

# SUCCESS STORY



## FERREIRA CONSTRUCTION

### THE CUSTOMER

Since its founding in 1988, New Jersey-based Ferreira Construction has grown to become one of the nation's premier contractors, specializing in Civil, Power and Utility, and Marine construction.

### THE CHALLENGE

As part of the company's commitment to sustainability—and to meet statewide greenhouse gas reduction goals—Ferreira set out to create a net-zero commercial building for its new 42,000 square-foot corporate headquarters.

The company needed a monitoring solution that could leverage its investment in solar panels while also tracking the building's energy consumption. American Energy Services' Advanced Monitoring System delivered the tools the company needed to meet and exceed its energy goals.

### THE RESULTS

Ferreira completely eliminated its \$100,000 annual energy bill AND was able to generate \$50,000 in annual cash flow by supplying excess solar energy to the grid.

The Advanced Monitoring System installed optimized the performance of the renewable energy system, and the energy savings from varied energy conservation projects were measured and verified in real time.

Achieving net-zero status enabled Ferreira Construction to move from spending \$2.31/sq ft in utility bills to generating \$1.11/sq ft per year in cash flow by supplying excess renewable energy, back to the grid, plus the additional solar renewable credits.

Upon completion, Ferreira's headquarters claimed the title of first net-zero electric commercial building in the United States.



**\$100,000**  
Annual Energy Cost  
Reduction



**83%**  
Carbon Footprint  
Reduction



**+\$50,000**  
Annual Cash Flow

# Clear Solutions for Energy Efficiency

## AES COMMITMENT TO SERVICE

For over 15 years, American Energy Services has been a trusted provider of single and multi-product energy solutions. AES is dedicated to delivering **cost-effective energy solutions** and establishing long-term relationships with commercial and public customers based on exacting technical and ethical standards and achieving measurable results.

At AES we believe in earning the respect and trust of our clients, and after more than a decade of providing clients with full turnkey solutions we still hold fast to that foundational belief.

American Energy Services leverages **a national network** of AES offices and certified partners serving small businesses, Fortune 500 companies, government agencies, healthcare facilities, property management companies, and schools and universities.



Understanding the unique needs of your building is our priority. With this assessment, we are able to provide you with a plan to improve your environment as well as your budget.

To learn more, reach out to us by phone or online.



Graded  
Audit



Design  
Build



LED  
Lighting



Intelligent  
Controls



AES  
Monitoring



EV  
Charging



Service  
Excellence



Financing  
Options

## ABOUT AES

American Energy Services is a trusted provider of energy solutions that helps small businesses and Fortune 500 companies reduce their monthly energy bills, resulting in double-digit percentage savings. This advance in reducing energy use allows our clients to rededicate valuable resources back into their organization. The technology AES provides has led to our partners being honored ENERGYSTAR® Partner of the Year.

