Wood Bioenergy US

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A publication by Forisk Consulting that tracks, screens, and analyzes the wood bioenergy sector in the United States.

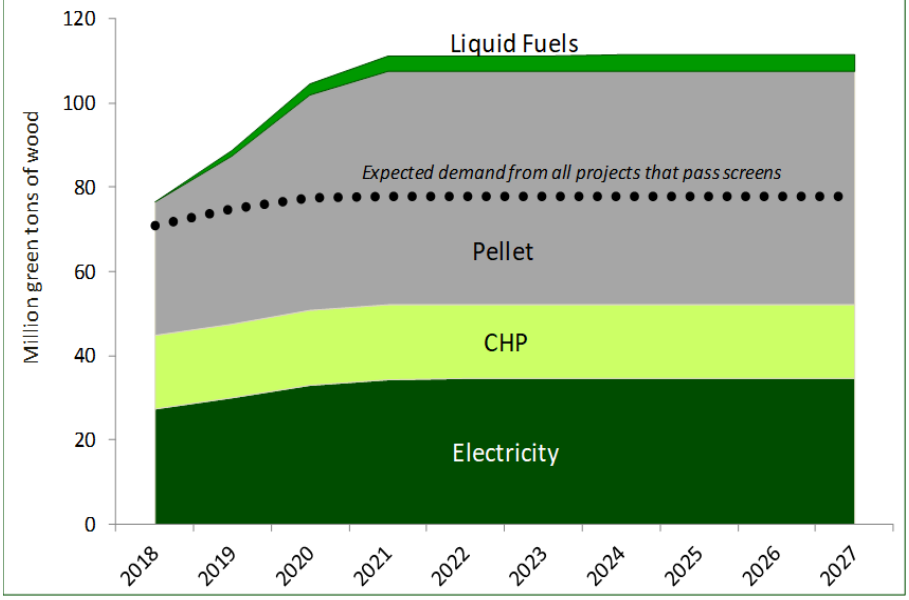
Free Summary

Number and Wood Use of Announced and Operating Projects, 2026

Region	Number of Projects by Type: Electricity	CHP	Thermal	Liquid Fuel	Pellet	Other	Total	*Total that pass screens*	Wood Use of All Projects gtons	Wood Use of Projects that Pass Screens gtons
North	47	26	9	15	85	0	182	*137*	30,288,668	25,316,068
South	29	20	9	15	81	2	156	*87*	64,650,047	39,476,098
West	35	20	1	5	39	3	103	*70*	16,718,072	12,972,722
Total	111	66	19	35	205	5	441	*294*	111,656,787	77,764,888

- **As of January 12, 2018 there were 441 projects in Forisk's *Wood Bioenergy US* database.** All announced and operating projects could use a total of 111.7 million green tons of wood per year by 2027. Projects that pass viability screens could consume 77.8 million tons of wood per year.
- Of the 156 projects announced and operating in the South, 87 pass viability screens. In the West, 70 of the 103 announced and operating projects pass viability screens. In the North, 137 of the 182 announced and operating wood bioenergy projects pass Forisk's viability screens.
- Regionally, the U.S. North still has the largest share (47%) of viable wood bioenergy projects while the South accounts for 51% of the potential wood use for bioenergy.

Estimated Wood Use by Announced Facilities



Notes

- Estimated demand is wood use by all projects that pass the technology and status screens.
- 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. Torrefied biomass technology also does not pass the technology screen.
- 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, off-take agreements, interconnection agreements for electricity facilities, and supply agreements.
- CHP is combined heat and power, or cogeneration. Thermal volumes are less than 1% of total volume in 2027.
- Assume 100% wood use unless feedstock mix is specified.
- If a project does not announce a startup date,

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