



Type of Business:

QSR

Number of Locations:

750

Number of EnerG<sup>2</sup> Devices:

1125

Number of IntelliHVAC Devices:

1125

Engineering Consultants:

HMS Engineering and Tower Engineering

Average Annual EnerG<sup>2</sup> Reduction:

\$616.50

Average Annual IntelliHVAC Reduction:

\$799.10

Total Annual Cost Reduction:

\$1,592,550.00

Project ROI:

16.8

Madison Energy worked with a Multi-State C-Store Chain to reduce energy costs by \$1,592,550 annually

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

- ✎ Connected Dent TOU and EKM Meters to record baseline energy consumption
- ✎ Install EnerG<sup>2</sup> and IntelliHVAC and record performance energy consumption
- ✎ Download data and export to 3<sup>rd</sup> party engineers
- ✎ Results were weather normalized and extrapolated

**EnerG<sup>2</sup>**

Retrofits to existing thermostat and provides a more accurate means of temperature measurement by simulating food product via a proprietary gel compound. Energy reduction 15-25%. Compressor reduction 40-60%. Lifetime warranty.

**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.



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