

Proposed and Existing Woody Biomass Facilities in the Southeastern US

ABOUT THE MAP: Proposed and Existing Woody Biomass Facilities in the Southeastern US

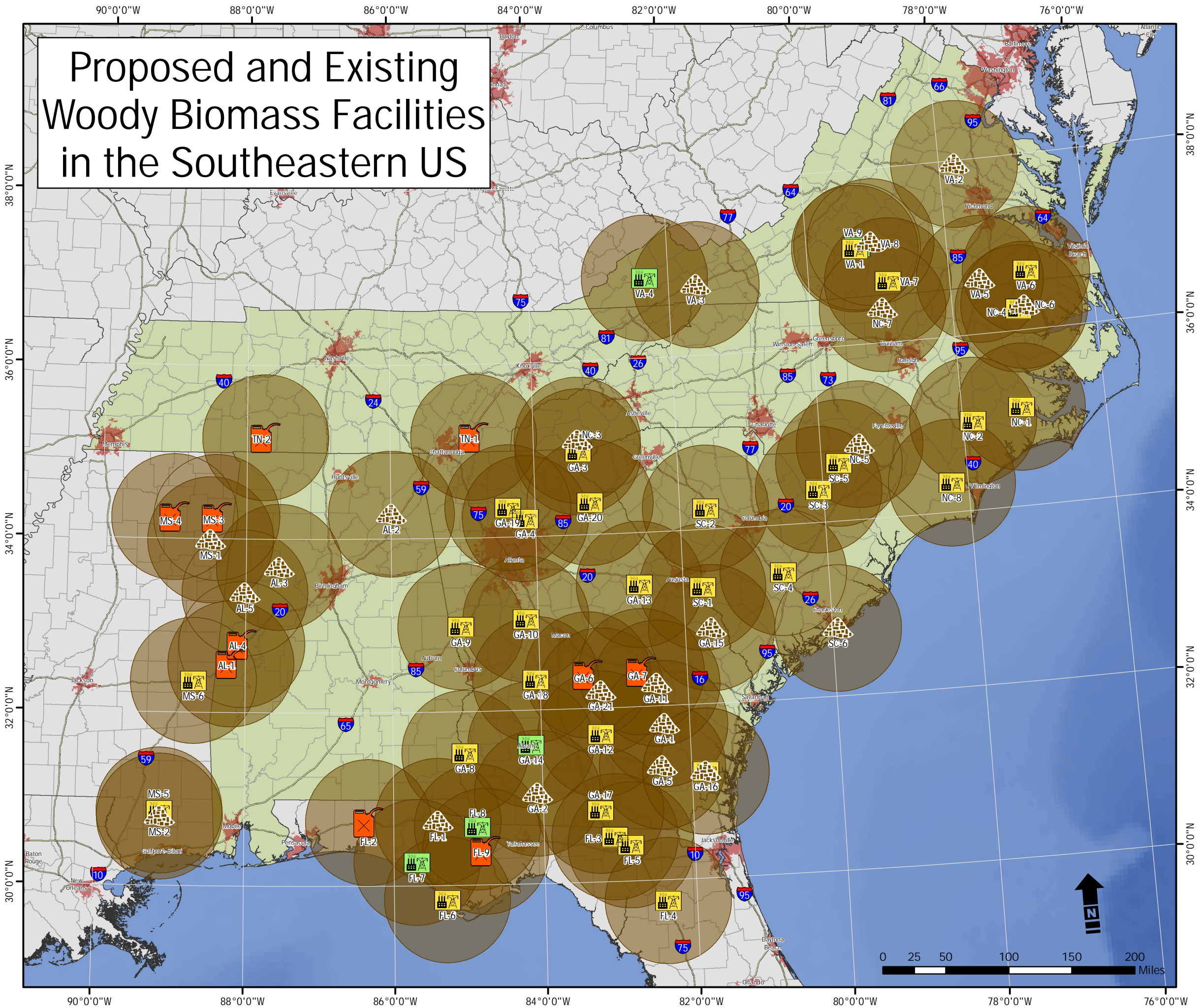
The Proposed and Existing Woody Biomass Facilities in the Southeast map was created based primarily on third party data as a list of proposed and existing woody biomass facilities known to SELC. The list was compiled primarily by collecting press releases about woody biomass facility proposals. Additional data was collected through internet based research of the companies announcing woody biomass facility proposals, forestry agencies, biomass groups, and state environmental permitting divisions. The map is thought to be accurate, but may still contain errors since it is derived from varied sources. The brown circle surrounding each unit has a 50 mile radius, representative of the sourcing area where wood feedstock will be gathered for each facility. These circles are meant to be illustrative of the potential forestry impacts where many facilities are proposed close together. Some facilities propose a larger sourcing area, up to 100 miles. Actual sourcing areas would also be shaped based on road networks making them more irregular than the illustrative circles shown here, however a similar comprehensive image would emerge.

