

About Ridge Clean Energy

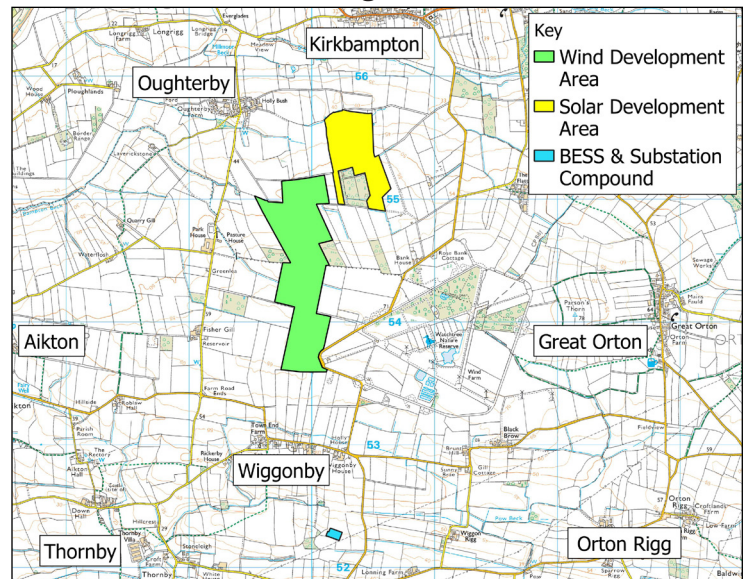
Working in partnership with land owners and local communities, **Ridge Clean Energy's** (RCE) team identifies and develops new projects to supply clean energy to homes, businesses, and other power consumers. The RCE team have a wealth of experience with community engagement support and have created a range of local initiatives in small towns and villages that focus on improving community value.

Key Facts

- The scheme would, on average, generate as much electricity each year as is currently used by **16,900 homes**.
- Site area of approximately **31 ha** (77 acres).
- Solar capacity of up to **24 MW** and wind capacity of up to **16.8 MW**.
- Battery storage capacity of up to **20 MW**.
- The wind turbines and solar array will operate for a period of **35 years**.
- Approximately **6-9 month** construction period.
- Fully decommissioned after operational period.
- Funding will be made available to support existing community projects and help new ideas become a reality.
- Renewable electricity generation from the proposed development would support the UK's legally binding net zero commitment and contribute to the UK's **domestic energy supply**.

About the Project

Ridge Clean Energy is proposing the **Great Oaks Renewable Energy Park**, which is located southeast of Oughterby and primarily north of Wiggonby, in the parishes of Kirkbampton and Aikton. The project would include four wind turbines (each with a maximum tip height of up to 149.5 metres), an array of ground-mounted solar panels, ancillary infrastructure and a Battery Energy Storage System (BESS). The site would be accessed from the A689, using the local road network.



Great Oaks Renewable Energy Park Site Map

The project could deliver up to 40.8 MW of domestic renewable electricity, which would generate as much electricity each year as is used by approximately 16,900 homes (based on average domestic consumption per household of 4,070 kWh – DBEIS, 2021).

Environmental survey work has commenced. The project would deliver a net gain in biodiversity, for example, by including a species-rich wildflower seed mix in between the rows of solar panels to encourage wildlife including bees and birds. Hedgerow restoration and planting would provide additional screening and benefit local wildlife.

The community benefit would include an annual contribution towards energy bills to all homes within 2.5km of the wind turbine development area. This would include homes in Kirkbampton, Thurstonfield, Oughterby, Aikton, Thornby and Wiggonby. The contribution would vary according to distance from the wind turbine development area.



Species rich wildflower mix amongst PV panels



Wind turbines

You are invited to our Public Exhibition

Newsletter July 2022



Public Exhibition: Great Oaks Renewable Energy Park

You are invited to our Public Exhibition to learn more about the proposed Great Oaks Renewable Energy Park. Join us to review our ideas for combining wind and solar power generation with battery storage on land southeast of Oughterby and north of Wiggonby, west of the operational Great Orton Wind Farm.

The first exhibition will be held Tuesday, 2nd August, 1pm until 7pm:

- Aikton Parish Rooms, Aikton, Wigton, CA7 0HP

The second exhibition will be held Wednesday, 3rd August, 1pm until 7pm:

- Kirkbampton Village Hall, Kirkbampton, Carlisle, CA5 6HX



Refreshments will be provided.



Learn more about the project:

<https://ridgecleanenergy.com/greatoaks>

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