

# WOOD RESIDUALS

## Project Examples

### Charcoal Manufacturing

- ▶ Bark Storage & Reclaim
- ▶ Truck Dumps
- ▶ Screening System
- ▶ Conveying Systems

### Champion International

- ▶ Conceptual and Preliminary Engineering
- ▶ Conversion to Industrial Particleboard

### Flakeboard Ltd. – MDF & Particleboard

- ▶ Raw Material Screenroom
- ▶ Milling System
- ▶ Fiber Capacity Improvements

### Georgia-Pacific Corporation

- ▶ Total Plant Engineering & Environmental Permitting for a Greenfield MDF Plant
- ▶ Revitalization of Entire Production Line
- ▶ Greenend Upgrade
- ▶ Pneumatic Wood Handling Systems
- ▶ Greenend Modernization
- ▶ Wood Storage and Distribution System
- ▶ Warehouse and Loading

### Green Energy

- ▶ Design for 7.5 MW Biomass Electric Power Generation Plant

### SierraPine Particleboard

- ▶ Raw Material Storage, Pre-sizing, and Distribution System
- ▶ Concept Development and Material Balance for Plant Build-out
- ▶ Title V Permit Application
- ▶ Sander dust System Modernization Conceptual Engineering



### 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
- ▶ Boiler Feed System
- ▶ 25 MW Generator
- ▶ Cooling Towers

### Thompson River Power

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

### Wood Pellets

- ▶ Complete Detail Plant Engineering
- ▶ Feasibility Studies for Plant Conversions



## EVERGREEN ENGINEERING

Eugene, Oregon (541) 484-4771 • Fax (541) 484-6759  
Hillsboro, Oregon (503) 439-8777 • Fax (503) 439-8767

[www.evergreenengineering.com](http://www.evergreenengineering.com)