

CHAPTER 21

Conclusion

21. CONCLUSION

This Environmental Assessment (EA) has assessed the potential environmental impacts that may result from the proposed Boco Rock Wind Farm (the Project), a proposal incorporating up to 125 wind turbines and capable of generating in the order of 270 MW of new renewable energy generation.

The Project has been assessed in accordance with the *Environmental Planning and Assessment Act 1979* and taken into consideration the *Environment Protection and Biodiversity Conservation Act 1999*, along with other Federal, State and Local Government legislation, policy and guidelines.

The Project has incorporated the findings identified through the design phase, including consultation with the local community and associated stakeholders. The potential impacts of the Project have been assessed and appropriate avoidance, mitigation and management measures proposed. **Chapter 20** Statement of Commitments details all measures to which the proponent has committed to implementing during the pre-construction, construction, operation/maintenance and decommissioning phases.

Benefits of the proposal have been identified at a global, regional and local scale, including:

- Production of approximately 785,663 MWh per annum, sufficient for the average consumption of 113,436 homes (based on conservative calculations). A figure equal to 1.75 % of the 45,000 GWh Renewable Energy Target;
- Displacement of greenhouse gas emissions by approximately 699,240 tonnes of CO₂-e per annum, the equivalent of taking 161,487 cars off the roads (based on conservative calculations);
- Provision of local jobs, a Community Fund to benefit the local area in the vicinity of the Project and the injection of approximately \$700 million into the Australian economy; and
- Improved security of electricity supply through diversification.

The Proponent is committed to ensuring the measures proposed in developing the Project are best practice, and that they maintain the high standard set in all regions within which the Wind Prospect Group operate.