

Type of Business:

**Hotel**

Number of Locations:

**1**

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

**210**

Number of IntelliHVAC Devices:

**66**

Engineering Consultants:

**HMS Engineering and Tower Engineering**

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

**\$111,300.00**

Average Annual IntelliHVAC Reduction:

**\$43,296.00**

Total Annual Cost Reduction:

**\$154,596.00**

Project ROI:

**12.9 Months**

## Madison Energy worked with Xanterra Resorts to reduce energy costs by \$154,596 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



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.



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.



**MADISON ENERGY**  
EFFICIENCY MADE SIMPLE