



# THE MADISON ENERGY GROUP

ENERGY EFFICIENCY SOLUTIONS

Case Study:



# Domino's®



# THE MADISON ENERGY GROUP

ENERGY EFFICIENCY SOLUTIONS

## Proof of Concept Protocol

Purpose: Demonstrate product performance on specified equipment at multiple pre-determined locations.

### Measure Baseline Data:

- I. Identify equipment
- II. Ensure unit is operating properly (normal duty cycle, no visible ice, reaches set point)
- III. Ensure thermostat is accessible and compatible
- IV. Ensure compressor motor is accessible for data logger connection
- V. Record unit information: Type, Mfg, Model #

### Compressor Power Source:

- I. At the compressor
  - i. Single phase (hot lead)
  - ii. 3 Phase (1 of 3 hot leads)
- II. Locate power rating (amperage/voltage) on compressor nameplate
- III. Record on datasheet; Phase, Volts and Amps
- IV. Record pilot start date/time on datasheet

### Record Baseline Data:

- I. Install Dent TOU CT Logger or EKM Omni-meter V.3
- II. Record Baseline Data – 7 days
- III. Validate baseline data

### Measure Performance Data:

- I. Install Madison technology
- II. Record install start date/time
- III. Record Performance Data – 7 days
- IV. Validate Performance Data
- V. Record pilot ending date/time
- VI. Analyze results



EnerG<sup>2</sup> reduces energy consumption and compressor cycles in walk-in coolers and freezers by providing a more accurate means of temperature measurement through a specialized gel compound that simulates the food product temperature instead of the air temperature which fluctuates with more volatility. It retrofits to the existing thermostat air probe and requires no additional maintenance.



**Guaranteed to Reduce Energy Costs 15 – 30%**  
**Reduces Compressor Cycles by 40 – 60%**  
**Prevents Wear and Tear**  
**Extends Life of Equipment**  
**12 Month ROI**  
**Green Restaurant Associated Endorsed**  
**Reduced CO2 Emissions – Go Green!**  
**Lifetime Warranty**

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EnerG<sup>2</sup> is a device that was developed by The Madison Energy Group and contains a non-toxic, food safe gel compound that has similar thermal properties to that of food and beverage. It is therefore, not subject to the same wider and more volatile standard of deviation in temperature that air is. The technology of EnerG<sup>2</sup> is based on the fact that food and beverage products contain significantly differently thermal properties than air. This means that their temperatures rise and fall at different rates and at different intervals. This causes inefficiency in operation because typical measurement is of the environment (air) and not the actual food and beverage product. Air, having very little density, fluctuates with more volatility thereby causing the coolers to engage in cooling cycles unnecessarily, while EnerG<sup>2</sup> simulates the stable temperature curve of food product and allows the cooler to operate only when it needs to.

When applied, EnerG<sup>2</sup> easily retrofits over the external air probe in commercial coolers and freezers and converts the temperature measurement from the ambient air temperature to that of food and beverage temperature. We are now measuring the *intended target of measurement* of food and beverage temperature instead of the immediate environment surrounding the thermostat. This creates an inherently more efficient scenario and results in an average energy reduction of 15-30%. EnerG<sup>2</sup> is also effective at reducing carbon emissions by several thousand pounds annually. It also increases food safety by maintaining more stable temperature ranges and reduces maintenance costs on equipment by minimizing unnecessary compressor cycles.

# HMS Engineering Ltd.

Phillip Stewart

Engineering Consultant

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## Background and Qualifications for Energy Analysis

Mr. Stewart joined the US Military in 1982 and became a marine engineer involved with mechanical, electrical and structural engineering. After completing his military tour in 1990, he was recruited by Walt Disney World as a Control Specialist and Engineer. During that period Mr. Stewart became extremely interested in energy management systems. After opening Pleasure Island, MGM Studios, Disney Vacation Club, he realized that it was time for new growth in my life and joined Florida's largest Service Company BGSI. Mr. Stewart became certified as a Master Engineer for Refrigeration and Food Equipment.

After years of international endeavours Mr. Stewart entered semi-retirement where he established his consulting company, HMS Engineering Ltd. (HMS), based in Montego Bay, Jamaica in 2007.

As a Chief Engineer, Renewable Energy Consultant and Food Equipment expert, he continues to educate and assist many large companies on ways to reduce their energy consumption and increase their bottom line profits. Companies he has supported over years include Sandals, Couples Resorts, Montego Bay Convention Centre, KFC, Wendy's, Burger King, Moes, Margaritaville, and many others.

The attached Baseline/Performance Test Report was prepared by Mr. Stewart and all findings are based on analysis of the raw data logger information collected onsite and provided to him. I certify that neither I nor my company (HMS Ltd.) ever receive any compensation which correlates in any manner whatsoever to test report results and that the referenced report findings are accurate and unbiased.

Phillip Stewart



Chief Engineer  
HMS Engineering Ltd.

