

Wind Farm Design Process and Estimated Timelines



Overview of steps

- Site Selection and development
- Site Surveys, Initial design, Environmental impact assessment and planning submittal
- Planning decision & associated planning conditions
- Grid connection application
- Turbine tendering process – turbine type is chosen
- Turbine Order placed and delivery
- Civil and Electrical tendering – contractors are chosen
- Further detailed design and construction complete

Approximate Timeline

~ 2 – 3 years +

~ 1 – 2 years

~ 1 – 2 years

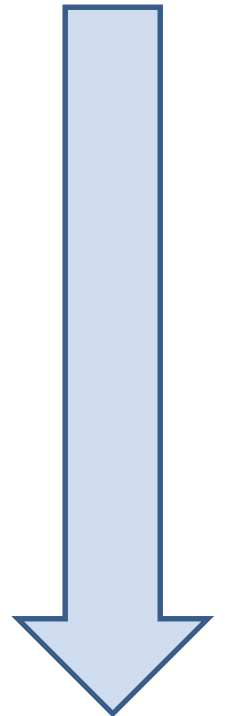
~ 1 year +

~ 4 – 6 months +

~ 8 – 12 months +

~ 3 – 6 months

~ 6 – 12 months



Wind Turbine Procurement Process

- Commences after planning permission is granted
- Planning permission granted based on generic turbine design envelope
- Selected turbine required to meet planning permission conditions.

Typical turbine envelope

