



CUSTOMER CASE STUDY

Colombo Energy – Pellet Plant Wood Yard

Company:

Colombo Energy (Portucel)

Location:

Greenwood, South Carolina

Date of Completion:

Fall 2016

Description:

BRUKS Rockwood was selected to engineer and install a complete wood yard system for Colombo Energy at Greenwood, South Carolina. The system integrates a Drum Chipper, Back-on Truck Dumper, Circular Blending Bed Stacker Reclaimer and green grind Hammer Mills. Trucks of southern yellow pine trees are received and placed onto the log deck to begin the debarking and chipping process. A 75' truck dumper with hopper was added for purchased chips or an addition option during maintenance of the log line. The wood chips are stacked and stored using a circular blending bed stacker reclaimer in a max 1,000,000 cubic foot pile. The circular blending bed stacker reclaimer uses a traversing harrow to agitate the pile and evenly feed the screw reclaimer under a bridge that travels on wheels. This process creates a true first-in and first-out reclaiming of the wood chips. The wood chips are then reclaimed and conveyed to the hammermills for secondary sizing. Bark is conveyed to a hydraulic stoker floor and reclaimed into the process.

