

Bird Bat Mortality Report Summary (Draft)

Source:	ders/0B24A4SH_cewXV0VhTENxTGP3LVk										Red indicates kills exceed threshold	
Facility	Turbines	Company	Location	Year	Birds Killed/Year		Bats Killed/Year		Estimated Raptors Killed Year		Actual Raptors Found Dead	
					Per Turbine	Per Facility	Per Turbine	Per Facility	Per Turbine	Per Facility		
					<i>MNFR Mortality Threshold = 14</i>		<i>MNFR Mortality Threshold = 10</i>		<i>MNFR Mortality Threshold = 0.2</i>			
Adelaide	37	Nextera	Middlesex, ON	2015	2.32	85.8	8.57	317.1	0.17	6.3	9	
Adelaide	18	Suncor	Middlesex, ON	2015	2.32	41.76	8.57	154.26	0.51	9.2	5	
Arthur	5	Schneider Power	Wellington North, ON	2013	3.25	16.3	7.47	37.4	0.00	0.0	0	
Arthur	5	Schneider Power	Wellington North, ON	2011	5.00	25.0	23.07	115.4	0.00	0.0	0	
Arthur	5	Schneider Power	Wellington North, ON	2012	23.98	119.9	58.94	294.7	0.00	0.0	0	
Bluewater	37	Nextera	Huron East, ON	2015	3.97	146.9	9.14	338.2	0.09	3.3	5	
Bornish	45	Nextera	Middlesex, ON	2015	2.17	97.7	9.01	405.5	0.42	18.9	13	
Caribou	33	GDF Suez	Bathurst, NB	2011	1.14	37.6	0.74	24.4				
Caribou	33	GDF Suez	Bathurst, NB	2010	0.16	5.3	0.00	0.0				
Comber	72	Brookfield	Essex County, ON	2013	8.93	643.0	14.92	1074.2	0.13	9.4	9	
Comber	72	Brookfield	Essex County, ON	2014	4.59	330.5	9.93	715.0	0.38	27.4		
Comber	72	Brookfield	Essex County, ON	2015	3.91	281.5	8.41	605.5	0.62	44.6	11	
Conestoga	10	Nextera	Wellington, ON	2013	5.03	50.3	9.81	98.1	0.10	1.0	1	
Conestoga	10	Nextera	Wellington, ON	2014	2.83	28.3	7.02	70.2	0.10	1.0	2	
Conestoga	10	Nextera	Wellington, ON	2015	3.13	31.3	9.27	92.7	0.00	0.0	0	
Cruikshank	5	Enbridge	Bruce ON	2009	1.49	7.5	17.07	85.4	0.34	1.7	1	
Cruikshank	5	Enbridge	Bruce ON	2010	1.87	9.4	28.94	144.7	0.00	0.0	0	
Cruikshank	5	Enbridge	Bruce ON	2012	1	5.0	7.41	37.1	0.74	3.7	2	
Cruikshank	5	Enbridge	Bruce ON	2013	0.63	3.2	20.02	100.1	0.00	0.0	0	
Dufferin	49	Dufferin Wind	Dufferin, ON	2015	3.73	182.8	11.44	560.6	0.07	3.4	3	
East Lake St. Clair	55	GDF Suez	Chatham-Kent, ON	2014	2.33	128.2	14.02	771.1	0.16	8.8	5	
East Lake St. Clair	55	GDF Suez	Chatham-Kent, ON	2015	3.03	166.7	7.90	434.5	0.00	0.0	1	
Erieu	55	GDF Suez	Chatham-Kent, ON	2014	2.08	114.4	9.85	541.8	0.15	8.3	6	
Erieu	55	GDF Suez	Chatham-Kent, ON	2015	2.99	164.5	10.76	591.8	0.00	0.0	8	
Enbridge	110	Enbridge	Bruce ON	2009	2.70	297.0	19.72	2169.4	0.07	7.8	7	
Enbridge	110	Enbridge	Bruce ON	2010	1.25	137.5	12.83	1411.3	0.00	0.0	1	
Enbridge	110	Enbridge	Bruce ON	2012	0.37	40.7	14.64	1610.4			0	
Enbridge	110	Enbridge	Bruce ON	2013	1.73	190.3	17.68	1944.8	0.37	40.7	2	
Erie Shores	66	GDF Suez	Elgin, ON	2008	2.50	165.0	5.50	363.0	0.04	2.6	2/year	
Ernestown	5	Wintergreen Co-op	Loyalist Twp, ON	2016	1.40	7.0	23.40	117.0	0.00	0.0	0	
Gesner	5	Saturn Power	Chatham-Kent, ON	2013	3.16	15.8	27.47	137.4	0.00	0.0	0	
