

CASE STUDY

DIGI-RTU™

FACILITY:
**OFFICE &
 DISTRIBUTION
 CENTER**
 ASHRAE ZONE 5, NE



Building Information

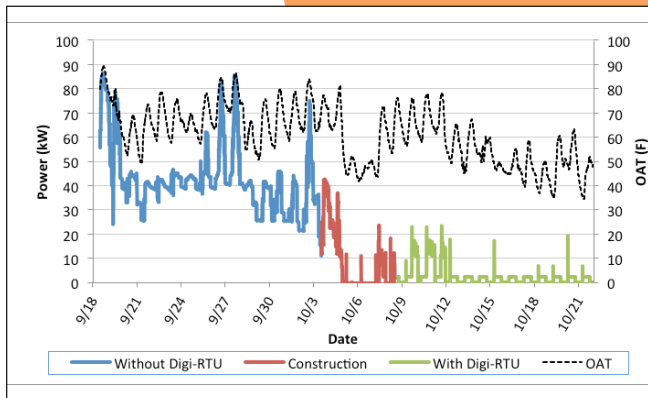
- » Office and distribution center
- » Total 153,800 square feet
- » High value product storage
- » Temperature controlled & monitored demand control

System Information

- » Total 19 HVAC Rooftop Units

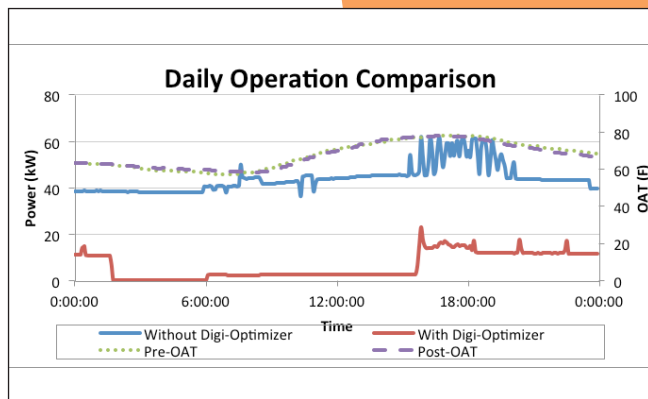
Project date:

- » September 2013



HVAC ROOFTOP UNITS

- » Installed 19 Digi-RTU's
- » One dedicated electrical meter
- » Measured two weeks prior and two week post to Digi-RTU installation, M&V followed
- » All measure and verification methods used in this report follow The International Protocol of Energy Savings Measurement and Verification.



BENEFITS

- » Improved comfort and system reliability
- » Reduced Entire facility energy consumption
- » The distribution center space temperature, all levels, continued to be maintained with the required range and the pre-install range of 1%.
- » Annual energy savings:
 - » Electricity: 238,444 kWh - **85% reduction**
- » Simple payback: **1.8 years**