

Biomass Utilization Toolkit



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Overview

The California Governor's Office of Emergency Services (Cal OES), Recovery Support Functions (RSF) Unit is comprised of six RSFs—Community Planning & Capacity Building (CPCB), Economic (ECON), Health & Social Services (HSS), Housing (HSG), Infrastructure Systems (INF), and Natural & Cultural Resources (NCR).

The mission of the RSFs is to assist communities with long-term recovery efforts following an incident or disaster through the coordination of resources (e.g., funding opportunities, guidance, and technical assistance). These resources are intended to supplement traditional State and federal recovery programs including the Federal Emergency Management Agency (FEMA) Individual Assistance, Hazard Mitigation, and Public Assistance programs.

The Cal OES NCR RSF developed the Biomass Utilization Toolkit to provide information on available funding and technical assistance for current and future recovery activities and to increase resilience to future wildfire events.

For more information about the opportunities presented within this guide, as well as any questions or concerns, please contact the Cal OES RSF Unit at LongTermRecovery@caloes.ca.gov.

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What is in this Toolkit?

The Biomass Toolkit offers a comprehensive overview of woody biomass production facilities and utilization in the state of California. The development of this guidance includes Biomass Grants and funding, technical assistance, and a detailed overview of active and non-active Sawmills and Biomass facilities across the state.

Biomass Utilization

Woody biomass can make a wide variety of products, including:



Source: University of California Agriculture and Natural Resources, Woody Biomass Utilization Group (https://ucanr.edu/sites/WoodyBiomass/Woody_Biomass_Library/Utilization_Technology/)

Biomass Disposal Methods

In-Woods Biomass Disposal Methods



Economics	low cost	medium cost	revenue potential	medium to high cost
Air Quality	good	poor	good	fair
Time Required	long time (>10 years)	2 – 3 years	<1 year	2 – 3 years
Fire Hazard	very high	high	low	low
Implementation	easy	medium	complicated	medium
Season	year-around	2-3 months/year	year-around	year-around

Note: one or a mix of these four methods may be used, depending on work conditions, biomass amounts to be disposed, accessibility, product markets, budget, etc.

Source: <https://eri.nau.edu/biomass-disposal>

Biomass Facilities

Table 1: Status of Biomass Facilities by County

County	Number of Pilots	Number of Proposed Facilities	Number of Active Development Facilities	Number of Operational Facilities	Number Idle Facilities	Total Number of Facilities
<u>Amador</u>					0	0
<u>Butte</u>			1	2	1	4
<u>Calaveras</u>			1			1
<u>Colusa</u>		1				1
<u>Fresno</u>		1		1	3	5
<u>Humboldt</u>				2	1	3
<u>Imperial</u>					1	1
<u>Kern</u>				1	1	2
<u>Lake</u>			0			0
<u>Lassen</u>				1		1
<u>Madera</u>			1	1		2
<u>Mariposa</u>			1			1
<u>Mendocino</u>		2				2
<u>Merced</u>				2		2
<u>Nevada</u>			1			1
<u>Placer</u>				2		2
<u>Plumas</u>			1	3		4
<u>Riverside</u>				1		1

County	Number of Pilots	Number of Proposed Facilities	Number of Active Development Facilities	Number of Operational Facilities	Number Idle Facilities	Total Number of Facilities
San Joaquin				1	1	2
Shasta		1	1	4	2	8
Siskiyou				2	1	3
Stanislaus			1			1
Tulare					2	2
Tuolumne		1		3		4
Yolo				1	1	2
Yuba			1			1
Total:	1	5	10	26	14	54

Table 2: Description of Facility Status Types

Status	About
Active Development	Construction may or may not have begun, site is purchased or being purchased, feasibility studies have been completed, web site is active, permitting is underway, and capital may be secured
Idle	Facility closed and most or all the workers have been laid off. Facility may still accept raw material, but is not processing material. Equipment is still functional and facility can theoretically be reopened at little expense
Operational	Accepting and processing raw material from CA Forests
Pilot	Facility in pre-production operating at a scale above "bench top" and below "industrial. Purpose is to test and confirm manufacturing processes.
Proposed	No physical presence yet. Site has not been purchased. Feasibility studies may have been completed, website may be active, and capital is being raised.

Table 3: Type of Biomass Facility by County

County	Number of Thermal Facilities	Number of Biomass Power Plants	Number of Liquid Fuel Facilities	Number of Biochar Facilities	Number of TBD	Total Number of Facilities
<u>Amador</u>		1				1
<u>Butte</u>		2				2
<u>Calaveras</u>		1				1
<u>Colusa</u>		1				1
<u>Fresno</u>		4				4
<u>Humboldt</u>		3				3
<u>Imperial</u>		1				1
<u>Kern</u>		2				2
<u>Lake</u>		0				0
<u>Lassen</u>		1				1
<u>Madera</u>		2				2
<u>Mariposa</u>		1				1
<u>Mendocino</u>		2				2
<u>Merced</u>		1				1
<u>Nevada</u>		1				1
<u>Placer</u>		2				2
<u>Plumas</u>	1	3				4
<u>Riverside</u>		1				1
<u>San Joaquin</u>		2				2
<u>Shasta</u>		7			1	8

County	Number of Thermal Facilities	Number of Biomass Power Plants	Number of Liquid Fuel Facilities	Number of Biochar Facilities	Number of TBD	Total Number of Facilities
Siskiyou	1	2				1
Stanislaus		1				3
Tulare		2				1
Tuolumne	1	3				4
Yolo		2				2
Yuba		1				1
Total:	3	49	1	0	1	52

Table 4: Description of Biomass Facility Types

Facility Type	About
BioChar	Facility which utilizes biomass to produce BioChar as primary product
Biomass Power Plant	Facility which utilizes virgin wood, and / or residuals from wood processing to concurrently produce electricity or mechanical power and useful thermal energy (heating and/or cooling). Generation is located at or near the point of consumption
Liquid Fuels	Facility which utilizes biomass to produce liquid fuel as primary product
TBD	Facility type is unknown
Thermal	Facility which utilizes material or residuals from forests in California

