

University of Florida Cellulosic Ethanol Plant

Case Study: **University of Florida Cellulosic Ethanol Plant** Market: **Industrial** Location: **Gainesville, FL**

We get asked by the university quite a bit to price this kind of work so that they're sure they have a qualified contractor to do the work. They're usually very accommodating, knowing they're going to get a good finished project."

- Brian King, Special Projects Division Manager



The University of Florida's Cellulosic Ethanol Pilot Plant in Gainesville, FL is a biomass fuels lab that converts plant material to ethanol. The state of Florida's year-round growing season makes it the United States' number one biomass producer, with more than 124 tons generated each year.

A Closer Look...

When the University of Florida needed very high-tolerance water and steam piping and the installation of specialty equipment for their new Cellulosic Ethanol Pilot Plant in Gainesville, FL, they chose S.I. Goldman, a Comfort Systems USA company. The CSUSA team:

- Was one of two invited bidders
- Installed specialty equipment for handling enzyme-based reactions
- Has had no callbacks since the facility opened its doors

Solutions

S.I. Goldman, with a crew of no more than four mechanics, installed systems for high pressure (600 lb.) steam, low-pressure steam, de-ionized water, domestic cold water, low-pressure and high-pressure condensate and pump condensate. They also installed two boilers, one for low-pressure and one for high-pressure. In addition, S.I. Goldman had to install some specialty equipment for handling enzyme-based reactions, including Belgian-manufactured fermenters and a hydrolizer.

S.I. Goldman's crew went above and beyond on this accelerated \$100,000 job. Their part of the work was started in early July and finished by mid-August. In October, a ribbon-cutting ceremony was held that included representatives from the Florida governor's office. The facility has been up and running ever since with no callbacks.

Contact us to determine how we can service your business.

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