

| Smart-E Measures | Technical Standards |
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| Health & Safety | |
| Asbestos Abatement (including vermiculite) | |
| Mold Remediation | |
| Home Performance/ Efficiency* | |
| Air Sealing | |
| Attic Insulation | Ceiling starting R-Value must be \leq R19, upgrade to \geq R38 |
| Duct Sealing | |
| Energy Efficient Zone Heating Controls | Please contact CGB for technical standards |
| Energy Efficient Lighting Systems | Must be LED lighting |
| Floor Insulation | Floor between conditioned and unconditioned space (e.g. basement, garage); starting R-value must be \leq R6, upgrade to \geq R19 |
| Wall insulation | Wall starting R-value must be \leq R4, upgrade to \geq R13. No below grade walls or interior walls. |
| Windows - Replacement | ENERGY STAR, double pane, U-factor \leq 0.27. Not for unconditioned spaces |
| Heating and Cooling* | |
| Air Source Heat Pump | Split systems: ENERGY STAR, 16 SEER, 12.5 EER, 10.0 HSPF Single packaged systems: ENERGY STAR, 16 SEER, 12 EER, 8.2 HSPF |
| Biomass (Furnace or Boiler) | ASME Certified, 85% AFUE, Fully Automated |
| Central Air Conditioning | Split systems: ENERGY STAR, 16 SEER, 12.5 EER / Single packaged systems: ENERGY STAR, 16 SEER, 12 EER |
| Ductless Mini-Split Heat Pump | Single Indoor Unit: 20 SEER, 10 HSPF ENERGY STAR and AHRI Rated |
| | Multi-Indoor Units: 18 SEER, 9 HSPF ENERGY STAR and AHRI Rated |
| ECM Boiler Circulator Pump | Installed on any fuel boiler |
| 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 |
| Hot Water Boiler - Natural Gas | ENERGY STAR, 90% AFUE with temperature reset or purge control |
| Hot Water Boiler - Oil | ENERGY STAR, 87% AFUE with temperature reset or purge control |
| Hot Water Boiler - Propane | ENERGY STAR, 90% AFUE with temperature reset or purge control |
| Natural Gas Conversion - Burner | |
| Natural Gas Conversion - CIAC | Contributions in Aid of Construction |
| Steam Boilers - all fuels | 82% AFUE |
| Warm Air Furnace - Natural Gas | ENERGY STAR, AHRI rated 90% - 94% AFUE, Performance EAE of 2% or lower |
| Warm Air Furnace - Natural Gas - High Efficiency | ENERGY STAR, AHRI rated 95% AFUE, Performance EAE of 2% or lower |

| Smart-E Measures | Technical Standards |
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| Heating and Cooling (continued) | |
| Warm Air Furnace - Propane | ENERGY STAR, AHRI rated 95% AFUE, Performance EAE of 2% or lower |
| Warm Air Furnace - Oil | ENERGY STAR, AHRI rated 85% AFUE |
| Weather Responsive Controls - Natural Gas | |
| Weather Responsive Controls - Oil | |
| Weather Responsive Controls - Propane | |
| Water Heating* | |
| Heat Pump Water Heater | ENERGY STAR, Energy Factor \geq 3.0 |
| Indirect Water Heater - Natural Gas | Attached to ENERGY STAR boiler of \geq 90% AFUE |
| Natural gas storage or condensing water heater | ENERGY STAR, Thermal Efficiency \geq 0.95 |
| On-Demand Tankless Water Heater - Natural Gas | ENERGY STAR, Energy Factor \geq 0.94 with electronic ignition |
| On-Demand Tankless Water Heater - Propane | ENERGY STAR, Energy Factor \geq 0.82 |
| Renewables* | |
| Electric Vehicle Recharging Station | Level 1 or Level 2, commercially available charging station |
| Micro CHP | Please contact CGB for technical standards |
| Micro Fuel Cell | Please contact CGB for technical standards |
| Natural Gas Vehicle Refueling Station | Please contact CGB for technical standards |
| Smart Meters | Please contact CGB for technical standards |
| Solar Hot Water Heater | Please contact CGB for technical standards |
| Solar Photovoltaic Battery Back-up | Please contact CGB for technical standards |
| Solar Photovoltaic Islanding Inverters | Please contact CGB for technical standards |
| Solar Photovoltaic System | Please contact CGB for technical standards |
| Other: Related Energy Measures <i>Total cost cannot exceed 25% of loan amount</i> | |
| Other: Electric service upgrade | |
| Other: ENERGY STAR appliances | |
| Other: Lead abatement | |
| Other: Knob & Tube removal | |
| Other: Roof repair (must be done in conjunction with a solar or attic or wall insulation project) | |
| Other: Structural remediation | |
| Other: Tree removal (must be done in conjunction with a solar project) | |
| Other: Unlisted but relevant to improving the energy performance of a home | |

* Rebates may be available. Please consult with your contractor