

8/27/2009

Project Name	Location	MW	Turbines	Model	Start-up	Developer
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Wind Power Projects in Ontario in Operation

Major projects in operation

Enbridge Ontario Wind Farm (formerly Leach)	Kincardine	181.5	110	V82 Vestas	3-Apr-09	Enbridge
Erie Shores Wind Farm	Port Burwell	99.0	66	1.5 sle GE	24-May-06	Clean Power Income Fund + AIM PowerGen
Kingsbridge I Wind Power	Goderich	39.6	22	V80 Vestas	16-Mar-06	EPCOR
Kruger Energy Port Alma	Port Alma	101.2	44	2.3 Mark II Siemens	31-Oct-08	Kruger Energy
Melancthon I	Shelburne	67.5	45	1.5 sle GE	4-Mar-06	Canadian Hydro Developers
Melancthon II (now Amaranth II)	Shelburne	132.0	88	1.5 sle GE	24-Nov-08	Canadian Hydro Developers
Prince I Wind Power	Sault Ste Marie	99.0	66	1.5 sle GE	21-Sep-06	Brookfield
Prince II Wind Power	Sault Ste Marie	90.0	60	1.5 sle GE	19-Nov-06	Brookfield
Ripley Wind Power	Ripley	76.0	38	E82 ENERCON	21-Dec-07	Suncor + Acciona
Wolfe Island Wind Project	Wolfe Island	197.8	86	2.3 Siemens	Q3, 2009	Canadian Hydro Developers

Sub total - Major

1,083.6

625

Small projects in operation

Amos Bauman	RR1 St. Clements	0.1	1		30-Sep-07	Amos Bauman
Clear Creek II Wind Farm	Clear Creek	9.9	5		13-Nov-08	AIM PowerGen Corporation
Cruickshank Wind Farm	Tiverton	9.9	5		26-Sep-08	Cruickshank Wind Farm Ltd.
Cultus Wind Farm	Clear Creek	9.9	5		12-Jun-08	AIM PowerGen Corporation
Exhibition Place Windturbine	Toronto	0.8	1		???	Toronto Hydro Energy Services Inc
Ferndale Wind Farm	Lion's Head	1.8	1		8-May-07	Sky Generation Inc
Frogmore Wind Farm	Clear Creek	9.9	5		12-Jun-08	AIM PowerGen Corporation
Jura Wind	Theford	0.3	1		17-Oct-07	Hog-Tied Farms Ltd
Kevin and Marta Queen	Keewatin	2.0	1		31-Jan-08	Kevin Queen
Mohawk Point Wind Farm	Lowbanks	9.9	5		24-Oct-08	AIM PowerGen Corporation
Port Albert Wind Farm	Goderich	0.7	1		20-Apr-07	EPCOR Renewable Power (Ontario) LP
Ravenswood Wind Farm	Forest	6.6	4		25-Jan-08	Aeolian Energy Inc (Windrush)
Pickering Wind Generating Station	Pickering	1.8	1		15-Aug-01	OPG
Huron Wind	Bruce Nuclear	9.0	5		1-Dec-02	British Energy/OPG
Bruce Wind Turbine	Bruce Nuclear	0.6	1		15-Oct-95	Ontario Hydro/Natural Resources Canada
Providence Bay Wind Farm	Providence Bay	1.6	1		25-Mar-07	Schneider Power

Sub total - Small

74.6

43

GRAND TOTAL - OPERATIONAL

1,158.2

668.0

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Project Name	Location	MW	Turbines	Model	Start-up	Developer
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Wind Power Projects in Ontario Under Development or proposed

Major OPA tendered projects under development

Bryan Wind Project	Picton	64.5	43	1.5 sle GE	Q4, 2010	SkyPower
Gosfield and Comber Wind Projects	Kingsville/Leamington	250.0	125		Q4, 2012	Brookfield Renewable Power
Greenwich Wind Farm	Thunder Bay	99.0	50		? Q4, 2011	Renewable Energy Systems Canada
Kruger Energy Chatham	Chatham-Kent	101.2	44		? Q4, 2011	Kruger Energy
Raleigh Wind Energy Centre	Chatham-Kent	82.5	55	1.5 sle GE	Q3, 2010	Raleigh Wind Power (Invenergy)
Talbot Wind Farm	Ridgetown	103.5	52		? Q4, 2011	Renewable Energy Systems Canada

Sub total - Major

700.7

369

Former RESOP projects in various phases of development (reported by OPA)

