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2 x 157,000 PPH BIOMASS BOILERS

Two (2) Foster Wheeler travelling stoker grate boilers, each Generates 157,000 PPH steam at 1500 psig @ 950 deg f. Boiler built 1986 and New fuel handling system installed 2006 to operate the boiler on biomass and plant is generating rated power output.

Following average fuel BTU' used 12,500 btu/lb

waste wood: 6,000 btu/lb

waste tire: 15,000 btu/lb

Plant boiler with Fuel handling system, water system, bag house, stack.



Grate Drive



Furnace Front Boiler B



Penthouse Boiler A



Boiler Penthouse Hangers
Boiler B



Primary/ Secondary Superheater



Primary/Secondary Superheater



Stoker Boiler A



Furnace Wall Boiler A



Truck Dump Receiving



Receiving Reclaimer



Conveyor to Active Reclaimer



Active Reclaimer



Main conveyors to A & B



Feedwater Pumps