



Partners for a **Brighter** Future

**A new town, built and powered from the ground up by solar energy.
An innovative idea brought to life by Babcock Ranch and FPL.**



A partnership built on eco-friendly values

The FPL Babcock Ranch Solar Energy Center, comprised of more than 340,000 photovoltaic solar panels, generates clean energy for FPL customers, including the Babcock Ranch community when the sun is shining. This makes Babcock Ranch the first new town where solar production exceeds the total energy footprint from day one.

At night or on cloudy days, Babcock Ranch is powered by some of the cleanest power in the country through FPL's highly fuel-efficient fleet of natural gas and zero-emissions nuclear power plants. And now, with the addition of a new battery storage facility at Babcock Ranch, FPL can store solar energy and deliver it to the grid at a later time, improving the predictability of solar power, which naturally fluctuates with the sun's availability.

FPL has also constructed a three-story high viewing tower which provides visitors with an uninterrupted, dynamic birds-eye-view of the 440-acre solar power plant.

FPL Babcock Ranch Solar Energy Center

- » Located on a 440-acre site
- » 74.5 megawatts of quiet, zero-emissions energy, enough to power about 15,000 homes
- » Emissions prevention equivalent to removing 12,000 cars from the road every year
- » Combined with other FPL solar plants, customers will benefit from millions of dollars in savings due to several factors including system fuel savings
- » Generating clean, solar power since 2016



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CHANGING THE CURRENT.  **FPL**

Innovative technologies at work

New battery technology is capable of storing power generated by the FPL Babcock Ranch Solar Energy Center during the day when the sun is shining. The stored power can be dispatched to the grid at a later time, improving the predictability of solar power, which naturally fluctuates with the sun's availability.

The FPL Babcock Ranch Solar Energy Center features a 10-megawatt/40-megawatt-hour battery energy storage system – the largest combined solar-plus-storage system commissioned in the U.S.



Solar throughout the community

As you walk through Founder's Square at Babcock Ranch, you'll see the exciting new ways we are bringing more solar to Florida.

Through our voluntary SolarNow program, we have installed more than 300 kW of solar on shaded picnic areas and rooftops of key buildings, as well as five solar trees around the area.



How universal solar works

As sunlight hits the solar panels, the energy from the sun travels to an inverter where it is converted to a usable form of energy. From the inverter, some of the emissions-free energy goes into a new battery system to be stored for use at a later time while the rest of the energy travels through the power grid for delivery to homes and businesses.

