

# Wood Bioenergy US



Forisk Consulting, LLC

Data as of July 29, 2011

July 2011, Vol. 3 Issue 6

## Projected Annual Wood Demand, 2021

Region*	Projects Announced and Operating	100% Total Tons	Technology Screen	Status Screen**	% that pass screens
North	209	45,752,807	43,146,832	28,500,332	62%
South	146	65,898,954	48,544,956	27,800,800	42%
West	102	19,428,824	17,751,824	12,848,224	66%
<b>Total</b>	<b>457</b>	<b>131,080,585</b>	<b>109,443,612</b>	<b>69,149,356</b>	<b>53%</b>

### FORISK CONTACT INFO:

Amanda Hamsley Lang  
Managing Editor • 478.396.0704  
ahlang@forisk.com

Brooks Mendell, Ph.D.  
Publisher • 678.984.8707  
bmendell@forisk.com

Seth Freeman  
Market Coordinator • 229.567.7589  
srfreeman@forisk.com

Tim Sydor, Ph.D.  
Forest Economist • 706.621.2370  
tsydor@forisk.com

Heather Clark  
Customer Relations • 770.725.8447  
hclark@forisk.com

For a complete project listing, subscribe to the full **Wood Bioenergy US** project tracker at [www.foriskstore.com](http://www.foriskstore.com).

## Project Count

Region*	Type				Total that pass screens
	Electricity	Liquid Fuel	Pellet	Total	
North	107	12	90	209	142
South	81	17	48	146	81
West	59	6	37	102	62
<b>Total</b>	<b>247</b>	<b>35</b>	<b>175</b>	<b>457</b>	<b>285</b>

\*The breakdown of states by region can be found on the Forisk website, [www.forisk.com](http://www.forisk.com), on the Bioenergy page. The North region includes states in the Northeast, Lake States, and Appalachia.

\*\*The status screen is cumulative and is applied to projects that pass the technology screen.

## Monthly Update

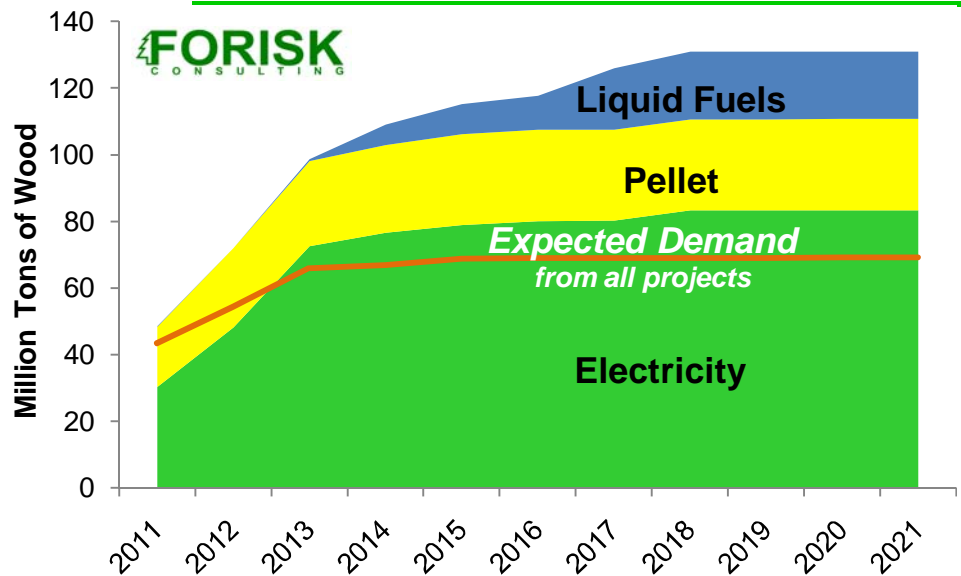
The Laidlaw Berlin BioPower LLC proposed 70 MW wood to electricity plant in Berlin, NH was declared "dead" early in July. Project developers could not agree with six biomass plants and the state on the project's power purchase agreement with Public Service of New Hampshire. Later in the month developers released a statement the the project is still in development and that negotiations are ongoing.

Rentech received its final permit for the proposed Northwest Florida Renewable Energy Center, a 55 MW wood to electricity project in Port St. Joe, FL. Rentech had a term sheet for a Department of Energy loan guarantee, but the term sheet has been put on hold. The company is trying to secure financing prior to starting construction.

Three Dimensional Timberlands LLC announced plans to build three biomass plants in Oregon. The plants would produce bio-char and pyrolysis oil to replace heating oil. The company plans to use logging residues and unmerchantable wood as feedstock.

The Tahoe Regional Planning Agency rejected Placer County, California's plan to build a 3 MW wood to electricity facility at King's Beach on the north shore of Lake Tahoe. Local opposition to the plant prompted Placer County to look for a site not adjacent to Lake Tahoe. The county is evaluating an additional site in Truckee, CA.

## 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 estimates 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.