

### Test Building

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Business Type	Equipment Sales
Location	Houston, TX (USA)
A/C or Refrigeration	A/C
Unit Type	Rooftop
# of Units	1 (2 Compressor)

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### Result Highlights

Return on Investment	Annual kWh Reduction	kWh Savings	Greenhouse Gas Reduction
<b>14 months</b>	<b>7773.6 kWh</b>	<b>19.6%</b>	<b>10,485 lbs</b>

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The evaluation was conducted in September & October 2008

#### Evaluation Period

- ECO<sup>3</sup><sup>TM</sup> OFF: September 30, 2008 – October 4, 2008
- ECO<sup>3</sup><sup>TM</sup> ON: October 7, 2008 – October 11, 2008

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#### Project Description

ECO<sup>3</sup><sup>TM</sup> equipment was installed on 1 two compressor air conditioning unit.

The ECO<sup>3</sup><sup>TM</sup> unit was switched between ON and OFF modes in order to gather comparative data for the air conditioning unit. Energy data loggers were installed to measure and record the Amperage consumption of the air conditioning unit during the evaluation period.

The data loggers take a measure every 8 seconds and are set to provide accumulated record every 45 seconds.

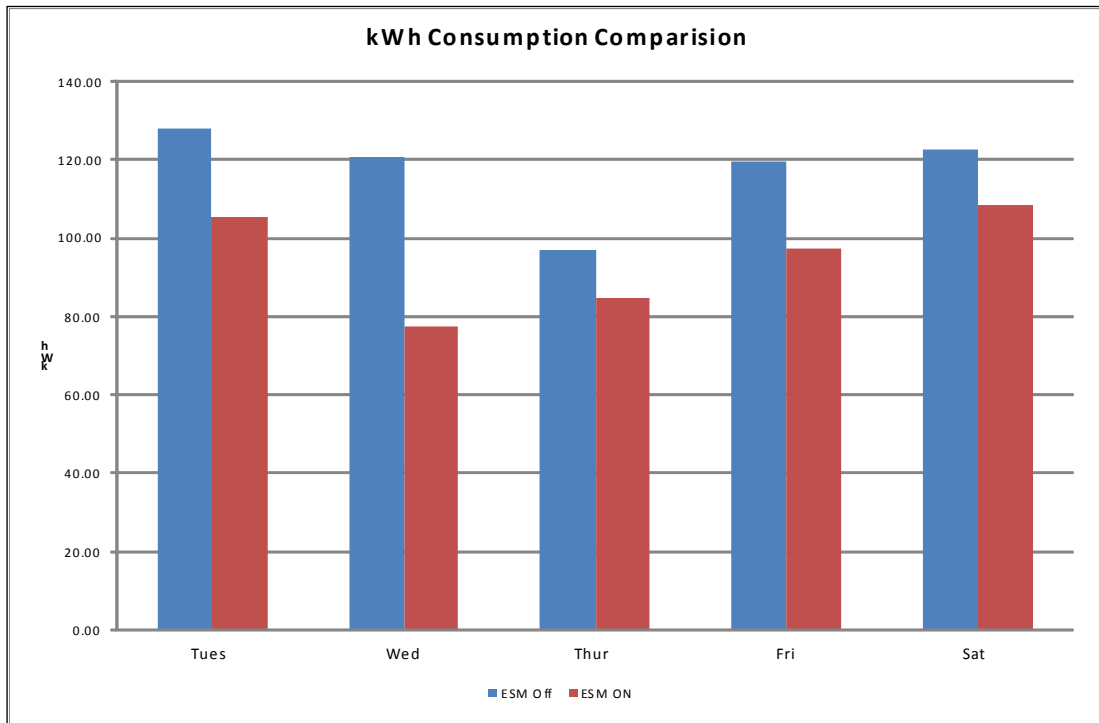
Throughout the evaluation loggers were also used to measure and record the internal temperature.

The external ambient conditions were obtained from the Weather Underground website (<http://www.wunderground.com>)

## ECO<sup>3</sup>™ PERFORMANCE REVIEW

### Results Summary

Results from the evaluation clearly demonstrate that the ECO<sup>3</sup>™ significantly reduces kWh consumption providing both financial and environmental benefits without compromising temperature requirements of the facility.



### Electricity Reduction

Average Daily kWh Reduction	22.95 kWh
kWh % Reduction	19.6 %
Estimated Annual kWh Reduction	7773.6 kWh
Pay Back Period	14 months

### Environmental Benefits

Greenhouse Gas Reduction	10,485 pounds
Tree Equivalent	6 acres
Enough Electricity to Supply	1 home