Referenced Report No. WAB111918

Dated 11/19/2018

# HMS Engineering

Client :

The Madison Energy Group  
5 Hargett St., 4th Floor  
Raleigh, North Carolina 27601

Report Print Date:

16-Nov-18

Report No.:

Dom111618

Facility / Location:

Dominos Pizza - Midland, TX (503)

Room/Equip. Tested:

Walk-in Cooler

## Calculation Basis

Compressor Motor: HP: 0.3 Volts: 230 RLA: 8.0 Phase: 3  
Power Consumption: 2.84 kW Electricity Rate: \$0.08 per kWh

## Operating Basis

	(Without EnerG <sup>2</sup> )	With EnerG <sup>2</sup>	Change	% Change
Projected Run Hours / Yr:	6,852	5,214	-1,638	-23.9%
Projected Cycles / Yr:	9,855	4,380	-5,475	-55.6%

## Energy Use & Cost Savings per Month

	(Without EnerG <sup>2</sup> )	With EnerG <sup>2</sup>	Change	% Change
Operating Hours / Month:	571	435	-137	-23.9%
KWh / Month:	1,622	1,234	-388	-23.9%
Energy Cost / Month	\$130	\$99	-\$31	-23.9%

## Mechanical Cost Savings per Month

	(Without EnerG <sup>2</sup> )	With EnerG <sup>2</sup>	Change	% Change
Cycles / Month:	821	365	-456	-55.6%
Compressor Maintenance Cost/ Month:	\$42	\$19	-\$23	-55.6%

## Combined Energy and Mechanical Cost Savings

	(Without EnerG <sup>2</sup> )	With EnerG <sup>2</sup>	Change	% Change
Energy & Mechanical Cost / Month:	\$171	\$117	-\$54	-31.6%
Energy & Mechanical Cost / Year:	\$2,057	\$1,407	-\$650	-31.6%

EnerG<sup>2</sup> Return on Investment  
Months

11.06



Summary

.....Dominos TX.log (CT18040039)

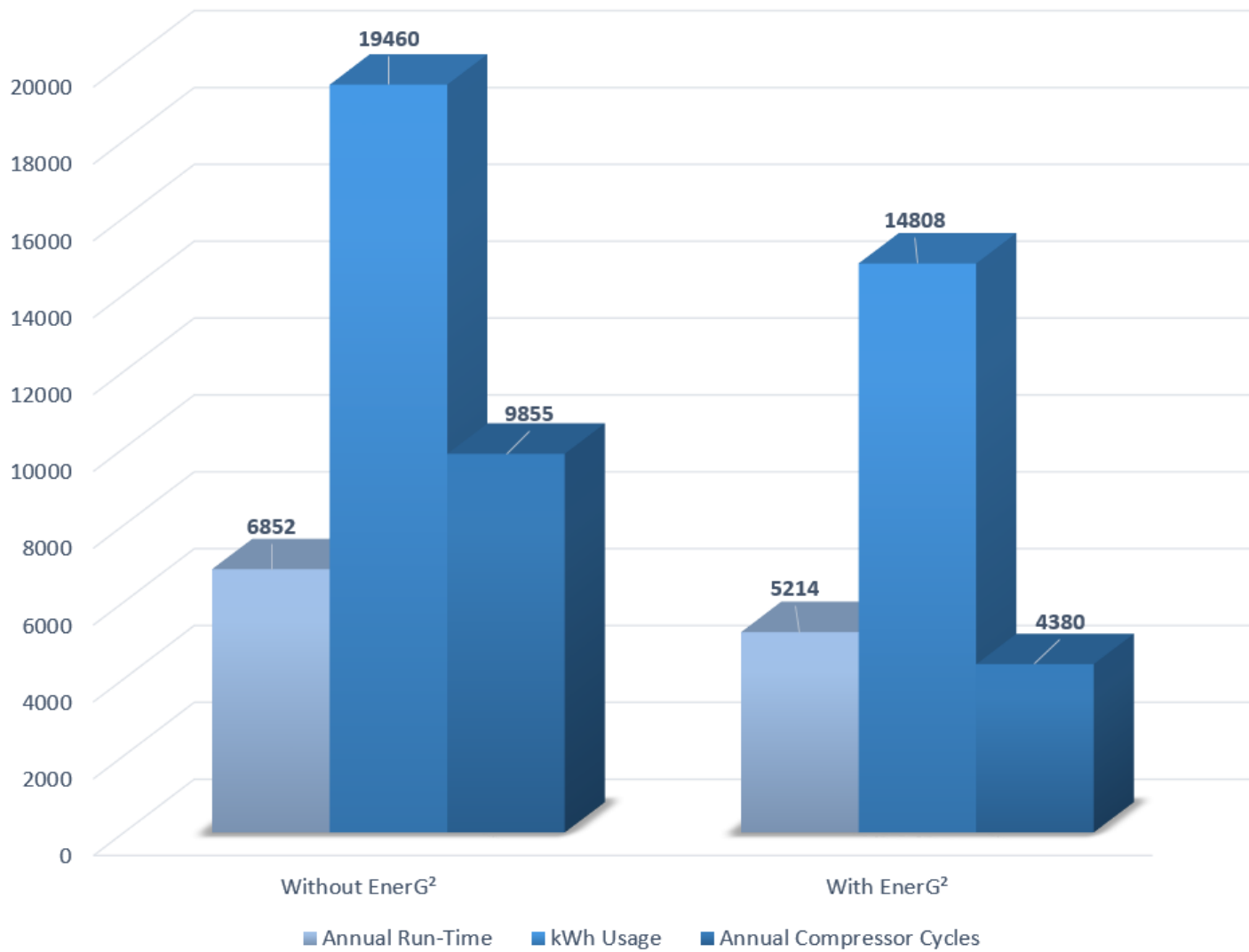
Data File Name: CT18040039 Dominos TX Baseline (\*saved\*)  
 Logger Serial Number: CT18040039  
 Description: DENT SMART LOGGER  
 Elapsed Time Since Reset: 168.00 hrs  
 On-Time Since Reset: 131.41 hrs  
 Percent On Since Reset: 78.22 %  
 Connected Load: No Load Defined  
 Energy Cost: Unknown  
  
