



Rooftop Solar PV CASE STUDY

Eastman Solar Array

This unique 4KW solar array was designed to offset power used to run a multi pump irrigation system in Eastman, GA. This rural system is monitored by our PowerEnfo system which allows the customer to schedule his pumps to operate during the array's peak performance times. This actionable insight allows our customer to offset the vast majority of his electric bill by aligning his consumption with his on site power production.

This project demonstrates the effectiveness of solar for rural applications which require a custom approach. Farmers and sportsman alike can benefit from the versatility and energy savings which solar can provide to their operation.

Project Goals

- Offset energy used for irrigation system
- Sell surplus power to the grid
- Reduce electric bill by 70-80%



System Size

4.17KW



ROI Payback Period

6 Years



Energy Savings

70%