

Green Meetings at the
Savannah International Trade & Convention Center

Building A Green Footprint.

The following is a list of
sustainable practices and policies
currently being implemented by the
Savannah International Trade & Convention Center



ENERGY EFFICIENCY

- Facility Building Management System controls HVAC and public space lighting maximizing energy savings and conservation.
- Usage of plate frame heat exchanger conserves energy and negates large tonnage chiller usage at cooler outside temperature/humidity levels.
- Timed lighting system controls allow for lighting to be set at 25% for staff cleaning/set up efforts, 50% during event load-in and out, and 75-100% capacity only during event hours in occupied space.
- Back of house and administrative offices are regulated by motion sensor lighting systems.
- Variable frequency drives are installed on all pumps and motors reducing electrical demand on equipment and delivering only the power required to operate.
- Upgraded Variable Frequency Drive controls on secondary chilled water loop allows for greater efficiency for cooling the facility customized to clients needs.
- Abundant natural lighting in concourse and public space areas.
- System of facility blackouts (hard facility shutdowns, no staff present, all equipment powered down) and brownouts (domestic power on but all non-essential equipment powered down.)
- 34% reduction in total kilowatt hours for the facility year over year from the period of CY 2008 to CY 2009, a reduction of 2.2 million kilowatt hours.

WATER CONSERVATION

- All facility toilets and urinals are automatic, low flush (water flow). Water savings translates to be 1,000 gallons if all were flushed simultaneously.
- All restroom sinks have motion detecting valves and valve orifices reducing the amount of water sent to the drain.
- Xeriscape of the landscape in Bryan Square to reduce water usage.



AIR QUALITY

- ✔ Hepa filters in vacuums used by housekeeping and operations departments.
- ✔ Premium pleated filters used on all facility air handlers.
- ✔ Building Management System regulates air quality in facility and performs carbon dioxide checks and reporting.
- ✔ ½ of all daily facility exterior security rounds are done in the form of bicycle or walking patrols in lieu of vehicular travel.

WASTE REDUCTION

- ✔ Recycling of plastic and glass bottles, aluminum/tin cans, paper and cardboard products in a co-mingled, single stream program throughout the entire facility.
- ✔ No compactor or supplemental charges to clients for recycled items.
- ✔ Recycling of used equipment batteries, oil, ballasts, light bulbs, and toner.
- ✔ Coreless, automatic sensor paper products utilized in restrooms to reduce waste.

MISCELLANEOUS

- ✔ Careful consideration and evaluation given to purchasing of green products when at all possible.
- ✔ Utilization of earth friendly lubricants and chemicals in all mechanical and water treatment systems.
- ✔ Green seal cleaning products utilized in housekeeping and eco-friendly paint used on upkeep of facility.
- ✔ EPA energy star office equipment purchased.
- ✔ All reports and documents are produced paperless whenever possible.





CATERING

- Active food donation program.
- Option given for china instead of paper products, local and organic meals, and bulk condiments.
- Plates and eating utensils made of 100% compostable and disposable materials.
- Water station options available versus utilizing water bottles and every meeting space equipped with water coolers in the room.
- Used frying oil is recycled and turned into animal feed and bio-diesel.
- Use of certified sustainable fish and seafood.
- Use of natural grass fed beef when possible.
- Use antibiotics, growth hormone, and steroid free poultry when possible.
- Use organic fruits and vegetables when possible.

THE FUTURE

- Installing a practice of load shedding to reduce energy consumption at peak times.
- Upgrading 400, 600, and 1000-watt metal halide fixtures with T5 fluorescent and other energy efficient fluorescent and LED lighting.
- Gray water or rainwater collection for irrigation.
- Addition of ISO-E insulation to bottom side roofing decking.
- Roof mounted solar panels (utilizing peel and stick rolls of PV sensitive materials).
- Charcoal filters to replace premium filters in air handlers. Unlike pleated filters, charcoal filters can be recycled.
- A continued goal of 10% energy improvement or more every year.
- Expand our network of environmentally responsible vendors and suppliers.
- Work with clients/meeting planners to make the greening of their conferences/meetings attainable for any conference/meeting.
- Upgrading of Ballroom lighting control system to reduce energy and improve maximum efficiency of lighting.
- Adding cardboard bailing system for increased waste recycling efforts.