Sawmill Facilities

Table 5: Types of Sawmills by County

County	Cedar Mill	Sawmill	Small Log Mill	Large Log Mill	Large & Small Log Mill	Fence board Mill	Firewood	Peeler Mill	Small Production Mill
Butte	1	1							
Humboldt			1		2	1			
Mendocino		2							
Placer		1							
Plumas		1			1				
Santa Cruz		1							
Shasta		1	2	1			1		
Siskiyou								2	
Sonoma		1				1			1
Trinity					1				
Tulare		1							
Tuolumne		2							
Total:	1	11	3	1	4	2	1	2	1

Table 6: Description of Facility Types

Facility Type	Description
Cedar Mill	Facility has been optimized to produce fence boards, 1" thickness lumber, and pallet stock. Typically, only accepts cedar feedstock
Sawmill	Facility where logs are cut into lumber

Facility Type	Description
Small Log Mill	Facility has been optimized or built to efficiently process small logs (<14" small end diameter-inside-bark)
Large Log Mill	Facility is not optimized specifically for small logs (<14" small end diameter-inside-bark)
Large & Small Log Mill	A portion of the facility has been optimized to accept small logs, but can also accept logs >14" small end diameter-inside-bark
Fence board Mill	Facility has been optimized to produce fence boards, 1" thickness lumber and pallet stock
Firewood	Facility optimized to produce firewood

Table 7: Types of Feedstocks Accepted by County

County	IC	DF	PP	SP	WF	HF	RF	RW	LP	MP	SS	WR
Butte	2											
Humboldt		3				1		2				
Mendocino		2				1		2				
Placer	1	1	1	1	1							
Plumas	1	2	2	2	2							
Santa Cruz		1						1				
Shasta	2	5	4	3	4	1	1					
Siskiyou		2		1	1	1	1					
Sonoma		1				2		3				
Trinity		1			1							
Tulare	1		1	1	1							
Tuolumne	2	1	1	1	1	1						

Total:	9	19	9	9	11	7	2	8	0	0	0	0
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Table Legend	
DF	Douglas Fir
HF	Species Combo of Western Hemlock & True Firs
IC	Incense Cedar
LP	Lodgepole Pine
MP	Monterey Pine
PP	Ponderosa Pine
RF	Red Fir
RW	Redwood
SP	Sugar Pine
SS	Sugar Pine
WF	White Fir
WR	Western Red-Cedar

California State Grant & Loan Resources

California Infrastructure and Economic Development Bank (iBank) Climate Catalyst Program	
Application Deadline	Ongoing
Program Description	<p>The Climate Catalyst Revolving Loan Fund is designed to: Jumpstart critical climate solutions through flexible, low-cost credit and credit support.</p> <p>Help bridge the financing gap that currently prevents these advanced technologies from scaling into the marketplace.</p> <p>Mobilize public and private finance for shovel-ready projects that are stuck in the deployment phase.</p> <p>Accelerate the speed and scale at which technologically proven, critical climate solutions are deployed.</p> <p>Also supports projects that reduce wildfire threats through forest biomass management and utilization such as forestry practices, sustainable vegetation management, and timber harvesting products such as advance energy and construction materials.</p>
Eligibility	Private and Public Sector
Maximum Award	Dependent on loan amount requested
Application Process	If you have a climate-smart agriculture or forest biomass management or utilization project and have written expressions of interest from other financing parties, complete the Climate Catalyst Intake Form: https://ibank.ca.gov/climate-catalyst-intake-form/
Website	https://www.ibank.ca.gov/climate-financing/climate-catalyst-program/ Climate Catalyst Fact Sheet: https://ibank.ca.gov/wp-content/uploads/2022/08/Climate-Catalyst-Fact-Sheet.pdf
Contact Information	Email: climatefinancing@ibank.ca.gov Phone: 916-341-6600
Timeline for Funding Availability	Ongoing

California Public Utilities Commission (CPUC)

Bioenergy Feed-in Tariff Program

Application Deadline	Content
Program Description	<p>The Bioenergy Feed-in Tariff Program or the Bioenergy Market Adjusting Tariff (BioMAT) is a feed-in tariff program for small bioenergy renewable generators less than 5 MW in size (other small renewable generators are procured through the Renewable Market Adjusting Tariff). The BioMAT program offers up to 250 MW to eligible projects through a fixed-price standard contract to export electricity to California's three large investor-owned utilities (IOUs). Electricity generated as part of the BioMAT program counts towards the utilities' RPS targets.</p> <p>BioMAT offers 10, 15 or 20-year power purchase agreements (PPAs) to purchase wholesale power generated from small renewable bioenergy projects with nameplates up to 5 MW, provided that not more than 3 MW is delivered to the grid at any time.</p>
Eligibility	<ul style="list-style-type: none"> • Project must be in the service territory of Pacific Gas and Electric (PG&E), Southern California Edison (SCE), or San Diego Gas and Electric (SDG&E) and be connected on the distribution or transmission system. • Project nameplate may be sized 5 MW or smaller, provided that no more than 3 MW is delivered to the grid at any time. • Project must commence operations after June 1, 2013. • Project must have passed the interconnection Fast Track screens, passed Supplemental Review, completed a System Impact Study in the Independent Study Process, completed a Distribution Group Study Phase 1 Interconnection Study in the Distribution Group Study Process, or completed a Phase 1 Study in the Cluster Study Process.
Maximum Award	<p>For utility specific BioMAT information, including materials describing procurement and pricing status, please visit the following links:</p> <ul style="list-style-type: none"> • Pacific Gas and Electric (PG&E) BioMAT Program • Southern California Edison (SCE) BioMAT Program • San Diego Gas and Electric (SDG&E) BioMAT Program

