

Blackburn Meadows

Client: Andritz
Location: Sheffield, UK
Start Date: 2014/2015

Outline Scope:

- Installation of all Structural Steelwork
- Pressure Parts (up to the Turbine TP)
- Balance of Plant



Client Overview

The 30MW renewable energy plant will produce enough power for around 40,000 homes by converting recycled waste wood into electricity. It also uses combined heat and power, which is a more efficient process that allows the low grade heat to be captured when the electricity is generated. Traditionally this heat would have been wasted, but it will now be used in a district heating scheme to provide heat to a variety of customers.

Project Scope

PJD were awarded the new build project by ANDRITZ in 2014. Our Scope of Work being the installation of all Structural Steelwork, Pressure Parts (up to the Turbine TP) and Balance of Plant.

Our Results

What was a challenging project from the start (free issue deliverables), PJD deployed a full management team, committing in excess of 100 mix trades to the project. The project commenced with the installation of 2000T of Structural Steelwork. In parallel the Boiler Wall Panels were assembled in readiness for the forthcoming installation. Working with the client our Piping and Structural teams systematically went about the installation of all:

- Boiler Wall Panels
- Pipe Systems
- Economiser
- Superheater
- Ducting
- Silos
- Feed Systems
- Ash Removal System

Working in conjunction with the Commission Team PJD carried out the successful completion and handover of the plant. Safely, on time and to the highest standards.

