

Fuels Compared 08/09/22		Yearly Average Cost per	Cost for <b>1,000,000</b> BTU's of Usable Heat	Cost for <b>53,000,000</b> BTU's of Usable Heat	A Saey Coal Stove Will Save
<b>Anthracite Coal</b>		\$/Ton			
Btu's/pound	12700	\$270.00	\$15.19	\$804.84	
Stove Efficiency	70%	\$280.00	\$15.75	\$834.65	
for		\$290.00	\$16.31	\$864.45	
53,000,000 btu's		\$300.00	\$16.87	\$894.26	
at an efficiency of 70%		\$310.00	\$17.44	\$924.07	
you need to purchase		\$320.00	\$18.00	\$953.88	
2.98 tons		\$330.00	\$18.56	\$983.69	
<b>Propane</b>		\$/Gallon			
Btu's/gallon	91,330	\$1.98	\$22.82	\$1,209.49	
Furnace Efficiency	95%	\$2.08	\$23.97	\$1,270.58	
for		\$2.18	\$25.13	\$1,331.67	
53,000,000 btu's		\$2.28	\$26.28	\$1,392.75	
at an efficiency of 95%		\$2.38	\$27.43	\$1,453.84	
you need to purchase		\$2.48	\$28.58	\$1,514.92	
610.86 gallons		\$2.58	\$29.74	\$1,576.01	<b>Propane Furnace 35.8%</b>
<b>Propane</b>		\$/Gallon			
Btu's/gallon	91,330	\$1.98	\$30.97	\$1,641.46	
Stove Efficiency	70%	\$2.08	\$32.54	\$1,724.36	
for		\$2.18	\$34.10	\$1,807.26	
53,000,000 btu's		\$2.28	\$35.66	\$1,890.16	
at an efficiency of 70%		\$2.38	\$37.23	\$1,973.06	
you need to purchase		\$2.48	\$38.79	\$2,055.97	
829.02 gallons		\$2.58	\$40.36	\$2,138.87	<b>Propane Stove 52.7%</b>
<b>Heating Oil</b>		\$/Gallon			
Btu's/gallon	138690	\$4.70	\$42.36	\$2,245.12	
Furnace Efficiency	80%	\$4.80	\$43.26	\$2,292.88	
for		\$4.90	\$44.16	\$2,340.65	
53,000,000 btu's		\$5.00	\$45.06	\$2,388.42	
at an efficiency of 80%		\$5.10	\$45.97	\$2,436.19	
you need to purchase		\$5.20	\$46.87	\$2,483.96	
477.68 gallons		\$5.30	\$47.77	\$2,531.73	<b>Oil Furnace 62.6%</b>
<b>Electric (West Penn)</b>		\$/KWH			
Btu's/kilowatt	3,415	\$0.122	\$35.72	\$1,893.41	
Equipment Efficiency	100%	\$0.127	\$37.19	\$1,971.01	
for		\$0.132	\$38.65	\$2,048.61	
53,000,000 btu's		\$0.137	\$40.16	\$2,128.34	
at an efficiency of 100%		\$0.142	\$41.58	\$2,203.81	
you need to purchase		\$0.147	\$43.05	\$2,281.41	
15519.77 KWH		\$0.153	\$44.80	\$2,374.52	<b>Elec (WP) 58.0%</b>
<b>Electric (PPL)</b>		\$/KWH			
Btu's/kilowatt	3,415	\$0.178	\$52.12	\$2,762.52	
Equipment Efficiency	100%	\$0.182	\$53.29	\$2,824.60	
for		\$0.187	\$54.76	\$2,902.20	
53,000,000 btu's		\$0.192	\$56.29	\$2,983.32	
at an efficiency of 100%		\$0.197	\$57.69	\$3,057.39	
you need to purchase		\$0.202	\$59.15	\$3,134.99	
15519.77 KWH		\$0.207	\$60.61	\$3,212.59	<b>Elec (PPL) 70.0%</b>

Current Price