 Data Starts: 10/9/2018 12:00:00 PM  
 Data Ends: 10/16/2018 12:00:00 PM  
 Data Elapsed Time: 168.00 hrs  
 Estimated Annual Hours On: 6852 hrs  
  
 Number of Turn Ons: 189  
  
 Percent On: 78.22 %  
 Data On-Time: 131.41 hrs  
 Average On-Time: 0.70 hrs  
 Longest On-Time: 1.04 hrs  
 Shortest On-Time: <0.01 hrs  
  
 Number of Turn Offs: 190  
 Percent Off: 21.78 %  
 Data Off-Time: 36.59 hrs  
 Average Off-Time: 0.19 hrs  
 Longest Off-Time: 0.29 hrs  
 Shortest Off-Time: <0.01 hrs



Summary

.....Dominos TX.log (CT18040039)

Data File Name: CT18040039 Dominos TX Performance (\*saved\*)  
 Logger Serial Number: CT18040039  
 Description: DENT SMART LOGGER  
 Elapsed Time Since Reset: 168.00 hrs  
 On-Time Since Reset: 99.99 hrs  
 Percent On Since Reset: 59.52 %  
 Connected Load: No Load Defined  
 Energy Cost: Unknown  
  
 Data Starts: 10/16/2018 12:00:00 PM  
 Data Ends: 10/23/2018 12:00:00 PM  
 Data Elapsed Time: 168.00 hrs  
 Estimated Annual Hours On: 5214 hrs  
  
 Number of Turn Ons: 89  
  
 Percent On: 59.52 %  
 Data On-Time: 99.99 hrs  
 Average On-Time: 1.12 hrs  
 Longest On-Time: 1.69 hrs  
 Shortest On-Time: <0.01 hrs  
  
 Number of Turn Offs: 90  
 Percent Off: 40.48 %  
 Data Off-Time: 68.01 hrs  
 Average Off-Time: 0.76 hrs  
 Longest Off-Time: 1.13 hrs  
 Shortest Off-Time: <0.01 hrs





Serial Number: CT18040039

Description: DENT SMART LOGGER

On-Time Since Reset: 231.40 hrs

Off-Time Since Reset: 104.60 hrs

<b>Date</b>	<b>TOU/Day (hrs)</b>
Tuesday, October 9, 2018	9.37
Wednesday, October 10, 2018	18.82
Thursday, October 11, 2018	18.87
Friday, October 12, 2018	18.75
Saturday, October 13, 2018	18.74
Sunday, October 14, 2018	18.87
Monday, October 15, 2018	18.75
Tuesday, October 16, 2018	16.74
Wednesday, October 17, 2018	14.35
Thursday, October 18, 2018	14.22
Friday, October 19, 2018	14.37
Saturday, October 20, 2018	14.26
Sunday, October 21, 2018	14.08
Monday, October 22, 2018	14.16
Tuesday, October 23, 2018	7.04



HMS Engineering

Client : The Madison Energy Group  
5 Hargett St., 4th Floor  
Raleigh, North Carolina 27601

Report Print Date: 16-Nov-18

Report No.: Dom111618

Facility / Location: Dominos Pizza - Midland TX (1307)

Room/Equip. Tested: Walk-in Cooler

Calculation Basis

Compressor Motor: HP: 0.3 Volts: 230 RLA: 12.0 Phase: 3  
Power Consumption: 2.84 kW Electricity Rate: \$0.08 per kWh

Operating Basis

	(Without EnerG <sup>2</sup> )	With EnerG <sup>2</sup>	Change	% Change
Projected Run Hours / Yr:	6,976	5,333	-1,643	-23.6%
Projected Cycles / Yr:	10,220	4,015	-6,205	-60.7%

Energy Use & Cost Savings per Month

	(Without EnerG <sup>2</sup> )	With EnerG <sup>2</sup>	Change	% Change
Operating Hours / Month:	581	444	-137	-23.6%
KWh / Month:	1,651	1,262	-389	-23.6%
Energy Cost / Month	\$132	\$101	-\$31	-23.6%

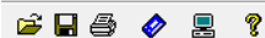
Mechanical Cost Savings per Month

	(Without EnerG <sup>2</sup> )	With EnerG <sup>2</sup>	Change	% Change
Cycles / Month:	852	335	-517	-60.7%
Compressor Maintenance Cost/ Month:	\$42	\$16	-\$25	-60.7%