Application Process	To apply, go to the appropriate utility: <ul style="list-style-type: none"> • Pacific Gas and Electric (PG&E) BioMAT Program • Southern California Edison (SCE) BioMAT Program • San Diego Gas and Electric (SDG&E) BioMAT Program
Website	https://www.cpuc.ca.gov/industries-and-topics/electrical-energy/electric-power-procurement/rps/rps-procurement-programs/rps-sb-1122-biomat
Contact Information	CPUC Renewables Portfolio Standard Program contacts: https://www.cpuc.ca.gov/industries-and-topics/electrical-energy/electric-power-procurement/rps/rps-contact-information
Timeline for Funding Availability	Ongoing

Federal Grant & Loan Resources

USDA-RD Rural Energy for America Program Renewable Energy Systems & Energy Efficiency Improvement Guaranteed Loans & Grants	
Application Deadline	October 31, 2022 and March 31, 2023
Program Description	<p>The program provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements. Agricultural producers may also apply for new energy efficient equipment and new system loans for agricultural production and processing.</p> <p>Funds may be used for renewable energy systems, such as:</p> <ul style="list-style-type: none"> • Biomass (for example: biodiesel and ethanol, anaerobic digesters, and solid fuels). • Geothermal for electric generation or direct use. • Hydropower below 30 megawatts. • Hydrogen. • Small and large wind generation. • Small and large solar generation. • Ocean (tidal, current, thermal) generation.

Eligibility	Agricultural producers with at least 50 percent of their gross income coming from agricultural operations. Small businesses in eligible rural areas.
Maximum Award	Dependent on application and if requesting grant or loan
Application Process	Please speak to a Rural Development Energy Coordinator before filling out any form or application online. Find your Rural Development Energy Coordinator here: https://www.Rdusda.gov/sites/default/files/RBS_StateEnergyCoordinators.pdf
Website	https://www.Rdusda.gov/programs-services/energy-programs/rural-energy-america-program-renewable-energy-systems-energy-efficiency-improvement-guaranteed-loans/ca
Contact Information	John Strauch Email: john.strauch@usda.gov Phone: 530-223-4137, Ext. 113
Timeline for Funding Availability	Ongoing

USDA-RD Business & Industry Loan Guarantees	
Application Deadline	Applications are accepted from lenders year-round.
Program Description	<p>This program offers loan guarantees to lenders for their loans to rural businesses.</p> <p>Eligible uses include (but are not limited to):</p> <ul style="list-style-type: none"> • Business conversion, enlargement, repair, modernization, or development. • The purchase and development of land, buildings, and associated infrastructure for commercial or industrial properties. • The purchase and installation of machinery and equipment, supplies, or inventory. • Debt refinancing when such refinancing improves cash flow and creates jobs.

	<ul style="list-style-type: none"> • Business and industrial acquisitions when the loan will maintain business operations and create or save jobs.
Eligibility	<p>What lenders may apply for this program? Lenders need the legal authority, financial strength, and sufficient experience to operate a successful lending program. This includes lenders that are subject to supervision and credit examination by the applicable agency of the United States or a State including:</p> <ul style="list-style-type: none"> • Federal and State-chartered banks. • Savings and loans. • Farm Credit Banks with direct lending authority. • Credit unions. <p>Other non-regulated lending institutions may be approved by the Agency under the criteria of the OneRD Guarantee Loan Initiative regulation.</p> <p>Who may qualify for these guaranteed loans?</p> <ul style="list-style-type: none"> • For-profit or non-profit businesses. • Cooperatives. • Federally recognized Tribes • Public bodies. • Individuals engaged or proposing to engage in a business.
Maximum Award	Dependent on application.
Application Process	<p>Applications are accepted from lenders through USDA local offices year-round. Interested borrowers should inquire about the program with their lender. Lenders interested in participating in this program should contact the USDA Rural Development Business Programs Director in the state where the project is located.</p>
Website	<p>https://www.rd.usda.gov/programs-services/business-programs/business-industry-loan-guarantees/ca</p> <p>Loan Fact Sheet: https://www.rd.usda.gov/sites/default/files/fact-sheet/508_RD_FS_RBS_BIGuarantee.pdf</p>
Contact Information	Contact the local Rural Development office that serves your area.

Timeline for Funding Availability	Applications are accepted from lenders year-round.
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USDA-RD Advanced Biofuel Payment Program	
Application Deadline	Applications are accepted in October of each year. To enroll, a producer must file an application and information by October 31st.
Program Description	This program's goal is to increase the production of advanced biofuels. Any entity that produces and sells advanced biofuel is eligible to apply. An advanced biofuel producer can be an individual, corporation, company, foundation, association, labor organization, firm, partnership, society, joint-stock company, governmental entities, schools and other types of educational facilities, group of organizations, or a nonprofit entity that produces and sells an advanced biofuel.
Eligibility	<p>Eligible advanced biofuels:</p> <ul style="list-style-type: none"> • Must meet the definition of an advanced biofuel in 7 CFR Part 4288.102. • Are a liquid, gas, or solid. • Must be derived from renewable biomass, other than corn kernel starch. • Must be a final product. • Are produced in the United States. • Are ones where the buyers and sellers act independently and have no relationship to each other.
Maximum Award	Producers will be paid on a quarterly basis for the actual quantity of eligible advanced biofuel produced during the quarter. The payment amount depends on the number of eligible producers, the amount of advanced biofuel produced, and the amount of funds available during the fiscal year. There is no minimum or maximum payment.
Application Process	Complete the Advanced Biofuel Payment Program Enrollment Request: https://www.rd.usda.gov/programs-services/energy-programs/advanced-biofuel-payment-program/ca
Website	Program website: https://www.rd.usda.gov/programs-services/energy-programs/advanced-biofuel-payment-program/ca

	Program fact sheet: https://www.rd.usda.gov/sites/default/files/fact-sheet/508_RD_FS_RBS_AdvancedBioFuel.pdf
Contact Information	Contact your State Rural Development Energy Coordinator .
Timeline for Funding Availability	Applications are accepted from lenders year-round.

