

# Heating Cost Comparison

Prepared By Midstate Electric Cooperative, Inc.

<b>Input Parameters</b>	
<b>1700 Sq. Ft. Home</b>	
<b>LA PINE, OR 97739</b>	
Estimated. Square Footage Of Home	1700
Estimated Watt Loss Per Sq. Ft.	5
Local Climate Correction Factor	1.0
Heating Degree Days	7800

<b>Current Local Fuel Costs</b>	
Electricity / Kwh	\$ 0.0542
Natural Gas / Therm	\$ 1.1256
Propane / Gallon	\$ 1.5000
Fuel Oil / Gallon	\$ 1.5000
Pellets / Ton	\$ 150.00
Fire Wood / Cord	\$ 150.00

## Annual Heating Cost Comparisons

<b>Geothermal Heat Pump</b>	
HSPF	12
Estimated Kwh/Year	4,771
Heating Costs Per Year	\$ 259

<b>Air Source Heat Pump</b>	
HSPF	8.5
Estimated Kwh/Year	6,736
Heating Costs Per Year*	\$ 501

*\* Includes supplemental electric heat*

<b>Natural Gas</b>	
Efficiency	80%
Estimated Therms/Year	716
Heating Cost/Year	\$ 806

<b>Electric Resistance Furnace</b>	
Efficiency	100%
Estimated Kwh/Year	16,776
Heating Costs Per Year	\$ 909

<b>Fuel Oil</b>	
Efficiency	88%
Estimated Gal/Year	547
Heating Cost/Year	\$ 820

<b>Propane</b>	
Efficiency	80%
Estimated Gal/Year	1,037
Heating Cost/Year	\$ 1,556

<b>Wood Stove</b>	
Efficiency	40%
Estimated Cord/Year	7.2
Heating Cost/Year	\$ 1,074

<b>Pellet Stove</b>	
Efficiency on High Setting	70%
Estimated Ton/Year	4.8
Heating Cost/Year	\$ 722

**Estimated Annual Htg Costs Per Heating System**

