

EfW Progress Update

Northacre Renewable Energy Ltd



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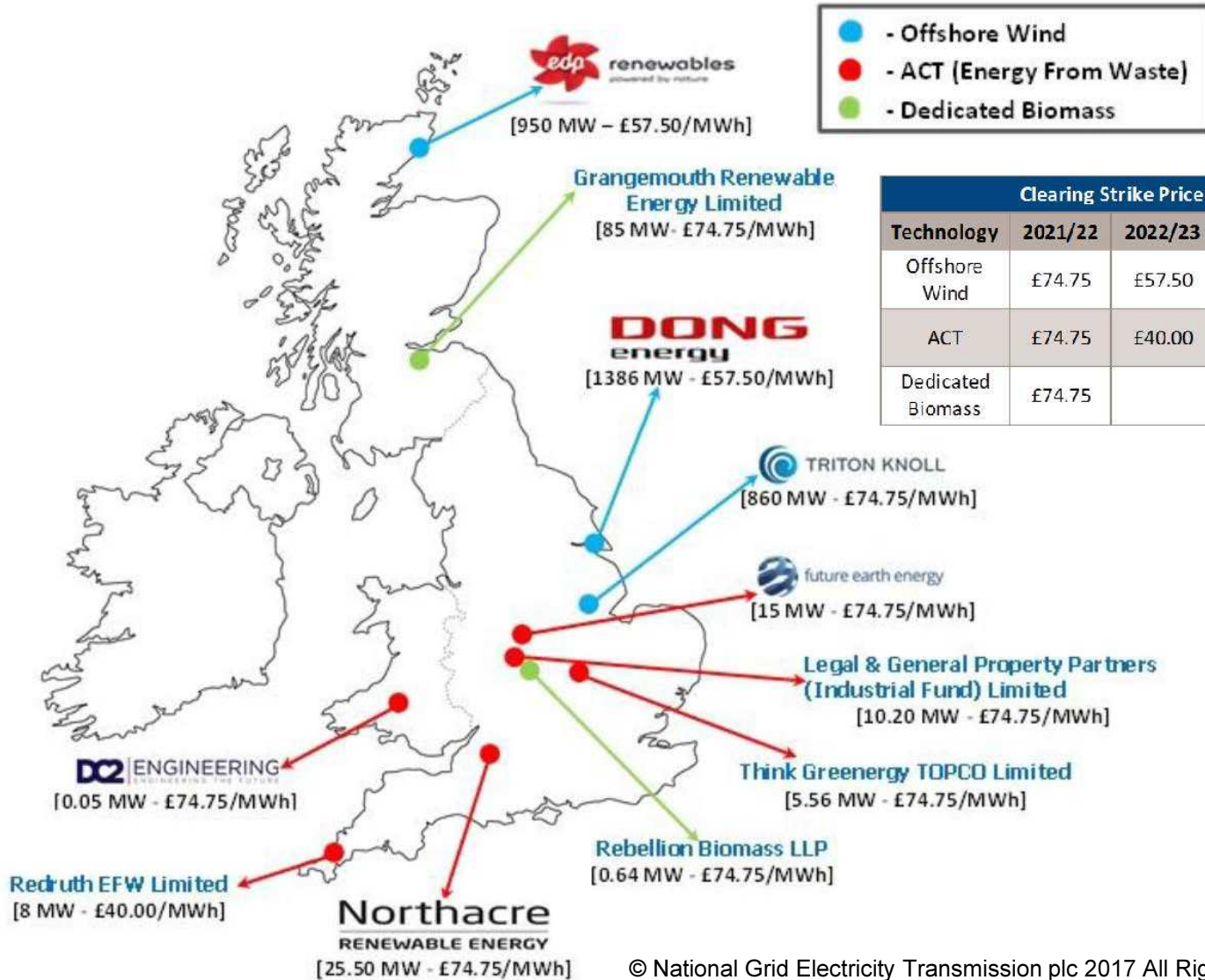
Status

- 2015 - Planning permission granted
- Interim period - working on Contract for Difference process and negotiations with the Engineering, Procurement and Construction contractor
- 2017 - Project awarded 15 year Contract For Difference (government subsidy for renewable energy projects)

CFD ROUND 2 SUCCESSFUL PROJECTS

Strike prices, capacities, technologies and connection sites for the 11 Successful Projects below:

(CFD Round 2 was run across two Delivery Years – 2021/22 and 2022/23, but did not include Solar or Onshore Wind)



Engineering Procurement & Construction

Engineering Procurement and Construction contract supplies a turnkey solution for the design, procurement and construction of the project plant including :

- Civils and structures
- Mechanical / electrical and instrumentation
- Turbine
- Air cooled condensers
- Gasifier
- Stack and associated Air Pollution Control equipment



Section 73 planning application

The Section 73 planning application is a result of:

