

OVENDEN WIND FARM, HALIFAX

Client:

Yorkshire Windpower Ltd

Summary:

Decommissioning and dismantling of 22No WD34-400kW turbines and replacement with 9 No Gamesa G80 2.0MW turbines



PROJECT DETAILS

The works entailed the decommissioning and dismantling of 22No WD34-400kW turbines including their associated electrical components, and their replacement with 9 No Gamesa G80 2.0MW turbines with hub heights of 67m.

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PROJECT DETAILS (continued)

The works included the turbine foundation construction each comprising of 40tnes of re-bar and 350m³ concrete, the up-grading of over 2500m of existing road infrastructure and the installation as “floating roads” of 1500m of new road, the formation of 9 No crane hardstandings at 1250m², all electrical infrastructure and a 1600m² sub-station and control room.

The works were undertaken on a peat bog area where environmental and ecological issues were at the forefront, and included the removal of over 5000m³ of peat from beneath the turbine foundations and its replacement with engineered fill.