Combined Energy and Mechanical Cost Savings

	(Without EnerG <sup>2</sup> )	With EnerG <sup>2</sup>	Change	% Change
Energy & Mechanical Cost / Month:	\$174	\$117	-\$56	-32.5%
Energy & Mechanical Cost / Year:	\$2,085	\$1,408	-\$677	-32.5%

EnerG<sup>2</sup> Return on Investment Months 10.62



Summary

.....Dominos TX.log (CT18040043)

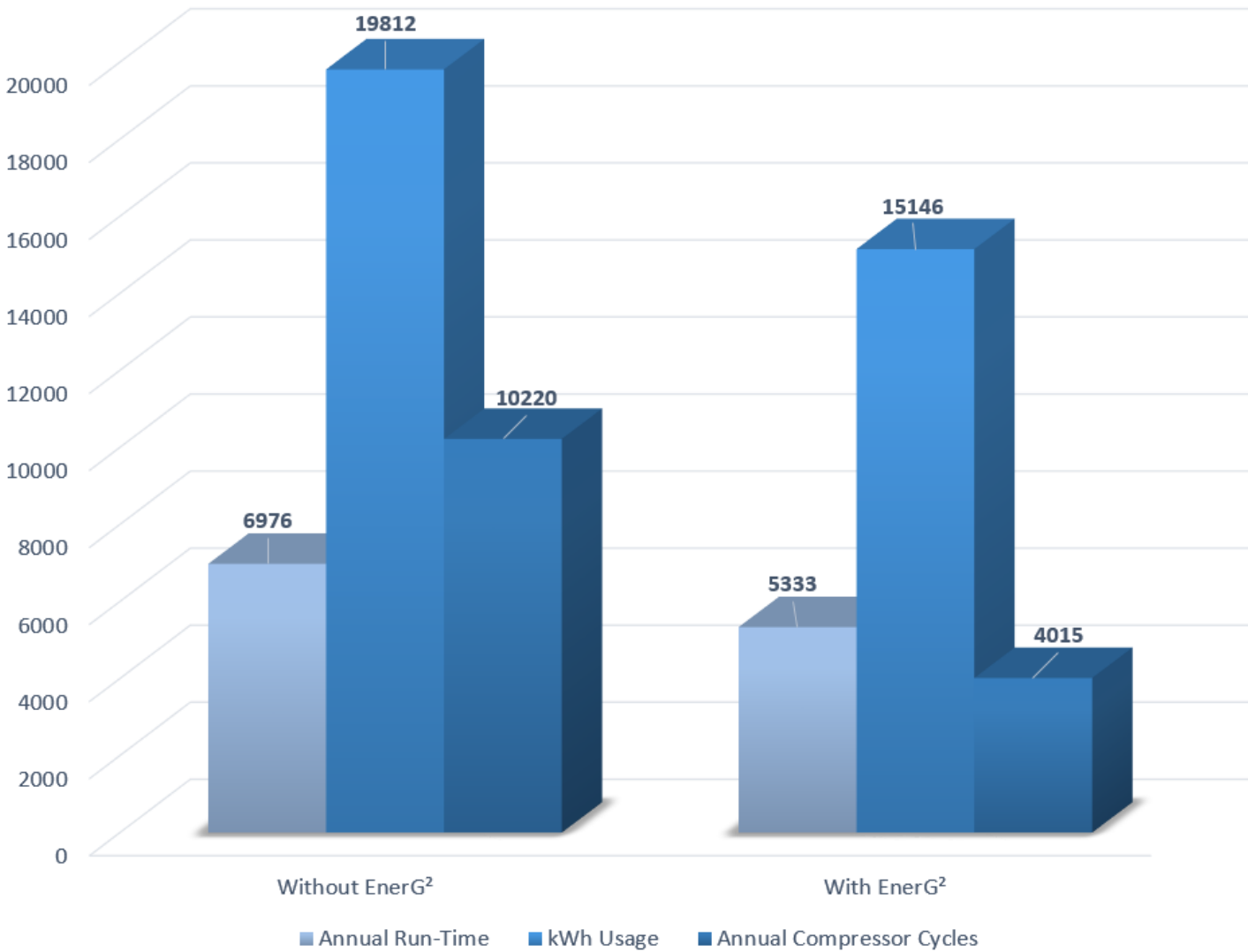
Data File Name: CT18040043 Dominos TX Baseline (\*saved\*)  
 Logger Serial Number: CT18040043 Dominos TX Baseline (\*saved\*)  
 Description: DENT SMART LOGGER  
 Elapsed Time Since Reset: 168.00 hrs  
 On-Time Since Reset: 133.79 hrs  
 Percent On Since Reset: 79.63 %  
 Connected Load: No Load Defined  
 Energy Cost: Unknown  
  
 Data Starts: 10/9/2018 12:00:00 PM  
 Data Ends: 10/16/2018 12:00:00 PM  
 Data Elapsed Time: 168.00 hrs  
 Estimated Annual Hours On: 6976 hrs  
  
