



Energy Efficiency Programs



Energy Efficiency Programs - Outline

Previous Programs

- Saskatchewan EnerGuide for Houses
- Energy Efficient Rebate for New Homes
- Build Smart

Current Programs

- Commercial Boiler Program
- Commercial HVAC Program



Saskatchewan EnerGuide for Houses

- Funded by Government of Saskatchewan (administered by SaskEnergy)
- Was available (in various forms) from 2005-2013; now complete
- Provided grants to Saskatchewan homeowners to help them make choices to improve the comfort and energy efficiency of their home
- Program successes (approx. – 2011-13 version):
 - 11,500 cheques issued
 - 7,760 furnaces
 - 90 geothermal units
 - 590 HRV/ERV's
 - 630 Air conditioners
 - 2,000 domestic hot water systems
 - Increased attic & wall insulation levels
 - Thousands of windows and doors replaced
- Program model was very effective for recommending good upgrades:
 - review showed many participants entered for 1 grant but took action with additional upgrades because of the Service Organization's recommendations



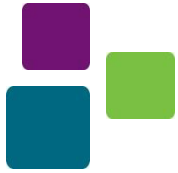
Energy Efficient Rebate for New Homes

- Funded by Government of Saskatchewan, SaskPower, and SaskEnergy (administered by SaskEnergy)
- Was available from 2007-2013; now complete
- Provided incentives to Saskatchewan residents who had built an energy efficient home that was ENERGY STAR® qualified, R-2000 certified or has an EnerGuide for New Homes rating of 80 or above
- Program successes (approx.):
 - 2,650 cheques issued
 - 122 geothermal units
 - 703 home builders opted for non-traditional natural gas appliances
- Program strength
 - promoted a bundle of energy efficiency improvements in one package, using the brand strength of ENERGY STAR, R-2000, and EnerGuide



Build Smart Registration Program for Home Builders

- Program funded and administered by SaskEnergy
- Was available from 2013-2014; now complete
- Recognized homebuilders who had taken the necessary steps to build high performance homes that were registered as ENERGY STAR® qualified, R-2000 certified or had an EnerGuide for New Homes rating of 80 or above.
- Program successes:
 - 68 cheques issued
 - 568 home registered
 - 465 instantaneous hot water systems
 - 103 storage tank hot water systems
 - 76 non-traditional natural gas appliances
- Program strength:
 - Offered at a time that standards were redesigned to lower energy consumption in new homes an additional 20% for ENERGY STAR and 50% for R-2000
 - Builders were uncertain about moving up with them – program was designed to encourage adoption



Business has
evolved,
so should
your **heating**
equipment.

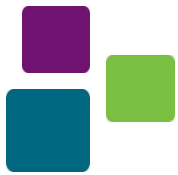
Commercial Boiler Program

The Commercial Boiler Program provides incentives for the purchase and installation of high-efficiency natural gas boilers in commercial new construction and retrofit applications.



Commercial Boiler Program

- Available exclusively through SaskEnergy Commercial Network Members (58 CNM based in 18 communities)
- Incentives provided to customers for installing high efficiency boilers
- Retrofit or new construction
- Average incentives covers 10-15% of installed cost
- Over 300 buildings have participated
- Typical customers using the program are
 - Office buildings
 - Apartments and condos
 - Municipal buildings
 - Warehouses and shops
 - Churches and community buildings
- Deadline November 30, 2015



Commercial Boiler Program



Purchase price incentives are calculated using the total installed BTU* input of the qualifying equipment.

Incentives for condensing boilers:

- \$14 per 1,000 BTU/hr for the first 600,000 BTU/hr
- \$3 per 1,000 BTU/hr above 600,000 BTU/hr
- Maximum eligible incentive is \$42,600

Incentives for near condensing boilers:

- \$3 per 1,000 BTU/hr
- Must be used in a hybrid system with at least one condensing boiler

Leasing is also available, OAC, from your SaskEnergy Commercial Network Member to cover the remaining costs associated with the equipment, engineering and installation.

*BTU - British Thermal Unit



Retro is great!
Unless it's your
heating & cooling
equipment.

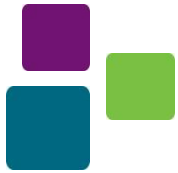
Commercial HVAC Program

The Commercial HVAC Program provides incentives for the purchase and installation of energy-efficient natural gas furnaces, boilers, unit heaters, rooftop units and infrared radiant heaters in commercial new construction and retrofit applications.



Commercial HVAC Program

- Available exclusively through SaskEnergy Commercial & Residential Network Members (58 CNM based in 18 communities, 138 RNM based in 51 communities)
- Incentives provided to customers for installing high efficiency boilers, furnaces, rooftop units, condensing unit heaters, and infrared heaters
- Retrofit or new construction
- Incentives vary per customer based on equipment installed
- Typical customers using the program are:
 - Strip malls
 - Smaller commercial buildings
 - Shops / Warehouses
 - Offices
 - Churches and community buildings
- Deadline November 30, 2015



Commercial HVAC Program

Furnaces

Furnace Incentives

- \$650 for each eligible furnace in the replacement market
- \$300 for each eligible furnace in new construction

Furnace Eligibility

- Furnaces must be ENERGY STAR® qualified high efficiency natural gas furnaces - 95% AFUE¹ with a brushless DC motor identified on the Natural Resources Canada website

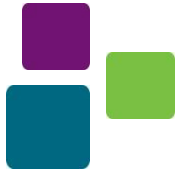
Boilers

Boiler Incentives

- \$10 per 1000 BTU⁴/hr of the total boiler plant input. Note: A boiler plant can be made up of 1 or more boilers

Boiler Eligibility

- High efficiency natural gas condensing boiler - 90%+ AFUE
- Boiler plant less than 400,000 BTU/hr
- Be listed on saskenergy.com as an 'Eligible Boiler'



Commercial HVAC Program

Infrared Radiant Heaters

Infrared Radiant Heater Incentives

- \$500 for each eligible infrared radiant heater for units 40,000 to 99,999 BTU/hr
- \$1,000 for each eligible infrared radiant heater for units 100,000 to 299,999 BTU/hr

Infrared Radiant Heater Eligibility

- Must use natural gas
- Minimum infrared radiant heater input rating of 40,000 BTU/hr
- Less than 300,000 BTU/hr
- Must be used in an indoor space heating application only (outdoor patio heaters do not qualify)

Unit Heaters

Unit Heater Incentives

- \$1,000 for each eligible condensing unit heater for units 40,000 to 149,999 BTU/hr
- \$1,500 for each eligible condensing unit heater for units 150,000 to 299,999 BTU/hr
- \$2,000 for each eligible condensing unit heater for units larger than 300,000 BTU/hr

Unit Heater Eligibility

- Condensing natural gas unit heater (90%+ thermal efficiency) identified on the Natural Resources Canada website
- Minimum heating input of 40,000 BTU/hr



Commercial HVAC Program

Rooftop Units

Rooftop Unit Incentives

- \$500 for each eligible rooftop unit, plus \$100 per ton of cooling capacity

Rooftop Unit Eligibility

- Does not exceed 20 tons
- Provides at least two stages of natural gas heating
- Provides at least SEER² 15 cooling for units up to and including 5 tons
- Provides at least EER³ 12 cooling for units larger than 5 tons
- Must be installed with an economizer
- Must be listed on saskenergy.com as an 'Eligible Rooftop Unit'





Commercial Leasing

- Offered through Commercial Network Members
- Benefits include:
 - Frees up cash flow
 - Fixed , pre-authorized payments
 - No down payments required
 - Simplicity of accounting
 - Preservation of bank lines



Questions?