

Technical Appendix 12.3 – Topographical Corrections

Breezy Hill Energy Project - EIA Report

Brockwell Energy Limited

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12. Topographical Corrections

12.1 Introduction

- 12.1.1 For each turbine to noise sensitive receptor propagation path, a correction is applied if the tip of the turbine is not visible from the receptor location, or if a valid concave ground profile is identified.

12.2 Results

- 12.2.1 The identified topographical collections are shown at Table 12.1 below. Note that no concave ground profiles were identified in this instance.
- 12.2.2 Where the turbine tip is not visible 2 dB is subtracted from the contribution from that turbine. In addition, if the propagation path is across a concave ground profile such that enhanced propagation is possible 3 dB is added to the contribution from that turbine. The corrections are identified for all scoped in noise sensitive receptors.



Table 12.1: Topographical Corrections

Turbine ID	Noise Sensitive Receptor Name							
	Rankinston	Ravenscroft	Drumbowie	Seaview	Rankinston Village nearest	Muirston	Polquhairn	The Castle
T1	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0
T8	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0
T10	0	0	0	0	0	0	0	0
T11	0	0	0	0	0	0	0	0
T12	0	0	0	0	0	0	0	0
T13	0	0	0	0	0	0	0	0
T14	0	0	0	0	0	0	0	0
T15	0	0	-2	0	0	0	0	0
T16	0	0	0	0	0	0	0	0
T17	0	0	0	0	0	0	0	0
T18	0	0	-2	-2	0	0	0	0
T19	0	0	-2	-2	0	0	0	0
T20	0	0	0	0	0	0	0	0