US Forest Service (USFS) Community Wood Grant Program	
Application Deadline	The 2023 Community Wood Grant Program application period to be announced soon.
Program Description	The Community Wood Grant Program provides funding for grants to install thermally led community wood energy systems or to build innovative wood product manufacturing facilities. The Forest Service expects renewable wood energy systems installed under this program to use the most stringent control technologies. The program places extra emphasis on assisting sawmills in economically challenged areas to retool or add advanced technology.
Eligibility	Eligible applicants are non-profits; local, state, and tribal governments; businesses, companies, corporations (for profit); institutions of higher education; and special purpose districts (public utility districts, fire districts, conservation districts, school districts, and ports.)
Maximum Award	2022 - \$1,000,000
Application Process	Check the USFS Wood Innovations Program website and Federal Grants website for application instructions.
Website	USFS Wood Innovations Program website: https://www.fs.usda.gov/science-technology/energy-forest-products/wood-innovation

	Federal Grants website: https://www.grants.gov/web/grants/view-opportunity.html?oppld=335463
Contact Information	Patrick Rappold, Regional Wood Utilization Specialist Phone: 414-477-9167 Email: patrick.rappold@usda.gov
Timeline for Funding Availability	TBD

Philanthropic Grants

Blooming Prairie Foundation (BPF)	
Application Deadline	The Foundation is pausing grant issuance during 2022. Please check back in January 2023 for updates on future granting options.
Program Description	<p>Memorializing the priorities and values of the Blooming Prairie Cooperative Warehouse, the Blooming Prairie Foundation is a 501(c)(3) organization with a similar ethos - to work to further the health of people, the planet and the cooperative business model by supporting development, research, and educational efforts in the organic industry and the cooperative community. BPF will work to encourage, support, promote and enhance the development of organic and natural products and enhance cooperative development in the natural products industry.</p> <p>Conduct any of the following activities:</p> <ul style="list-style-type: none"> • Developmental, research and education efforts in the organic industry and the cooperative community • The development of organic and natural products or services • Cooperative development in the natural products or organic industry.
Eligibility	organizations that qualify as exempt organizations under section 501(c)(3) of the Internal Revenue Code
Maximum Award	Dependent on application and amount of funding available.

Application Process	http://www.bloomingprairiefoundation.org/apply
Website	http://www.bloomingprairiefoundation.org/grant-information-qualifications
Contact Information	Stephanie Ricketts, Grants Administrator Phone: 608-216-8152 Email: bloomingprairiefoundation@gmail.com
Timeline for Funding Availability	TBD

Clif Family Foundation Operational Support Grant	
Application Deadline	Applications are reviewed three times a year; applications are due at 11:59 pm PST on February 1, June 1, and October 1.
Program Description	This grant supports daily operating costs of 501 (c)(3) non-profit organizations. Priority is given to applicants that: <ul style="list-style-type: none"> • Address two or more of our funding priorities at the same time: <ul style="list-style-type: none"> ○ Strengthen our food system ○ Enhance equitable community health outcomes ○ Safeguard our environment and natural resources • Demonstrate strong community ties. • Operate within viable and clearly defined plans for positive change.
Eligibility	501 (c)(3) non-profit organizations
Maximum Award	Dependent on application and amount of funding available.
Application Process	https://cliffamilyfoundation.submittable.com/submit
Website	https://cliffamilyfoundation.org/grants-program

Contact Information	Email: info@clifffamilyfoundation.org
Timeline for Funding Availability	Applications are reviewed three times a year; the deadlines are February 1, June 1, and October 1. Grants awarded during one cycle will be announced at the beginning of the following cycle.

Additional Support & Technical Assistance

California Statewide Wood Energy Team (SWET)	
Program Description	<p>The California Statewide Wood Energy Team (SWET) is a subgroup of the ad-hoc CA Forest Biomass Working Group. They work directly with wood energy businesses and community-led wood energy projects to provide expertise, technical assistance, and small grants. The team also produces work to effectively develop the California wood energy industry.</p> <p>Through a cooperative agreement between the US Forest Service and The Watershed Research and Training Center, SWET is funded through 2018 to do the following activities:</p> <ul style="list-style-type: none"> • Provide a Network of Wood Energy Expertise for Communities • Conduct Outreach to Communities Interested in Pursuing Wood Energy • Conduct Community Interest Workshops • Research and compile Funding Information • Present the Financial Community with useful resources • Provide free Pre-feasibility Assessments worth \$2,500 • Assist Communities in applying for full Feasibility Assessment • Funding • Help Projects overcome general Barriers
Website	https://ucanr.edu/sites/swet/

California Conservation Corps (CCC) Greenhouse Gas Reduction Fund (GCRF) for Forest Health

Program Description	<p>Greenhouse Gas Reduction Fund (GGRF) monies were appropriated to the CCC to provide formal and on-the-job training and work experience to complete projects that aid in reducing Greenhouse Gas (GHG) emissions.</p> <p>Examples of projects that incorporate formal and on-the-job training and support GHG reduction include, but are not limited to:</p> <ul style="list-style-type: none"> • Fuel Load Reduction: removing dead and dying trees, brush and vegetation to reduce wildfire intensity and rate of spread • Reforestation and Restoration: planting seedlings on deforested land; burned area recovery • Wetland/Riparian Restoration: restoring or enhancing of waterways, mountain meadows and upland habitat • Urban & Community Forestry: increasing the urban tree canopy • Urban Greening: expanding or enhancing of neighborhood parks and community gardens; building non-motorized urban trails
Website	https://ccc.ca.gov/what-we-do/funding-opportunities/ggrf-forest-health/
Contact Information	Project planners seeking to utilize the CCC can contact their nearest CCC center or email the CCC for more information on how to partner with us.

