

SMART GRID IN FLORIDA

Who got smart grid grants in Florida?

- . **Progress Energy** Florida, St. Petersburg: \$100 million, half of the \$200 million given to parent company in North Carolina.
- . **Florida Power & Light**, Miami: \$200 million for its Energy Smart Florida project.
- . **Lakeland Electric**: \$20 million for its 125,000 smart meter network.
- . **Jacksonville Electric Authority**: \$13 million for a project that includes "dynamic pricing" of electricity.
- . **Leesburg**: \$9.7 million for a project that includes different rates at different times.
- . **Tallahassee**: \$8.9 million for load control system to trim 35 megawatts at peak periods.
- . **Talquin Electric Cooperative**, Quincy: \$8.1 million for project including outage management system.
- . **Intellon Corp.**, Orlando: \$4.9 million for power line communication improvements.
- . **Quincy**: \$2.5 million for two-way communications, dynamic pricing project.

Source: White House, American Reinvestment and Recovery Act

Making smart grids work

- . For customers, it means receiving up-to-the-moment information from the power company about how much energy a home or business uses and how to put it to most efficient use. That can range from reducing air-conditioning demands at peak times, running clothes dryers timed to start at midnight and turning off unnecessary lights.
- . To tap alternative energy sources, it means feeding that off-the-grid power efficiently into the electrical distribution grid. That means knowing when it's sunny to tap solar power or windy to tap wind power, and communicating those options to a utility's control center.
- . To improve the efficiency of the power lines that carry electricity from a power plant to a home or business, it means using sensors to monitor the voltage and any potential outages. The overall goal: to make the best possible use of the electricity being generated and, in the process, require fewer power plants to be built in the future.

Links to Smart Grid Articles

<http://www.miamiherald.com/opinion/editorials/story/1303860.html>

<http://www.tampabay.com/news/business/energy/article1047719.ece>

Meetings in Florida

December 18th, 2009: Banner Center Focus Group Meeting –to discuss Smart Grid Training Opportunities

January 20-22' 2010: [Smart Grid Expo – Miami, FL](#)