




## ◆ AI Overview

A 10.62 kW solar system is a substantial, large-scale residential setup that can generate significant savings, generally covering all electricity needs for an average American home. Based on data for a similarly sized 10 kW+ system, you can expect to save **\$3,000 to over \$5,000 per year** in electricity costs, depending on your location, utility rates, and sunlight hours.  EnergySage +3

## Estimated Savings and Production

- **Annual Energy Generation:** A 10.62 kW system typically produces **13,000–17,000+ kWh annually** in sun-rich areas.
- **Annual Dollar Savings:** Depending on local electricity rates, a system of this size can save approximately:
  - **\$3,200 - \$4,300+ annually** in high-rate states (e.g., California).
  - **\$1,500 - \$2,500+ annually** in areas with average electricity rates (e.g., Texas/Florida).
- **Monthly Savings:** You could see monthly reductions on your utility bill ranging from **\$150 to over \$350**.  RxSun +3

## Factors Influencing Savings

1. **Location & Sun Exposure:** A 10.62 kW system in a sun-rich area like Texas or California will generate significantly more power (closer to 17,000 kWh/year) than one in a cloudy northern state.
2. **Net Metering Policies:** Your savings depend on whether your utility company offers 1-to-1 credit for excess electricity sent back to the grid.
3. **Electricity Rates:** If your local utility charges a high rate per kWh (e.g., over \$0.20), your savings will be much higher than in areas with low rates.
4. **Energy Usage Habits:** To maximize savings, it is best to use appliances during the day when the system is producing at its peak.  EcoWatch +4