

A scenic landscape featuring a wide river in the foreground, a dense forest of evergreen trees on the banks, and misty mountains in the background. The entire scene is overlaid with a soft teal-to-blue gradient, creating a serene and atmospheric effect.

South Fork of the American River Collaborative

EDC/SOFAR Biomass Utilization-Potential Projects

Purpose:

Advance biomass utilization projects within El Dorado County to decrease woody fuel loads and catastrophic wildfires, improve watershed health, utilize a renewable energy resource, promote clean energy and improved air quality, and stimulate job growth.

- Business Plan / Strategic Plan for Biomass Utilization
- Black Oak Mine Unified School District (BOMUSD)
- Biomass Facility & Wood Products Campus in Camino
- El Dorado Disposal (EDD)
- El Dorado Northern Mill
- Grizzly Flat Restoration/Recovery
- Mobile Biomass to Energy Technology
- Sierra-at-Tahoe Ski Resort
- SMUD
- South Tahoe Refuse (STR)

Mobile Biomass to Energy Technology

Project Area: Caldor Burn Area

- Gold Seal Inc. technology
- Obtained permit to construct by EDC Air Quality Management District
- Pilot project to begin first quarter of 2024
- Deployment of additional units to follow

Black Oak Mine Unified School District

Three Components

- Energy
- Environment
- Education

Energy

- Wisewood Partner
 - modular wood gasification technology
- An always-on renewable resource
- Microgrid

Environment

- Wildfire risk
- Active projects to minimize risk
- Residual material from projects to provide feedstock

Education

- Diminishing Forest Sector Workforce
- Learn adaptive strategies in the context of climate change
 - wildfire reduction strategies
 - alternatives to fossil fuels
 - forest residual recycling
- Workforce Development Pipeline
 - Career Technical Education
 - Woodworking program
 - Renewable Energy Program