Legend

-  Cellulosic Ethanol (CE) - Liquid ethanol processed from woody biomass
-  Electric Generating Unit (EGU) - Facility that converts woody biomass into electricity for consumption (>20 MW per year)
-  Coal-Fired EGU Retrofitted for Biomass - These can burn coal or woody biomass feedstock.
-  Wood Pellets (WP) - Raw wood condensed into small uniform pieces with a low moisture content for a high energy yield. (>45,000 dry tons/year)
-  Estimated Sourcing Area (50 mile radius)
-  Urban Areas
-  Interstates

Primary Data Sources:
Dartnell, Devon, Georgia Forestry Commission, "The Forest Biomass Industry in the Southeast" (December 9, 2008);
GIS Data Sources: ESRI (2008); NOAA (2003)

Map updated March 04, 2011
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Proposed and Existing Woody Biomass Facilities of the Southeastern United States (updated March 4, 2011)

Map Id	Plant Name	Company (Subsidiary of)	Annual Output	Power Unit	Operation Status	Year Online	City (nearest)	County	ST	Source Area (mi.)	LAT	LONG	Location Accuracy	Feedstock	Notes	Permit Status
AL-1	Livingston Plant	Gulf Coast Energy, Inc.	100,000,000	CE (gal/yr)	Existing	2009	Livingston	Sumter	AL	50	32.561	-88.197	Plant Site	timber industry waste	Annual output at full projected capacity is 100 million gal/yr. First year is 35 million.	
AL-2	Lee Energy Solutions Plant	Lee Energy Solutions	75,000	WP (tn/yr)	Existing	2010	Crossville	DeKalb	AL	(50)	34.288	-85.994	City	Wood chips, slash	79 Green Way Dr., Crossville, AL 35962;	
AL-3	West Alabama Plant	German Pellets USA/Western Renewable Energy, LLC	250,000	WP (tn/yr)^	Proposed	2012	unknown	unknown	AL	(50)	33.678	-87.545	Region	southern yellow pine	The companieexpandable to 500,000 metric tons per year.	
AL-4	Western Alabama Biorefinery	Coskata, Inc	55-60,000,000	CE (gal/yr)	Proposed		Boilege	Greene	AL	(50)	32.785	-88.015	Site	wood waste	Secured \$250million in loan guarantees from USDA on 1-20-11	
AL-5	Nature's Earth Pellet Energy	Nature's Earth Pellet Energy, LLC	90,000	WP (tn/yr)	Existing	1990	Reform	Pickens	AL	(50)	33.378	-88.015	City	wood waste	GTy-270,000; 125 County Road 21 Gordo, AL 35466	
FL-1	Green Circle	Green Circle BioEnergy Inc. (JCE Group AB)	560,000	WP (tn/yr)	Existing	2008	Cottondale	Jackson	FL	(50)	30.742	-85.411	Plant Site	southern yellow pine "grown in sustainable plantation-style forests"	2009 output was 454,000 tons.	Final Issued
FL-2	Mossy Head Plant	Gulf Coast Energy, Inc.	25,000,000	CE (gal/yr)	Proposed		Mossy Head	Walton	FL	(50)	30.736	-86.338	City	wood waste (wood scraps & sawdust)	Gulf Coast Energy may relocate plant within N FL due to no wood supply commitment.	
FL-3	Adage Hamilton County	ADAGE (Areva/Duke)	50	MW/yr	Proposed	2012	Jasper/White Springs	Hamilton	FL	50	30.515	-83.061	Plant Site	Field residuals and slash; Understory; Land clearing and storm debris; Production materials; Saw mill waste; Planer mill shavings; Source separated construction wood waste	Construction began in 2010	Final Issued
FL-4	Gainesville Renewable Energy Center	American Renewables	100	MW/yr	Proposed	2013	Gainesville	Alachua	FL	75	29.759	-82.388	Plant Site	Forest residue, wood processing residue, clean municipal wood waste	GREC will be sited on same property as GRU Deerhaven Generating Station. Power purchased by Gainesville Regional Utilities (GRU); Approved by Florida Public Service Commission 2010.	Draft Issued
FL-5	Hamilton County Renewable Energy Center	American Renewables	100	MW/yr	Proposed	2013	Jasper/White Springs	Hamilton	FL	75	30.416	-82.852	Street	Forest residue, wood processing residue, clean municipal wood waste	American Renewables has secured 260-acre site near Rt. 41 between the towns of Jasper and White Springs.	Anticipated
FL-6	NW Florida Renewable Energy Center	Biomass Gas & Electric (BG&E)	44	MW/yr	Proposed	2011	Port St. Joe	Gulf	FL	(50)	29.837	-85.300	Plant Site	untreated woody biomass: primarily wood chips, also agricultural crops/byproducts, logging and lumber mill residues (MSW prohibited)	"BG&E will grow 50 percent of the 735 bone dry tons of biomass per day required for the plant using a micropropagation technology applicable for up to 50 species of perennial grasses...The remaining feedstock will come from local wood providers and farmers" Uses approx 900 dry tons/day; 1000 max (permit). Site says 735/day. Progress Energy will buy energy.	Anticipated
FL-7	Lansing Smith (CFPP retrofit)	Gulf Power (Southern Company)	unknown	MW/yr	Proposed		Panama City Beach	Bay	FL	(50)	30.272	-85.699	Plant Site	Wood chips	Plant currently has 4 power units, 2 are coal-fired. Total output=945 MW. Plan to convert one coal-fired burner to biomass (not sure which one, can see permit for MMBtu/h of coal burners and convert to MW)	
FL-8	Plant Scholz (CFPP Retrofit)	Gulf Power (Southern Company)	100	MW/yr	Proposed	2013	Sneads	Jackson	FL	(50)	30.669	-84.887	Plant Site	Wood understorey, leftovers from timber harvesting from NW Florida pine plantations.	Evaluating complete conversion of 2 coal-fired units to biomass. Current capacity- 92 MW.	