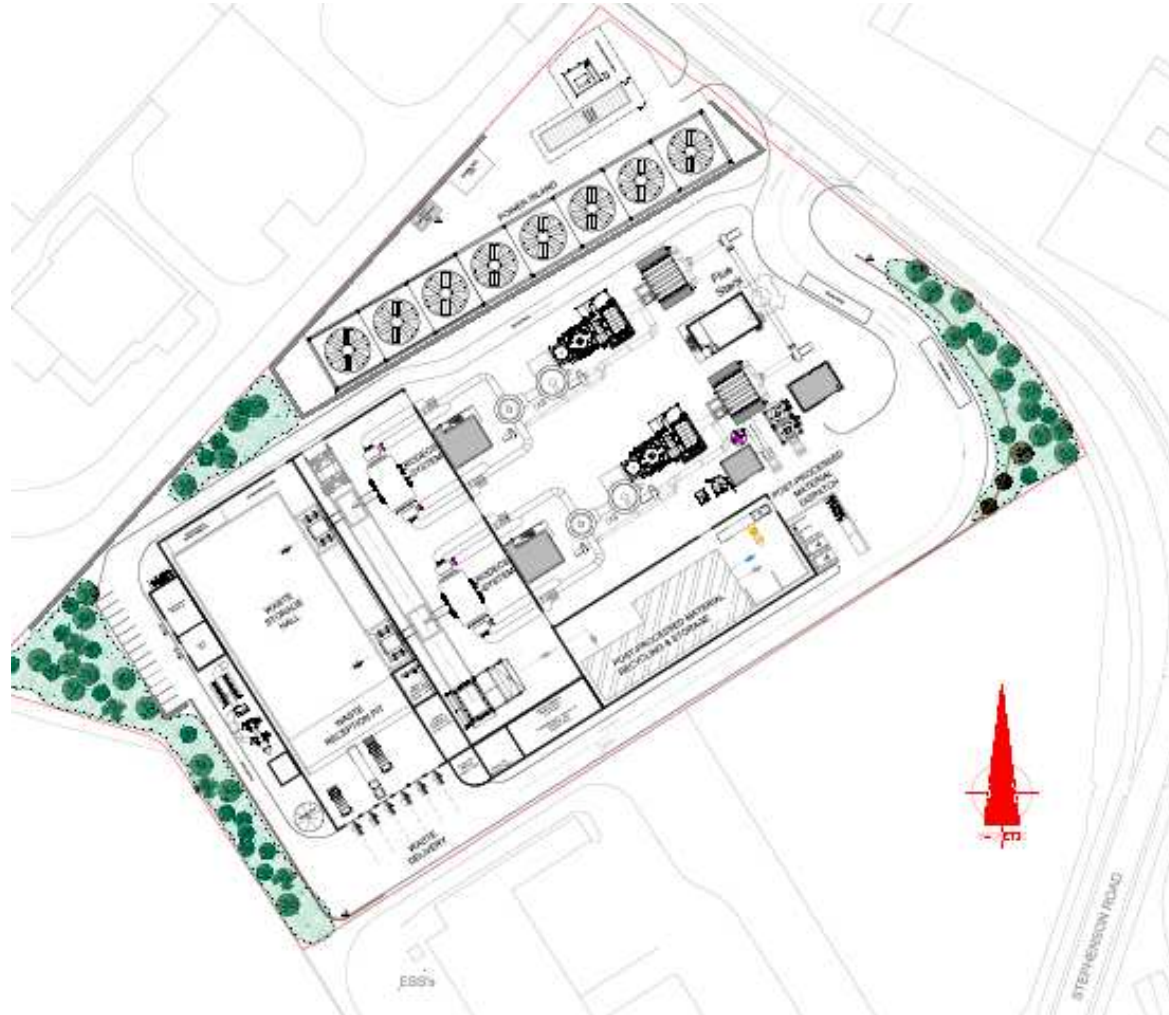
- Negotiations with the Engineering Procurement and Construction contractor
- Assessments of emerging guidance from the Environment Agency on Best Available Technique (BAT)

Section 73 applications for variations to a project on this scale are part of the process and there are likely to be others. The planning system allows for it.

Section 73 application covers

- Increase in height of buildings
- Increase in stack height
- Enclosing the thermal plant
- Separating the waste reception building and the thermal building
- One less turbine and bank of air cooled condensers

Original Layout



Revised Layout



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Environmental Permit process

- An Environmental Permit is required in order to have permission operate the plant
- The Environment Agency will assess the Environmental Permit application against Best Available Techniques (BAT)
- The Environment Agency will regulate the facility and emissions against the Environmental Permit

Project Timetable

- Final negotiations - EPC Contractor and Grid Connection route proving
- Financial Close – Quarter 2 / 2018
- Environmental Permit application – Quarter 2 / 2018
- Est. 34 month construction – summer/autumn 2018 (150+jobs)
- Project ‘energised’ – April 2020
- Start commercial operations – April 2021 (35-40 permanent full time jobs)