Arner Green Wind Farm	Essex	9.9	5			BWP Wind LP (Wind Prospect)
Arthur South Wind Farm A	Arthur	9.0	5			FPLE Canadian Wind, ULC (NextEra ?)
Arthur Wind Farm	Arthur	10.0	5			Schneider Power (Arthur Wind Power Inc).
Ashton Ridge Golf Course Wind Farm	Grand Valley	9.0	5			Grand Valley Wind Farms Inc (Windrush)
Ashton Ridge Wind Farm F	Grand Valley	9.9	5			Grand Valley Wind Farms Inc. (Windrush)
Big Thunder Wind Park "A"	Municipality of Neebing	10.0	5			Horizon Wind Inc
Big Thunder Wind Park "B1"	Municipality of Neebing	10.0	5			Horizon Wind Inc
Big Thunder Wind Park "B2"	Municipality of Neebing	10.0	5			Horizon Wind Inc
Bisnett Line Wind Farm	Chatham-Kent	8.8	5			Gengrowth LP 1
Bow Lake Phase 1	Montreal River Harbour	7.5	4			Vortex Wind Power Limited
Byng Wind Farm	Byng	9.9	5			AIM PowerGen Corporation
Chaudière Grinder Sluiceway Generation	Ottawa	0.7	1			Energy Ottawa Inc
Conestogo Highlands Wind Farm Project 1	Drayton	9.0	5			Invenergy Wind Canada LLC
Conestogo Highlands Wind Farm Project 2	Drayton	9.0	5			Invenergy Wind Canada LLC
Deborah Flak	Bethany	2.0	1			Deborah Flak
Edgewater Place 1	Dunnville	4.0	2			Larry Rohde
Flat Creek I Wind Farm	Blenheim	9.9	5			BWP Wind LP (Wind Prospect)
Flat Creek II Wind Farm	Blenheim	9.9	5			BWP Wind LP (Wind Prospect)
Forest Wind Farm	Forest	9.9	5			Forest Wind Power Inc
Foymount Wind Park	Eganville	9.0	5			SkyPower Corp
Front Line Wind Farm	Chatham-Kent	8.8	4			Gengrowth LP 1
Gesner Wind Farm	R.R. # Muirkirk	2.0	1			Saturn Power Inc.
Gracey Wind Farm	Lakeshore	8.8	4			Gengrowth LP 1
Grand Valley Wind Farm II	Shelburne	9.9	5			Grand Valley Wind Farms Inc (Windrush)
Haldimand Road 1	Dunnville	9.0	5			Larry Rohde
Harrow I Wind Farm	Harrow	9.9	5			AIM PowerGen Corporation
Harrow II Wind Farm	Harrow	9.9	5			AIM PowerGen Corporation
Harrow III Wind Farm	Harrow	9.9	5			AIM PowerGen Corporation
Harrow IV Wind Farm	Harrow	9.9	5			AIM PowerGen Corporation