CCC Forestry Corps

Program Description	<p>The Forestry Corps is made up of six CCC crews based at the Chico, Inland Empire, Pomona, Solano, and Tahoe Centers. Forestry Corps members reduce the risk of wildfire by removing hazardous fire fuels, plant trees and seedlings, collect cones and seeds, fell hazard and dying trees, receive arborist training and certifications.</p> <p>The Forestry Corps partners with CAL FIRE, US Forest Service, county agencies, fire safe councils, and others on project work.</p>
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Website	https://ccc.ca.gov/what-we-do/conservation-programs/forest-health/forestry-corps/
Contact Information	Contact your Regional Director: https://ccc.ca.gov/hire-a-crew/

NRCS Innovations in Biochar	
Program Description	Provides information on a Conservation Innovation Grant project called "On-Farm Production and Use of Biochar for Composting with Manure."
Website	https://nrcs.maps.arcgis.com/apps/Cascade/index.html?appid=1ca4e544cf8b4e1fac1fcde6d0e26f91
Contact Information	N/A

Appendix A: Biomass and Sawmill Facility Details by County

Amador County Biomass and Sawmill Facilities

Table 8: Biomass Facilities in Amador County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Buena Vista Biomass Power	Closed	Buena Vista Biomass	Biomass Power Plant	Processing Residuals, Agriculture, Urban, In-Woods Residues	18.5	0	4655 Coal Mine Rd, Ione, CA 95640	Ione	38.27792	-120.913763

There are currently no sawmill facilities in Amador County.

Butte County Biomass and Sawmill Facilities

Table 9: Biomass Facilities in Butte County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Covanta Pacific Oroville Power	Idle	Covanta	Biomass Power Plant	In-Woods Residues, Urban, Agricultural	18	0	305 S 5 th Ave, Oroville, CA 95965	Oroville	39.480996	-121.565567
Mooretown Rancheria BioMAT Project	Active Development	Mooretown Rancheria	Biomass Power Plant	Wood Waste	None	0	1 Alverda Dr. Oroville, CA 95966	Oroville	39.46624093	-121.5218733

Table 10: Sawmill Facilities in Butte County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Sierra Pacific (Oroville)	Operational	Sierra Pacific Industries	Cedar Mill	IC	130	3025 South 5th Ave	Oroville	39.48193681	-121.5632263
Apex Lumber	Operational	Logan Bamford	Sawmill	IC; BO; Madrone		1949 Kusel Rd	Oroville	39.461387	-121.556893

Calaveras County Biomass and Sawmill Facilities

Table 11: Biomass Facilities in Calaveras County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Blue Mountain Power (Wilseyville BioMAT Project)	Active Development	Calaveras Healthy Impacts Products Solutions	Biomass Power Plant	BioChar	3	0	11521 Blocker Drive, Suite 205 Auburn, CA 95603	West Point	38.37751	-120.523977

There are currently no sawmill facilities in Calaveras County.

Colusa County Biomass and Sawmill Facilities

Table 12: Biomass Facilities in Colusa County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
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Wadham Biomass Power	Operational	Wadham Energy LP	Biomass Power Plant	Agricultural	26.5	0	6247 Myers Rd	Williams	39.105574	-	122.110131
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There are currently no sawmill facilities in Colusa County.

Fresno County Biomass and Sawmill Facilities

Table 13: Biomass Facilities in Fresno County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	MW Parasitic	Street Address	City	Latitude	Longitude
Rio Bravo Fresno Biomass Power	Operational	IHI Power 50% North American Power Group 50%	Biomass Power Plant	Agricultural, Urban, In-Woods Residues	28.7	24.3	3.3	3350 S Willow Ave, Fresno, CA 93725	Fresno	36.688823	-119.723405
Madera Power	Idle	Community Renewable Energy Services, Inc	Biomass Power Plant		33	0		11427 Firebaugh, CA 93622	Firebaugh	36.861479	-120.338865
Auberry BioMAT Project	Proposal		Biomass Power Plant			0			Auberry	37.065986	-119.492349
Covanta Mendota Power	Idle	Covanta	Biomass Power Plant		25	0		400 Buillen Parkway	Mendota	36.755903	-120.365273

There are currently no sawmill facilities in Fresno County.

Humboldt County Biomass and Sawmill Facilities

Table 14: Biomass Facilities in Humboldt County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	MW Parasitic	Street Address	City	Latitude	Longitude
Blue Lake Power	Idle	Blue Lake Power Company	Biomass Power Plant	In-Woods Residues, Processing Residuals	13	0		200 Taylor Way	Blue Lake	40.877693	-123.994609
DG Fairhaven	Operational	EWP Renewable Corporation	Biomass Power Plant	Urban; Processing Residuals	18.75	11	1.75		Fairhaven	40.79946	-124.20309
Humboldt Redwood Company Scotia Power*	Operational	Humboldt Redwood Company	Biomass Power Plant	Mill Residue	25	16.8	7	169 Main St, Scotia, CA 95565	Scotia	40.481337	-124.104634

Table Notes: * This facility is a cogeneration facility.

Table 15: Sawmill Facilities in Humboldt County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Schmidbauer Lumber (Eureka)	Operational	Schmidbauer Lumber Incorporated	Large and Small Log Mill	DF	115	839 West Washington St	Eureka	40.79719014	-124.1815646

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Arcata Forest Products	Operational	Bob Figas	Fence Board Mill	RW	45	53 Alder Grove Rd 105 Alder Grove Rd	Arcata	40.901169	-124.071143
North Fork Lumber Company	Operational	Schmidbauer	Small Log Mill	DF	90	91165 Maple Creek Rd	Korbel	40.87184621	-123.9632726
Humboldt Sawmill Company*	Operational	Humboldt Redwood Company (part of the Mendocino Redwood Family of Companies, majority owned by Fisher Family)	Large and Small Log Mill	RW; DF; HF	230	125 Main St	Scotia	40.483615	-124.102748

Table Notes: * This facility is a cogeneration facility.

Imperial County Biomass and Sawmill Facilities

Table 16: Biomass Facilities in Imperial County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Imperial Valley Resource Recovery Power	Idle	Imperial Valley Resource Recovery	Biomass Power Plant		18	0	None	El Centro	32.906602	-115.51372

There are currently no sawmill facilities in Imperial County.