Gesner	5	Saturn Power	Chatham-Kent, ON	2014	3.32	16.6	11.75	58.8	0.33	1.7	2	
Gesner	5	Saturn Power	Chatham-Kent, ON	2015	4.86	24.3	8.32	41.6	0.20	1.0	2	
Gosfield	22	Brookfield	Essex County, ON	2011	5.02	110.4	14.19	312.2	0.45	9.9		
Gosfield	22	Brookfield	Essex County, ON	2012	9.13	200.9	19.25	423.5	0.59	13.0		
Goshen	63	Nextera	South Huron, ON	2015	4.04	254.5	9.61	605.4	0.03	1.9	4	
Goulais	11	Capstone	Sault Ste. Marie, ON	2015	9.79	107.7	16.69	183.6	0.00	0.0	0	
Gracey	5	Boralex	Chatham-Kent, ON	2011	5.53	27.7	22.76	113.8			0	
Gracey	5	Boralex	Chatham-Kent, ON	2012	2.25	11.3	23.46	117.3			0	
Gracey	5	Boralex	Chatham-Kent, ON	2013	3.21	16.1	7.50	37.5			1	
Grand	67	Samsung	Haldimand, ON	2015	2.17	145.4	12.83	859.6	0.25	16.8	8	
Grand Valley	9	Veresen	Dufferin, ON	2012	3.78	34.0	24.11	217.0	0.00	0.0	0	

Grand Valley	9	Veresen	Dufferin, ON	2013	6.59	59.3	4.52	40.7	0.56	5.0	3	
Grand Valley	9	Veresen	Dufferin, ON	2014	2.27	20.4	4.42	39.8	0.00	0.0	0	
Greenwich	43	Enbridge	Thunder Bay, ON	2012	1.44	61.9	5.06	217.6	0.00	0.0	1	Owl
Greenwich	43	Enbridge	Thunder Bay, ON	2013	1.78	76.5	3.73	160.4	0.06	2.6	1	
Harrow	24	GDF Suez	Essex County, ON	2010	2.73	65.5	18.36	440.6			0	
Harrow	24	GDF Suez	Essex County, ON	2011	2.59	62.2	19.91	477.8			0	
Harrow	24	GDF Suez	Essex County, ON	2012		0.0	9.45	226.8			1	
Harrow	24	GDF Suez	Essex County, ON	2013		0.0	9.90	237.6			1	
Jericho	92	Nextera	Lambton, ON	2015	1.73	159.2	9.64	886.9	0.44	40.5	23	
Kent Breeze	8	TransAlta	Chatham-Kent, ON	2011	7.36	58.9	11.27	90.2	0.21	1.7	1	
Kent Breeze	8	TransAlta	Chatham-Kent, ON	2012	9.50	76.0	7.60	60.8	0.00	0.0	0	
Kent Breeze	8	TransAlta	Chatham-Kent, ON	2013	6.65	53.2	4.20	33.6	0.15	1.2	1	
Kent Breeze	8	TransAlta	Chatham-Kent, ON	2014	4.95	39.6	4.70	37.6	0.15	1.2	1	
Kent Hills	18	TransAlta	Albert County, NB	2010	0.39	7.0	0.10	1.8				
Kent Hills	18	TransAlta	Albert County, NB	2011	1.41	25.4	0.95	17.1				
Kent Hills	18	TransAlta	Albert County, NB	2012	1.01	18.2	0.25	4.5				
Kingsbridge I	22	Capital Power	Huron, ON	2006							0	
McLean's Mountain	24	Northland Power	Thunder Bay, ON	2015	0.99	23.8	2.14	51.4	0.00	0.0	0	
Melancthon I	45	TransAlta	Dufferin, ON	2006		0.0		0.0		0.0		
Melancthon I	45	TransAlta	Dufferin, ON	2007	1.40	63.0	4.40	198.0		0.0		
Melancthon II	133	TransAlta	Dufferin, ON	2009		0.0		0.0		0.0	8.0	
Melancthon II	133	TransAlta	Dufferin, ON	2010	2.73	363.1	4.31	573.2	0.08	10.0	10.0	
Mohawk Point	6	GDF Suez	Norfolk, ON	2009	3.02	18.1	51.84	311.0			0	
Mohawk Point	6	GDF Suez	Norfolk, ON	2010	1.73	10.4	46.11	276.7			1	
Mohawk Point	6	GDF Suez	Norfolk, ON	2011	4.16	25.0	85.42	512.5			0	
Mohawk Point	6	GDF Suez	Norfolk, ON	2012		0.0	50.55	303.3			0	
Mohawk Point	6	GDF Suez	Norfolk, ON	2013		0.0	24.27	145.6			1	
Naylor	5	Boralex	Essex County, ON	2013	7.26	36.3	8.24	41.2			0	
