

Oweninny Wind Farm Phase 3

Environmental Impact Assessment Report

**Appendix 13.5 Tabulated Omni Directional Results – Proposed
Development in Isolation**

NSL	Derived LA90, 10-min Levels (dB) at Various Standardised 10m Height Wind Speeds						
	3	4	5	6	7	8	9
R01	22.0	25.6	30.1	32.9	33.3	33.3	33.3
R02	21.2	24.8	29.2	32.0	32.4	32.4	32.4
R03	21.0	24.6	29.0	31.8	32.2	32.2	32.2
R04	19.1	22.7	27.0	29.7	30.1	30.1	30.1
R05	18.6	22.2	26.5	29.2	29.6	29.6	29.6
R06	18.4	22.1	26.3	29.0	29.4	29.4	29.4
R07	22.1	25.7	30.1	32.9	33.3	33.3	33.3
R08	20.1	23.8	28.1	30.8	31.2	31.2	31.2
R09	19.3	23.0	27.3	30.0	30.4	30.4	30.4
R10	23.4	27.0	31.5	34.5	34.9	34.9	34.9
R11	20.5	24.2	28.5	31.2	31.6	31.6	31.6
R12	19.7	23.3	27.6	30.4	30.8	30.8	30.8
R13	19.8	23.5	27.8	30.5	30.9	30.9	30.9
R14	20.3	24.0	28.3	31.1	31.5	31.5	31.5
R15	20.9	24.6	28.9	31.7	32.1	32.1	32.1
R16	20.9	24.5	28.9	31.7	32.1	32.1	32.1
R17	20.3	23.9	28.3	31.0	31.4	31.4	31.4
R18	20.4	24.0	28.3	31.1	31.5	31.5	31.5
R19	17.6	21.2	25.4	28.1	28.5	28.5	28.5
R20	17.4	21.0	25.2	27.8	28.2	28.2	28.2
R21	16.5	20.2	24.3	26.9	27.3	27.3	27.3
R22	16.0	19.6	23.8	26.3	26.7	26.7	26.7
R23	16.2	19.8	24.0	26.6	27.0	27.0	27.0
R24	16.2	19.9	24.0	26.6	27.0	27.0	27.0
R25	16.8	20.5	24.6	27.3	27.7	27.7	27.7
R26	16.3	20.0	24.1	26.7	27.1	27.1	27.1
R27	16.9	20.5	24.7	27.3	27.7	27.7	27.7
R28	16.9	20.5	24.7	27.3	27.7	27.7	27.7
R29	16.7	20.4	24.6	27.2	27.6	27.6	27.6
R30	16.7	20.3	24.5	27.1	27.5	27.5	27.5
R31	16.5	20.1	24.3	26.9	27.3	27.3	27.3
R32	16.0	19.7	23.8	26.4	26.8	26.8	26.8
R33	15.7	19.3	23.5	26.1	26.5	26.5	26.5
R34	14.7	18.3	22.5	25.0	25.4	25.4	25.4
R35	16.3	20.0	24.1	26.7	27.1	27.1	27.1
R36	16.4	20.0	24.2	26.8	27.2	27.2	27.2
R37	16.1	19.7	23.9	26.5	26.9	26.9	26.9
R38	14.4	18.0	22.1	24.7	25.1	25.1	25.1
R39	13.2	16.8	20.9	23.4	23.8	23.8	23.8
R40	12.4	16.0	20.1	22.7	23.1	23.1	23.1
R41	15.6	19.3	23.4	26.0	26.4	26.4	26.4
R42	15.7	19.3	23.4	26.0	26.4	26.4	26.4
R43	16.0	19.6	23.7	26.3	26.7	26.7	26.7
R44	16.0	19.6	23.8	26.4	26.8	26.8	26.8
R45	16.3	19.9	24.1	26.7	27.1	27.1	27.1
R46	16.3	19.9	24.1	26.7	27.1	27.1	27.1
R47	16.3	20.0	24.1	26.7	27.1	27.1	27.1
R48	16.4	20.0	24.2	26.8	27.2	27.2	27.2

NSL	Derived LA90, 10-min Levels (dB) at Various Standardised 10m Height Wind Speeds						
	3	4	5	6	7	8	9
R49	16.7	20.3	24.5	27.1	27.5	27.5	27.5
R50	16.7	20.3	24.5	27.1	27.5	27.5	27.5
R51	16.5	20.1	24.3	26.8	27.2	27.2	27.2
R52	16.6	20.2	24.4	27.0	27.4	27.4	27.4
R53	11.5	15.1	19.2	21.7	22.1	22.1	22.1
R54	11.3	14.9	19.0	21.5	21.9	21.9	21.9
R55	11.4	15.0	19.0	21.5	21.9	21.9	21.9
R56	11.2	14.8	18.8	21.4	21.8	21.8	21.8
R57	11.6	15.2	19.3	21.8	22.2	22.2	22.2
R58	12.0	15.6	19.6	22.1	22.5	22.5	22.5
R59	11.3	14.9	18.9	21.5	21.9	21.9	21.9
R60	14.9	18.5	22.6	25.1	25.5	25.5	25.5
R61	13.1	16.7	20.7	23.2	23.6	23.6	23.6
R62	12.7	16.3	20.3	22.8	23.2	23.2	23.2
R63	13.0	16.6	20.6	23.1	23.5	23.5	23.5
R64	13.3	16.9	21.0	23.5	23.9	23.9	23.9
R65	17.4	21.1	25.3	27.9	28.3	28.3	28.3
R66	15.7	19.3	23.5	26.1	26.5	26.5	26.5
R67	13.6	17.2	21.3	23.8	24.2	24.2	24.2
R68	13.6	17.2	21.2	23.8	24.2	24.2	24.2
R69	13.5	17.1	21.2	23.8	24.2	24.2	24.2
R70	13.5	17.1	21.1	23.7	24.1	24.1	24.1
R71	15.7	19.4	23.5	26.2	26.6	26.6	26.6
R72	17.6	21.2	25.5	28.1	28.5	28.5	28.5
R73	18.2	21.9	26.1	28.8	29.2	29.2	29.2
R74	17.5	21.1	25.4	28.1	28.5	28.5	28.5
R75	17.6	21.2	25.5	28.1	28.5	28.5	28.5
R76	17.6	21.2	25.4	28.1	28.5	28.5	28.5
R77	13.6	17.2	21.2	23.8	24.2	24.2	24.2
R78	15.8	19.5	23.6	26.2	26.6	26.6	26.6
R79	16.7	20.4	24.5	27.1	27.5	27.5	27.5
R80	20.8	24.4	28.8	31.6	32.0	32.0	32.0