

Wood Bioenergy South



Forisk Consulting, LLC

Data as of September 25, 2009

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Projected Annual Wood Demand, 2020

State	Projects Announced	100% Total New Tons	Technology		Current PW and Direct Chip Demand ⁽¹⁾
			Screen	Status Screen	
AL	7	2,050,000	1,480,000	0	22,465,984
AR	7	1,800,000	700,000	700,000	8,568,940
FL	17	10,713,125	8,140,625	2,990,625	8,415,409
GA	26	11,350,000	10,150,000	2,850,000	23,652,782
LA	3	800,000	800,000	0	14,096,591
MS	7	2,483,625	1,126,000	326,000	9,027,015
NC	12	2,984,000	2,984,000	1,856,000	6,835,200
SC	8	1,477,800	1,477,800	972,800	11,429,822
TN	5	1,070,000	70,000	70,000	N/A
TX	6	2,862,440	2,825,000	1,200,000	8,695,800
VA	6	2,085,000	2,085,000	1,385,000	N/A
Total	104	39,675,990	31,838,425	12,350,425	113,187,543

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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 (3rd quarter 2008 - 2nd quarter 2009)

Monthly Update

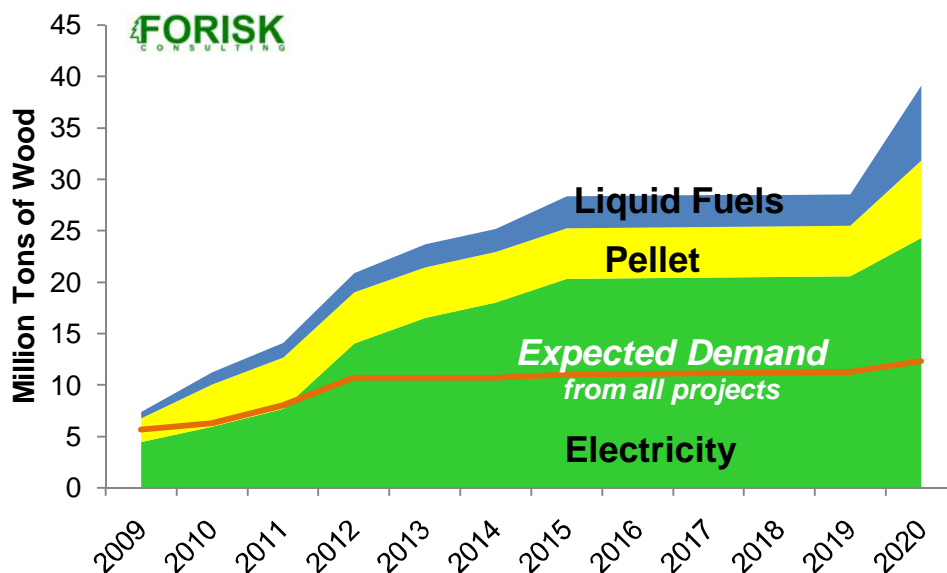
Carolina Wood Pellets in Macon County, North Carolina is operating and hiring after a month testing and ramping up the facility. The facility produces hardwood pellets for home heating and will target sales within a 30 to 40 mile radius of the plant. Target production is 68,000 tons per year of wood pellets.

Dixie Pellets in Selma, Alabama filed for bankruptcy in mid September. Some reasons cited for the filing include fewer supplies of sawmill residues from the slump in the housing market, higher start-up costs than expected, and \$3 million in receivables from customer Essent Trading BV in Switzerland that Essent held from Dixie Pellets claiming a breach of contract by Dixie.

Phoenix Renewable Energy broke ground on a 250,000 ton pellet plant in August at the former site of the International Paper mill in Camden, Arkansas. The plant is expected to open within the next two years and plans to ship wood pellets to Europe.

Sterling Planet will develop a biomass combined heat and power plant at the International Paper Riegelwood paper mill in Riegelwood, North Carolina. The power plant will use logging residues to produce 40 to 45 MW of electricity and is expected to be operational by 2013.

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 12/31/2020 was assumed as 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.