

- National Retail Chain -

Energy Efficiency Pilot Program Savings Summary

Type of Business:

Retail

Number of Locations:

3,500

Number of IntelliHVAC Devices:

7,000

Engineering Consultants:

Tower Engineering

Average Annual IntelliHVAC Reduction:

\$934.68

Total Annual Cost Reduction:

\$6,542,760.00

Project ROI:

13.8 Months

Madison Energy worked with a National Retail Chain (OH) to reduce energy costs by \$6,542,760 annually

Madison was able to prove the results of the project with the following process:

- Connected EKM meters to record baseline energy consumption
 - Install IntelliHVAC and record performance energy consumption
 - Download data and export to 3rd party engineers
 - Results were weather normalized and extrapolated
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How It Works:

intelliHVAC

Retrofits to 24V terminal and reduces energy via efficient fan control and compressor cycling. Variable timing on the post purge fan captures latent energy while intelligent cycling reducing unnecessary compressor run-time. Energy reduction 10-30%. Lifetime warranty.

