



NY Home Performance with ENERGY STAR® Eligible Measures and Accessories

Effective January 1, 2012

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 homes in New York State. To qualify for incentives and financing, the measures listed below must meet the minimum efficiency requirements, be installed by a participating BPI Accredited HPwES Contractor, and be included in a scope of work that achieves a Savings-to-Investment Ratio (SIR) greater than 1.0. Program financing is available on all eligible measures while the 10% High Efficiency Measure Incentive (HEMI) and the 50% Assisted Home Performance Subsidy are available only on measures that pass additional cost-effectiveness screening, as indicated in the table below. Please contact your Account Manager with any questions regarding measure and incentive eligibility.

	Minimum Efficiency Requirements	Incentive Eligibility		
		HEMI and Assisted Subsidy	HPwES Financing	
Primary Heating and Cooling System ¹	Furnace – Natural Gas ²	AFUE 92% (as long as not prohibited by local codes). Furnaces with ECM Motor allowed.	X	X
	Furnace – LP ²	AFUE 92% (as long as not prohibited by local codes). Furnaces with ECM Motor allowed.	X	X
	Furnace – Fuel Oil ²	AFUE 85%	X	X
	Boiler - Condensing	AFUE 90%	X	X
	Boiler – Hot Water	AFUE 85%	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
	Air Source Heat Pump (electric split systems) ²	14.5 SEER / 12 EER / 8.5 HSPF		X
	Ground Source Heat Pump ²	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
	Distribution Improvements in Natural Gas or Electrically Heated Homes ³	Installed in accordance with all applicable state and local codes		X
	Distribution Improvements in Oil or Propane Heated Homes ³	Installed in accordance with all applicable state and local codes	X	X
	Duct Sealing	UL 181B Mastic or other permanent sealant; use of duct tape is disallowed	X	X
	Pipe Insulation	R-3	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.		X
	Central Air Conditioner (split system) ⁴	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	5+2 day programmable thermostat. Limited to one thermostat installed per unit.	X	X	

	Minimum Efficiency Requirements	Incentive Eligibility		
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Building Shell	Insulation (attic, wall, floor, band joist, basement, crawl space)	Refer to Insulation Program Policy for homes heated with natural gas or electricity. Must be accompanied by blower door assisted air sealing per BPI and program guidelines.	X	X
	Air Sealing	Supervised by professional; blower door assisted per BPI and program guidelines	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	Natural Gas	<51 gallon EF.63 / >51 gallon EF.53		X
		Instantaneous: EF .78		X
	Propane or Oil	<51 gallon EF.63 / >51 gallon EF.53	X	X
		Instantaneous: EF .78	X	X
	Electric	EF .93		X
	Indirect-Fired Tank	UL Approved	X	X
	Hot Water Tank Insulation - Natural Gas or Electric	R-10		X
Hot Water Tank Insulation – Oil or Propane	R-10	X	X	
Conservation	Faucet Aerator	No minimum efficiency requirement	X	X
	Low Flow Showerhead	Maximum flow rate of 1.5 gallons per minute. Aerating type showerheads not eligible.	X	X
Appliances & Lighting ⁵	Refrigerator	ENERGY STAR Qualified. Existing refrigerators must be greater than 10 years old to be eligible for replacement.	X	X
	Freezer	ENERGY STAR Qualified	X	X
	Dishwasher	ENERGY STAR Qualified		X
	Clothes washer	ENERGY STAR Qualified		X
	Dehumidifier	ENERGY STAR Qualified	X	X
	Room Air Conditioner	ENERGY STAR Qualified	X	X
	CFLs	ENERGY STAR Qualified	X	X
	LEDs	ENERGY STAR Qualified		X
	Light Fixtures	ENERGY STAR Qualified for compact fluorescent, or electronic ballast for fluorescent tubes		X

	Minimum Efficiency Requirements	Incentive Eligibility	
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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
	Heat/Energy Recovery Ventilator	No minimum efficiency requirement	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”. Addition/replacement of secondary heating systems is not eligible.

² 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.

³ 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.

⁴ Non-eligible measure under Assisted Home Performance.

⁵ Maximum Assisted Subsidy for each appliance is: \$300 for refrigerators and freezers; \$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 eligible measures and minimum efficiency requirement for any measure during the term of the Home Performance with ENERGY STAR Partnership Agreement.



INCENTIVES

The HPwES Program offers a 10% cash-back HEMI on eligible measures. For income-qualified customers, Assisted HPwES offers a 50% work scope subsidy of up to \$5,000 for a single family home and up to \$10,000 for 2 to 4-family homes. The balance of the project cost is eligible for financing. The HEMI and Assisted Subsidy can be used in conjunction with low interest rate Program Financing. For those borrowers who choose to finance through the Residential Loan Fund, that loan may be combined with the Assisted Subsidy, but not the HEMI.

Incentive Eligibility

Program Financing is available statewide for all eligible measures.

The 10% HEMI, 50% Assisted Subsidy, and the Residential Loan Fund are available for natural gas or electric efficiency measures to customers in 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 or the Assisted Subsidy for natural gas reduction measures only.

The HEMI and Assisted Subsidy for eligible oil and propane efficiency measures are available statewide regardless of utility territory.

Fuel Conversions

Fuel conversion projects will be considered on a case-by-case basis and require pre-approval before work begins.

FINANCING REQUIREMENTS

The amount eligible for Program Financing is \$13,000 per property; up to \$25,000 if the payback period is 15 years or less.

Qualified accessories

The costs associated with the installation of qualified accessories are eligible for incorporation into a 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 approved fuel switching are eligible for incorporation into a 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 loan offered through the Program but are not eligible for the 10% HEMI, the Assisted Subsidy, or the Residential Loan Fund:

- 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.

Costs associated with health and safety and qualified accessories can be removed from the SIR calculation. The exclusion is capped at 15% of the eligible work scope, up to \$2,000.

For more information please contact:
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