



Lynemouth Power (LPL)– Provision of Operation and Maintenance Services at Port of Tyne

Overview

LPL located in Northumberland, England owns and operates a 420 MW coal fired power station and has been working with Contractors to design a technical solution for a full conversion of the power plant to run on wood pellet biomass. LPL received clearance from the European Commission on 1st December 2015 for its supporting Contract for Difference from the UK government. Post conversion, the power station will generate about 2.3 TWh of low carbon electricity per year. The power station will operate at baseload, thus providing dispatchable low-carbon electricity.

A critical element of the conversion project is the design, build and operation of a facility at the Port of Tyne that gives LPL the infrastructure to unload up to 1.8m tonnes of biomass wood pellets per annum and includes 3 storage silos totalling ~75k tonnes, a rapid rail loading system, as well as 1.4km of conveyors connecting the berth to the silos and rapid rail loaders.

Hargreaves were successful in winning the contract to operate and maintain this facility, on completion of its construction.



Aims and Objectives

Hargreaves are responsible for the safe running of the operation at the Port of Tyne from the quay side conveyor, through the storage in the silos, the loading of the rail wagons, as well as the cleaning, upkeep, repair and maintenance of LPL's entire infrastructure at the Port.

What We Do

Hargreaves supply personnel, plant and equipment to undertake the following activities;

- Responsibility of all safety standards within the scope of work
- Vessels discharge throughout the year
- Silo unloading
- Rail loading of up to 6 trains per day
- Provision of personnel in order to deliver and maintain the Cleaning standards of the facilities
- Routine preventative maintenance and inspections of the plant
- LPL require 100% uptime during both vessel unloading and rail loading times and all maintenance takes place outside of these operational requirements.
- Proactively manage maintenance periods and keep as minimum records in line with all legal compliance and good industry practice. (Eg ATEX and DSEAR).

Contact Details

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