FL-9	Liberty Industries	Liberty Chips Corp.	7,000,000	CE (gal/yr)	Existing	2011	Hosford	Liberty	FL	(50)	30.388	-84.785	Plant Site	Forest waste, crop waste, sawdust	GTy-770,000	
GA-1	Appling County Pellets, LLC	FRAM Renewable Fuels	145,000	WP (tn/yr)^	Existing	2008	Baxley	Appling	GA	(50)	31.793	-82.339	City	forestry waste	248 Sweet Water Drive Baxley, Georgia 31513	Final Issued
GA-2	Woodlands Alternative Fuels	World Wood Products (Sweden), Woodland Resources of Thomasville, and private FL investor	300,000	WP (tn/yr)^	Existing	2011	Meigs	Thomas	GA	(50)	31.044	-84.075	Plant Site	sawmill waste, pulpwood	1st Phase-produced 68,000 tons in 2009. Will produce 300,000 in 2010.	
GA-3	Multitrade Rabun Gap	Multitrade Biomass Holdings, LLC (Leaf Clean Energy)	18	MW/yr	Existing	2010	Rabun Gap	Rabun	GA	(50)	34.957	-83.378	Plant Site	forestry waste	Green Power EMC will buy 17MW of wood fired power. Plant close to NF land	Final Issued
GA-4	Atlanta, Georgia Bio-Energy Park (AGBEP)	Biomass Gas & Electric (BG&E)	50	MW/yr	Proposed		Cummings (Atlanta)	Forsyth	GA	(50)	34.207	-84.139	City	untreated wood waste, untreated sawmill residue, and herbaceous agricultural waste		Final Issued
GA-5	Ware County Pellets	American Green Holdings	125,000	WP (tn/yr)^	Existing		Waycross	Ware	GA	(50)	31.309	-82.392	Plant Site	wood waste		Final Issued
GA-6	Bleckley County Biorefinery	Allied Energy Services, LLC. (Cobb Energy Inc./Integrated Environmental Technologies LLC)	20,000,000	CE (gal/yr)	Proposed	2015	Cochran	Bleckley	GA	(50)	32.388	-83.351	City	wood waste, municipal solid waste		
GA-7	Soperton Plant	Range Fuels	10,000,000	CE (gal/yr)	Existing (Production Stopped)	2010	Soperton	Treutlen	GA	(50)	32.402	-82.624	Plant Site	forestry and milling waste; wood, grasses, and corn stover	1st Phase; will require 2625 tons dry biomass/yr. 9/7/2010- Now in existence, first plant nation's first commercial plant producing ethanol from wood wastes. Plant will stop production after first "demonstration" batch	Final Issued
GA-8	Yellow Pine Electrical Generating Plant	Yellow Pine Energy Company, LLC (Summit Energy Partners, LLC, Merrimac Assoc., Inc., Morris Energy Grp., LLC)	110	MW/yr	Proposed		Ft. Gaines	Clay	GA	(50)	31.521	-85.037	Plant Site	timber harvesting waste, pre-commercial thinning of forest plantation stands, harvesting non-commercial, dead or deformed species for fuel purposes and land clearing activities.	Georgia Power to buy electricity (20-yr deal). Feedstock may also include peanut hulls, pecan shells, cotton stalks, lumber and pallet wood wastes.	Final Issued
GA-9	Greenway Renewable Power	Rollcast Energy	50	MW/yr	Proposed		LaGrange	Troup	GA	100	32.979	-85.060	Street	timber waste	Location may be in Heard County	Final Issued
GA-10	Piedmont Green Power	Rollcast Energy	50	MW/yr	Proposed	2012	Barnesville	Lamar	GA	75	33.051	-84.168	Street	logging residue, mill residue and urban wood waste	The Project will utilize approximately 500,000 tons of woody biomass annually and has a 20-year power purchase agreement under which capacity payments represent the majority of the revenues.	Final Issued
GA-11	Georgia Biomass, LLC	Georgia Biomass, LLC (RWE Innogy [Germany]/ BMC [Sweden])	826,000	WP (tn/yr)^	Proposed	2011	Waycross	Ware	GA	(50)	32.261	-82.421	City	forestry (existing forest and plantation forestry). Debarked, chipped, made into pellets	Will ship pellets to Netherlands; broke ground in March 2010;	
GA-12	Fitzgerald Plant	Fitzgerald Renewable Energy, LLC (Decker Energy International, Inc.)	50	MW/yr	Proposed	2012	Fitzgerald	Ben Hill	GA	50	31.702	-83.201	Plant Site	waste wood	Will consume 650,000 tons/year of biomass fuel	Final Issued
