

# Annual Water Heating Costs & Carbon Footprint

Considering fuel source & water heater type

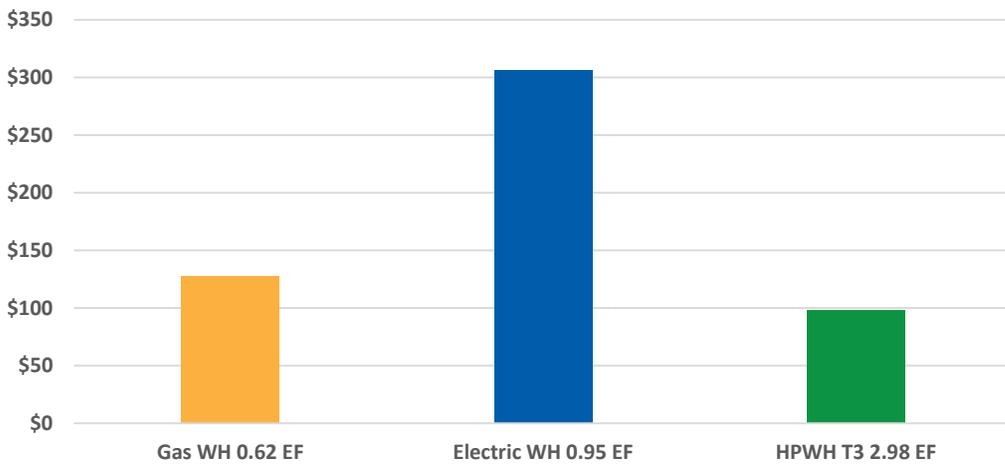
## A fossil free world starts at home.

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

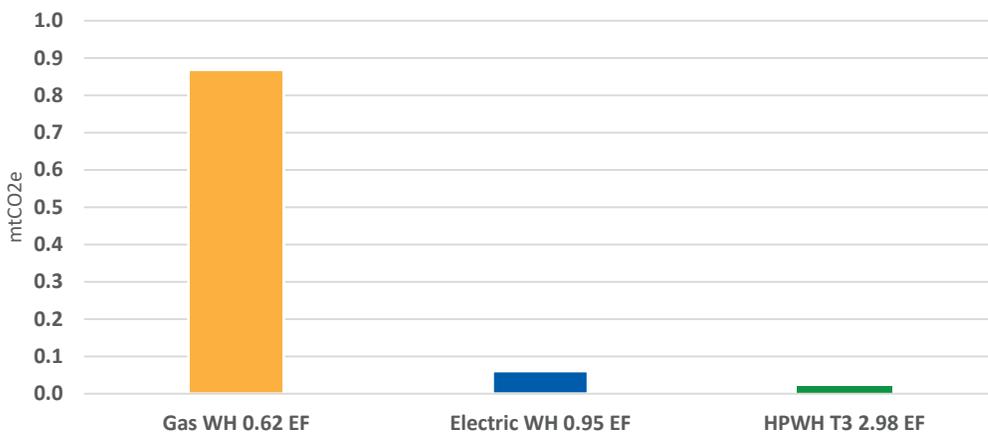
Because 80 percent of EWEB's power comes from carbon-free hydroelectric energy, replacing your gas water heater with a heat pump water heater is one way you can help meet local and global carbon reduction goals.



### How much does it cost to operate your hot water heater?



### How much does your hot water heater contribute to your carbon footprint?



Both operating cost and carbon footprint assume an average consumption of 50 gallons per day and the noted energy factor for each type of hot water heater. 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.

### Heat Pump Water Heater



**2.98 EF (Tier 3)**

Icon of money: **About \$100**

Icon of footprint: **0.02 mtCO2e/Yr**

### Electric Water Heater



**0.95 EF**

Icon of money: **About \$310**

Icon of footprint: **0.06 mtCO2e/Yr**

### Gas Water Heater



**0.62 EF**

Icon of money: **About \$130**

Icon of footprint: **0.87 mtCO2e/Yr**

Icon of money: Annual water heating costs

Icon of footprint: Metric tons of carbon dioxide equivalent per year

**EF** The energy factor indicates the overall energy efficiency. The higher the EF the more efficient the water heater.