

ALABAMA SAVES™

Sustainable and Verifiable Energy Savings

RENEWABLE ENERGY PROJECT CASE STUDY



Apel Steel Ground Mounted Solar PV System

With \$150 thousand in subsidized funds provided by the AlabamaSAVES™ Program, Apel Steel was able to reduce its cost of borrowing funds to install a ground mounted 340 kW photovoltaic (“PV”) solar system that includes a battery storage system, called an “enerG Station,” on their commercial property in Cullman, AL to help make Apel Steel energy independent.

The installation of the 340 kW PV solar system and supplemental storage from the “enerG Station” will allow Apel Steel to produce the majority of its required power from on-site renewable energy sources and generate approximately \$75K in annual electricity savings.

Annual Energy Savings

- Average of **\$75K** in annual savings
- **470K kWh** of annual renewable energy production
- Payback **7.2 years**
- **\$760 thousand** in costs saved over 10 years

Impact of Upgrades

- Energy measures installed “**Above and Beyond**” existing energy code requirements
- Emissions reduction equivalent of removing **750 cars** from the road over 10 years
- Reduced building carbon footprint
- Reduced building operating expense

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.

For more information on the AlabamaSAVES™ Program contact:
Greg Montgomery
Managing Director, CleanSource Capital
gmontgomery@abundantpower.com (704) 674-7005



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. 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.

