

Estimated Energy Costs at 20 and 40 Years at Various Rates and Usages

800 kWh / month	per kWh	Montly \$	Yearly \$
2008	0.12	\$96.00	\$1,152.00
2009	0.13	\$101.76	\$1,221.12
2010	0.13	\$107.87	\$1,294.39
2011	0.14	\$114.34	\$1,372.05
2012	0.15	\$121.20	\$1,454.37
2013	0.16	\$128.47	\$1,541.64
2014	0.17	\$136.18	\$1,634.13
2015	0.18	\$144.35	\$1,732.18
2016	0.19	\$153.01	\$1,836.11
2017	0.2	\$162.19	\$1,946.28
2018	0.21	\$171.92	\$2,063.06
2019	0.23	\$182.24	\$2,186.84
2020	0.24	\$193.17	\$2,318.05
2021	0.26	\$204.76	\$2,457.13
2022	0.27	\$217.05	\$2,604.56
2023	0.29	\$230.07	\$2,760.84
2024	0.3	\$243.87	\$2,926.49
2025	0.32	\$258.51	\$3,102.07
2026	0.34	\$274.02	\$3,288.20
2027	0.36	\$290.46	\$3,485.49

Total Electric Paid after 20 years \$42,377.00

The above calculations assume (only) 800kWh per month usage, starting at 12 cents per kWh, increasing 6% a year every year (rounded off) for 20 years.



The following chart is calculated the same way as above starting with 12 cents per kWh except I only used 2% through 5% increases, with 3 different kWh usages per month, and then both 20 and 40 years. Note: The average annual inflation rate is often higher than 2%.

Usage	2% increase/yr	3% increase/yr	4% increase/yr	5% increase/yr
800kwh month				
20 years	\$27,990.57	\$30,954.67	\$34,304.35	\$38,091.98
40 years	\$69,583.08	\$86,862.25	\$109,469.39	\$139,161.34
1000kWh month				
20 years	\$34,988.21	\$38,693.34	\$42,880.43	\$47,614.97
40 years	\$86,978.86	\$95,121.08	\$136,836.74	\$173,951.67
1200kWh month				
20 years	\$41,985.86	\$46,432.01	\$51,456.52	\$57,137.97
40 years	\$104,374.63	\$130,293.38	\$164,204.09	\$208,742.01