 Number of Turn Ons: 196  
  
 Percent On: 79.63 %  
 Data On-Time: 133.79 hrs  
 Average On-Time: 0.68 hrs  
 Longest On-Time: 1.02 hrs  
 Shortest On-Time: <0.01 hrs  
  
 Number of Turn Offs: 197  
 Percent Off: 20.37 %  
 Data Off-Time: 34.21 hrs  
 Average Off-Time: 0.17 hrs  
 Longest Off-Time: 0.26 hrs  
 Shortest Off-Time: <0.01 hrs



Summary

.....Dominos TX.log (CT18040043)

Data File Name: CT18040043 Dominos TX Performance (\*saved\*)  
 Logger Serial Number: CT18040043 Dominos TX Performance (\*saved\*)  
 Description: DENT SMART LOGGER  
 Elapsed Time Since Reset: 168.00 hrs  
 On-Time Since Reset: 102.28 hrs  
 Percent On Since Reset: 60.88 %  
 Connected Load: No Load Defined  
 Energy Cost: Unknown  
  
 Data Starts: 10/16/2018 12:00:00 PM  
 Data Ends: 10/23/2018 12:00:00 PM  
 Data Elapsed Time: 168.00 hrs  
 Estimated Annual Hours On: 5333 hrs  
  
 Number of Turn Ons: 77  
  
 Percent On: 60.88 %  
 Data On-Time: 102.28 hrs  
 Average On-Time: 1.33 hrs  
 Longest On-Time: 1.99 hrs  
 Shortest On-Time: <0.01 hrs  
  
 Number of Turn Offs: 78  
 Percent Off: 39.12 %  
 Data Off-Time: 65.72 hrs  
 Average Off-Time: 0.84 hrs  
 Longest Off-Time: 1.26 hrs  
 Shortest Off-Time: <0.01 hrs





Serial Number: CT18040043

Description: DENT SMART LOGGER

On-Time Since Reset: 236.07 hrs

Off-Time Since Reset: 99.93 hrs

Date	TOU/Day (hrs)
Tuesday, October 9, 2018	10.56
Wednesday, October 10, 2018	18.88
Thursday, October 11, 2018	19.14
Friday, October 12, 2018	19.69
Saturday, October 13, 2018	19.94
Sunday, October 14, 2018	18.38
Monday, October 15, 2018	18.37
Tuesday, October 16, 2018	17.66
Wednesday, October 17, 2018	13.04
Thursday, October 18, 2018	14.12
Friday, October 19, 2018	14.33
Saturday, October 20, 2018	14.86
Sunday, October 21, 2018	14.17
Monday, October 22, 2018	14.58
Tuesday, October 23, 2018	8.35

# IntelliHVAC

INTELLIGENT SOLUTIONS FOR HEATING AND AIR

IntelliHVAC reduces energy consumption in HVAC units through efficient fan control and compressor cycling. The combination of these two technologies optimizes performance by allowing the fans, which use 8 to 15 times less energy than the compressors to capture latent energy that would otherwise be lost. It is retrofitted at the 24-volt terminal and requires no additional maintenance.



Guaranteed to Reduce Energy Costs 10 – 30%  
Reduces Compressor Cycles by 20%  
Prevents Wear and Tear  
Extends Life of Equipment  
12 - 18 Month ROI  
Reduced CO2 Emissions – Go Green!  
Lifetime Warranty



IntelliHVAC is a dual microprocessor technology that easily retrofits to any existing central air HVAC system. It contains both a *post-purge* and *compressor cycle functions* that work together to create a significantly more efficient environment within the system. The inefficiency and therefore *opportunity* is that there is still latent cold energy on the coil or heat energy in the exchanger and this energy is wasted as it dissipates within the system. IntelliHVAC captures this excess energy through its *post-purge function*. This process is known as latent recovery and has been verified by numerous utility companies.

When the HVAC system reaches set point, IntelliHVAC will extend and optimize the fan run-time based on the previous compressor cycle to ensure that the latent hot or cold energy has been captured and that all of that air is circulated all the way through the duct system so that it is not wasted. IntelliHVAC continues to monitor the system and adjust the post purge cycle based on its proven algorithm.

IntelliHVAC also has a *compressor cycle function* that increases the overall energy savings cycling the compressor off for 5 minutes for every 25 minutes of continuous run-time. This allows the fan, which uses 8 to 15 less energy than the compressor to capture the latent energy from the coil or heat exchanger. IntelliHVAC will run the fan for the equivalent amount of time that the compressor is off to ensure that air continues to circulate and there are no negative effects to the indoor air temperature quality.

Tower Engineering  
Craig Andes  
Owner / HVAC Engineer

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**J. Craig Andes, MBA**

With close to 40 years of experience, Mr. Andes has been an industry veteran since 1977 and has a keen eye toward efficiency for his customers. Mr. Andes has owned and operated numerous businesses including several mechanical companies, an insulating company, has built numerous structures, and has directed large service oriented companies. Mr. Andes has also been hired as a consultant by several companies to assist them in their growth and process management.

Currently Mr. Andes owns and operates Tower Engineering in the Raleigh, NC metro market.

After earning his MBA at Union University in Jackson, TN, Mr. Andes is able to merge the real-world practical side of HVAC with financial feasibility and ROI making for good common-sense guidance.

