

Wood Bioenergy South



Forisk Consulting, LLC

Data as of May 25, 2010

May 2010 Vol. 2 Issue 4

Projected Annual Wood Demand, 2020

State	Projects Announced	100% Total New Tons	Technology Screen	Status Screen	Current PW and Direct Chip Demand ⁽¹⁾
AL	8	4,947,460	1,947,460	595,460	22,319,461
AR	7	1,820,000	1,820,000	940,000	8,599,960
FL	18	10,574,125	8,020,625	4,370,625	8,810,364
GA	36	18,167,578	15,165,578	5,960,000	24,910,968
LA	4	3,300,000	3,300,000	800,000	13,202,538
MS	8	3,183,239	1,026,000	226,000	9,756,782
NC	13	2,796,000	2,796,000	1,898,000	6,516,913
SC	11	2,939,800	2,939,800	2,089,800	11,754,290
TN	6	3,150,000	70,000	70,000	N/A
TX	9	2,862,440	2,825,000	1,725,000	8,828,168
VA	15	2,207,300	2,207,300	1,657,300	10,595,315
Total	135	55,947,942	42,117,763	20,332,185	125,294,759

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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 (2nd quarter 2009 - 1st quarter 2010)

Monthly Update

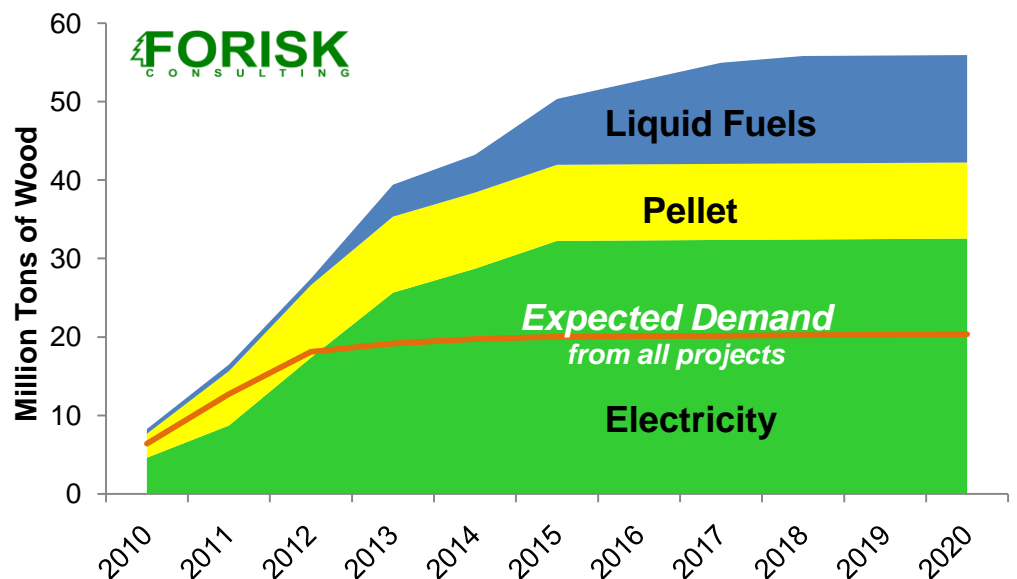
In the May issue of *Wood Bioenergy South*, we updated our conversion of gallons of cellulosic ethanol to 40 gallons per green ton of wood. This change was made based on research from the Department of Energy, which published an [ethanol "yield calculator" for multiple feedstock types](#). Our thanks to Mike Cooley of Catchlight Energy for pointing us to this reference.

Westervelt Renewable Energy received approval from the Alabama Public Service Commission to sell 7 MW of electricity to Alabama Power. Westervelt will co-locate an electricity generation plant in Moundville at its lumber mill. The company hopes to be operational next year.

Rollcast Energy signed an agreement with Zachry Industrial to engineer, procure, and construct Piedmont Green Power in Barnesville, Georgia. Rollcast plans to operate the 50 MW facility by 2012.

Graphic Packaging announced increased wood use for power generation at its paperboard mill in Macon, Georgia. The company is currently conducting engineering studies and permitting for the 38 MW expansion, which will take several years to complete.

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.