



octopus energy
generation

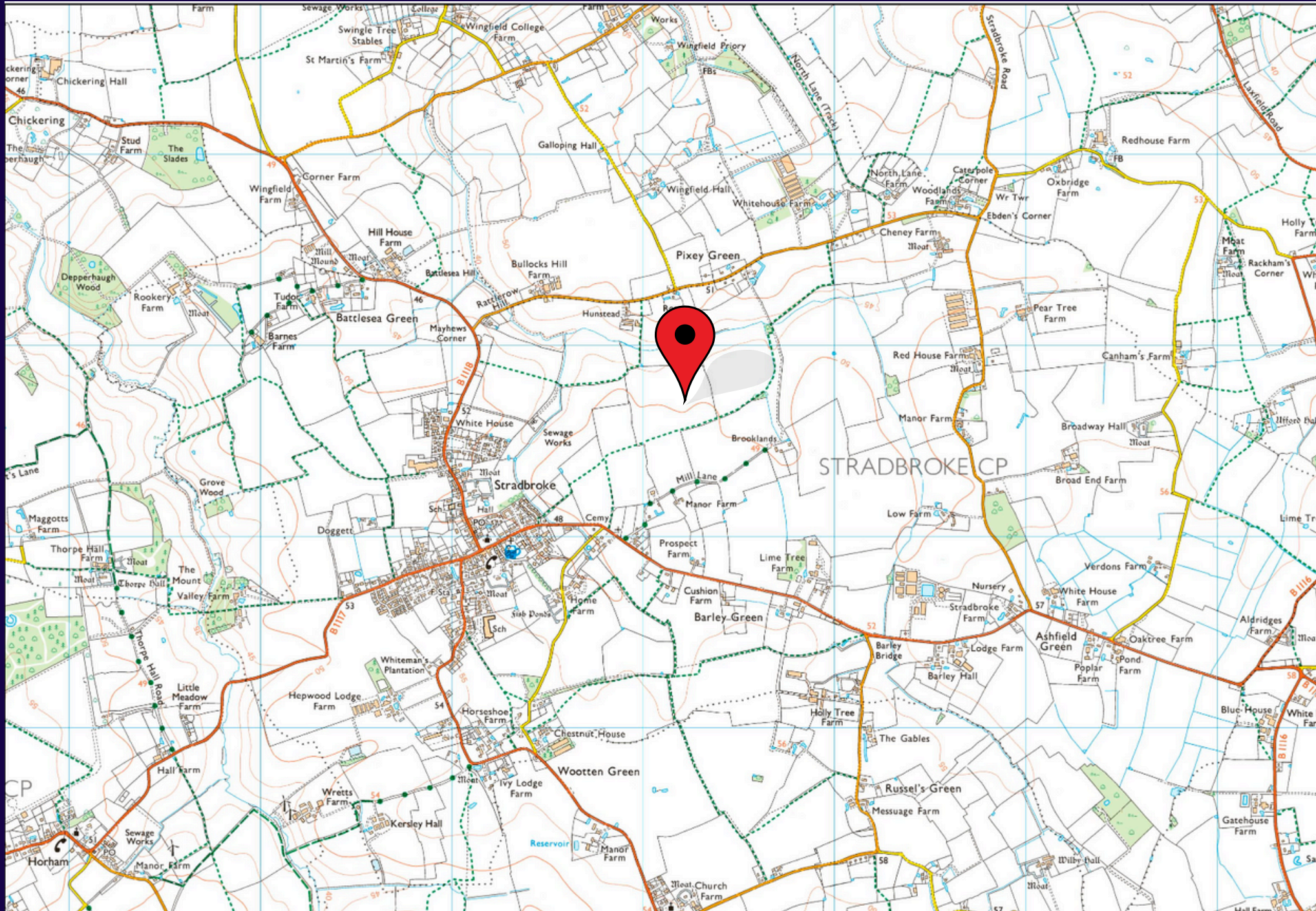
Prairie Field Wind Turbine

Stradbroke



- Proposing a single, EWT61 turbine.
- Hub height 59m plus 61m rotor (30.5m blades). Up to 89.5m to tip.
- 949kW machine which would generate approx 2382 MWh a year to power 800 homes.



