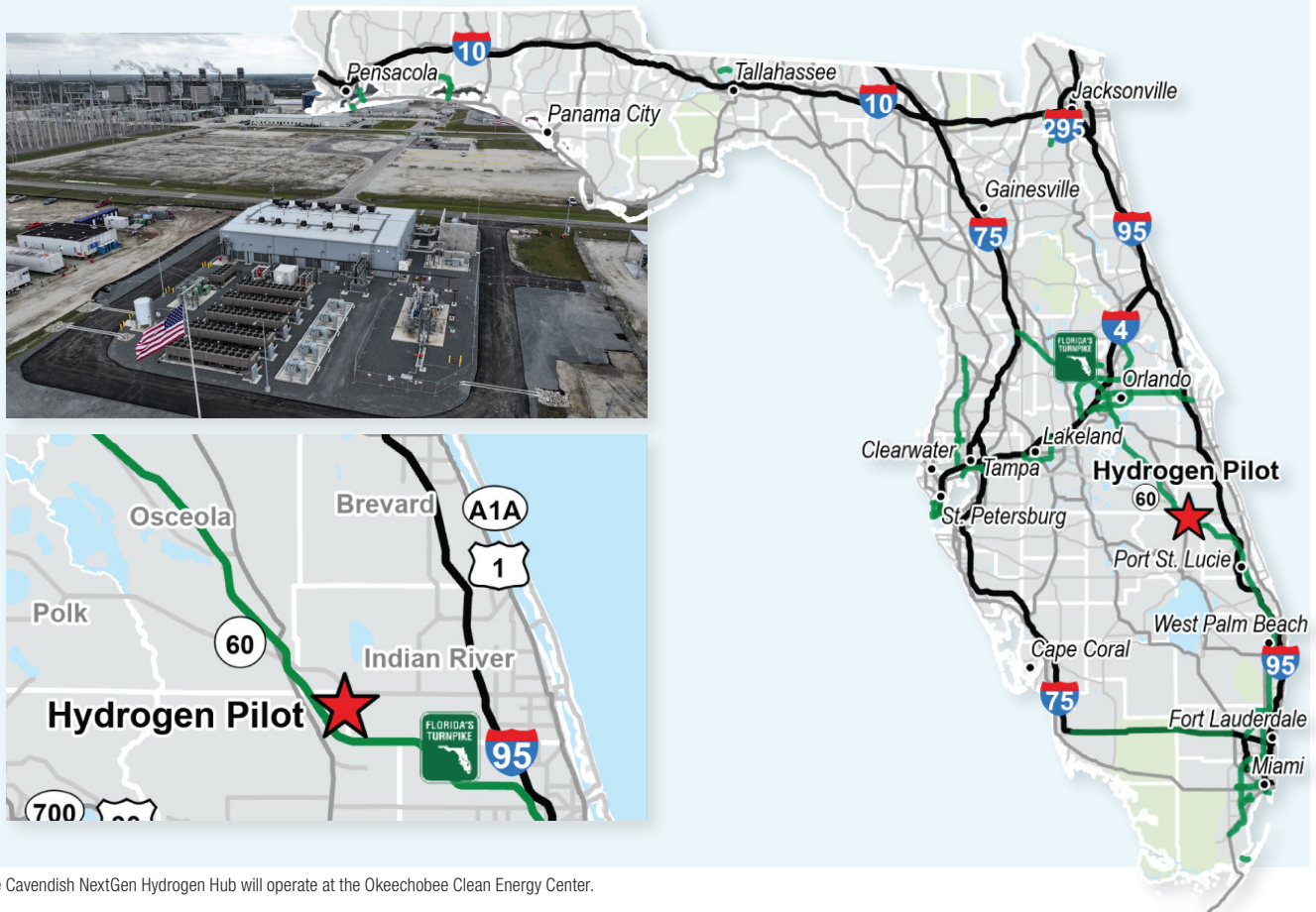


# FPL Cavendish NextGen Hydrogen Hub at the Okeechobee Clean Energy Center



The Cavendish NextGen Hydrogen Hub will operate at the Okeechobee Clean Energy Center.