Kern County Biomass and Sawmill Facilities

Table 17: Biomass Facilities in Kern County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
DTE Mt. Poso Cogen*	Operational	DTE Energy Services	Biomass Power Plant	In-Woods Residues, Processing Residuals	45	44	36157 Famoso Rd	Bakersfield	35.576448	-119.005818
Covanta Delano Power	Idle	Covanta	Biomass Power Plant		58	0	Pond Road 31500, Delano, CA 93215	Delano	35.719097	-119.234588

Table Notes: * This facility is a cogeneration facility.
There are currently no sawmill facilities in Kern County.

Lake County Biomass and Sawmill Facilities

Table 18: Biomass Facilities in Lake County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Red Rock Biofuels	Active Development	Red Rock Biofuels	Liquid Fuel		17.5	0		Lakeview	42.163105	-120.349209

There are currently no sawmill facilities in Lake County.

Lassen County Biomass and Sawmill Facilities

Table 19: Biomass Facilities in Lassen County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Honey Lake Power	Operational	Greenleaf Power Inc	Biomass Power Plant	In-Woods Residues, Urban, Processing Residuals	32	24	732-025 Wendel Road, Wendel, CA 96136	Wendel	40.368492	-120.264999

There are currently no sawmill facilities in Lassen County.

Madera County Biomass and Sawmill Facilities

Table 20: Biomass Facilities in Madera County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Chowchilla II Biomass Power	Operational	Akeida Capital	Biomass Power Plant		12.5	10	16457 Avenue 24 ½ Chowchilla, CA 93610	Chowchilla	37.107146	-120.248871
North Fork Community Power	Active Development	North Fork Community Development Council	Biomass Power Plant		2	0		North Fork	37.231861	-119.494599

There are currently no sawmill facilities in Madera County.

Mariposa County Biomass and Sawmill Facilities

Table 21: Biomass Facilities in Mariposa County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Mariposa BioMAT Project	Active Development	Mariposa Biomass Project	Biomass Power Plant		2.4	0		Mariposa	37.505994	-120.012666

There are currently no sawmill facilities in Mariposa County.

Mendocino County Biomass and Sawmill Facilities

Table 22: Biomass Facilities in Mendocino County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Round Valley BioMAT Project	Proposal		Biomass Power Plant			0		Covelo	39.80247641	-123.2495589
Branscomb BioMAT Project	Proposal		Biomass Power Plant			0		Branscomb	39.65483903	-123.6251896

Table 23: Sawmill Facilities in Mendocino County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Conrad Forest Products	Operational	Conrad Forest Products	Sawmill	DF; RW		650 Hollow Tree Rd	Ukiah	39.17958875	-123.2036368

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Mendocino Forest Products (Ukiah)	Operational	Mendocino Forest Products Co, LLC	Sawmill	RW; HF; DF		850 Hollow Tree Rd, 2801 N State St, 5375 N State St	Ukiah	39.183738	-123.203868

Merced County Biomass and Sawmill Facilities

Table 24: Biomass Facilities in Merced County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Ortigalita Power (Merced)	Operational	Ortigalita Power Co.	Biomass Power Plant	Agricultural	1	0	3227 Beachwood Dr	Merced	36.979552	-120.870087
Merced Power	Operational	Global Ampersand	Biomass Power Plant		12.5		30 W Sandy Mush Rd, Merced, CA 95341	El Nido	37.186982	-120.490162

There are currently no sawmill facilities in Merced County.

Nevada County Biomass and Sawmill Facilities

Table 25: Biomass Facilities in Nevada County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Nevada County BioMAT Project	Active Development	Nevada County	Biomass Power Plant		3	0		Nevada City	39.26364317	-121.0133516

There are currently no sawmill facilities in Nevada County.

Placer County Biomass and Sawmill Facilities

Table 26: Biomass Facilities in Placer County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	MW Parasitic	Street Address	City	Latitude	Longitude
Rio Bravo Rocklin Biomass Power	Operational	IHI Power 50% North American Power Group 50%	Biomass Power Plant	In-Woods Residues, Urban	27.3	24.4	2.9	3100 Thunder Valley Court, Lincoln, CA 95648	Rocklin	38.831829	-121.313601
Sierra Pacific Lincoln Biomass Power*	Operational	Sierra Pacific	Biomass Power Plant	In-Woods Residues, Processing Residuals	19.2	11		1445 State Highway 65, Placer, CA 95648	Lincoln	38.902678	-121.309604

Table Notes: * This facility is a cogeneration facility.

Table 27: Sawmill Facilities in Placer County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Sierra Pacific (Lincoln Division)*	Operational	Sierra Pacific Industries	Sawmill	PP; SP; WF; DF; IC	350	1445 California 65	Lincoln	38.90448023	-121.3070281

Table Notes: * This facility is a cogeneration facility.

Plumas County Biomass and Sawmill Facilities

Table 28: Biomass Facilities in Plumas County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Collins Pine Biomass Power*	Operational	Collins Companies	Biomass Power Plant	Processing Residual, In-Woods Residues	12	0	500 Main Street, Plumas, CA 96020	Chester	40.302842	-121.244088
Sierra Pacific Quincy Biomass Power*	Operational	Sierra Pacific	Biomass Power Plant	In-Woods Residues, Processing Residuals	27.5	16	1536 Lee Road, Plumas, CA 95971-9687	Quincy	39.940962	-120.909161
Crescent Mill BioMAT Project	Active Development		Biomass Power Plant			0		Crescent Mills	40.09576776	-120.9081135
Plumas County Health and Human Services Center	Operational	Sierra Institute	Thermal		0.65	0	270 County Hospital Road, Suite 207, Quincy, CA 95971	Quincy	39.951443	-120.965536

Table Notes: * This facility is a cogeneration facility.

