

## Did You Know?

# LG Solar

## Solar Systems Provide Backup Power During an Outage – Only *If* You Install Energy Storage

Many homeowners who install solar modules don't realize their modules won't supply power during a grid power outage because the inverters that control the solar modules are shut down during the outage. This "shut-down" occurs because it protects utility crews that are deployed to repair the grid. Also, excess energy can't be sent to the grid during an outage.<sup>1</sup>

If you want to use energy from your solar system as backup power during an outage, you need an energy storage system. Energy storage systems store excess energy generated by your modules in a battery (or batteries) that can provide power when your solar array is operating.

Interested in learning more?

Contact Us Today

The LG Electronics Energy Storage System, available in both AC-coupled (for existing solar systems) and DC-coupled (as part of a new solar system) configurations, includes everything you need:

- A high-efficiency Power Conversion System (PCS)
- An Auto-transfer Switch
- 3 Rapid Shutdown Boxes (DC-coupled systems only)
- EnerVu: an LG Installation App and monitoring tool that enables you to monitor and control your system
- LG Chem Lithium Ion battery
- An Energy Meter
- An optional Secondary Battery for even more energy storage

LGE Energy Storage System includes all of these components, so we can provide any assistance you need as a "one-stop-shop" for the system's 10-year limited warranty.

In addition to providing backup power during a grid outage, your LGE Energy Storage System can store energy for use at night or during the late afternoon hours when some utilities charge more for energy from the grid.

**When you go solar, ask for the brand you can trust: LG Solar**

<sup>1</sup> "Does solar work in a blackout?" Third Sun Solar. June 21, 2019. Web.  
<https://thirdsunsolar.com/residential/does-solar-work-in-a-blackout/>

