

Solar Panel Stats:

The solar panels were installed in 2020 by SunPro. Solar panels lose 1% of their production capability each year so they are currently about 94% of their peak capacity when they were installed. All parts are warranted for 25 years. There are 41 panels on the roof installed with a system designed for winds up to 140mph.

The main house is gas and electric. The newer Carriage House is all electric. Costs for gas are nominal, about \$30 a month most of the year and higher in cold winter months. Electricity costs are offset by solar power produced by the panels and by solar buy-back when output from the panels exceeds what is needed in that moment. Electricity is then purchased (at a higher rate) when demand exceeds what the solar panels are producing (for example, overnight). Multiple electricity providers in Texas have plans specifically for homes equipped with solar panels. TXU Energy is our current provider.

2025 electricity bills*:

Jan	\$66.88
Feb	\$66.71
Mar	\$56.15
Apr	\$42.16
May	\$45.32
Jun	\$96.49
Jul	\$238.59
Aug	\$261.40
Sep	\$245.33
Oct	\$93.30
Nov	\$57.78
Dec	\$65.41

Total: \$1,335.52 for 2025 (average \$111.29/month)

*Note: We recently retired and were away from home much of 2025, although we were home in the summer heat, typically the time of year experiencing the greatest need for electricity due to the need to run the AC units. We had regular AirBnB guests throughout the year.

Texas excludes the value of the solar panels when assessing the home value for tax purposes--another benefit to having solar power!