With regard to Madison Energy Group, Mr. Andes serves as an independent, 3<sup>rd</sup> party consultant and assists the company specifically with the IntelliHVAC technology. Mr. Andes has help Madison Energy consult with companies such as Restaurant Brands International, Darden Restaurants, CBL Properties, and others in helping them to understand the mechanics of their systems as well as the benefits of the IntelliHVAC technology. Mr. Andes also manages the pilot program process, analysis and reporting on behalf of Madison.

The attached reporting is hereby approved and certified by Mr. Andes as accurate in its entirety. Mr. Andes is not compensated in any manner that is based on test results.

J. Craig Andes



Tower Engineering  
Owner / HVAC Engineer  
Date: 11/19/2018



**Report Date:** 11/19/2018

Craig Andes  
HVAC Engineering Contractor

On Behalf of: The Madison Energy Group  
For Client: Dominos Pizza

**Kwh Rate:** 0.08

**Location:** Midland TX (503)

	Start Date	Install Date	Time	Baseline kWh Consumed	End Date	Time	Performance kWh Consumed
<b>Area:</b> RTU 1	10/9/2018	10/16/2018	12:00PM	<b>986.8</b>	10/23/2018	12:00 PM	<b>807.4</b>
<b>Meter #</b> 15563							
			kWh/Month	4,229.14		kWh/Month	3,460.29
			kWh/Yr	51,454.57		kWh/Yr	42,100.14

RTU Summary	
kWh Diff./Period	179.4
kWh Diff./Yr	9,354.43
% Change	18%
Savings/Yr	\$ 748.35

**Location:** Midland TX (1307)

	Start Date	Install Date	Time	Baseline kWh Consumed	End Date	Time	Performance kWh Consumed
<b>Area:</b> RTU 2	10/9/2018	10/16/2018	12:00PM	<b>947.0</b>	10/23/2018	12:00PM	<b>768.2</b>
<b>Meter #</b> 15536							
			kWh/Month	4,058.57		kWh/Month	3,292.29
			kWh/Year	49,379.29		kWh/Year	40,056.14

RTU Summary	
kWh Diff./Period	178.80
kWh Diff./Yr	9,323.14
% Change	19%
Savings/Yr	\$ 745.85

Project Summary	
Total kWh/Yr Reduced	18,677.57
Average Annual Savings	\$ 747.10
*Normalized for Season*	\$ 1,270.07
Projected ROI	9.44 Months