Naylor	5	Boralex	Essex County, ON	2011	8.00	40.0	30.00	150.0			1	
Naylor	5	Boralex	Essex County, ON	2012	13.26	66.3	29.87	149.4			0	
North Malden	5	Boralex	Essex County, ON	2011	5.68	28.4	31.60	158.0			1	
North Malden	5	Boralex	Essex County, ON	2012	6.82	34.1	46.48	232.4			0	
North Malden	5	Boralex	Essex County, ON	2013	3.05	15.3	11.96	59.8			0	
Oxley	3	Estil	Essex County, ON	2014	4.24	12.7	8.37	25.1	0.00	0.0		
Oxley	3	Estil	Essex County, ON	2014	5.93	17.8	11.38	34.1	0.00	0.0		
Plateau	18	GDF Suez	Grey, ON	2012	3.48	62.6	24.31	437.58			0	
Plateau	18	GDF Suez	Grey, ON	2013	3.29	59.2	3.92	70.56	0.14	2.5	1	
Plateau	18	GDF Suez	Grey, ON	2014			3.22	57.96			0	
Pointe Aux Roches	27	GDF Suez	Tilbury, ON	2012	11.73	316.7	19.39	523.53			0	
Pointe Aux Roches	27	GDF Suez	Tilbury, ON	2013	3.03	81.8	4.14	111.78	0.13	3.5	1	
Pointe Aux Roches	27	GDF Suez	Tilbury, ON	2014			10.13	273.51			1	
Port Alma	44	Kruger	Chatham-Kent, ON	2010	5.56	244.6	15.82	696.08			1	
Port Alma	44	Kruger	Chatham-Kent, ON	2011	5.77	253.9	10.99	483.56			3	
Port Alma	44	Kruger	Chatham-Kent, ON	2012	1.95	85.8	9.40	413.60	0.12	5.3	4	
Port Dover	58	Capital Power	Norfolk/Haldimand, ON	2014	2.99	173.4	9.24	535.92	0.13	7.5	8	
Port Dover	58	Capital Power	Norfolk/Haldimand, ON	2015	1.36	78.9	8.58	497.64	0.00	0.0	2	
Prince	126	Brookfield	Sault Ste. Marie, ON	2007		0.0		0.00			3	
Prince	126	Brookfield	Sault Ste. Marie, ON	2008	1.33	167.6	3.59	452.34			1	

Proofline	4	Sky Generation	Lambton Shores, ON	2010			3.40	13.60			0	
Proofline	4	Sky Generation	Lambton Shores, ON	2011			31.00	124.00			0	
Proofline	4	Sky Generation	Lambton Shores, ON	2012			7.20	28.80			0	
Providence Bay	2	Leader Resources	Providence Bay, ON	2013	2.74	5.5	2.61	5.22			0	
Quixote One	1	Leader Resources	Bruce County, ON	2015	0.00	0.0	0.00	0.00	0.00	0.0	0	
Raleigh	52	Invergy	Chatham-Kent, ON	2011	2.68	139.4	8.69	451.88	0.08	4.2	2	
Raleigh	52	Invergy	Chatham-Kent, ON	2012	4.03	209.6	23.58	1226.16			1	
Raleigh	52	Invergy	Chatham-Kent, ON	2013			11.58	602.16				
Raleigh	52	Invergy	Chatham-Kent, ON	2014			10.40	540.80				
Ravenswood	6	Sky Generation	Lambton, ON	2009	0.78	4.7	6.97	41.82			0	
Richardson	5	Boralex	Essex County, ON	2012	3.26	16.3	11.84	59.20			0	
Richardson	5	Boralex	Essex County, ON	2011	3.42	17.1	10.00	50.00			0	
Ripley	38	Suncor	Bruce County, ON	2009	3.01	114.4	13.00	494.00			2	
Skyway	5	Capstone	Grey/Dufferin, ON	2015	1.45	7.3	6.49	32.45	0.00	0.0	0	
South Branch	10	EDP Renewables	South Dundas, ON	2014	3.34	33.4	18.51	185.10			0	
South Branch	10	EDP Renewables	South Dundas, ON	2015	1.12	11.2	6.05	60.50			0	
South Kent	124	Samsung	Chatham-Kent, ON	2014	2.43	301.3	7.33	908.92	0.09	11.2	12	
South Kent	124	Samsung	Chatham-Kent, ON	2015	3.69	457.6	9.73	1206.52	0.17	21.1	7	
South Side	5	Boralex	Essex County, ON	2011	6.59	33.0	17.81	89.05	0.20	1.0	2	Pereg. Falcor
