

## RENEWABLE ENERGY PROJECT CASE STUDY



### PJ Kraft Ground Mounted Solar PV System

With \$483 thousand in funds provided by the AlabamaSAVES™ Revolving Loan Fund, PJ Kraft Enterprises was able to install a ground mounted 200 kW photovoltaic (“PV”) solar system on their 3.1 acre property in Athens, AL. The system is interconnected to the City of Athens Electric Utility and the renewable power created will be sold to the Tennessee Valley Authority under a 10 year power purchase agreement.

The installation of the 200 kW PV solar system will allow PJ Kraft to produce on-site renewable energy and generate approximately \$27K in annual revenues from the electricity sold under the power purchase agreement.

### Annual Energy Revenue

- \$27K in annual revenue
- 278K kWh of annual renewable energy production
- \$278 thousand in energy revenue over 10 years

### Impact of Upgrades

- Energy measures installed “Above and Beyond” existing energy code requirements
- Emissions reduction equivalent of removing **1,224 cars** from the road over 10 years

The AlabamaSAVES™ Program (the “Program”) is dedicated to providing financing solutions for commercial and industrial energy-efficiency and renewable energy projects within the State of Alabama. Sponsored by the Alabama Department of Economic and Community Affairs (“ADECA”), the Program is committed to supporting local business growth statewide, providing clean energy solutions, reducing energy costs, and creating jobs within the State.

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# ALABAMA SAVES™

*Sustainable and Verifiable Energy Savings*

Our mission is to expand energy efficiency in the built environment through innovation and excellent delivery of transformative financial and technology solutions that motivate building owners and occupants to make lasting change in energy consumption.

## **Alabama Department of Economic and Community Affairs (“ADECA”), Energy Division**

The overall mission of the ADECA Energy Division, as the State Energy Office, is to increase energy efficiency, reduce energy consumption, promote energy efficiency and renewable energy technologies, make energy efficiency more affordable for low-income residents, and to aid low-income households, especially those with vulnerable populations such as elderly, disabled and young children, with the increasing costs of home energy.



## **Abundant Power and CleanSource Capital**

Abundant Power Group, LLC based in Charlotte, NC, is an energy management services company providing financial and technology solutions for the built environment ecosystem. Abundant brings expertise in finance, engineering, building science, technology and real estate to each of its programs. For more information on Abundant, please visit [www.AbundantPower.com](http://www.AbundantPower.com). CleanSource Capital, LLC, also based in Charlotte, NC, is an affiliate formed by Abundant Power to administer and grow its SAVES platform using alternative forms of specialized financing as well as to provide specialty finance solutions and advisory services in the energy efficiency industry.

