BIOMASS, BOILER, & POWER GENERATION

Snowflake White Mountain Power
- Paper mill sludge & wood-fired 200,000 PPH 850 PSIG / 750°F BFB boiler
- Truck dump unloading system
- Hog fuel stack-out & over-pile reclaim system
- Paper mill sludge pressing & conveying
- Boiler feed system
- 25 MW generator
- Cooling towers

Timber Products
- Feasibility study for plant conversion

Wood Pellets
- Various feasibility studies for plant conversion
- Detail plant engineering

Aurora Energy
- Coal-fired power plant evaluation
- New ID fans & baghouse

Biomass Products LLC
- Developed biomass plant bidding information for 25 MW plant
- Site work design

Boise Cascade
- Waste wood conveying
- Bark hog installation
- Hog fuel storage & conveying systems
- Under-pile reclaim

Charcoal Manufacturing
- Bark storage & reclaim
- Truck dumps
- Screening system
- Conveying systems

Champion International
- Hog fuel storage & conveyors
- Stoker reclaim

Dow Corning (Globe Metallurgical)
- Hog fuel conveying system

EW Corporation
- Fuel handling systems

Georgia-Pacific - Monticello MDF
- Energy systems design

Green Energy
- 7.5 MW biomass-to-energy plant design

Trus Joist
- Truck unloading system
- Conveying systems
- Under-pile reclaim system
- Hog fuel boiler feed system

Simpson Timber
- Hog fuel conveyors
- Bark hog installation

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Smurfit (SP Newsprint)
- Modified hog fuel feed system to 250,000 PPH boiler
- Modifications to truck dump & hopper

Timber Management, LLC
- Biomass plant feasibility study

International Paper
- Complete hog fuel system for bark-fired 120,000 PPH boiler

Marubeni Sustainable
- Power plant permitting

Murphy Plywood
- Hog fuel reclaim system
- Dry / wet fuel mixing system

Rosboro Lumber
- Bark hog metering controls

Weyerhaeuser
- Package boiler fuel systems

Southwest Forest Products
- Hog fuel conveying
- Bark hog installation
- Storage & reclaim design
- Boiler feed system

Chow II
- Assisted general contractor with installation of sizing system for biomass wood processing in power plant woodyard

Thompson River
- 16.5 MW/130,000 PPH steam cogeneration plant design
- Combination coal & wood waste
- Turbine island & cooling tower design

El Nido
- Assisted general contractor with installation of sizing system for biomass wood processing in the woodyard of the power plant

Imperial Valley Resource Recovery
- 18 MW power plant redesign
- Assisted general contractor with details for equipment design
- Provided start-up assistance