



# Advancing Solar in Florida – Charlotte County and FPL



FPL Babcock Solar  
Energy Center  
Charlotte County, Fla.

## FPL Babcock Ranch Solar Energy Center – Coming in 2016

- » 74.5-megawatts of solar capacity
- » Located on 440 acres in Charlotte County
- » Part of the future Babcock Ranch Community
- » Serving FPL customers beginning 4Q 2016

Artist's conceptual rendering of the FPL Babcock Ranch Solar Energy Center

**The sun shines brightly in Charlotte County, future home to the FPL Babcock Ranch Solar Energy Center. The large-scale solar plant, which will begin serving your community by the end of 2016, is one of three new 74.5-megawatt solar plants that will triple FPL's solar capacity.**

The FPL Babcock Ranch Solar Energy Center will be located on land donated specifically for this zero-emissions plant by Babcock Ranch developer, Syd Kitson. The new solar facility will provide electricity generated by the sun and it will serve as a clean energy landmark that supports Babcock Ranch's forward-thinking approach to sustainable living.

## Advancing Solar in Florida

### Three new solar energy centers

- » 225 MW of power
- » More than one million panels
- » Enough to power about 45,000 homes
- » No net cost to customers

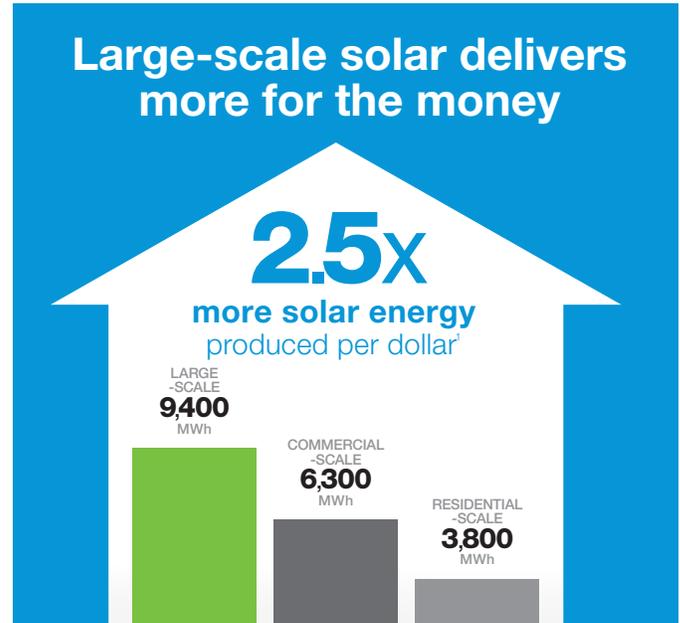


**Tripling  
Our Solar Capacity  
in 2016**

## The smart way to do solar

The FPL Babcock Ranch Energy Center is the most economical way to build solar in Florida. Large-scale solar power plants can produce 2.5 times more energy for the money than residential rooftop solar. And, FPL's large-scale solar plants benefit all customers.

While solar power – even large-scale installation – is not yet cost-effective in our service area, FPL is leveraging multiple cost-saving advantages to make the FPL Babcock Ranch Solar Energy Center a reality for our customers. This includes building on sites with prior permitting and development that are located in close proximity to transmission and other necessary infrastructure. And with its Southwest Florida location, which has the state's most intense sunlight, the solar plant will generate three to five percent more solar production.



Sources: Project costs based on Bloomberg New Energy Finance in-house forecast Jan 2015 and SEIA/GTM Solar Market Insights 1Q2015 for theoretical \$10 million investment. Capacity factors: 26% for large-scale; 20% for DG C&I; 17% for DG residential

*“We are honored and pleased that Florida Power and Light Company has selected Babcock Ranch for its next Solar Energy Center in Florida. Knowing this new town will have a clean, renewable energy source with the capacity to power not only Babcock Ranch, but the greater community as well, is a game changer and consistent with the eco-sensitive values that are at the core of our development philosophy.”*

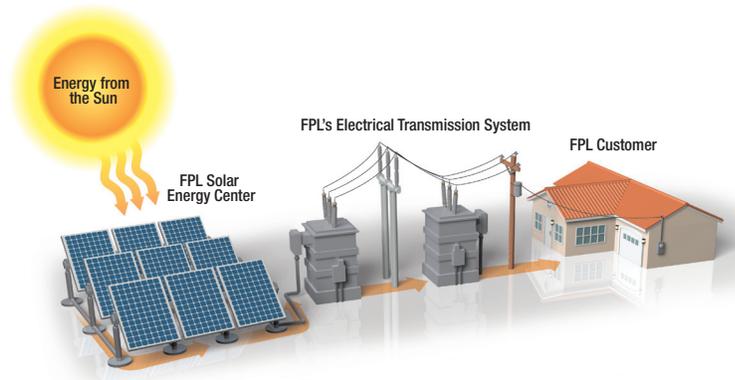
– Syd Kitson  
Chairman & CEO of Babcock Ranch

*“This represents a tremendous opportunity for us to put Charlotte County and Babcock Ranch on the map as clean-energy leaders. Our community is very proud of our relationship with Florida Power & Light, and its efforts to advance renewable energy throughout the state.”*

– Tom Patton  
Economic Development Director, Charlotte County

## From the sun to you – How large-scale solar works

As sunlight hits the solar panels, the solar 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 where it is distributed to FPL customers to power their homes and business.



***The FPL Babcock Ranch Solar Energy Center would not have been possible without the support of Charlotte County leaders. FPL looks forward to bringing this new solar project to your community.***