

RESIDENTIAL LOAN PROGRAM LIST OF ELIGIBLE CONSERVATION MEASURES

Residential Sector Measures and Activities

RESIDENTIAL — LIGHTING

a. Lighting Equipment and Controls

1. Energy Star™ fluorescent, compact fluorescent, high and low-pressure sodium, and metal halide lamps.
2. Replacement of quartz halogen torchiere replacements with compact fluorescents.
3. Lighting controls.

RESIDENTIAL — PLUG LOADS

a. Appliances

1. Energy Star™ or better refrigerators.
2. Energy Star™ or better freezers.
3. Energy Star™ or better dishwashers.
4. Energy Star™ or better clothes washers.

RESIDENTIAL — WATER

a. Water Heaters

1. Energy efficient electric, solar, and heat pump water heaters.
2. Water heater tank wraps and bottom boards.
3. Pipe insulation.

RESIDENTIAL — BUILDING ENVELOPE

a. Insulation

1. Attic, interior/exterior roof, wall (above and below grade), perimeter, knee wall, under floor insulation.
2. Hydronic pipe, and heat duct insulation.
3. Insulated exterior water heater closet doors.
4. (Excludes insulation products made from asbestos or urea formaldehyde and insulated vinyl siding.)

b. Windows, Skylights and Glass Doors and Insulated Doors

1. Energy Star™ or better windows.
2. Multiple glazed, low-E glass, low-conductivity gas-filled, and jalousie window replacements.
3. Storm windows.
4. Double or triple pane sliding or French doors, and multiglazed insert doors.
5. Insulated metal or fiberglass doors.
6. Solar control glazing.
7. Airtight installation.

c. House Tightening Measures

1. Correcting air balance problems.
2. Air sealing (including caulking and weather-stripping exterior doors and windows, sealing electrical/plumbing penetrations in flooring and holes under plumbing traps and tubs and installing removable "fireplace plugs").

d. Structural Repairs Required Prior To Installation of Insulation, Windows, Skylights, Glass and/or Insulated Doors

1. Roof repair.
2. Addition of attic and crawlspace ventilation.
3. Door and window jam repair or replacement.

RESIDENTIAL — HVAC EQUIPMENT

a. Furnace or Heat Pump Efficiency Improvements

1. Performance Tested Comfort System™ certified heating systems.
 2. Higher efficiency system replacements or upgrades with properly sized equipment.
 3. Control testing and repair.
 4. Refrigerant charge testing and recharging.
 5. Higher efficiency compressor replacements.
- b. Central and Window Air Conditioning Efficiency Improvements**
1. Energy Star™ or better system replacement or upgrades.
 2. Control testing and repair.
 3. Refrigerant charge testing and recharging.
 4. Higher efficiency compressor replacements.
 5. Filter cleaning and/or replacement.
 6. Installation of whole house fans.
 7. Solar gain controls such as exterior shades.
- c. Heat Pumps**
1. Energy Star™ or better air-source.
 2. Energy Star™ or better ground-source (geothermal).
 3. Energy Star™ or better water-source.
 4. Energy Star™ or better exhaust-air.
 5. Solar-assisted heat pumps.
- d. Thermostats and Controls**
1. Clock thermostats.
 2. Electronic and vapor diaphragm thermostats.
 3. Low-voltage microprocessor-controlled thermostats for central heating, ventilation, and air conditioning systems.
 4. Heat pump thermostats with heating/cooling lockout features that prevent cross-cycling between heating and cooling.
 5. Heat pump programmable electronic setback thermostats with ramped/intelligent recovery to limit supplemental heat during recovery periods.
- e. Dehumidifiers**
1. Central systems.
- f. Whole House Ventilation Systems**
1. Air-to-air heat exchangers.
 2. Other forms of heat-recovery ventilation.
 3. High efficiency fans and controls.
- g. Air Distribution System (duct) Sealing and Insulation**
1. System diagnostics.
 2. Tightening.
 3. Insulation.
 4. Airflow balancing.
 5. Addition of supplies and return ducts.