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Harwich Wind Farm	Blenheim	9.9	5			BWP Wind LP (Wind Prospect)
Honeywood Wind Farm	Mulmur Township	10.0	5			Geilectric Inc
Huron Wind	Kincardine	9.0	5			Huron Wind LP
Innisfil 400 Wind Farm	Innisfil Twp. (Barrie)	10.0	5			Schneider Power
Intelligent NRG Inc. Project 1	Aylmer	10.0	5			Intelligent NRG Inc
Intelligent NRG Inc. Project 2	Aylmer	10.0	5			Intelligent NRG Inc
Intelligent NRG Inc. Project 3	Aylmer	10.0	5			Intelligent NRG Inc
Iona Street Wind Turbine	Ottawa	1.0	1			Starwind10 Inc
J.R. Rivest Windpower	Woodslee	5.0	3			Jeff Rivest
Kent Breeze Corp	Thamesville	10.0	5			Kent Breeze Corp
Killaloe Wind Park	Killaloe	9.0	5			SkyPower Corp
LATCAN HYDRO	Lanark	10.0	5			Egils Mierins
Laurel Wind Farm	Orangeville	9.9	5			BWP Wind LP (Wind Prospect)
Lisabeth Wind Park	Houghton Township	9.9	5			Echo Power Generation Inc
MacLeod Windmill Project Inc	Thamesville	10.0	5			MacLeod Windmill Project Inc
Madawaska Wind Project	Madawaska	9.0	5			SkyPower Corp
Marsh Line Wind Farm	Chatham-Kent	8.8	4			Gengrowth LP 1
Masonville	Shelburne	9.0	5			Malcolm Hamilton
Merlin Wind Farm	Merlin	9.9	5			M.K. Ince and Associates Ltd
Naylor Wind Farm	Lakeshore	8.8	4			Gengrowth LP 1
North Malden Wind Farm	Essex	8.8	4			Gengrowth LP 1
Ostrander Point - Phase I	County of Prince Edward	10.0	5			Gilead Power Corporation
Oxley Wind Farm	Harrow	6.0	3			Verhoeven Energy
Wasauksing Central Wind Project	Parry Island	9.0	5			SkyPower Corp + Wasauksing First Nation + Citizen Energy
Wasauksing North Wind Project	Parry Island	9.0	5			SkyPower Corp + Wasauksing First Nation + Citizen Energy
Wasauksing West Wind Project	Parry Island	9.0	5			SkyPower Corp + Wasauksing First Nation + Citizen Energy
Wasauksing South Wind Project	Parry Island	9.0	5			SkyPower Corp + Wasauksing First Nation + Citizen Energy
Plateau I	Maxwell	9.0	5			AIM PowerGen Corporation
Plateau II	Hatherton/Wareham	9.0	5			AIM PowerGen Corporation
Plateau III	Shrigley	9.0	5			AIM PowerGen Corporation
Port Colborne Wind Farm I	Port Colborne	9.9	5			G-EN LTD
PowerStream Wind System	Vaughan	2.0	1			PowerStream Inc
Proof Line Wind Farm	Forest	9.9	5			Aeolian Energy Inc
Richardson Wind Farm	Lakeshore	8.8	4			Gengrowth LP 1 (Richardson Wind Farm LP)
Robitaille Farm Wind Park	Penetanguishene	9.0	5			Ventus Energy Robataille Windpower LP
Rosa Flora Wind Turbine	Dunnville	0.6	1			Rosa Flora Growers Limited
Royal Road Wind Farm	Prince Edward Cty	24.0	13			Vision Quest (TransAlta)
Royal Road Wind Power Project 1	Prince Edward Cty	9.0	5			Canadian Hydro Developers
Royal Road Wind Power Project 2	Prince Edward Cty	9.0	5			Canadian Hydro Developers
Silver Springs Wind Farm A	Flesherton	9.9	5			Flesherton Wind Energy (Windrush)
Skyway 124	Creemore	30.0	15			Skyway Wind Group (Windrush)
Skyway 8 Wind Farm A	Dundalk	9.9	5			Skyway 8 Wind Energy Inc. (Windrush)
South Branch Wind Farm	South Mountain	10.0	5			South Branch Wind Park Inc
South Side Wind Farm	Amherstburg	8.8	4			Gengrowth LP 1
Spring Bay Wind Farm (Providence Bay Exp)	Spring Bay	6.5	4			Schneider Power
St-Joachim Wind Farm	Belle River	9.9	5			BWP Wind LP (Wind Prospect)

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Strathroy A Wind Farm	Watford	9.0	5			NextEra Energy Resources (FPLE Canadian Wind, ULC)
Strathroy B Wind Farm	Watford	9.0	5			NextEra Energy Resources (FPLE Canadian Wind, ULC)
Strathroy C Wind Farm	Mount Brydges	9.0	5			NextEra Energy Resources (FPLE Canadian Wind, ULC)
Swanton Line Wind Farm	Chatham-Kent	8.8	4			Gengrowth LP 1
Trout Creek Wind Farm	Trout Creek	10.0	5			Schneider Power (Trout Creek Wind Power Inc)
Vienna Wind Park	Bayham Township	9.9	5			Echo Power Generation Inc
Wainfleet Wind Power Development	Wainfleet	10.0	5			Regional Municipality. of Niagara & Rankin Construction
Walker Marsh Wind Farm	Harrow	9.9	5			BWP Wind LP (Wind Prospect)
Wilno Wind Park	Wilno	9.2	5			SkyPower Corp
Zephyr Farms Limited	Watford	10.0	5			Zephyr Farms Limited

Sub total - RESOP

774.5

402

Other projects either in development or proposed found since the announcement of Bill 150

