

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

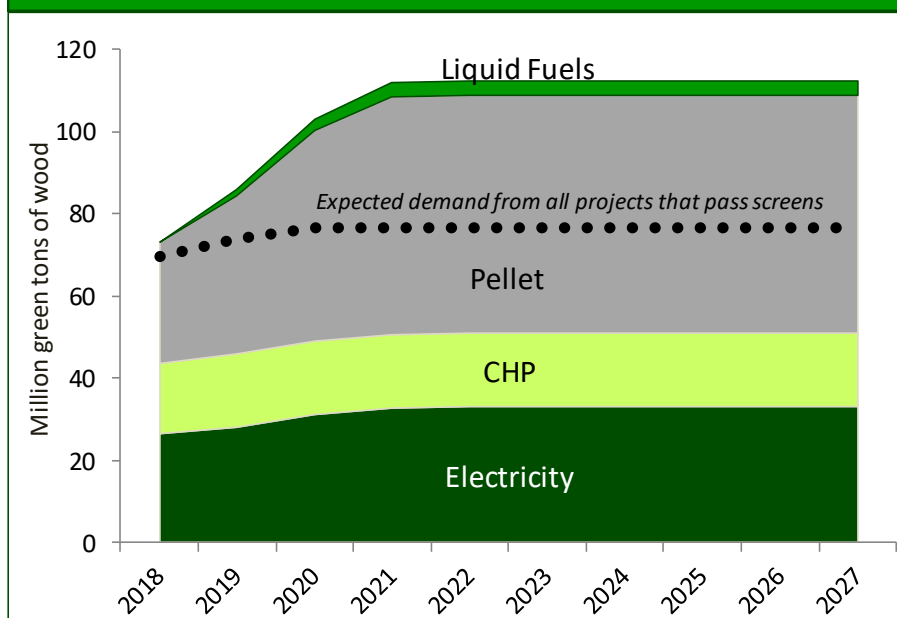
Free Summary

Number and Wood Use of Announced and Operating Projects, 2027

Region	Number of Projects by Type						Total	Total that pass screens	Wood Use of All Projects gtons	Wood Use of Projects that Pass Screens gtons
	Electricity	CHP	Thermal	Liquid Fuel	Pellet	Other				
North	46	26	9	15	81	0	177	125	28,228,514	24,172,414
South	29	20	9	15	81	3	157	88	67,849,990	39,946,441
West	35	19	1	5	42	3	105	68	16,664,221	12,744,246
Total	110	65	19	35	204	6	439	281	112,742,725	76,863,101

- **As of October 19, 2018, there were 439 projects in Forisk's Wood Bioenergy US database.** All announced and operating projects could use a total of 112.7 million green tons of wood per year by 2027. Projects that pass viability screens could consume 76.9 million tons of wood per year.
- Of the 157 projects announced and operating in the South, 88 pass viability screens. In the West, 68 of the 105 announced and operating projects pass viability screens. In the North, 125 of the 177 announced and operating wood bioenergy projects pass Forisk's viability screens.
- Regionally, the U.S. North still has the largest share (44%) of viable wood bioenergy projects while the South accounts for 52% 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. Torrefied biomass technology does not pass the technology 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, 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, then Forisk estimates the start date.

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