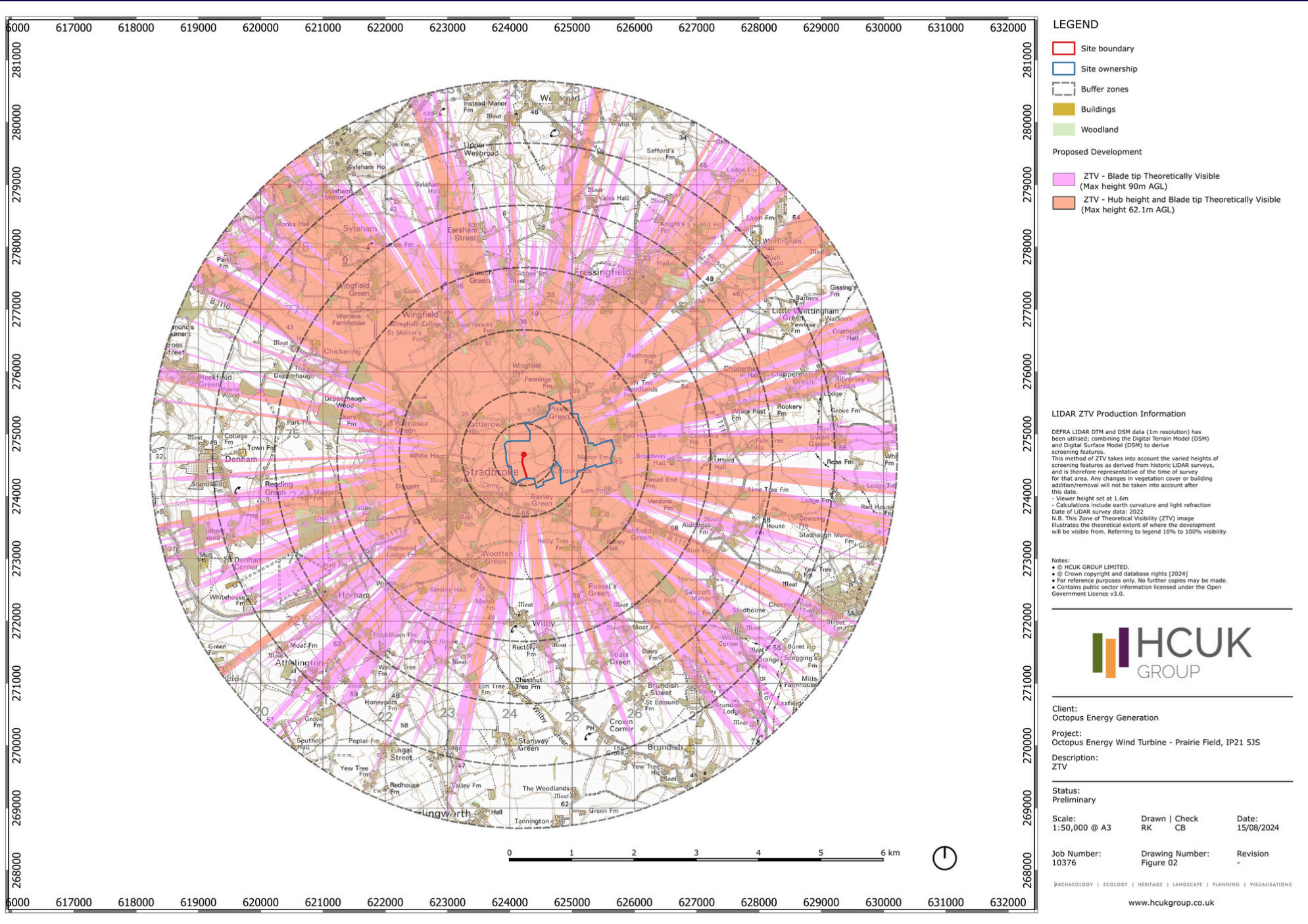


Why this site?

- Your Local Authority declared a Climate Emergency on 25 July 2019
- **High wind speeds** of 6.4 m/s at hub height 60m
- Feasible **grid connection** budget offer
- Wind generation will **benefit locals**
- Nearest dwelling 500+m away.
- Away from infrastructure roads.
- **Stradbroke Neighbourhood Plan** states:
 - “[...] development should assist in making Stradbroke a more energy resilient community over the plan period. Opportunities to deliver utilities and energy needs in the most sustainable ways possible are encouraged.”

Zone of Theoretical Visibility (ZTV) plan

This plan identifies the extent of visibility of the turbine from the surrounding areas.
This assumes no trees/buildings/etc. blocking views. Therefore, the worst case scenario



Community Benefit Contributions

Developers often provide voluntary financial contributions during the planning process. Although not a material planning consideration, this practice has become expected in the UK, especially for larger projects. Octopus Energy Generation is pleased to offer such contributions to benefit the local community.

We are currently in the process of investigating how this will be delivered and which group/s this will be delivered to. However, it will equate to £5,000 per installed Megawatt Peak of capacity (mWp), per annum.

Leading to a **total contribution of £150,000 over the 30 year life** of the project.

Current Commercial offering

While not a traditional “community benefit”, Octopus Energy brings additional advantages to communities living near to its wind turbines. Our **Fan Club** (details can be found here: [Fan Club | Octopus Energy Generation](#)) **unlocks discounts** for Octopus customers living nearby **when the wind is blowing**.

The benefits and eligibility for discounts vary based on factors like feasibility, project location, electricity pricing, connection costs, and local usage. We will provide more details to our customers and those who have signed up to our Fan Club [here](#) should we achieve planning permission and progress towards construction for this project.

Octopus would also be open to considering investment by the community into the project to facilitate community ownership, should planning permission be received.



Scan to sign up!

Prairie Field Development Project:

Project Manager: **Robyn Tarrant**

Website: <https://octopus.energy/Prairie-Field-Development-Project/>

Email: [**prairiefieldwindturbine@octopusenergygeneration.com**](mailto:prairiefieldwindturbine@octopusenergygeneration.com)

