



NY Home Performance with ENERGY STAR[®] Eligible Measures and Accessories Matrix *Effective: July 1, 2011*

The NY Home Performance with ENERGY STAR (HPwES) Program is designed to improve the energy performance, durability, comfort and safety of existing one- to four-family residential housing. The HPwES Program is funded by a variety of sources, which affects the ability of the Program to provide incentives for some measures. Incentives listed as “limited” in the matrix below are available for eligible oil and propane saving measures only. To qualify for Program incentives and financing, the energy efficiency improvements must be installed by a Participating BPI Accredited HPwES Contractor, meet the minimum energy efficiency requirements, and the project must be cost effective with a Savings-to-Investment Ratio (SIR) of greater than 1.0.

Below is a matrix of the minimum efficiency requirements and availability of various customer incentives for eligible measures. Please contact your Account Manager with questions you may have regarding these measures and incentives.

	Minimum Efficiency Requirements	Incentive Eligibility				
		10% HEMI	50% AHP Subsidy	HPwES Financing	Assisted Loan	
Primary Heating and Cooling System ^{1,2}	Furnace – Natural Gas or LP ³	AFUE 92% (as long as not prohibited by local codes). Furnaces with ECM Motor allowed.	X	X	X	X
	Furnace – Fuel Oil ³	AFUE 85%	X	X	X	X
	Boiler - Condensing	AFUE 90%	X	X	X	X
	Boiler – Hot Water	AFUE 85%	X	X	X	X
	Boiler – Steam	AFUE 82% (size must be matched to cumulative capacity of connected radiators, per Institute of Boilers & Radiator Mfrs (IBR) standards)	X	X	X	X
	Air Source Heat Pump (electric split systems) ³	14.5 SEER / 12 EER / 8.5 HSPF			X	
	Ground Source Heat Pump ³	ENERGY STAR Qualified (closed-loop, open-loop, or direct expansion)			X	
	Wood/or Solid Fuel Pellet Stove	EPA phase 2 (Solid fuel pellet stoves are exempt from EPA Phase 2)	X	X	X	X
	Distribution Improvements, Duct work, Radiators ⁴	Installed in accordance with all applicable state and local codes	Limited	Limited	X	Limited
	Duct Sealing	UL 181B Mastic or other permanent sealant; use of duct tape is disallowed	X	X	X	X
	Pipe Insulation	R-3	X	X	X	X
	Solar Thermal	OG-300 certification from SRCC. SF 0.5. Warranty: 10 years-collector, 6 years-storage tank. 2 years-control. 1 year-piping and parts	Limited	Limited	X	Limited
	Central Air Conditioner (split system) ⁵	AHRI Certificate Required. 14.5 SEER / 12 EER. *Except in Con Edison and Central Hudson electric territory, this measure is subject to site-specific analysis and pre-approval by CSG in order to determine eligibility.	X*		X	
Programmable Thermostat	ENERGY STAR Qualified. UL Approved. Limited to one thermostat installed per unit.	X	X	X	X	

		Minimum Efficiency Requirements	Incentive Eligibility			
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Building Shell	Insulation (attic, wall, floor, band joist, basement, crawl space)	NYS Energy Conservation Code compliant, or to the Program Technical Specifications, or limits of construction. Must be accompanied by blower door assisted air sealing per BPI and program guidelines.	X*	X*	X	X*
	Air Sealing	Supervised by professional; blower door assisted per BPI and program guidelines	X	X	X	X
	Replacement Windows	ENERGY STAR for climate/region Link to ENERGY STAR			X	
	Storm Windows and Storm Doors	No minimum efficiency requirement			X	
	Movable Window Insulation	R-3			X	
	Exterior Doors	ENERGY STAR for climate/region Link to ENERGY STAR			X	
Water Heater		<51 gallon EF.63 / >51 gallon EF.53	Limited	Limited	X	Limited
	Natural Gas, Propane or Oil	Instantaneous: EF .78	Limited	Limited	X	Limited
	Electric	EF .93			X	
	Indirect-Fired Tank	UL Approved	X	X	X	X
	Solar	OG-300 certification from SRCC. SF 0.5. Warranty: 10 years-collector, 6 years-storage tank. 2 years-control. 1 year-piping and parts.	Limited	Limited	X	Limited
	Hot Water Tank Insulation	R-10			X	
Conservation	Faucet Aerator	No minimum efficiency requirement	X	X	X	X
	Low Flow Showerhead	Maximum flow rate of 1.5 gallons per minute. Aerating type showerheads not eligible.	X	X	X	X
Appliances & Lighting ⁶	Refrigerator	ENERGY STAR Qualified. Must be combined with at least 1 major measure installed by the contractor. Existing refrigerators must be greater than 10 years old to be eligible for replacement.	X	X	X	X
	Freezer	ENERGY STAR Qualified. Must be combined with at least 1 major measure installed by the contractor.	X	X	X	X
	Dishwasher	ENERGY STAR Qualified. Must be combined with at least 1 major measure installed by the contractor.	X	X	X	X
	Clothes Washer	ENERGY STAR Qualified. Must be combined with at least 1 major measure installed by the contractor.			X	

