

Duke Energy Convention Center

Global Spectrum at the Duke Energy Convention Center is making a concerted effort to reduce its use of natural resources and the amount of waste that results from activities in the building. Since 2008, this sense of environmental responsibility has resulted in the following:

- 163,800 pounds of cardboard have been recycled
- 81,760 pounds of paper, plastic, and aluminum have been
- Incandescent light bulbs have been replaced with more efficient compact fluorescent and cold cathode bulbs. Compact fluorescent bulbs use 23 watts of electricity to produce the same light as the 120-150 watt bulbs they replaced. Cold cathode bulbs use 3 watts of electricity to produce the same light as the 60 watt lamps they replaced. This change has resulted in a reduction of greenhouse gas emissions by 154,000 pounds (77 tons) annually.
- Utility costs have been reduced by 19%, resulting in \$280,000 in savings
- More than 800 wooden pallets have been recycled through a partnership with B&S Pallet Company
- All light bulbs, lamps, and lighting ballasts are recycled
- Housekeeping staff use cleaning products from Proctor & Gamble's Professional Green Guarantee line
- All public restrooms use green certified GOJO soap and eco-friendly tissue paper and paper towels
- Products made from recycled material purchased include copier paper, note pads, direct mail brochures, annual report documents, and plastic pens
- Only low or non VOC (Volatile Organic Compounds) painting products are used
- All outdated computer equipment is recycled through the Cincinnati Computer Cooperative

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Future Initiatives:

- Solar panels with a 43 KiloWatt capacity are being installed on the roof of the Center (2010)
- Motion sensors are being installed in non-public spaces to help with lighting control
- Existing lighting fixtures are being replaced with high efficiency T-8 fluorescent lamps
- HVAC and Building Control Systems are being upgraded and modified to be more energy efficient (2009-2010)
- Metal Halide lighting on the loading dock is being replaced with motion detector controlled high efficiency fluorescent bulbs (2009-2010)