GA-13	Oglethorpe Power	Oglethorpe Power	100	MW/yr	Proposed	2014	Warrenton	Warren	GA	(50)	33.405	-82.601	Street	Whole tree chips, chipped pulpwood, sawmill/forestry waste.	GTy-1,340,000 Land acquired for plant and construction to began in 2011. Second plant (Appling or Baxley County) planned to be completed in 2015, but on hold due to economy	
GA-14	Plant Mitchell (CFPP retrofit)	Georgia Power (Southern Company)	96	MW/yr	Proposed	2012	Albany	Dougherty	GA	100	31.605	-84.145	Plant Site	forestry waste	Conversion of existing coal plant(155 MW) completely to biomass (96 MW) delayed pending EPA ruling. 1 million tons/yr.	
GA-15	Briar Creek Pellets	Briar Creek Wood Fibers, LLC.	75,000	WP (tn/yr)^	Existing		Sylvania	Screven	GA	(50)	32.870	-81.643	Plant Site	Yellow Pine		
GA-16	Magnolia Biopower	Magnolia Biopower, LLC.	1,000,000	WP (tn/yr)^	Proposed	2012	Waynesville	Brantley	GA	(50)	31.227	-81.814	Street	Thinnings and non-timber valued; fire or hurricane damaged forest biomass and debris	e mail sent to info@magnoliabiopower.com with inquiry about permit status (sent 7/13/2010). No response to date. Starting production at 300,000 WP/yr; early production will be exported to Europe, final stage will market to US	
GA-17	Wiregrass Power, LLC	Sterling Energy Inc.	40	MW/yr	Proposed	2013	Valdosta	Lowndes	GA	50-60	30.825	-83.239	Street	forest products industry by-products and residue; wood products industry residue; inert landfill material; yard waste; biosolids		
GA-18	Macon Plant	Graphic Packaging Inc.	40	MW/yr	Proposed	2013	Macon	Macon	GA	(50)	32.353	-84.059	County	Timber industry residuals	Will be used to power paperboard mill	
GA-19	Global Energy Systems	Global Energy Systems	20	MW/yr	Proposed	2013	Ball Ground	Cherokee	GA	(50)	34.338	-84.378	City		GTy-200,000	
GA-20	Plant Carl	Earth Resources Inc	25	MW/yr	Proposed		Carnesville	Franklin	GA	20	34.370	-83.235	City	Wood waste and poultry litter	GTy-1,000,000	
GA-21	Dodge County Plant	Integro Earth Fuels (torrefied biomass)	300,000	WP (tn/yr)	Proposed	2012	Eastman	Dodge	GA	(50)	32.198	-83.178	City		GTy-600,000	
MS-1	Enviva Amory Plant	Enviva (Intrinerity LLC) / Electrabel, GDP Suez Group)	100,000	WP (tn/yr)^	Existing	2007	Amory	Monroe	MS	(50)	33.988	-88.495	Plant Site	wood waste, wood residue	GTy-150,000	Final Issued
MS-2	Piney Wood Pellets	Tomorrow's Energy, LLC, Enviva LP	50,000	WP (tn/yr)	Existing	2009	Wiggins	Stone	MS	(50)	30.796	-89.128	Plant Site	recycled forest waste material supplemented with green wood as needed	GTy-100,000	Final Issued
MS-3	Fulton Plant	BlueFire Ethanol	18,000,000	CE (gal/yr)	Proposed		Fulton	Itawamba	MS	(50)	34.246	-88.414	Plant Site	green and wood wastes	Applied for DOE loan 2010; 15 year agreement with Tenaska Biofuels to buy plant output;	
MS-4	Three Rivers Plant	Enkerem	20,000,000	CE (gal/yr)	Proposed	2012	Pontotoc	Pontotoc	MS	(50)	34.248	-88.999	City	municipal waste and wood residue	GTy-200,000; initial output will be 10 million gallons (2012)	
MS-5	Coastal Paper Wiggins Facility	Intrinerity	30,000	MW/yr	Existing	2007	Wiggins	Stone	MS	(50)	30.865	-89.135	City	wood and other agricultural materials	GTy-150,000	
MS-6	Plant Sweatt	Southern Company	80	MW/yr	Proposed	2013	Meridian	Lauderdale	MS	(50)	32.366	-88.703	City		GTy-800,000; viability analysis conducted for change to biomass	
NC-1	Craven County Wood Energy	Decker Energy International, Inc., CMS Enterprises	48	MW/yr	Existing	1990	New Bern	Craven	NC	(50)	35.130	-77.168	Plant Site	waste wood	"consumes approximately 540,000 tons of wood waste per year"	Final Issued
NC-2	Coastal Carolina Clean Power	Carlyle/Riverstone Renewable Energy Infrastructure Fund, Topaz Power Management, LP	32	MW/yr	Existing	2008	Kenansville	Duplin	NC	50	35.022	-77.858	Plant Site	construction debris and other wood waste	GTy- 430,000	Applied
