

# Solar FAQ



**Q:** What is a Solar Electric System?

**A:**

1. **Photovoltaic (PV) Modules:** These produce DC electricity during daylight hours
2. **Inverter:** Converts the DC electricity to AC electricity used in your home or business

**Q:** What about clouds and rain?

**A:** When power is reduced from your solar system, energy is still produced.

**Q:**

**What happens when the utility power goes out?**

**A:** If the grid goes down, your system goes down for that time as well. A standard grid-connected system without batteries will not supply backup power in the event of a utility outage. Battery backup systems are available, which can provide power to critical circuits during an outage.

**Q:**

**How much is it?**

**A:**

It depends on what you want. Prices can range from \$10,000 on upwards, depending on your energy demands. An average 3kW system would cost approximately \$28,500.

**Q:**

**...and the Tax Credits?**

**A:** When you install a Solar Electric system you become eligible for a 30% unlimited Federal tax credit and a 35% limited (to \$5,000) State tax credit.

*We have all seen the soaring utility rates, and the devastating impacts of the continued use of fossil fuels. It is apparent that investment in a PV solar electric system can offset the costs and balance, both financial and environmental, of an ever increasing oil dependency.*

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