

# PROJECTS



ENERGY AIR, INC.

*Nobody Works Harder*

## CKS PACKAGING PLANT- Bottling Facility



### PROJECT SPECS: *ABC Excellence in Construction Award of Merit Winner!*

- **Project Scope:** *Design Assist Project-* Provide labor and material to install chilled water, process water and air piping. Includes setting equipment and miscellaneous services required by owner for the 76,000 square foot factory. The scope for Phase III includes remodeling the center section of the building to rework cooling towers, upgrading the plumbing system to include two new bathrooms, reworking the process and system piping to accommodate the new presses and the addition of two new 50-ton air conditioning systems with ductwork.
- **Schedule:** Phase I = 43 days for the first bottling machine to be hooked up and in production. Phase II = 6 months to install 20 bottling machines. Phase III will be complete in 2011.
- **Size:** 345,354 square feet of new buildings, which include a Central Energy Plant with approximately 1,470 tons of cooling and more than 94,411 sq ft of renovation work.
- **Systems:** Elaborate pipe support system to accommodate 8,000 ft of chilled and process water run-out piping with valve assemblies for current and future molding machines, 2,000 ft of high-pressure air mains, three air compressors, two receiver storage tanks, three 90-ton chillers, two 250-ton cooling towers, chilled water and process water mixing tanks, control valves with three 45-ton air handling units, five pumping stations with metric piping connections with specialized hook-ups and two new 50-ton air conditioning systems with ductwork.
- **Installed Mechanical Value:** Approximately \$3 million.
- **Special Circumstances:** Quick-start, fast-track construction project with a 24/7 work schedule for Phase I. The project was designed and installed to accommodate the field conditions determined by the placement of bottle presses. At peak production, the plant will produce 350,000 industrial dairy bottles a day.



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