



CAMPTONVILLE FOREST BIOMASS BUSINESS CENTER

**PREPARED BY
CAMPTONVILLE COMMUNITY PARTNERSHIP**

OUR FOREST BIOENERGY TEAM

- **Cathy LeBlanc, CCP Executive Director**
 - **Lindsey Nitta, Camptonville FBBC Project Manager**
 - **Allison Thomson, Yuba Watershed Forest Collaborative**
 - **Greg Stangl, Phoenix Energy Project Developer**
 - **Christiana Darlington, CLERE Legal Support**
- **Camptonville Community Partnership (CCP), is a community-driven non-profit located in the Yuba County foothills.**
 - ***Rural People Working for a Safe Sustainable and Healthy Community***
 - **CCP's success will mean more resilient forests across the region, clean, reliable water for thousands of downstream users & wildlife, and boost the region's economy.**



OUR PARTNERS

Yuba Water Agency	District
Soper-Wheeler Company	UC Davis - California Biomass Collaborative
Yuba County Watershed Protection and Fire Safe Council	Nevada County Biomass Task Force
Yuba County Board of Supervisors	Fire Safe Council of Nevada County
Yuba-Sutter Economic Development Corporation	Private timber industry
University of California Cooperative Extension	Bear-Yuba Land Trust
USFS Tahoe NF & Plumas NF	South Yuba River Citizens League
Sierra Nevada Conservancy	Yuba Watershed Institute
National Forest Foundation	Forest Issues Group
Center for Sustainable Energy	Sierra Forest Legacy
Sierra Institute for Community & Environment	Senator Jim Nielsen
Statewide Wood Energy Team (SWET)	Assemblyman James Gallagher
Blue Forest Conservation	Biomass Working Group (BWG)
Camptonville Community Services	Camptonville Community
	Camptonville School



2012

CCP steps up and takes on the effort to build a bioenergy facility in Camptonville

2014-2015

- Site specific feasibility study
- Formation of Steering Committee
- Economic Development Plan

2016-2017

- Select project developer
- Receive EPIC Grant

2018

- System Impact Study
- Site plan
- Conditional Use Permit/CEQA

2019

- Obtain Interconnection Study
- Received DOC, WIG, and SNC Grant
- Land Lease Finalized
- Increase facility to 5MW

2020

- Obtain PPA
- Secure Fuels Contracts
- Financing

2020/2021

- Construction Begins
- FBBC Site Prep and Marketing

PROJECT HISTORY

PROJECT BENEFITS

Catastrophic Wildfire Prevention

Increase public safety and protect environmental health

Economic Boost

Create over 22 jobs and cutting the local unemployment rate by more than 50%.

Improve Air Quality

Using forest biomass to make energy and other products avoids uncontrolled air emissions

