



**United States  
Department of  
Agriculture**

## Florida—Rural Business Programs



Phase I-591 Panels



### Outline Of Need:

Lindsay Precast, Inc., is a family owned and operated business specializing in precast concrete products for more than 50 years. They manufacture over 200 precast products, including agricultural precast, here in the United States. Lindsay Precast has operations in Florida, Colorado, Ohio, and North Carolina.

Lindsay Precast, Inc. was seeking an alternative to save energy in two of their commercial warehouses. They came to the USDA/Rural Development for assistance in developing a renewable energy solar photovoltaic system on their warehouses.

### How Rural Development Helped:

Rural Development assisted the owner, Mr. Ronald

Lindsay, Jr., by providing a \$240,312 Renewable Energy for America (REAP) Grant which was awarded to complete the project. The total project cost was \$961,248.

### The Results:

A 400.52 kWh solar photovoltaic system comprised of 1290 panels was installed on the rooftops of the commercial warehouses in two phases. Phase I has 591 panels and the second phase, the main facility, has 599 panels. The solar panel installation is expected to reduce energy consumption by 104%, resulting in \$98,257 annual savings in energy expense for Lindsay Precast, Inc.

Not only will the use of solar panels reduce annual energy expenses, it will also lessen the environmental impact by lowering the use of fossil fuels, carbon production, and other greenhouse gas emissions, leading to better air quality.

The Rural Energy for America Program (REAP) provides assistance to small businesses for development of renewable energy and energy efficiency systems.

## Fast Facts

**Program:** Rural Energy for America (REAP)  
**Date:** July 29, 2016  
**Investment:** \$240,312 REAP Grant  
**Congressional District:** District 3, Theodore Yoho  
**Demographics:** Alachua, Alachua County, FL, pop: 9059