South Side	5	Boralex	Essex County, ON	2012	11.14	55.7	27.26	136.30	0.00	0.0	0	
South Side	5	Boralex	Essex County, ON	2013	4.05	20.3	10.16	50.80			0	
Springwood	4	wpd Canada	Wellington, ON	2015	0	0.0	11.30	45.20			0	
Summerhaven	56	Nextera	Haldimand, ON	2014	3.91	219.0	24.99	1399.44	0.28	15.7	16	
Summerhaven	56	Nextera	Haldimand, ON	2015	5.39	301.8	8.06	451.36	0.44	24.6	11	
Talbot	43	Enbridge	Chatham-Kent, ON	2011	1.49	64.1	7.85	337.55	0.08	3.4	2	
Talbot	43	Enbridge	Chatham-Kent, ON	2012	5.1	219.3	26.61	1144.23			1	Bald Eagle
Talbot	43	Enbridge	Chatham-Kent, ON	2013			12.41	533.63			1	Bald Eagle
Whittington	3	wpd Canada	Amaranth, ON	2015	0.97	2.9	8.57	25.71			0	
Wolfe Island	86	TransAlta	Frontenac, ON	2009	6.99	601.1	14.77	1270.22	0.15	12.9	12	
Wolfe Island	86	TransAlta	Frontenac, ON	2009-2010	13.4	1152.4	19.99	1719.14	0.27	23.2	10	
Wolfe Island	86	TransAlta	Frontenac, ON	2010-2011	1.53	131.6			0.19	16.3		
Wolfe Island	86	TransAlta	Frontenac, ON	2011-2012	2.12	182.3	1.23	105.78	0.44	37.8	11	
	4126						11887.55	42422.03		494.7		
These wind projects did not have data collected yet or did not submit data to the MNR												
Armow	92	Samsung	Huron, ON	2016								
Belle River	41	Samsung	Essex County, ON	2017								
Bow Lake	36	BlueEarth	Algoma, ON	2015								
CAW	1	CAW	Huron East, ON	2013								
Cedar Point	46	Suncor	Lambton, ON	2016								
Clear Creek	6	GDF Suez	Norfolk, ON	2008								
Cultus	6	GDF Suez	Norfolk, ON	2008								
East Durham	14	NextEra	Durham, ON	2015								
Exhibition Place	1	Windshare	Toronto, ON	2003								
Ferndale I	1	Capstone	Bruce County, ON	2002								
Ferndale II	2	Capstone	Bruce County, ON	2006								

Frogmore	6	GDF Suez	Norfolk, ON	2008									
Ganaraska	9	ZEP	Durham, ON	2015									
Grand Bend	48	Northland Power	Huron, ON	2016									
Grand Valley III	17	Veresen	Dufferin, ON	2016									
Grey Highlands	9	ZEP	Grey, ON	2015									
Gunn's Hill	10	Prowind	Oxford, ON	2016									
HAF	5	Vineland, IPC	Niagara, ON	2014									
Huron	5	Enbridge	Huron, ON	2002									
K2	140	Samsung, Capital	Huron, ON	2015									
MERE	2	Mother Earth	Manitoulin, ON	2012									
Napier	2	wpd Canada	Middlesex, ON	2014									
Niagara Region	77	Boralex	Niagara, ON	2016									
North Kent	36	Samsung	Chatham-Kent, ON	2016									
OPG Gomberg	1	OPG	Pickering, ON	2001									
Port Albert	1	EPCOR	Huron, ON	2001									
Port Burwell	66	GDF Suez	Norfolk, ON	2006									
Port Ryerse	4	Boralex	Norfolk, ON	2015									
Rosa Flora	1	Rosa Flora	Dunnville, ON	2006									
Snowy Ridge	5	Capstone	Grey, ON	2015									
St. Columban	15	Veresen	Huron, ON	2015									
Sumac Ridge	5	wpd Canada	Kawartha Lakes, ON	2016									
Wainfleet	5	Rankin, IPC	Niagara, ON	2014									
Zephyr	4	Green Breeze, Schneider	Lambton, ON	2012									