaster	Cleanfire 400