



VF Corporation Realizes New Operational Efficiency Savings with Panoramic Power Energy Management Solutions



"I've been in the sustainability field for more than 10 years, and have seen numerous solutions come and go, but Panoramic Power has a solution that works, and works really well."

"We are very pleased with the energy savings and operational efficiency improvements that resulted from the implementation."

Global Sustainability Manager

COMPANY OVERVIEW

VF Corporation is a global leader in branded lifestyle apparel and footwear that includes more than 30 brands. The company is an \$11 billion apparel and footwear powerhouse, with an incredibly diverse, international portfolio of brands and products that reach consumers around the world. The VF Corporation has built a loyal customer base around the world, and the company continues on its path of long-term success. The company has a strong commitment to sustainability and corporate social responsibility - aligning social and environmental impacts. VF Corporation knows that accountability starts with their own operations, and therefore set clear goals to reduce their impact and continually challenge themselves to do better. The company prides itself on owning and operating highly-efficient manufacturing facilities as well as the retail stores of the VF Corp brands.

EXPANDING ENERGY EFFICIENCY AT VF CORPORATION

Based on the success of VF Corporation's successful Panoramic Power implementation at The North Face California locations, the company decided to look into the solution for further use. Certified Panoramic Power partner ePlanet Facility Group met with John Westcott, Global Sustainability Manager at VF Corporation. He was pleased with the energy savings and operational efficiency improvements at The North Face stores and decided to implement the solution at the company's 350,000 sq. foot distribution center in Oklahoma. The Seminole Oklahoma facility services customers from Walmart, Kmart and Target. Primary brands shipped from this distribution center are Wrangler, Riders, Rustler and the distribution center includes over three miles of conveyer, operates 24/7 with three shifts on 11 receiving docks.

BUSINESS CHALLENGE

VF Corporation Management wanted an energy management solution at one of their key distribution centers after realizing that nearly 35% of the company's energy load was coming from the large distribution centers. They wanted to reduce energy costs and improve operational efficiencies while helping the company continue to meet its rigorous new sustainability policies. In addition, they wanted to use the data collection and analysis to help establish a baseline for performance and benchmarking for other distribution centers.

RESULTS

- 5% reduction in energy consumption
- Reduction of off-hour energy consumption
- Operational efficiencies and preventive maintenance for HVAC systems throughout distribution center
- ROI within 6 months



RESULTS

Partnering with Wrangler Distribution Center Manager Ray McQuiston and his onsite engineering team, Wrangler realized numerous benefits by using Panoramic Power's device level energy management platform. The main objective was to focus on reducing energy costs of the massive distribution center's heating, ventilating and air conditioning (HVAC) systems.

ePlanet Facility Group implemented the Panoramic Power solution at the distribution center's HVAC and ventilation systems in 2 days. The immediate flow of data and actionable insights sent to dashboard enabled management to explore the data in a wide range of granularity and aggregation levels.

SAVINGS

- Total Estimated Energy Savings: \$50,100/year
- ROI within 6 months
- 5% reduction in energy bills
- Reduction of after-hours energy consumption

Operational Efficiency

- Discovered/reported 2 failed economizers
- Modified control sequences limiting times compressor is engaged
- Stabilized operation schedule to save on maintenance costs
- Behavioral changes and workforce awareness among personnel
- Optimized processes