



Rooftop Solar PV CASE STUDY

Mansfield Energy Company

Mansfield Energy is known as an environmental pacesetter in its headquarters location of Hall County, GA. As the first company in the community to earn LEED Silver Certification from the U.S. Green Building Council, Mansfield understands the value of making the most of every available resource. So, when company executives decided to renovate its headquarters in 2012, they tapped the expertise of Velo Solar's engineers to design a 100 kW solar system for its 18,000 square feet of office space.

Project Scope: Velo Solar provided full design, engineering, procurement and construction of the solar PV rooftop array; project management, administration and quality management; operations and maintenance, and ongoing energy monitoring.

With an ROI payback period of just three years, the solar array at Mansfield will generate an ongoing 25% energy savings every year for the 25 year lifespan of the system.

"As we look forward into the future, Mansfield remains focused on constant innovation and improvements that benefit not only our organization but the energy industry at large."

CEO Michael F. Mansfield

PROJECT GOALS

- Three-year or less Return on Investment
- Reduce energy expense
- Demonstrate sustainability commitment
- Earn LEED Certification points
- Reduce carbon footprint



System Size

100 kW



ROI Payback Period

3 years



Energy Savings

25%