



Anthony Holden
Alabama Technology Network

Phone: (256) 824-6289
Fax: (256)824-6970
Email: holdena@uah.edu

Linden Lumber Company, Inc.

Linden (Marengo County)

After installing a wood-fired boiler in 1996, Linden Lumber Co. was able to produce steam used in their dry kiln and generate electrical power in a steam turbine.

A Hurst boiler was installed on a site leased by Linden Lumber Company, Inc. The 600 hp boiler received pyrolysis gas generated in a gasifier, and it produced 300 psig steam for sale to Linden Lumber Company. The steam was used in their dry kiln and for generation of electrical power in a steam turbine. The gasifier used selected oak shavings and log fuel residue generated in the manufacture of hardwood flooring.