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Appliances & Lighting ⁶	Dehumidifier	ENERGY STAR Qualified. Must be combined with at least 1 major measure installed by the contractor.	X	X	X	X
	Room Air Conditioner	ENERGY STAR Qualified. Must be combined with at least 1 major measure installed by the contractor.	X	X	X	X
	Heat/Energy Recovery Ventilator	No minimum efficiency requirement	Limited	Limited	X	Limited
	CFLs	ENERGY STAR Qualified	X	X	X	X
	LEDs	ENERGY STAR Qualified			X	
	Light Fixtures	ENERGY STAR Qualified for compact fluorescent, or electronic ballast for fluorescent tubes			X	
Health and Safety	Smoke Detectors, Radon Detectors, and Carbon Monoxide Detectors	Hard wired or battery operated			X	
	Ventilation Fans (Whole house fans or similar attic exhaust fans are not eligible)	ENERGY STAR Qualified (must vent to exterior of building shell)			X	
	Repairs/upgrades to heating and/or DHW systems (including power venting kits) to correct spillage, inadequate draft, carbon monoxide failures	Per code and/or manufacturer specifications, as appropriate			X	
	Measures to provide sufficient combustion air and prevent Combustion Appliance Zone (CAZ) depressurization, spillage or inadequate draft	Allowed when BPI-required combustion safety tests indicate problem(s) with CAZ depressurization, draft or spillage, per BPI standards			X	
	Gas leak repair	Repaired in compliance with applicable codes			X	
	Dry vent repair	Repaired in compliance with applicable codes			X	
	Gas Oven Replacements, venting repairs and repairs to reduce carbon monoxide	UL Listed Gas Ovens			X	

¹ Defined as the “primary heating system for the space being conditioned”.

² Addition/replacement of secondary heating systems are not eligible for Assisted Home Performance.

³ Duct systems for warm air furnaces, heat pumps and central air conditioners should be tested and sealed to reduce leakage. This will help ensure that the total system will operate efficiently.

⁴ In instances where an area of a home lacks adequate distribution, installation of new distribution to serve the area is eligible. The area lacking adequate distribution must be located within the pre-existing thermal boundary.

⁵ Non-eligible measure under Assisted Home Performance.

⁶ Maximum Assisted Subsidy for each appliance is: \$300 for refrigerators & freezers; \$250 for dishwashers; \$75 for dehumidifiers; and \$50 for Room Air Conditioners. Only the base price of the appliance plus applicable tax is eligible; delivery, set-up, warranties or appliance accessories, and any associated taxes on these items are not eligible for incentives.

Note: NYSERDA reserves the right to modify the Minimum Efficiency Requirement for any measure during the term of the Home Performance with ENERGY STAR Partnership Agreement.



FINANCING REQUIREMENTS

The maximum amount eligible for Program Financing is \$13,000 per property. The work scope must be cost effective with a Savings to Investment Ratio (SIR) greater than 1.0 for the recommended package of improvements to be financed.

ADDITIONAL SUPPORT

The HPwES Program offers a 10% cash-back High Efficiency Measure Incentive (HEMI) on eligible measures. For income-qualified customers, Assisted HPwES offers a 50% work scope incentive (Subsidy) of up to \$5,000 for a single family home and up to \$10,000 for a 2- to 4- family home. The balance of the cost can be financed. Assisted Home Performance follows the same minimum efficiency requirements and measure eligibility except as noted in the list above. The 10% HEMI and Assisted Subsidy can be combined with low interest rate Program Financing, but cannot be combined with the Loan Fund's interest rate reduction.

INCENTIVE ELIGIBILITY

Program Financing is available statewide for all eligible measures.

To be eligible for the 10% HEMI, 50% Assisted Subsidy, or the Assisted Home Performance Loan, customers must pay into the SBC/EEPS and be in one of the following utility territories: Central Hudson, Con Edison, National Fuel, National Grid (NYC and Upstate), NYSEG, Orange and Rockland, and Rochester Gas and Electric. Customers of National Grid (Long Island) are eligible for the HEMI and Subsidy for natural gas reduction measures only. Limited, statewide funds, regardless of utility territory, are available for the HEMI and Subsidy for eligible oil and propane reduction measures and will be committed on a first come, first served basis.

QUALIFIED ACCESSORIES

The costs associated with the installation of qualified accessories are eligible for incorporation into a reduced interest rate loan offered through the Program. Qualified accessories include: grills, diffusers, chimney liners, chimney caps, air cleaners, furnace humidifiers, thermostats, oil burner replacements, moisture barriers and attic venting. Accessory items included in work scopes that involve fuel switching (for example, electric baseboard heating to natural gas furnace) are eligible for incorporation into a reduced interest rate loan offered through the Program, provided the new heating system is installed through the HPwES Program, is an eligible measure and meets the cost-effectiveness requirement. Examples of these fuel-switching accessories are: gas main extensions, new oil tanks, service laterals, and piping.

ADDITIONAL HEALTH & SAFETY MEASURES

The first \$2,000 of costs associated with any combination of the following measures is eligible for incorporation into a reduced interest rate loan offered through the Program but are not eligible for the 10% cash-back HEMI and Assisted Subsidies:

- Asbestos abatement or electrical service upgrade necessary when installing a new heating/cooling unit;
- Upgrade of knob and tube wiring in order to install insulation;
- Radon and lead abatement work;
- The cost of removing an oil tank or replacing a faulty oil tank when done in connection with a heating system replacement; and
- Repairs to the home due to water damage, molds and mildew, ice dams or other symptoms of poor building performance, as long as the cause(s) of building performance-related damage are addressed.

For more information please contact:
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