

Wind Farms

APP's Infrastructure division is working in the field of energy – power generation and transmission, with emphasis on renewable energy such as wind farms.

APP is Project Manager (Approvals and Stakeholders) for Transfield Services Limited's (TSL) wind farm project. TSL owns the development rights to 13 wind farms across Australia, with a total potential capacity of 1,150 megawatts (MW) of renewable energy.

To date, APP has project managed the feasibility study for the \$275 million Barn Hill Wind Farm project in South Australia, which will comprise 62 wind turbines for a total power output of 130 MW, sufficient to power more than 80,000 homes. Each 130-tonne wind turbine, mounted on an 80m steel tower, will have a blade diameter of 90m and can produce 2.1 MW of power.

In addition to the wind turbines, the project involves construction of:

- 34KM of access tracks;
- 45KM of 33 kilovolt (kV) underground cabling;
- A 33 kV/275 kV substation; and
- 10KM of high voltage transmission line to connect the wind farm to the electricity grid.

APP has commenced work on the approval process and stakeholder engagement for the Baynton (VIC), Ben More (VIC), Collector (NSW) and High Road (QLD) wind farms.

Further information on wind energy and Transfield Services wind farm portfolio is available at <http://windfarms.net.au>.

GENERAL ENQUIRIES

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