

Electrawinds: Caledon Wind Facility

Potential impact of turbines and access roads on agriculture

Layout version 13

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Turbine number	Impacts of turbine & hard standing area		Impacts of access road		Other anticipated impacts	Recommendation	Can be mitigated?	Impact after full mitigation
	Loss of arable land	Contour banks impacted	Loss of arable land	Contour banks impacted				
T1	0	0	0	1	None	Appropriate structure to spill road runoff into contour ditch	Yes	None
T2	0	0	0	1	None	Appropriate structure to spill road runoff into contour ditch	Yes	None
T4a	<0.01 ha	0	<0.1ha	0	None	Align access road with existing farm track	Yes	Negligible
T6a	<0.01 ha	0	±1.5 ha [<0.1 ha]	1	None	Align access road with S edge of field; Appropriate structure to spill road runoff into contour ditch	Yes	Negligible
T7	<0.01 ha	0	±1.0 ha [<0.1 ha]	0	None	Align access road with existing farm track	Yes	Negligible
T9a	0	0	0	0	None	Align access road with existing farm track	N/A	None
T12a	<0.01 ha	1	±0.05 ha	0	None	Repair integrity of contour bank. Retain livestock drinking pond.	Yes	Negligible
T13a	0	0	±0.05 ha	0	None	None	Yes	Negligible
T14a	<0.01 ha	0	0	1	None	None	Yes	Negligible
T15	<0.01 ha	0	0	0	None	None	Yes	None
T16	<0.01 ha	0	0	0	None	Repair integrity of contour bank	Yes	None
T23	0	0	0	0	None	None	N/A	None
T24	<0.01 ha	0	0.2 ha	0	None	None	Yes	None
T25	<0.01 ha	0	0	0	None	None	Yes	None
T26	<0.01 ha	0	0	0	None	None	Yes	None
T27	0	0	0	0	None	None	N/A	None
T28	<0.01 ha	0	0.3 ha	0	None	None	Yes	Negligible
T29	0	0	0	0	None	None	N/A	None
T33	<0.01 ha	0	0.8 ha	0	None	Align 1st section of access road with farm road.	Yes	Negligible
T35	0.02 ha	2	0	3	None	Repair integrity of contour banks	Yes	Negligible
T38	<0.01 ha	1	0	0	None	Repair integrity of contour bank. Retain livestock drinking pond.	Yes	None
T39	0	0	<0.3 ha	1	None	Repair integrity of contour bank	Yes	Negligible
T40	<0.01 ha	0	0	1	None	Repair integrity of contour banks	Yes	Negligible
T41	<0.01 ha	0	0	0	None	None	Yes	None
T55	<0.01 ha	0	0	0	None	None	Yes	None
T56	<0.01 ha	0	0	0	None	None	Yes	None
T58	<0.01 ha	0	0	0	None	None	Yes	None
T65	<0.01 ha	0	0	0	None	Repair integrity of contour bank. Retain livestock drinking pond.	Yes	Negligible
T66	0	0	0	0	None	None	N/A	None
T68	<0.01 ha	0	0.2 ha	0	None	None	Yes	Negligible
T70	0	0	0.1 ha	0	None	None	Yes	Negligible