

# PROJECTS



**ENERGY AIR, INC.**  
*Nobody Works Harder*

## ORLANDO THEME PARK CHILLER ADDITION



### PROJECT SPECS:

- **Project Scope:** The addition of a new 1,300-ton chiller in an existing Central Energy Plant of an Orlando theme park attraction.
- **Schedule:** Three months from 8/29/11 to 11/29/11
- **Systems:** Mechanical systems installed include a new 1,300-ton chiller, one condenser water pump, two chilled water pumps, two variable frequency drives, chilled water piping, condenser water piping and new supplemental steel. Condenser water piping utilizes 14 and 24-inch welded steel pipe and fittings, and includes the installation of three 24" valves to minimize shutdown time. The chilled water piping utilizes 12, 14, and 18-inch welded steel pipe and fittings.

The 18 and 24-inch pipe is installed in excess of 19 and 16 feet above the slab, respectively. All flanges are lined and bolted to tie into the new chiller and chiller pumps. The 45,000 lb. chiller was brought into the existing space and placed on the chiller pad.

- **Installed Mechanical Value:** Approximately \$330,000
- **General Contractor:** Energy Air, Inc.



**Orlando Area**  
5401 Energy Air Ct.  
Orlando, FL 32810  
(407) 886-3729

**Tampa Area**  
2009 Airport Rd.  
Plant City, FL 33563  
(813) 750-1283

EnergyAir.com

CAC018270