

Cost per Million BTUs

Electric		
	3414	BTU/KWH
	293	KWH/MBTU
\$/KWH	100%	efficiency
\$0.06	\$17.57	
\$0.08	\$23.43	
\$0.10	\$29.29	
\$0.15	\$43.94	
\$0.20	\$58.58	

Heat Pump		
	2.2	COP
	133	KWH/MBTU in
\$/KWH	10%	% Backup heat
\$0.06	\$9.75	
\$0.08	\$13.00	
\$0.10	\$16.25	
\$0.15	\$24.37	
\$0.20	\$32.50	

GS Heat Pump		
	3.5	COP
	84	KWH/MBTU in
\$/KWH	150	Pump watts
\$0.06	\$5.03	
\$0.08	\$6.71	
\$0.10	\$8.39	
\$0.15	\$12.58	
\$0.20	\$16.77	

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Oil		
	138,690	BTU/gal
	7.2	gal/MBTU
\$/gal	80%	efficiency
\$2.50	\$22.53	
\$3.00	\$27.04	
\$3.50	\$31.55	
\$4.00	\$36.05	
\$4.25	\$38.30	

Natural Gas		
	103,000	BTU/Ccf (100ft^3)
\$/CCF	90%	efficiency
\$1.50	\$16.18	
\$1.75	\$18.88	
\$2.00	\$21.57	
\$2.10	\$22.65	
\$2.25	\$24.27	

Propane		
	91,690	BTU/gal
	10.9	gal/MBTU
\$/gal	80%	efficiency
\$1.75	\$23.86	
\$2.00	\$27.27	
\$2.25	\$30.67	
\$2.50	\$34.08	
\$2.75	\$37.49	

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Coal		
	11500	BTU/Lb
	87	Lb/MBTU
\$/Ton	70%	efficiency
\$150	\$9.32	
\$175	\$10.87	
\$200	\$12.42	
\$225	\$13.98	
\$250	\$15.53	

Wood		
	12,100,000	BTU/cord
	0.08	cord/MBTU
\$/cord	70%	efficiency
\$175	\$20.66	
\$200	\$23.61	
\$225	\$26.56	
\$250	\$29.52	
\$275	\$32.47	

Wood Pellet		
	8200	BTU/Lb
	122	Lb/MBTU
\$/Ton	80%	efficiency
\$200	\$15.24	
\$225	\$17.15	
\$250	\$19.05	
\$270	\$20.58	
\$300	\$22.87	