Table 29: Sawmill Facilities in Plumas County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Collins Pine (Chester)	Operational	Collins Pine Company	Sawmill	WF; PP; DF; SP; IC	130	500 Main St	Chester	40.30330794	-121.2413703
Sierra Pacific (Quincy Division)*	Operational	Sierra Pacific Industries	Large & Small Log Mill	PP; WF; DF; SP	300	1538 Lee Rd	Quincy	39.93866858	-120.9112616

Table Notes: * This facility is a cogeneration facility.

Riverside County Biomass and Sawmill Facilities

Table 30: Biomass Facilities in Riverside County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	MW Parasitic	Street Address	City	Latitude	Longitude
Greenleaf Desert View Power	Operational	Greenleaf Power (Recycled Energy Development)	Biomass Power Plant	Urban, Agricultural	47	44	3	62-300 Gene Welmas Drive, Riverside, CA 92254-0758	Mecca	33.586491	-116.087907

There are currently no sawmill facilities in Riverside County.

San Joaquin County Biomass and Sawmill Facilities

Table 31: Biomass Facilities in San Joaquin County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
DTE Stockton Biomass Power*	Operational	DTE Energy Services	Biomass Power Plant	Urban, Agricultural	50	45	2526 W Washington Street, Stockton, CA 95203	Stockton	37.943945	-121.330053
Tracy Biomass Power	Idle	Greenleaf Power	Biomass Power Plant		23	0		Tracy	37.719987	-121.488451

Table Notes: * This facility is a cogeneration facility.

There are currently no sawmill facilities in San Joaquin County.

Santa Cruz County Biomass and Sawmill Facilities

There are currently no biomass facilities in Santa Cruz County.

Table 32: Sawmill Facilities in Santa Cruz County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Big Creek Sawmill	Operational	Big Creek Lumber Company (privately owned family company)	Sawmill	RW; DF		3564 California 1	Davenport	37.090154	-122.273326

Shasta County Biomass and Sawmill Facilities

Table 33: Biomass Facilities in Shasta County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Burney Forest Products*	Operational	Olympus Power	Biomass Power Plant	In-Woods Residues, Processing Residuals	31.2	29	35586-B State Highway 299 East	Burney	40.879724	-121.720406
Covanta Burney Mtn. Power	Idle	Covanta	Biomass Power Plant	In-Woods Residues, Processing Residuals	11	0	Hwy 299 East and Energy Drive Burney, Shasta Co. CA 96013-2375	Burney	40.909703	-121.639961
Sierra Pacific Burney Biomass Power*	Operational	Sierra Pacific	Biomass Power Plant	In-Woods Residues, Processing Residuals	20	14	36336 CA-299, Burney, CA 96013	Burney	40.876759	-121.701845
Bioenergy Cluster Project	Proposal	Tubit Enterprises	TBD	-	-	0	-	Burney	40.896061	-121.649039
Shasta Renewable*	Idle	Shasta Renewable Resources/ White Oak	Biomass Power Plant	-	7.2	0	6309 State Highway 273,	Anderson	40.473227	-122.328937

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
		Management					Anderson, CA 96007			
Sierra Pacific Anderson Biomass Power II*	Operational	Sierra Pacific	Biomass Power Plant	In-Woods Residues, Processing Residuals	30.15	17	19758 Riverside Avenue, Anderson, CA 96007-4908	Anderson	40.47185	-122.324034
Wheelabrator Shasta Energy	Operational	Shasta Energy Company	Biomass Power Plant	Agricultural, Urban, In-Woods Residues	54.9	34	20811 Industry Rd	Anderson	40.429592	-122.278243
Burney - Hat Creek BioMAT	Active Development	Hat Creek Construction	Biomass Power Plant	-	3	0	-	Hat Creek	40.988223	-121.621177

Table Notes: * This facility is a cogeneration facility.

Table 34: Sawmill Facilities in Shasta County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Sierra Pacific (Anderson Division)*	Operational	Sierra Pacific Industries	Sawmill	DF; HF; SP	-	19758 Riverside Avenue, Anderson, CA 96007-4908	Anderson	40.471498	-122.320991

Alta California Roundwood	Operational	Allotrope Partners	Firewood	PP 50; DF 30; WF 20	10	19195 Latona Rd	Anderson	40.484703	-122.345292
Shasta Green Sawmill	Operational	Dianne and Gary Franklin	Small Log Mill	PP 60; WF/RF 30; DF/IC 10	60	35586 California 299	Burney	40.8782226	-121.7266623
Sierra Pacific Industries (Burney Division)*	Operational	Sierra Pacific Industries	Small Log Mill	WF 37; PP/SP 49; DF 11; SP 3	180	36336 California 299	Burney	40.876365	-121.701786
Sierra Pacific (Redding Division)	Operational	Sierra Pacific Industries	Large Log Mill	DF; WF; PP; SP; IC	-	3735 El Cajon Ave	Shasta Lake	40.675837	-122.380149

Table Notes: * This facility is a cogeneration facility.

Sierra County Biomass and Sawmill Facilities

Table 35: Biomass Facilities in Sierra County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	MW Parasitic	Street Address	City	Latitude	Longitude
Sierra Valley Enterprises, LLC (Loyalton)	Idle	Sierra Valley Enterprises, LLC	Biomass Power Plant	Urban, In-Woods Residues, Agricultural	20	13	1.5	100 S. Rail Rd Ave	Loyalton	39.669937	-120.239409

There are currently no sawmill facilities in Sierra County.

Siskiyou County Biomass and Sawmill Facilities

Table 36: Biomass Facilities in Siskiyou County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Cal Forest Nursery Gasifier*	Operational	Tom Jopson, Growpro, Inc.	Biomass Power Plant	Poles	0.07	0	1838 Eastside Rd, Etna, CA 96027	Etna	41.475178	-122.829037
Roseburg Forest Products Biomass Power*	Operational	Roseburg	Biomass Power Plant	In-Woods Residues, Processing Residuals	15	12	Po Box 680 98 Mill Street Weed, California, 96094	Weed	41.434612	-122.377895
Timber Products Veneer (Yreka)	Operational	Timber Products	Thermal	-	-	0	130 N Philippe Ln, Yreka, CA 96097	Yreka	41.731738	-122.589835

Table Notes: * This facility is a cogeneration facility.