EKM-OmniMeter v.3

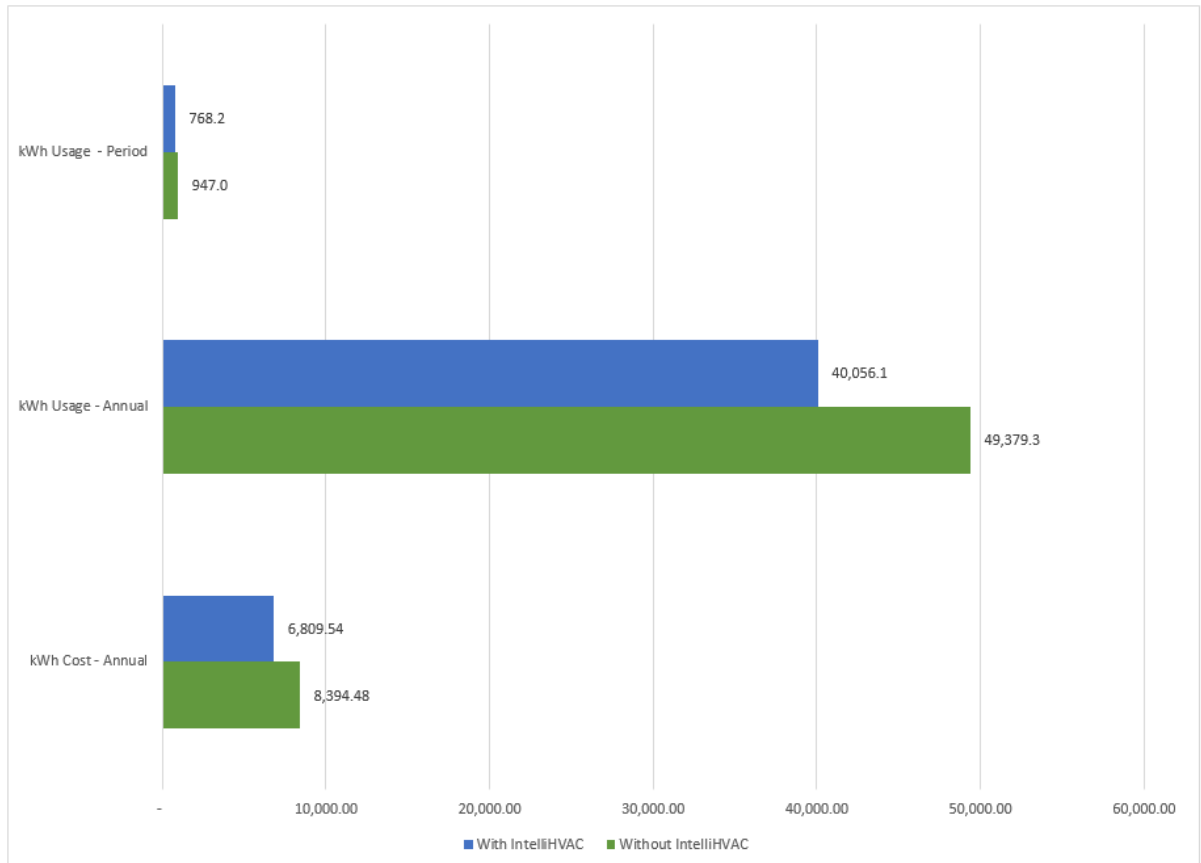
Dominos RTU 503 LogFile

Total kWh Usage for Period: 1794.2

Date	Kilowatt Hour	Avg. Voltage	Avg. Amps	Avg. Watts	Avg. Cos <sup>2</sup> <sub>φ</sub> (Power Factor)
10/9/2018	52.5	120.4	24.8	2248	LO.86
10/10/2018	124.0	120.6	25.2	2252	LO.87
10/11/2018	139.4	120.8	24.6	2362	LO.88
10/12/2018	175.5	122.8	24.6	2230	LO.89
10/13/2018	172.8	121.2	25.0	2256	LO.87
10/14/2018	136.1	121.4	25.4	2252	LO.87
10/15/2018	126.2	120.6	25.2	2332	LO.87
10/16/2018	120.5	120.8	25.2	2340	LO.86
10/17/2018	104.9	121.2	24.8	2260	LO.87
10/18/2018	111.7	121.2	24.6	2260	LO.86
10/19/2018	142.6	121.2	24.8	2350	LO.87
10/20/2018	140.0	122.4	25.6	2360	LO.86
10/21/2018	107.3	120.8	26.2	2258	LO.86
10/22/2018	98.5	122.0	25.4	2412	LO.86
10/23/2018	42.1	122.2	24.8	2422	LO.86

[illegible]

Edit





EKM-OmniMeter v.3

Dominos RTU 1307 LogFile

Total kWh Usage for Period: 1715.2

Date	Kilowatt Hour	Avg. Voltage	Avg. Amps	Avg. Watts	Avg. Cos $\phi$ , (Power Factor)
10/9/2018	43.6	118.6	26.2	2652	LO.87
10/10/2018	120.9	120.4	25.4	2640	LO.87
10/11/2018	133.5	120.6	25.6	2568	LO.87
10/12/2018	168.4	120.8	24.8	2552	LO.87
10/13/2018	169.2	120.4	24.6	2522	LO.87
10/14/2018	130.2	121.6	25.2	2534	LO.86
10/15/2018	121.7	120.6	25.0	2608	LO.86
10/16/2018	119.0	121.4	24.2	2430	LO.86
10/17/2018	96.4	121.4	23.4	2380	LO.86
10/18/2018	109.8	119.4	23.6	2370	LO.86
10/19/2018	131.1	118.8	22.4	2310	LO.86
10/20/2018	133.2	119.8	22.8	2280	LO.86
10/21/2018	99.6	120.4	22.4	2270	LO.86
10/22/2018	96.5	120.2	21.6	2280	LO.87
10/23/2018	42.1	118.6	21.4	2342	LO.86



# THE MADISON ENERGY GROUP

ENERGY EFFICIENCY SOLUTIONS

## Proof of Concept Performance Summary

Program Duration - 10/9/2018 - 10/23/2018

### EnerG<sup>2</sup> Summary

Annual Savings - Cooler 1	\$	650.00		
Annual Savings - Cooler 2	\$	677.00		
Average Annual Savings per Unit	\$	663.50		
Projected Annual Savings for		19	units	\$ 12,606.50
Projected Savings Over 10 Years				\$ 126,065.00
Return on Investment -----		9.02		Months

### IntelliHVAC Summary

Annual Savings - RTU 1	\$	748.35		
Annual Savings - RTU 2	\$	743.85		
Average Annual Savings per Unit	\$	746.10		
Annual Savings Normalized for Season	\$	1,270.07		
Projected Annual Savings for		38	units	\$ 48,262.66
Projected Savings Over 10 Years				\$ 482,626.60
Return on Investment -----		8.49		Months

### Overall Summary of Performance

Annual Per Store Energy Savings	\$	3,203.64	
Combined Monthly Energy Savings	\$	5,072.43	
Combined Annual Energy Savings	\$	60,869.16	
Combined Energy Savings Over 10 Years	\$	608,691.60	
Cumulative Return on Investment/Months		10.66	(with DFA Preferred Pricing)





**MADISON ENERGY GROUP**  
ENERGY EFFICIENCY SOLUTIONS

## Limited Lifetime Replacement Warranty

Guarantor: The Madison Energy Group, located at 5 West Hargett St. 4th Floor Raleigh, NC 27601 will fulfill and administer the obligations of this performance guarantee.

This performance guarantee certifies that The Madison Energy Group's (manufacturer) EnerG<sup>2</sup> will perform satisfactorily during the guarantee period in accordance with its original energy saving standards. If the unit is defective when received or becomes defective, it will be replaced in accordance with this Limited Lifetime Warranty/Performance Guarantee. Please call The Madison Energy Group at 919-443-2404 Option 2 if this occurs.

