

ALBERTON WIND FARM VITAL STATISTICS



COMPRISING:

- Up to 34 wind turbines
- Overall tip height of 200 metres
- Each tower will be mounted on to a concrete pad footing which will be set largely below ground
- There will also be an adjacent hardstand construction pad beside each turbine of approximately 25 metres x 45 metres

Note:

Final height and configuration of the turbines will be determined following a commercial tendering process that will occur after a planning permit is granted but will be consistent with (and not greater than) the above figures stated in the previous bullet points.

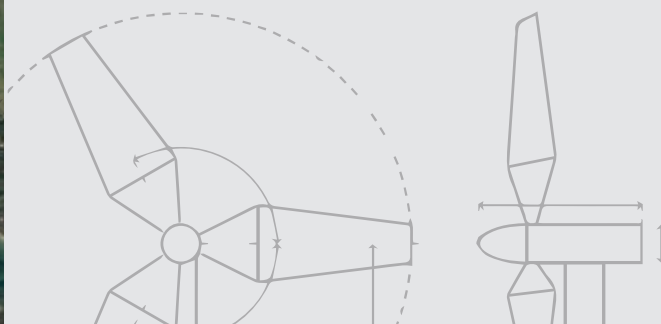
WHERE:

- Alberton, Wellington Shire Council, 6 kilometres south of Yarram, 216 kilometres east of Melbourne.
- Turbines will be spread across approximately 8.5 km north-south and 10 km east-west, but will occupy a very small footprint within this area – less than 0.05% of the land area.
- Turbines will be located in four groups: a large “v” shaped central group of 18 turbines to the west-south-west of Alberton, two groups of four and six turbines each further to the west, adjacent to the South Gippsland Highway, and a group of five turbines to the north, west-south-west of Yarram.

ELECTRICITY SUPPLY:

- Network connection via an existing 66kV transmission line, specifically in the section of Morwell West Terminal Station to Foster.
- Turbine connection to substation by underground and overhead 22kV electricity lines. Approximately 15 km of overhead electricity lines would be required within a 16-metre wide easement - runs of single stem poles and conductors, similar to other transmission lines.
- Underground cabling and associated trenching will be contained within a three metre wide corridor, and align with existing and new tracks.
- A substation may not be required depending on the final turbines used. If a substation is required it is likely to be located near the intersection of Coal Mine Road and the former South Gippsland rail line.

Note: The conceptual electricity plan would be confirmed following the selection of a final turbine model and the signing of a connection agreement with AusNet.



WHY ALBERTON:

Investigations undertaken to date show the Alberton Wind Farm can be developed, constructed and operated to avoid significant adverse impacts on the local community, ecology, heritage, landscape and amenity (for further information refer to Key Facts: Ecology and Environment).

- The area has excellent characteristics for a high performing wind energy facility with low adverse environmental impacts.
- The intended use is consistent with the local Planning Scheme and its' classification as a farming zone.
- The proposed site is sufficiently separated from public use areas and population centres.

Note: Dwellings that are located within 1 kilometre of the Alberton Wind Farm belong to landowners who have entered into consent agreements.

ENVIRONMENTAL AND ENERGY BENEFITS:

Wind energy is one of the most cost-effective forms of renewable energy, and its environmental benefits are clear. In the case of the proposed Alberton Wind Farm these are:

- Clean energy for over 45,000 households
- Reduction in greenhouse gas emissions by over 390,000 tonnes annually
- Reduce reliance on non-renewable energy sources for power generation

ECONOMIC BENEFITS:

- Increased investment and employment opportunities in the region during the construction phase – c. 115 jobs.
- Indirect employment during construction is expected to generate jobs for 270 people locally, 870 state jobs and 1360 nationwide jobs.
- Increased economic activity in the South Gippsland region.
- Ongoing economic and employment benefits throughout the life of the project.
- Contribute to the growth of the renewable energy industry in the area.

COMMUNITY BENEFITS:

- Community fund of up to \$80,000 per year for the duration of the Alberton Wind Farm's lifespan (20-40 years) to support local community groups and events.
- Flow on effect from energy and economic benefits.

VISUAL EFFECT:

Assessments have shown the visual effect to be moderate-low from most of the publicly accessible locations surrounding the wind farm:

- Low visual effect on the rural/coastal townships of Toora, Welshpool and Port Welshpool.
- Low visual effect on the rural/coastal townships of Port Albert, Alberton and Yarram.
- Moderate low (albeit short term and transitory) effects on views from the South Gippsland Highway.
- Moderate impacts on views from most local roads where fully or partially screened by roadside and/or field boundary tree planting.
- No significant visual effect from public reserves and recreational areas including any available views from state significant landscape areas such as the Nooramunga Marine and Coastal Park and Wilsons Promontory National Park.

CONSULTATION AND ENGAGEMENT ACTIVITIES:

Consultation with key stakeholders including local landowners, potential neighbours, the Wellington Shire Council, the Department of Environment, Land, Water and Planning along with other State based authorities and agencies, the Department of Environment and Energy (Federal Government) has been ongoing since 2014.

Information sessions for the broader, local community were first held in 2017 and additional information sessions will be held during 2018. Further details of these activities can be found on the project webpage (<http://www.synergy-wind.com/alberton.php>).

TIMEFRAME >

6 months:

Planning and approvals

8 - 12 months:

(post planning approval):
construction

18-24 months:

To complete construction

32-34 months:

Total anticipated
implementation timeline