	Paisley	9	5			NextEra Energy Resources (FPL Group)
	Tara	9	5			NextEra Energy Resources (FPL Group)
	Formosa	9	5			NextEra Energy Resources (FPL Group)
	Durham	18	10			NextEra Energy Resources (FPL Group)
Adelaide Wind Farm	Strathroy	68	32			AET (TCI Renewables)
Eirin Wind Farm	Forest	9	5			Ronnie Dagg + landowners
	Morpeth and Palmyra	132	66			RES Canada Inc.
	Thunder Bay	132	66			RES Canada Inc.
Family Education Centre	Port Elgin	2	1			Canadian Auto Workers (MKI)
Wilksview I & II	Sombra Twp (Sarnia)	20	10			IPC Energy (wpd AG - Germany)
Petrolia	Petrolia	10	5			IPC Energy (wpd AG - Germany)
Ballyduff I	Cty of Kawartha Lakes	10	5			IPC Energy (wpd AG - Germany)
Bellwood I & II	Fergus	20	10			IPC Energy (wpd AG - Germany)
White Pines Wind Farm Phase I	Milford	64	32			IPC Energy (wpd AG - Germany)
White Pines Wind Farm Phase II	Milford	86	43			IPC Energy (wpd AG - Germany)
Sydenham Wind Farm Phase I	Bothwell	70	35			IPC Energy (wpd AG - Germany)
St Columban 1	Huron East	10	5			CASA Engineering & Construction
St Columban 2	Huron East	10	5			CASA Engineering & Construction
	Aaran Elderslie	10	25			Leader Resources
	Kincardine	10	5			Leader Resources
	Huron Kinloss	10	5			Leader Resources
	Brocton	10	5			Leader Resources
	Twp of Wellington N.	10	5			Leader Resources
Grey Highlands Clean Energy	Grey Highlands	50	25			Energy Farms Ontario Inc.(Schneider Power)
Northern Lights Wind Park	Grey Highlands	20	10			Energy Farms Ontario Inc.(Schneider Power)
McLean's Mountain	Manitoulin Island	77	43			Northland Power
Trillium Power Wind I	South Marysburgh	700	350			Trillium Power
?	Timber Island					?
Giliad 1	South Marysburgh/Athol					Giliad Power
Giliad 2	Athol					Giliad Power
Gilead 3	Loyalist Twp.					Giliad Power

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Project Name	Location	MW	Turbines	Model	Start-up	Developer
	Murillo	130	65			Giliad Power
	Lappe	74	37			Giliad Power
	Mica Bay	350	175			Giliad Power
Ostrander Point - Phase II	County of Prince Edward	14.0	7			Gilead Power Corporation
Skypower 2	South/North Marysburgh	132	66			Skypower
Gaia 1	Athol	24	12			Gaia Power
Innerkip	Oxford County	18	9			Prowind Canada Inc.
Windlectric	Amherst Island	200	100			Gaia Power/Algonquin Power
Lambton Wind Generation Facility A	Lambton/Sarnia	9	5			Engineered Systems Power Generation + DaoPower Canada
Malahide Ridge Wind Farm	Malahide	10	5			Silvercreek Wind Energy Inc.
South Branch Windfarm		10	5			Prowind Canada Inc.
Pukwis Community Wind Park - Phase I	Georgina Island	20	10			Chippewas of Georgina Island First Nation + Windfall Ecology Centre
Pukwis Community Wind Park - Phase II	Georgina Island	34	17			Chippewas of Georgina Island First Nation + Windfall Ecology Centre
Coldwell Wind Energy Project	Marathon	100	50			Brookfield Power Wind Corp.
Bornish Wind Project	Parkhill	85	43			FPLE Canadian Wind ULC
Doyle Wind Farm		9.9	5			Wind Prospect + M.K. Ince and Associates Ltd
Boundary		10	5			Prowind Canada Inc.
Brinston		10	5			Prowind Canada Inc.
Gunn's Hill		10	5			Prowind Canada Inc.
Marlborough		20	10			Prowind Canada Inc.
Polestar		10	5			Prowind Canada Inc.
Sunol		10	5			Prowind Canada Inc.
Upper Canada		10	5			Prowind Canada Inc.
Kerr's Ridge		10	5			Prowind Canada Inc.
Beckwith		10	5			Prowind Canada Inc.
Miller's Creek		10	5			Prowind Canada Inc.
Castor River		10	5			Prowind Canada Inc.
	Georgian Bay	200	100			Henley Inlet First Nation + Wind Dancer
	Sault Ste Marie					Batchewana First Nation + Brookfield Renewable Power
	Mobert					Pic Mobert First Nation + Brookfield Renewable Power

Sub total found since Bill 150	3,124.9	1,589
GRAND TOTAL - UNDER DEV/CONTRACT	4,600.1	2,360
PROJECTED ONTARIO TOTAL	5,758.3	3,028