

About EG-ES

We support hospitality and commercial facilities reduce cost associated with water and energy.

Our vendor-neutral position always protect our client's interest.

We are proud to be an ENERGY STAR, Waste Wise and Green Power Partner.



Energy Solutions That Work & Are Managed

Where are you?

24 Hour Burn Interior Lighting?

Exterior LED Lighting?

Energy Management Systems?

Onsite Laundry Processing?

Solar or CoGen?

Real Time Usage Monitoring?



Energy Solutions That Work & Are Managed

Operational Focus

Irrigation Management

Rain sensor | Weather Station

Limiting run time – rotary head (20-25 min);
spray heads (8-12 min)

Separate Meter



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Operational Focus

Tips to Save on Ice Machines

Timers to produce during off peak hours

Bigger ice machines are typically more energy efficient

Avoid water-cooled machines



Energy Solutions That Work & Are Managed

Operational Focus

Tips to Save Even More on Dishwashers

Run fully loaded dish racks whenever you can.

Check your dishwasher's pressure gauge
20-25 psi recommended

Conveyor Dishwasher, Auto mode saves
electricity by running the motor only when
needed.



Energy Solutions That Work & Are Managed

Operational Focus

Hot Water Management

Domestic Hot Water Set Points | Mop Sink Liability

Back of House – Isolated Boiler

Limiting Circulation

Mixing Valve Adjustment | Smart Valves



Energy Solutions That Work & Are Managed

Operational Focus

Guest Room Fan Coil | PTAC Units

- Condensation Pans
- Filters
- Coil Cleaning

Pools | Spas

- Auto-fills
- VFD Motors
- Temp Setting
- Liquid Pool Blanket

Cold Water Supply – City

- Backflow Preventer
- Water Locke Valve



Energy Solutions That Work & Are Managed

ROI – LED Quality and Warranty

Interior Lighting Beyond 24 Hour Burn

Stairwell OccuSmart
2Pin and 4 Pin Solutions
Reconfiguration vs. 1 for 1
Kitchen and Banquet BOH
Controls | Dimming



Exterior Lighting

10 Year Warranty
Exterior Accent Lighting
Exterior Lighting Controls



Energy Solutions That Work & Are Managed

Operational Focus

Exterior Lighting

Timer vs. Photocell

Daylight Harvesting and Controls

Brand Requirements



Energy Solutions That Work & Are Managed

Exterior LED Controls

Intelligent, fixture-mounted control nodes deliver unprecedented functionality:

Wireless connectivity via self-healing IP network
Full range 0-10 volt dimming control
Connection via NEMA standard ANSI twist-lock
Astronomic and scheduled control events
Compatibility with web-enabled (BAS)



Energy Solutions That Work & Are Managed

Real Time Energy Monitoring



Energy Solutions That Work & Are Managed

Green Ice Technology | IceCold

Is a synthetic catalyst installed directly into the HVAC system with no downtime

IceCOLD reverses a condition known as “oil fouling” from off the walls of the refrigeration systems coils and condenser

Second catalyst causes the refrigerant to evaporate at a slightly lower temperature

Does not void OEM Warranty

Extends life of current equipment



Energy Solutions That Work & Are Managed

Initial Test | Embassy Suites, MS

Green Ice Technology – IceCOLD

EG-ES TEST Summary:

Ten (10) rooms in question (301 – 310) saved \$41.37 per the thirty (30) day “test” period

\$4.137 per room per day (1-Month)

145 rooms

12 months (supports Cooling & Heating)

\$7,197.68 in kWh savings (Daikin Units – only)

Fifteen (15) – 6 Ton Daikin Units on site (90 – total tons)

Three (3) – 30 Ton Aeon Units on site (90 – tons).

The savings we identified \$11,664.00



Energy Solutions That Work & Are Managed

Green Ice Technology | Homewood Suites, AL

PTAC (143) Units
99 Guest Rooms

EG-ES Install 2/22/16
Reading prior to install:
Temp: 53
Decibels: 77.6

Readings after install:
Temp: 41
Decibels: 74.5



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SPECIALIZING IN ELECTRIC, WATER & NATURAL GAS SOLUTIONS

www.eg-es.com



Thank You

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