Establish a Replicable Model for Biomass Utilization

Energy Reliability

Generate and export 5MW of renewable electricity

HOW IT WORKS

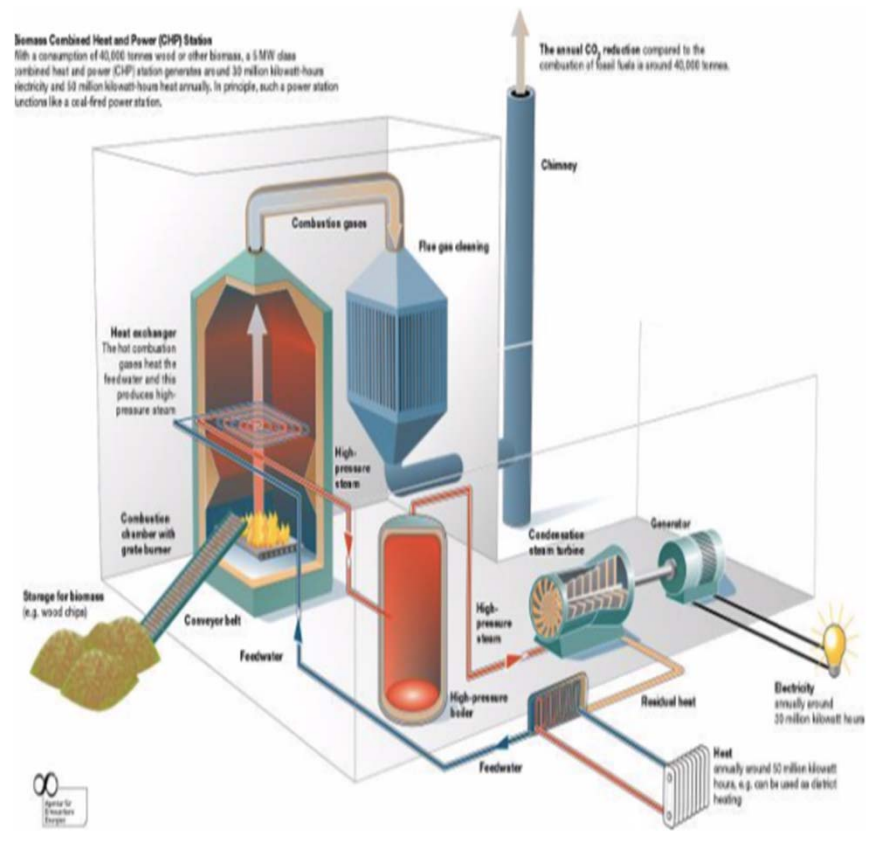


FROM THE BIOMASS TO ENERGY

Camptonville's bioenergy facility will utilize non-merchantable timber to convert and sell clean sustainable energy to PG&E.

The plant will integrate advanced emissions controls and a state-of-the-art low water use condenser. The bioenergy facility will have:

- Combined Heat and Power
- Direct Combustion Boiler
- Steam Turbine Advance Technology
- Air Emission Technology & Low Water Use Condenser



RECENT HIGHLIGHTS

KEY ACCOMPLISHMENTS

- Awarded four new grants with key partners
- Increased the Size of the Facility from 3MW to 5MW
- Secured CEQA CUP
- Interconnection Study Completed

Current Grants

CCP has experienced recent success with securing grants for the Project. In 2019, through the support of the YWA grant, CCP has secured four new grants including 2019 Wood Innovation Grant, Department of Conservation Watershed Coordinator Grant, Sierra Nevada Conservancy Timber Regulation and Forest Restoration Fund, and secured the contract for the California Energy Commission EPIC Grant.

Total Funded

Through grants, CCP has fundraised at **total of \$6,158,858 for the Camptonville FBBC**. This total includes the recent accomplishment of securing the California Energy Commission EPIC grant, which brings \$4,999,000 in funding for equipment, engineering and project management.

INTERSECTION STUDY COMPLETED

Received the Final Report

- Request for report was submitted by Phoenix Energy and took over 6 months to complete

Provides Costs to Tie Into the Grid

- CCP and team were able to successfully negotiate costs down from over \$4 M to \$1.79M

Allows Us to Enter the Queue

- The queue allows us to secure a power purchase agreement with PG&E which is the official 20 year contract to sell power to PG&



LOOKING AHEAD

2019 / 2020

- Finalize Business Plan and Operations
- Hire EPC Contractor
- Engineering and Design Begins
- Update PPR to BioMAT Queue for the Gellerman site

2020

- Secure Purchase Power Agreement
- Finalize Ownership and Financing
- Secure Feedstock Contracts
- Pre-Construction Permitting & Studies

2021 / 2022

- Construction Begins
- Secure co-located businesses
- Late 2022/Early 2023 - Construction Complete & Power Generation Begins!

WHAT'S NEXT



- **Get the project into the Queue**
- **Select EPC**
- **Secure feedstock contracts**
- **Obtain a PPA**
- **Financing**
- **Site Prep for Co-Located Businesses**

FOR MORE INFORMATION CONTACT PROJECT MANAGER LINDSEY NITA lindsey@theccp.org