NC-3	Carolina Wood Pellets, LLC	Carolina Wood Pellets, LLC	68,000	WP (tn/yr)	Existing	2009	Otto	Macon	NC	40	35.090	-82.382	Plant Site	waste wood from manufacturing, logging, and construction	Another article says 80,000 ton capacity; also North America's Wood Pellet Industry report has 62,000. Opened 9/09.	
NC-4	Hertford Renewable Energy	Hertford Renewable Energy, LLC. (Decker Energy International, Inc.)	60	MW/yr	Proposed	2012	Millennium	Hertford	NC	50	36.247	-77.071	Plant Site	"locally produced wood waste fuel"	(Site:GTy- 700,000 PPT: GTy- 600,000)	Draft Issued
NC-5	Nature's Earth Pellet Energy	Nature's Earth Pellet Energy, LLC	120,000	WP (tn/yr)	Existing	2009	Laurinburg	Scotland	NC	(50)	34.864	-79.456	Plant Site	spill off lumber mills (sawdust)	Located in former Eaton building, possibility of doubling capacity	Final Issued
NC-6	Enviva NC Plant	Enviva	330,000	WP (tn/yr)^	Proposed	2011	Ahoskie	Hertford	NC	(50)	36.281	-76.988	Plant Site	raw wood supplies	The new plant, to be built at the site of the former Georgia Pacific lumber facility site in Hertford County, will produce 330,000 dry tons of wood pellets annually from more than 600,000 tons of raw wood supplies.	
NC-7	Person County Plant	Integro Earth Fuels	350,000	WP (tn/yr)	Proposed		Roxboro	Person	NC	40	36.395	-78.983	City		"Green Coal", torrefaction	
NC-8	IP Riegelwood	Sterling Planet	45	MW/yr	Proposed	2013	Riegelwood	Columbus	NC	(50)	34.340	-78.225	City	timber residue	GTy-450,000	
SC-1	Savannah River Site	DOE; Ameresco Federal Solutions, Inc.	15	MW/yr	Proposed	2011	Aiken	Aiken	SC	(50)	33.341	-81.738	Plant Site	primarily forestry residues, shredded tires	Site: GTy-27,000 PPT:GTy- 1,250,000; Primary purpose is to provide steam for nuclear power plant; replacing existing coal facility.	FONSI Issued
SC-2	Loblolly Green Power	Rollcast Energy	50	MW/yr	Proposed	2012	Newberry	Newberry	SC	65	34.244	-81.643	Plant Site	urban wood, standing residue, thinning, logging residue	Loblolly site says 2011, more recent (apparently) PPT presentation says 2012.	Draft Issued
SC-3	Hartsville Plant	Peregrine Energy Corp.	50	MW/yr	Proposed	2012	Hartsville	Darlington	SC	(50)	34.377	-80.066	Plant Site	thinning, forestry waste	CHP with Sonoco Packaging Co.	Applied
SC-4	Orangeburg Plant	Orangeburg County Biomass, LLC	35	MW/yr	Proposed	TBD	Orangeburg	Orangeburg	SC	(50)	33.458	-80.625	Street	Wood chips and forestry thinning		Draft Issued
SC-5	Domtar Paper Co., LLC	Contracted by Santee Cooper	50	MW/yr	Existing	2010	Bennettsville	Mariboro	SC	(50)	34.666	-79.760	Street	Wood waste	Contracted by Santee Cooper. Generator to create steam from wood waste already installed. Still needs approval by board. 15 year contract	
SC-6	Carolina Pacific Briquetting Co.	Carolina Pacific Briquetting Co., LLC	300,000	WP (tn/yr)	Existing	2009	Charleston	Charleston	SC	(50)	32.779	-79.927	Plant Site		GTy-600,000; exporting to scandinavia	
TN-1	Cleveland Plant	Gulf Coast Energy, Inc.	100,000,000	CE (gal/yr)	Proposed	2011	Cherland	Bradley	TN	(50)	35.158	-84.830	Plant Site	Wood Waste	10,000,000 in 2014; 100,000,000 in 2017	Applied
TN-2	Collonwood Plant	ClearFuels Technology, INC.; Hughes Hardwood International (HHI)	20,000,000	CE (gal/yr)	Proposed	2014	Collinwood	Wayne	TN	(50)	35.170	-87.745	Plant Site	1,000 bone dry tons/day (BDT/d) of local timber resources; mix of slash and underutilized wood product along with local mill residues.	Construction planned to begin late 2011/early 2012 and permitting work underway in 3rd Quarter 2010; 16,000,000 gal/yr jet fuel; 4,000,000 gal/yr naphtha; 8MW/yr	
VA-1	Pittsylvania Power Station	Dominion Energy	79	MW/yr	Existing	1994	Hurt	Pittsylvania	VA	100	37.101	-79.305	Plant Site	Wood chips from sawmills, logging, and paper mills; 90+% is waste wood that would otherwise be landfilled/burned	90% of fuel from within 100 miles; 70% from within 90 miles. Purchased by DOM in 2004.	Final Issued