The performance guarantee does not cover negligent, fraudulent and/or intentional damage. If the EnerG<sup>2</sup> unit is damaged, another EnerG<sup>2</sup> unit will be sent immediately as a replacement. For coverage to be valid, the client must register with The Madison Energy Group and provide proof of purchase in the form of a paid invoice from either The Madison Energy Group or one of its qualified, contracted distributors. The unit must also be installed properly along with manufacturer specifications.

This performance guarantee is effective from the date of purchase, provided that adequate proof of purchase is maintained, the product is properly registered (see below) and the product is installed properly. The Madison Energy Group must be notified immediately of any defects in the unit with all records being made available for inspection. Defects will be verified. This guarantee is exclusive and in lieu of any other performance guarantee or warranty of merchantability or fitness for a particular purpose.

In no event shall The Madison Energy Group be liable for any special, indirect, incidental or consequential damages. This guarantee, covering the replacement of the EnerG<sup>2</sup> unit is void if the product covered by the guarantee has been subject to: intentional damage, alteration, tampering, acts of God and other insurance perils, faulty installation or claims covered by insurance or service contract. The coverage applies only to EnerG<sup>2</sup> and no other product. Claims not submitted in accordance with the terms and conditions of this guarantee are void. Damage by unreasonable or unintended use, neglect, improper service or other causes not arising of defects in material or workmanship are not covered.

To Make a Claim: For service please contact The Madison Energy Group support line at 919-443-2404

To Register: In order for coverage to be valid, you must register your EnerG<sup>2</sup> within 30 days of purchase at [www.themadisonenergygroup.com](http://www.themadisonenergygroup.com). Coverage is non-transferable.



PHONE: 919-443-2404  
FAX: 919-800-3700  
[INFO@THEMADISONENERGYGROUP.COM](mailto:INFO@THEMADISONENERGYGROUP.COM)

5 WEST HARGETT ST. • 4TH FLOOR  
RALEIGH, NC 27601  
[WWW.THEMADISONENERGYGROUP.COM](http://WWW.THEMADISONENERGYGROUP.COM)





**MADISON ENERGY GROUP**  
ENERGY EFFICIENCY SOLUTIONS

## Limited Lifetime Replacement Warranty

Guarantor: The Madison Energy Group, located at 5 West Hargett St. 4th Floor Raleigh, NC 27601 will fulfill and administer the obligations of this performance guarantee.

This performance guarantee certifies that The Madison Energy Group's (manufacturer) IntelliHVAC will perform satisfactorily during the guarantee period in accordance with its original energy saving standards. If the unit is defective when received or becomes defective, it will be replaced in accordance with this Limited Lifetime Warranty/Performance Guarantee. Please call The Madison Energy Group at 919-443-2404 Option 2 if this occurs.

The performance guarantee does not cover negligent, fraudulent and/or intentional damage. If the IntelliHVAC unit is damaged, another IntelliHVAC unit will be sent immediately as a replacement. For coverage to be valid, the client must register with The Madison Energy Group and provide proof of purchase in the form of a paid invoice from either The Madison Energy Group or one of its qualified, contracted distributors. The unit must also be installed properly along with manufacturer specifications.

This performance guarantee is effective from the date of purchase, provided that adequate proof of purchase is maintained, the product is properly registered (see below) and the product is installed properly. The Madison Energy Group must be notified immediately of any defects in the unit with all records being made available for inspection. Defects will be verified. This guarantee is exclusive and in lieu of any other performance guarantee or warranty of merchantability or fitness for a particular purpose.

In no event shall The Madison Energy Group be liable for any special, indirect, incidental or consequential damages. This guarantee, covering the replacement of the IntelliHVAC unit is void if the product covered by the guarantee has been subject to: intentional damage, alteration, tampering, acts of God and other insurance perils, faulty installation or claims covered by insurance or service contract. The coverage applies only to IntelliHVAC and no other product. Claims not submitted in accordance with the terms and conditions of this guarantee are void. Damage by unreasonable or unintended use, neglect, improper service or other causes not arising of defects in material or workmanship are not covered.

To Make a Claim: For service please contact The Madison Energy Group support line at 919-443-2404

To Register: In order for coverage to be valid, you must register your IntelliHVAC within 30 days of purchase at [www.themadisonenergygroup.com](http://www.themadisonenergygroup.com). Coverage is non-transferable.



PHONE: 919-443-2404  
FAX: 919-800-3700  
[INFO@THEMADISONENERGYGROUP.COM](mailto:INFO@THEMADISONENERGYGROUP.COM)

5 WEST HARGETT ST. • 4TH FLOOR  
RALEIGH, NC 27601  
[WWW.THEMADISONENERGYGROUP.COM](http://WWW.THEMADISONENERGYGROUP.COM)



# THE MADISON ENERGY GROUP

ENERGY EFFICIENCY SOLUTIONS

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Raleigh, NC 27601  
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[www.themadisonenergygroup.com](http://www.themadisonenergygroup.com)

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