

Wood Bioenergy South



Forisk Consulting, LLC

Data as of February 24, 2010

February 2010, Vol. 2 Issue 2

Projected Annual Wood Demand, 2020

State	Projects Announced	100% Total New Tons	Technology		Current PW and Direct Chip Demand ⁽¹⁾
			Screen	Status Screen	
AL	6	2,845,460	1,725,460	525,460	21,423,812
AR	7	1,820,000	1,820,000	940,000	8,573,981
FL	19	9,923,125	8,870,625	4,665,625	8,705,699
GA	34	15,630,800	14,430,000	5,810,000	24,257,201
LA	4	3,300,000	3,300,000	800,000	13,262,866
MS	8	2,563,625	1,026,000	226,000	8,759,543
NC	12	2,284,000	2,284,000	1,086,000	6,435,524
SC	10	2,199,800	2,199,800	1,349,800	11,476,759
TN	6	1,350,000	70,000	70,000	N/A
TX	9	2,862,440	2,825,000	1,725,000	8,659,235
VA	14	2,207,300	2,207,300	1,505,000	10,607,987
Total	129	46,986,550	40,758,185	18,702,885	122,162,607

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For a complete project listing, subscribe to the full **Wood Bioenergy South** project tracker. Visit www.foriskstore.com for details.

⁽¹⁾Forisk Wood Demand Report, Past 12 months (1st quarter 2009 - 4th quarter 2009)

Monthly Update

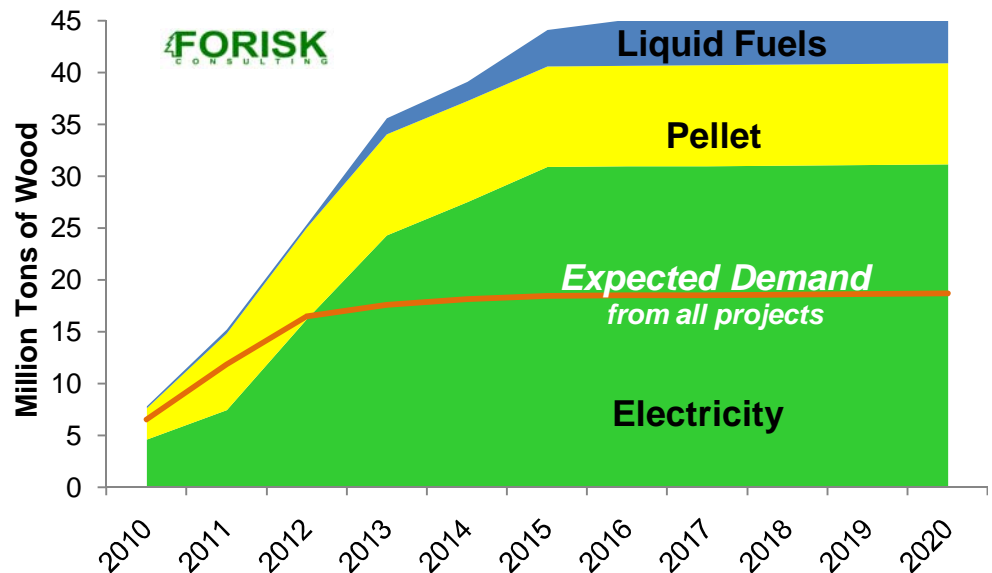
ClearFuels announced late this month that they plan to co-locate a biorefinery with Hughes Hardwood in Collinwood, Tennessee. The facility will produce 16 million gallons of synthetic jet fuel per year along with 4 million gallons per year of naphtha and 8 MW of electricity. ClearFuels has signed a Memorandum of Understanding with Hughes Hardwood to supply woody feedstock and access to the site. The group plans to operate the facility by 2014.

BlueFire Ethanol applied for a DOE loan guarantee for \$250 million to fund its biorefinery in Fulton, Mississippi. If awarded, BlueFire would have complete funding for the project.

Cleco announced that the new 600 MW Rodemacher Unit 3 is now up and running in Boyce, Louisiana. The unit currently uses petroleum coke as feedstock but Cleco is evaluating the option to use woody biomass.

The EPA validated Forisk's technology screen this month when it announced that it lowered its 2010 mandate for cellulosic ethanol production from 100 million gallons to 6.5 million gallons - a 94% drop in production targets. The new ruling acknowledges corn ethanol as a greenhouse gas reducer, opening a door for corn ethanol to replace cellulosic ethanol.

Estimated Wood Use by Announced Facilities



Notes and Assumptions

- "Expected Demand" is estimated wood use by all projects that pass the technology and status screens.
- Assume 100% wood use unless feedstock mix is specified.
- If a project does not announce a startup date, then Forisk estimated the start date.
- Technology: if the technology is viable today, then the project passes the technology screen. Pelletizing technology and electricity are currently proven technologies that pass this screen. Cellulosic ethanol from wood feedstock is still a developing technology and is currently not operational.
- Status: if the project has received/secured/signed two or more of the following then it passes the status screen: financing, air quality permits, Engineering Procurement and Construction contracts (EPC contracts), power purchase agreements for electricity facilities, interconnection agreements for electricity facilities, and supply agreements.