OutBack POWER™
an EnerSys company

Gulf South Solar

GRID/HYBRID CASE STUDY

SYSTEM SPECIFICATIONS	
Location	Baton Rouge, Louisiana
System Power	3 to 4kW system
Components	FLEXpower ONE

OVERVIEW

Gulf South Solar is a full-service renewable energy products and systems designer and installer for the Louisiana and Southern Gulf region. Based in Baton Rouge, Gulf South Solar distributes, designs and installs solar powered systems for residential, non-profit and commercial projects. Gulf South Solar was one of the first in Louisiana to offer systems with battery backup to both homeowners and businesses. Owner Jeff Shaw knew that one of his first customers would have to be his own business for two reasons. First, its location meant that Gulf South Solar could expect large hurricanes or severe weather patterns nearly every year. Secondly, the local utility had a reputation for taking up to two weeks to repair power lines after strong storms.

CHALLENGE

- Keep Gulf South Solar's offices running 24/7, regardless of weather/utility conditions
- Adopt a fully integrated PV/solar power system employees can install quickly and easily
- Offset energy bills and electricity usage year-round using solar power

SOLUTION

- Install OutBack Power's FLEXpower ONE system, a pre-wired, self-contained power conversion system with reliability and value proven through repeated installations
- Gulf South Solar and its customers used OutBack solutions to stay powered even in utility blackouts

OUTCOME

- OutBack Power's battery backup-based systems deliver emergency power for both Gulf South Solar and its customers
- Gulf South Solar has a competitive advantage over other systems designers who don't offer battery backup services
- Many of Gulf South Solar's customers in Louisiana can achieve payback on their PV/solar system investment in as little as five years

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