

PROJECTS



ENERGY AIR, INC.

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SOUTH OCALA ELEMENTARY



PROJECT SPECS:

- **Project Scope:** Provide and install complete HVAC combination chilled water/DX systems for five new and one existing building for elementary school in Marion County.
- **Schedule:** June 2009 through December 2010.
- **Size:** 90,262 square feet
- **Systems:** (2) 155 ton Air Cooled Trane Chillers, (5) Pumps, (6) CHW Air Handlers, (1) CHW Fan Coil, (3) DX RTUs, (5) DX Split Systems, (60) Terminal Boxes, (1) Kitchen Hood, (17) Exhaust Fans, Insulated Sheet Metal Duct Systems, Complete Chilled Water Pipe System, Complete EMS system
- **Installed Mechanical Value:** Approximately \$1.8 million.
- **General Contractor:** ACA Construction
- **Architect:** Harvard Jolly; Matern Professional Engineering

Project Challenges

- This was an addition to an existing elementary school, so all working personnel received background checks and were required to wear badges in compliance with the Jessica Lunsford Act.
- The site was very condensed - parking, storage and lay-down areas were limited.
- Deliveries were only permitted at predetermined times.
- More than 2,600 feet of underground chilled-water pipe had to be coordinated/installed around existing and new utilities.
- Noise was always a concern during FCAT and school testing. Outdoor work had to be scheduled accordingly.
- Excessive rain and heat was always a factor.

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