

# Powerhire

# Temporary Generator for Local Biomass Power Plant



**A new £118 million large scale biomass power plant has been constructed at Ridham Dock in Sittingbourne, Kent. The power plant, which opened in Spring 2015, produces environmentally friendly energy using old and waste wood as fuel to generate electricity and usable heat.**

It has a net capacity of 23 megawatt of power, generating almost 188million kilowatt-hours of green electricity a year for the national grid.

## Client

Recycling Company

## Project Specifications

Temporary Generator Power for machinery for wood chippings for Environmentally Sustainable Power Plant

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**The Ridham Dock power plant requires an annual capacity of 172,000 tonnes of timber. The Company that have been contracted to provide this sustainable source of energy from the surrounding region are their industrial neighbours and one of the leading Recycling Companies in the South & East of England. They have been commissioned to provide the required timber in the form of wood chippings. This Company already has a dedicated wood recycling facility at Ridham Dock.**



This site produces a range of market-ready shredded wood including EU directive EN 14961-1 quality assured Grade A and Grade C bespoke biomass fuels for the energy market, which makes them ideally suited to meet the requirements of the new biomass power plan.

However, in order to commission the use of some new specialist crushing & chipping machinery they required additional power to site and requested the assistance of their usual temporary generator power providers, Powerhire. Once contacted, Powerhire's dedicated Technical Sales Manager for this Recycling Company went to site to specify the most efficient size temporary generator for the requested hire period for the daily running time of the new machinery.

Powerhire recommended and delivered a 500kVA temporary generator, fuel tanks and the necessary cabling for connection for the successful two month power hire period.

**Cable Hire**

**Generator Hire**

**Fuel Tank Hire**

**Load Bank Hire**

**Distribution Hire**

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