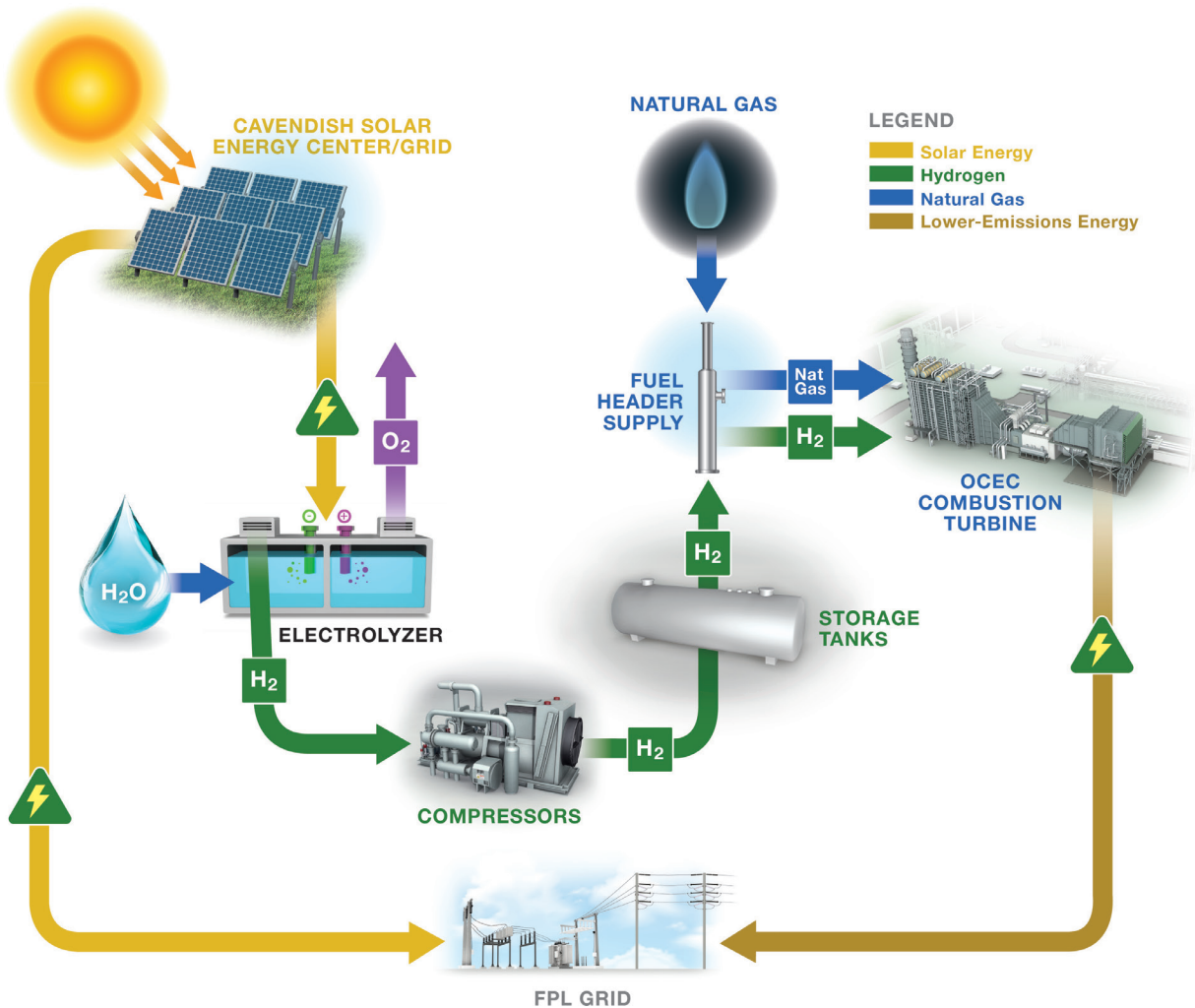
## A clean energy solution that benefits our customers

**This first-of-its-kind hydrogen project in Florida demonstrates Florida Power & Light Company's (FPL) commitment to innovation.**

Similar to our previous approach on battery storage and solar energy, the Cavendish NextGen Hydrogen Hub is a pilot project located at the Okeechobee Clean Energy Center (OCEC). Solar power from a nearby solar power plant will provide energy to produce hydrogen. It will then be stored and blended with natural gas to produce cleaner energy that will be distributed across FPL's energy grid. Hydrogen will offset a portion of natural gas used for the combined-cycle power generation units at OCEC.

Hydrogen is complementary to FPL's existing clean technology portfolio, which includes solar, battery storage, natural gas and nuclear. By starting off small, we can take our lessons learned and see how we can apply it at a larger scale. Testing new technologies is necessary to determining how to build a more resilient and cost-effective grid.

# How it works



## How it works

During the middle of the day, excess solar energy is produced at the Cavendish Solar Energy Center. This additional solar energy will go to power hydrogen production equipment, including an electrolyzer.

The electrolyzer splits water into its two basic elements: hydrogen and oxygen. The oxygen is released harmlessly into the air, while the hydrogen will be compressed, stored and blended with natural gas, and used as fuel in power generation equipment to generate electricity that will provide cleaner energy for FPL customers across the grid.