



## Snohomish County Energy Smart Loan Program Standards

Below are the minimum efficiency standards for Snohomish County's Energy Smart Loan Program. Contractors utilizing the County's Energy Smart Loan Program need to meet these minimum standards to ensure that customers are getting highly efficient, quality equipment that meets the Energy Smart program goals. If you have a question about meeting Program Standards, please contact Molly Beeman with Snohomish County at (425) 262-2888 or [Molly.Beeman@snoco.org](mailto:Molly.Beeman@snoco.org)

### HEATING

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- Gas Furnace- Energy Star or AHRI certified.
- Gas Boiler- Energy Star or AHRI certified.
- Integrated Space and Water Heating- Energy Star qualified or minimum 95% AFUE.
- Ductless Heat Pump – AHRI Certified and minimum 9.0 HSPF 14 SEER OR 7.6 HSPF2 13.4 SEER2.
- Air Source Heat Pump - AHRI certified or minimum 9.0 HSPF 14 SEER OR 7.6 HSPF2 13.4 SEER2. AHRI Certified for matched systems (Indoor and outdoor units must be designed for, and tested as, a system).
  1. *For Add-On Heat Pumps:*
    - a. Complete matched system (with furnace) must meet Air Source Heat Pump standards (listed above), OR
    - b. If Air-Source Heat Pump displaces furnace to auxiliary heat, the Air-Source Heat Pump system alone (indoor and outdoor units, excluding furnace) must meet Air-Source Heat Pump standards (listed above).
- Geothermal Heat Pump - Energy Star certified minimum COP 3.2.

NOTE: HSPF2 and SEER2 apply to units manufactured after January 1, 2023, based on DOE's change to the national standard testing methodology.

### WATER HEATING

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- Heat Pump Water Heater - Energy Star certified and listed on the current Advanced Water Heater Specification Qualified Products List <https://neea.org/img/documents/qualified-products-list.pdf>
- Electric Storage Tank - .94 Efficiency Factor
- Gas Tankless Water Heater- Energy Star certified (or minimum 95% AFUE)
- Gas Storage Tank - 0.62 energy factor minimum

### INSULATION

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- Attic: R-49
- Walls: R-11 minimum
- Floors: R-30

### WINDOWS

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- U-factor of .30 or lower (tested through NFRC)

### APPLIANCES

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- Must be Energy Star Qualified

### COOLING/CENTRAL AIR CONDITIONERS

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- New central air systems are not eligible. Only upgrades to existing systems are eligible.
- Split system:  $\geq 15$  SEER /  $\geq 12.5$  EER
- Single package system:  $\geq 15$  SEER /  $\geq 12$  EER

Updated 6/1/2023