



THE MADISON ENERGY GROUP

ENERGY EFFICIENCY SOLUTIONS

Case Study

Client: K1 Mobile C-Store

Dates: March 2019

Technologies: EnerG², IntelliHVAC

of Locations: 3

Engineering Consultants: Tower Engineering
HMS Engineering



Summary

Dent TOU and EKM meters were connected directly to walk-in refrigeration compressors and two HVAC units for two weeks in order to record a baseline of energy consumption at the circuit level. EnerG² and IntelliHVAC technology was then installed and two weeks of performance energy consumption were recorded. Data was then downloaded and exported to HMS Engineering and Tower Engineering for analysis and reporting. Results were weather normalized and extrapolated for the purpose of providing projected annual savings figures.

I. Average Annual EnerG ² Savings:	\$	643.74
II. Average Annual IntelliHVAC Savings:	\$	1,420.04
III. Total Annual Savings (18 Locations):	\$	16,643
IV. Return on Investment (Months):		10.54

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