



## MN Heating Efficiency Program Changes

1. Efficiency requirements for boiler rebates
2. Acceptable boiler tune-up documentation expansion
3. Change to replacement boiler documentation requirements

### Efficiency Requirement Changes – Direct Fired Commercial Boilers

Boiler Type	New Boiler Size	Unit of Measurement
Steam or Hot Water	>300,000 BTUH	AFUE
Steam or Hot Water	>300,000 and <2,500,000 BTUH	Et (Thermal Eff)
Hot Water only	>2,500,000 BTUH	Ec (Combustion Eff)
Steam only	>2,500,000 BTUH	Et (Thermal Eff)

Boiler Efficiency is determined by the high-fire combustion efficiency at 80 °F return-water temperature and 180 °F leaving-water temperature (per AHRI testing criteria), unless actual design conditions for the specific boiler application are documented. Find boiler efficiency ratings at [ahridirectory.org](http://ahridirectory.org).

BTUH is determined by the boiler input size.

Rebates for commercial water heaters are for direct fired commercial water heaters > 75,000 BTU/h input – and must use natural gas to qualify for a heating rebate.

The minimum efficiency for a direct fired commercial water heater is 92 percent.

### Documentation Requirement Change For boiler tune-ups

Effective March 23, 2018, the documentation requirements have been expanded to accept the following:

- Electronic print out of flue gas analyzer test (preferred method)
- Handwritten test results
- Information printed on the invoice

### For replacement boilers

Effective June 28, 2018, replacement boiler rebates are available to eligible customers who are replacing a functioning or working boiler less than 30 years old. To qualify the replacement boiler must be the same size or smaller in order to qualify for the replacement boiler rebate. If not, the rebate will revert to the new boiler rebate.

- Include a copy of the current Minnesota State Boiler Inspection report indicating boiler was functional prior to it being replaced. The State of Minnesota requires all boilers



750,000 BTUH or larger to have an inspection, per the State of Minnesota statutes 326B.988 line #13.

- If the Minnesota State Boiler Inspection report is not available or if the boiler being replaced is less than 750,000 BTUH, then one of the following forms of documentation is required to verify the age of the replacement boiler to qualify for this rebate:
  - Copy of the city permit showing the date the boiler was installed
  - Copy of the insurance certificate showing the date the boiler was installed
  - Readable picture of the boiler name plate showing the date the boiler was installed
  - Boiler serial number
  - Include manufacturer model number with date range the boiler model was manufactured
  - Email from the trade partner and customer certifying the boiler was functioning and less than 30 years old
    - The customer and trade partner will be required to sign and date the replacement boiler certification section certifying the boiler that was replaced was functioning and less than 30 years old at the time it was replaced. See rebate application for signature requirement information if using this form of documentation.

New Boiler Rebates are available to eligible customers who install a boiler where one never existed, or replacing a non-operating (non-working) boiler or if the replacement boiler is larger than the boiler that was removed.



### Questions?

For more information please contact your account manager or one of our Energy Efficiency Specialist at the Business Solutions Center at **[energyefficiency@xcelenergy.com](mailto:energyefficiency@xcelenergy.com)** or by phone at **855.839.8862**.