VA-2	WoodFuels VA Plant	WoodFuels VA, LLC (International Wood Fuels/Ensign-Bickford), Argonaut BioFuels	100,000	WP (tn/yr)	Existing	2008	Bumpass	Louisa	VA	90	37.962	-77.779	Plant Site	Not from landfill source or construction debris; uses whole logs from sustainable forestry.	GTy-150000. Formerly Argonaut BioFuels/Libra Natural Resources plant.	
VA-3	AWF Marion Plant	American Wood Fibers	unknown	WP (tn/yr)^	Existing	2009	Marion	Smyth	VA	(50)	36.812	-81.605	Street	post-industrial wood waste (scrap wood, shavings, saw dust)	514 Lee Highway Marion, VA 24354	
VA-4	Virginia City Hybrid Energy Center	Dominion Power	585	MW/yr	Proposed	2012	St. Paul	Wise	VA	(50)	36.919	-82.335	Plant Site	Wood waste (i.e. chips)	Coal plant using up to 20% biomass fuel, total capacity=585, x(2)=117 MW. GTy-300,000; 585 from FORISK via book chapter	Final Issued
VA-5	Wood Fuel Developers, LLC	Industrial TurnAround Corp.	80-300,000	WP (tn/yr)^	Proposed	2011	Greensville	Greensville	VA	(50)	36.628	-77.574	County	woodchips, sawmill residue	Site announcement very recent (1/2010); full capacity will export majority to Europe	
VA-6	Franklin IP Site Plant	Leaf Clean Energy Co.	unknown	MW/yr	Proposed		Franklin	Isle of Wight	VA	(50)	36.678	-76.913	Plant Site		This plant is an emerging issue which is of concern to North Carolina due to sourcing area extraction from NC forests. email sent 9/28, message left (202 289 7881)	
VA-7	Plywood Trail	South Boston Energy, LLC / NOVI Energy, LLC; Northern Virginia Electric Cooperative	50	MW/yr	Proposed	20										

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Map Id	Plant Name	Permit	Sources
AL-1	Livingston Plant		gulfcoenergy.net, The Birmingham News, Wood Bio Energy News
AL-2	Lee Energy Solutions Plant	Filed AQ permit with ADEM July 2009	The Sand Mountain Reporter, The Weekly Post, The Huntsville Times, Forisk Consulting (Wood BioEnergy South)
AL-3	West Alabama Plant		RISI Wood Biomass Markets
AL-4	Western Alabama Biorefinery		USDA, Coskata.com, Domestic Fuel.com, MyFoxAI.com, news.thomasnet.com
AL-5	Nature's Earth Pellet Energy		Department of Forestry Products MSU; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
FL-1	Green Circle	http://www.dep.state.fl.us/air/emission/aces/ACES_facility.asp?txtFacID=8601	greencirclebio.com, Green Circle Bio Brochure; treehugger.com
FL-2	Mossy Head Plant	None on file; FDEP anticipating project	gulfcoenergy.net, Ethanol Producer Magazine, Florida-Agriculture.com
FL-3	Adage Hamilton County	http://www.dep.state.fl.us/Air/emission/bioenergy/adage.htm	adagepower.com, Florida DEP, Jacksonville Business Journal, Suwannee Democrat,
FL-4	Gainesville Renewable Energy Center	http://www.dep.state.fl.us/Air/emission/construction/gainesville.htm	The Gainesville Sun, americanrenewables.com, gru.com
FL-5	Hamilton County Renewable Energy Center		americanrenewables.com
FL-6	NW Florida Renewable Energy Center	http://www.dep.state.fl.us/Air/emission/construction/stjoe.htm	biggreenenergy.com, floridaenvironments.com, Biomass Magazine
FL-7	Lansing Smith (CFPP retrofit)	(CFPP permit) http://www.dep.state.fl.us/air/emission/aces/ACES_facility.asp?txtFacID=6	Panama City News Herald
FL-8	Plant Scholz (CFPP Retrofit)	CFPP permit: http://arm-permit2k.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0630014.010.AV.F_pdf.zip	Southern Company (http://www.southerncompany.com/corporateresponsibility/environment/climateChangeAction.aspx), The Rotary Club of Pensacola; Wood Biopower plants being established in the SE
FL-9	Liberty Industries		Florida-agriculture.com; biomassmagazine.com; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
