

PROJECTS



CALUSA ELEMENTARY SCHOOL



PROJECT SPECS:

- **Project Scope:** Summer shutdown project for Pasco County School Board that involved a complete HVAC replacement in four separate buildings.
- **Schedule:** June 2, 2009 to August 15, 2009
- **Systems:** Two air-cooled chillers, a complete pump room, 54 fan coils units, four outside air units, exhaust fans and all related ductwork and chilled water piping.
- **Installed Mechanical Value:** Approximately \$1.5 million
- **General Contractor:** Walbridge

CHALLENGES MET BY PROJECT TEAM:

When Energy Air was awarded this project, our team immediately began looking for ways to meet and improve the schedule. The following were methods and strategies implemented to meet this demanding schedule for our client.

- The Energy Air team came up with a plan to utilize the school's spring break vacation to run the underground chilled water piping to each of the buildings and have it pressurized and backfilled before the teachers and students came back from vacation.
- We also used this time to mobilize our CAD team to go the site to check clearances for ductwork and piping on the inside of the buildings.
- When school let out for the summer, we manned the job with 14 duct men and 14 chilled water welders and fitters.
- The ductwork was all staged in trailers in the order it was to be installed for increased efficiency.
- Energy Air had four different crews of manpower to enable us to work in each building concurrently and to allow other trades access to complete the finish work.
- The organization and preplanning of the Energy Air team led to a job that was finished on time and ready for the students when they returned to school.