Table 37: Sawmill Facilities in Siskiyou County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Timber Products Company (Yreka)	Operational	Timber Products Company	Peeler Mill	DF 40; RF/WF 45; SP 15	70	130 N. Phillipe Ln	Yreka	41.737758	-122.593349
Roseburg Forest Products Veneer Mill	Operational	Roseburg Forest Products	Peeler Mill	HF; DF	-	98 Mill St	Weed	41.43245271	-122.3794955

Sonoma County Biomass and Sawmill Facilities

There are currently no biomass facilities in Sonoma County.

Table 38: Sawmill Facilities in Sonoma County

Name	Status	Owner	Facility Type	Feedstock Type	Street Address	City	Latitude	Longitude
Berry's Sawmill, Inc.	Operational	Bruce Berry	Small Production Mill	RW; DF; HF	23640 Highway 116	Cazadero	38.46454832	-123.0410353
Redwood Empire (Cloverdale Sawmill)	Operational	Redwood Empire, Inc.	Sawmill	RW; HF	31401 McCray Rd	Cloverdale	38.820891	-123.018623
Redwood Empire (Asti)	Operational	Redwood Empire	Fence Board Mill	RW	26800 Asti Rd	Asti	38.766782	-122.991567

Stanislaus County Biomass and Sawmill Facilities

Table 39: Biomass Facilities in Stanislaus County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Central Valley Ag Grinding*	Active Development	Central Valley Ag Grinding	Biomass Power Plant	Agricultural, In-Woods Residues	1	0	5707 Langworth Rd, Oakdale, CA 95361	Oakdale	37.718988	-120.895545

Table Notes: * This facility is a cogeneration facility.

There are currently no sawmill facilities in Stanislaus County.

Trinity County Biomass and Sawmill Facilities

There are currently no biomass facilities in Trinity County.

Table 40: Sawmill Facilities in Trinity County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Trinity River Lumber (Weaverville)	Operational	Frank Schmidbauer	Large & Small Log Mill	DF 50; WF 50	160	1375 Main St	Weaverville	40.72493045	-122.9306377

Tulare County Biomass and Sawmill Facilities

Table 41: Biomass Facilities in Tulare County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Dinuba Energy	Idle	Community Renewable Energy Services, Inc	Biomass Power Plant	Processing Residuals, Agricultural, Urban	12	0	6801 Ave 430, Reedley, CA 93654	Dinuba	36.569581	-119.418984
Sierra Biomass Power Corp.*	Idle	Sierra Forest Products	Biomass Power Plant	Processing Residuals	9.5	0	-	Terra Bella	35.953929	-119.046308

Table Notes: * This facility is a cogeneration facility.

Table 42: Sawmill Facilities in Tulare County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Sierra Forest	Operational	Hamacher Trust/	Sawmill	WF; PP; IC; SP	-	9000 Rd 234	Terra Bella	35.95409644	-119.0489178

Products (Terra Bella)		Duysen Family							
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Tuolumne County Biomass and Sawmill Facilities

Table 43: Biomass Facilities in Tuolumne County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Pacific Ultrapower Chinese Station Power	Operational	IHI Power Services Covanta (55%), IHI Power Generation Corp. (45%)	Biomass Power Plant	In-Woods Residues, Agricultural	22	18	8755 Enterprise Dr, Jamestown, CA 95327	Jamestown	37.874644	-120.477546
California Wood Shavings Biomass Dryer	Operational	American Wood Fiber	Thermal	-	-	-	12015 La Grange Rd	Jamestown	37.838344	-120.5064
Sierra Pacific Sonora Standard Biomass Power*	Operational	Sierra Pacific	Biomass Power Plant	In-Woods Residues, Processing Residuals	7.5	2	14980 Camage Avenue Sonora, CA 95370-9287	Sonora	37.965999	-120.318
Sierra Energy BioMAT project	Proposal	-	Biomass Power Plant	-	-	0	-	Chinese Camp	37.87842	-120.45625

Table Notes: * This facility is a cogeneration facility.

Table 44: Sawmill Facilities in Tuolumne County

Name	Status	Owner	Facility Type	Feedstock Type	Employees	Street Address	City	Latitude	Longitude
Sierra Pacific (Chinese Camp)	Operational	Sierra Pacific Industries	Sawmill	IC; WF	-	14333 Perricone Rd	Chinese Camp	37.88282739	-120.4536966
Sierra Pacific (Sonora)	Operational	Sierra Pacific Industries	Sawmill	DF; HF; IC; PP; SP	-	14560 Tuolumne Rd	Sonora	37.96333505	-120.3174788

Yolo County Biomass and Sawmill Facilities

Table 45: Biomass Facilities in Yolo County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Dixon Ridge Farms Gasifier Power Pilot*	Pilot	Dixon Ridge Farms	Biomass Power Plant	Agricultural	0.025	0	-	Winters	38.524353	-121.903077
DTE Woodland Biomass Power	Idle	DTE Energy Services	Biomass Power Plant	In-Woods Residues, Urban, Agricultural	25		1786 East Kentucky Ave	Woodland	38.691304	-121.737132
West Biofuels Gasifier Pilot	Idle	West Biofuels	Biomass Power Plant	-	0.5	0	-	Woodland	38.721719	-121.7544

Table Notes: * This facility is a cogeneration facility.

There are currently no sawmill facilities in Yolo County.

Yuba County Biomass and Sawmill Facilities

Table 46: Biomass Facilities in Yuba County

Name	Status	Owner	Facility Type	Feedstock Type	MW Nameplate	MW Grid	Street Address	City	Latitude	Longitude
Forest Biomass Business Center Bioenergy Facility	Active Development	Camptonville Community Partnership	Biomass Power Plant	-	5	0	S of Marysville Rd and Oregon Hill Rd	Camptonville	39.366573	-121.165208

There are currently no sawmill facilities in Yuba County.