GA-1	Appling County Pellets, LLC	AQ: http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=DOC-OP-19081 Original: http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=PDF-OP-17167	forestbioenergy.net, framfuels.com, Georgia EPD
GA-2	Woodlands Alternative Fuels	AQ permit for previous facility (Waverly Minerals): http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=VF-15664	northfulton.com, USDA Forest Service, Georgia Centers of Innovation Energy
GA-3	Multitrade Rabun Gap	http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=PDF-OP-18100 http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=PDF-OP-18464	CleanTech Group LLC, Forisk Consulting (Wood BioEnergy South)
GA-4	Atlanta, Georgia Bio-Energy Park (AGBEP)	http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=PDF-OP-17533	biggreenenergy.com, Tree Rings Newsletter (University of Florida)
GA-5	Ware County Pellets	http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=PDF-OP-18308	Georgia DEP, EPA, Zac Anderson (unknown publisher)
GA-6	Bleckley County Biorefinery		Ethanol Producer Magazine, alliedenergyllc.com, ethanol producer.com (Proposed ethanol plant list); Woody Biomass Liquid Fuel Projects in the SE
GA-7	Soperton Plant	AQ permit amendment: http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=DOC-OP-18992 Original AQ permit: http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=PDF-OP-17348	Ethanol Producer Magazine, sustainable business oregon.com, Biomass Magazine, Denver Post, BrighterEnergy.org, Wood Bioenergy News, gpb.org
GA-8	Yellow Pine Electrical Generating Plant	http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=DOC-PI-17700	Georgia EPD, redorbit.com, EPA
GA-9	Greenway Renewable Power	AQ permit amendments: http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=DOC-OP-18920 Original AQ permit: http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=PDF-OP-17892	greenwayrenewablepower.com, Georgia Power, Wood Bioenergy News
GA-10	Piedmont Green Power	AQ permit amendment: http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=DOC-OP-19354 Original AQ permit: http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=PDF-OP-18253	piedmontgreenpower.com, macon.com, The Georgia Engineer, Atlantic Power Corporation
GA-11	Georgia Biomass, LLC		The Weekly, Reuters, Biomass Magazine, rwe.com
GA-12	Fitzgerald Plant	http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=DOC-OP-18711	Fitzgerald Renewable Energy, Decker Energy International, Georgia DEP
GA-13	Oglethorpe Power		Atlanta Citybizlist, opc.com, peanutpolitics-keith.blogspot.com
GA-14	Plant Mitchell (CFPP retrofit)	(CFPP permit) http://airpermit.dnr.state.ga.us/gaairpermits/PermitPDF.aspx?id=DOC-VF-18672	Georgia Power, Biomass Magazine, PR Newswire
GA-15	Briar Creek Pellets		Georgia Forestry Commission, Bioenergy International, USDA; W. AL & E. MS. Forest Industry
GA-16	Magnolia Biopower		Forisk Consulting (Wood BioEnergy South), Magnolia BioPower
GA-17	Wiregrass Power, LLC		Examiner.com, WCTV (CBS), LOWNDES COUNTY BOARD OF COMMISSIONERS MINUTES, allamericanpatriots.com, The Tifton Gazette, Valdosta Daily Times
GA-18	Macon Plant		BrighterEnergy.org, Wood Bioenergy South (FORISK Consulting)
GA-19	Global Energy Systems		entrepreneur.com; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
GA-20	Plant Carl		nrdev.usda.gov; Earth Resources Inc; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
GA-21	Dodge County Plant		Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7); Biomass Power Association
MS-1	Enviva Amory Plant	http://opc.deq.state.ms.us/ai_info.aspx?ai=24301	Mississippi DEQ, bioenergy-news.com, grpva.com, Greater Richmond Partnership Inc; USDA; W. AL & E. MS. Forest Industry
