



Sleaford Biomass Plant



Background

Sleaford Renewable Energy Park is a Straw Fired Power Station in Lincolnshire. This will provide 40MW renewable energy in base load operation. BWSC and BWE worked as a consortium to build this for EC02, the output power is the equivalent of heating 65,000 homes and will save 230,000 tonnes of CO2 per annum. The Sleaford REP project was runner up in the Renewable Energy Associations Project awards 2012.



Project details

- Client: BWSC (Burmeister & Wain)
- Straw Fired 40MWe Renewable Power Plant
- Sleaford Lincolnshire
- Advanced Steam Boiler Plant

Scope of work

- Design, fabrication and Installation of Fabric Filter Units. <math><10\text{mg}/\text{Nm}^3</math> Dust
- Design, Fabrication and Installation of SCR Tower Unit. <math><50\text{mg}/\text{Nm}^3</math> NO_x
- Material handling plant design and installation
- Structural steel, Walkways and Platform design, supply and installation
- Design, Fabrication and Installation of Lime Injection Silo's and auto systems. <math><300\text{mg}/\text{Nm}^3</math> HCl / <math><100\text{mg}/\text{Nm}^3</math> SO₂
- Complete on-site Installation and testing Including all pipework and EC&I
- Complete HSE Management and Controls
- Project CDM Management
- Quality controls and Life time records

Project timeline

