

# CHIPTEC®

## WOOD ENERGY SYSTEMS

### EASTERN ILLINOIS UNIVERSITY REPLACES COAL BURNING FACILITY WITH RENEWABLE ENERGY CENTER



October 7, 2011 marked the grand opening of Eastern Illinois University's Renewable Energy Center which replaced their 85 year old coal burning steam plant. Honeywell International was awarded the project which is not only their largest energy performance contract to date but the center will be one of the largest biomass renewable energy projects in the country. Honeywell selected CHIPTEC Wood Energy Systems for the third time to join them on a project and to supply two of their state of the art biomass gasifiers designed to reduce greenhouse gas emissions on campus by 80 percent.

#### Project Facts:

- Plant went online in July 2011
- Two(2) gasifiers & boiler system
- Steam Production: one(1) 40,000lbs per hour @ 150 psig, one(1) 40,000lbs per hour @ 620 psig
- CO emissions: less than 50 ppm
- Particulate emission of 0.03 lbs/MMBTU
- Fuel storage up to 750 tons of wood chips, enough to supply the steam needs on campus for 10 days
- Projected \$140million in energy savings over the next 20 years



For more information on how CHIPTEC Wood Energy Systems can fix and reduce your long term operating cost, contact us at 802-658-0956 or visit us on the web at [www.chiptec.com](http://www.chiptec.com)



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