

Annual Household Energy Costs & Carbon Footprint

Considering heating fuel source & system

A fossil free world starts at home.

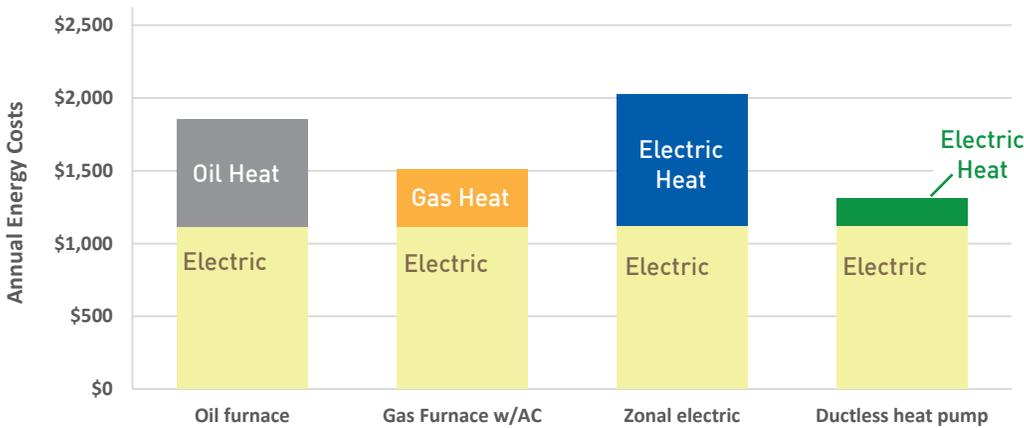
Here in Eugene, we are fortunate to have one of the cleanest power portfolios in the nation.

Because 80 percent of EWEB's power comes from carbon-free hydroelectric energy, replacing your fossil fuel heating system with an efficient electric system is one way you can help meet local and global carbon reduction goals.

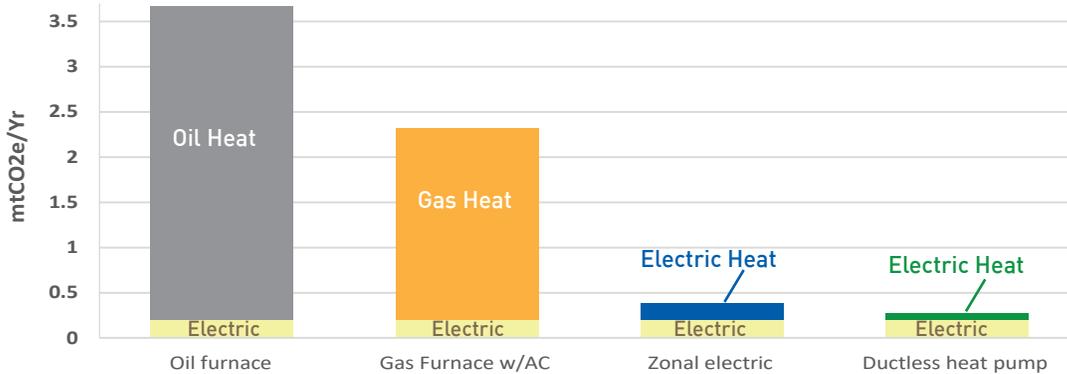
Upgrading to a high efficiency electric system can help lower your monthly bills as well. A ductless heat pump powered by EWEB can be cheaper to install and operate than any other system, including natural gas.



How does your heating system affect annual energy costs?



How does your heating system affect your carbon footprint?



Both costs and carbon footprints assume electric use typical of household components (lights, appliances, fans, etc.) and an electric water heater. Costs also includes the basic charges included on utility bills. The variable between the houses is the fuel and type of heating system. Carbon footprint is measured in metric tons of carbon dioxide equivalent emissions per year (mtCO2e/Yr).

All values are provided as example and rely on various assumptions. Because there are many variables to an individual home, the values are not intended as a direct comparator to your home or situation.



Ductless Heat Pump



About
\$1,300



0.3 mtCO2e/Yr

Ductless heat pumps come with built-in air conditioners.



Zonal Electric



About
\$2,000



0.4 mtCO2e/Yr



Gas Furnace with AC



About
\$1,500



2.3 mtCO2e/Yr



Oil Furnace



About
\$1,800



3.7 mtCO2e/Yr



Annual energy costs



Metric tons of carbon dioxide equivalent per year