



# 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.**

## FPL SOLAR ENERGY CENTERS MAKE GOOD NEIGHBORS



**Quiet operations**



**Solar panels sit low to the ground**



**No increase to traffic**



**No water needed**



**No lights at night**

## A partnership built on eco-friendly values

The FPL Babcock Ranch Solar Energy Center, comprised of nearly 330,000 photovoltaic solar panels, generates clean energy for the community every minute that 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. In the years ahead, FPL is building an advanced battery storage facility at Babcock Ranch that will extend its ability to use solar energy.

Zero-emissions power isn't the only environmental benefit from this solar plant. Through a partnership with Audubon Florida, FPL is creating a safe haven for pollinator species by planting native plants and vibrant wildflowers at the solar plant to attract butterflies, honeybees and other critical species to the site.

## FPL Babcock Ranch Solar Energy Center

- » Located on a 440-acre site donated by Babcock Ranch developer, Syd Kitson.
- » 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
- » Built cost-effectively; savings from fuel and other expenses means no net cost to customers
- » Generating clean, solar power since 2016



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CHANGING THE CURRENT.



# Florida's Energy Landscape is Bright

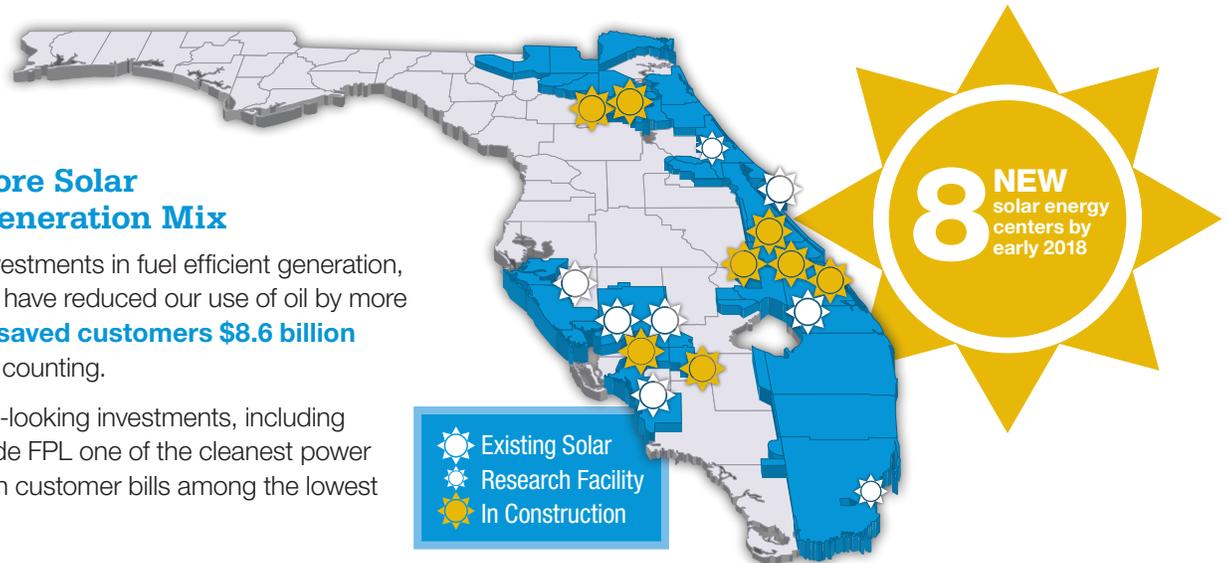
FPL has been working for several years to find ways to reduce costs in order to bring more universal solar to its customers cost-effectively. FPL plans to add an average of nearly 300 megawatts of new solar annually from 2017 through at least 2023, for a total of nearly 2,100 megawatts of new universal solar under development across its Florida service area – enough to power more than 420,000 homes. This includes approximately 600 megawatts FPL is building at eight sites that are expected to begin operating less than a year from now.



## Adding More Solar to FPL's Generation Mix

Since 2001, investments in fuel efficient generation, including solar, have reduced our use of oil by more than 98% and **saved customers \$8.6 billion on fuel ...** and counting.

Smart, forward-looking investments, including solar, have made FPL one of the cleanest power companies with customer bills among the lowest in the country.



## How universal solar works

As sunlight hits the solar panels, the energy from the sun is converted into direct current (DC) electricity before it flows into power inverters where it is converted into alternating current (AC). The zero-emissions electricity travels through transformers and the voltage is boosted for delivery onto the electric grid for delivery to homes and businesses.