MS-2	Piney Wood Pellets	http://opc.deq.state.ms.us/ai_info.aspx?ai=37405	Wood Bioenergy Magazine, WLOX13 ABC (Biolk Gulfport Pascagoula), Brighter Energy.org, Mississippi Business Journal; USDA; W. AL & E. MS. Forest Industry
MS-3	Fulton Plant		Bluefire Ethanol, PR Newswire
MS-4	Three Rivers Plant		enerkem.com; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
MS-5	Coastal Paper Wiggins Facility		goliath.ecnext.com; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
MS-6	Plant Sweatt		wtok.com; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
NC-1	Craven County Wood Energy	http://daq.state.nc.us/permits/draft_permits/craven_draft.pdf	deckerenergy.com, Decker Energy International
NC-2	Coastal Carolina Clean Power	http://daq.state.nc.us/permits/aapa_reports/aapa.pdf	coastalccp.com, Triangle Business Journal; W. AL & E. MS. Forest Industry
NC-3	Carolina Wood Pellets, LLC		The Franklin Press, Tuskegee Reader, USDA
NC-4	Hertford Renewable Energy	http://daq.state.nc.us/permits/draft_permits/hertford_dft_10272009.pdf	Decker Energy, USDA, NC DENR, EPA, Decker Energy International, hrelc.net
NC-5	Nature's Earth Pellet Energy	list http://daq.state.nc.us/permits/files/all_permitted.pdf	gobiomass.com, Wood BioEnergy Magazine, Wood Bioenergy News
NC-6	Enviva NC Plant		Richmond Times-Dispatch, Tech Journal South, newenergyworldnetwork.com, apnews.com, Greater Richmond Partnership Inc, Roanoke Chowan News Herald
NC-7	Person County Plant		newsobserver.com, Person County Economic Development Council; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
NC-8	IP Riegelwood		Star News Online; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
SC-1	Savannah River Site	FONSI: http://gc.energy.gov/NEPA/nepa_documents/ea/ea1568/FONSI.pdf	Charleston Regional Business Journal, US DOE, GoUpstate.com, W. AL & E. MS. Forest Industry
SC-2	Loblolly Green Power	http://www.scdhec.gov/environment/baq/publicnote/pubs/new051ca.greensheets.pdf	Newberry Observer, loblollygreenpower.com, Wood Bioenergy News
SC-3	Hartsville Plant		peregrinecorp.net, risinfo.com
SC-4	Orangeburg Plant		The Times and Democrat (Orangeburg)
SC-5	Domtar Paper Co., LLC		woodbiomass.com, elp.com
SC-6	Carolina Pacific Briquetting Co.		Carolinalive.com; Plant Biotechnology for Sustainable Production of Energy and Co-products (Chapter 7)
TN-1	Cleveland Plant	NSR notice: http://www.tn.gov/environment/apc/ppo/dec2509.pdf	Guld Coast Energy, Tennessee DAPC, Ch. 7 (Hinchey, Et al)
TN-2	Collonwood Plant		ClearFuels.com, thebioenergysite.com
VA-1	Pittsylvania Power Station	http://www.deq.virginia.gov/export/sites/default/air/pdf/titlepermits/30871tvada.pdf	Dominion, virginiabiomass.org, Virginia Division of Legal Services
VA-2	WoodFuels VA Plant	Point Sources with Criteria Pollutant Emissions of 10 Tons or More 2008: http://www.deq.virginia.gov/export/sites/default/air/emissions/2008_criteria_emissions_10tons.xls	woodfuelsvirginia.com, virginiabusiness.com; fredericksburg.com, W. AL & E. MS. Forest Industry
VA-3	AWF Marion Plant		Timberline Magazine
VA-4	Virginia City Hybrid Energy Center	http://www.deq.state.va.us/info/vchecPermits.html	Dominion, timesnews.net; W. AL & E. MS. Forest Industry
VA-5	Wood Fuel Developers, LLC		woodbiomass.com, National Association of Certified Developers; RISI
VA-6	Franklin IP Site Plant		Richmond Times-Dispatch, Tidewater News
VA-7	Plywood Trail		gazettevirginian.com, istockanalyst.com, WSL10 (NBC), Richmond Times-Dispatch
VA-8	Gladys Plant		woodbiomass.com
VA-9	Altavista Power Station (CFPP Retrofit)		Altavista Journal Editor

Data from industry media releases.

Abbreviations: CE (gal/yr)=Cellulosic Ethanol in gallons/year; WP (tn/yr)=Wood Pellets in dry tons/year; MW/yr= Megawatts/year; #=Converted from green tons figure, ^=Exports to Europe