

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

Wood Pellets

- ▶ Various Feasibility Studies for Plant Conversion
- ▶ Detail Plant Engineering

Aurora Energy

- ▶ Coal Fired Power Plant Evaluation
- ▶ New ID Fans & Baghouse

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

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Simpson Timber

- ▶ Hog Fuel Conveyors
- ▶ Bark Hog Installation

Smurfit (SP Newsprint)

- ▶ Modified Hog Fuel Feed System to 250,000 PPH Boiler
- ▶ Modifications to Truck Dump & Hopper

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

Thompson River

- ▶ 16.5 MW/130,000 PPH Steam Cogeneration Plant Design
- ▶ Combination Coal & Wood Waste
- ▶ Turbine Island & Cooling Tower Design



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