



ONTARIO POWER AUTHORITY



A Progress Report on Renewable Energy Standard Offer Program

September 2007

Introduction

This is the Renewable Energy Standard Offer Program (“RESOP”) Monthly Report for September 2007. The monthly report includes:

- Summary of RESOP projects
- Break-down of projects by energy source for the month of September and year to date
- Statistics on RESOP contracts executed, offered and in-progress (to-date)
- Projects reaching Commercial Operation for 2007

Additional information on the OPA’s RESOP is provided in the following pages of this report and on the OPA web site at www.powerauthority.on.ca/SOP/.

Summary of RESOP Contracts Executed by Month

Table 1: Contracts Executed by Month (rounded to nearest kW)

	Wind		Solar PV		Water Power		Bio-Energy		Total	
	#	Capacity	#	Capacity	#	Capacity	#	Capacity	#	Capacity
January	4	30,600	3	23	1	1,500	0	0	8	32,123
February	10	99,900*	0	0	1	950	3	10,251	14	111,101
March	6	49,460	6	40,006	2	18,180	0	0	14	107,646
April	8	68,650	18	10,125	0	0	3	12,660	29	91,435
May	5	49,600	5	9,142	2	3,200	1	4,625	13	66,567
June	9	89,600	9	29,238	2	200	0	0	20	119,038
July	0	0	5	68	1	250	0	0	6	318
August	6	42,902	26	20,008	1	709	3	2,843	36	66,462
September	2	10,065	18	10,095	2	4,000	3	9,010	25	33,170
Year to date	50	440,777	90	118,705	12	28,989	13	39,389	165	627,860

* 9 RESOP Contracts have been amended to increase capacity size

Chart 1: Total Capacity of RESOP Contracts per Fuel Source (Year to Date)

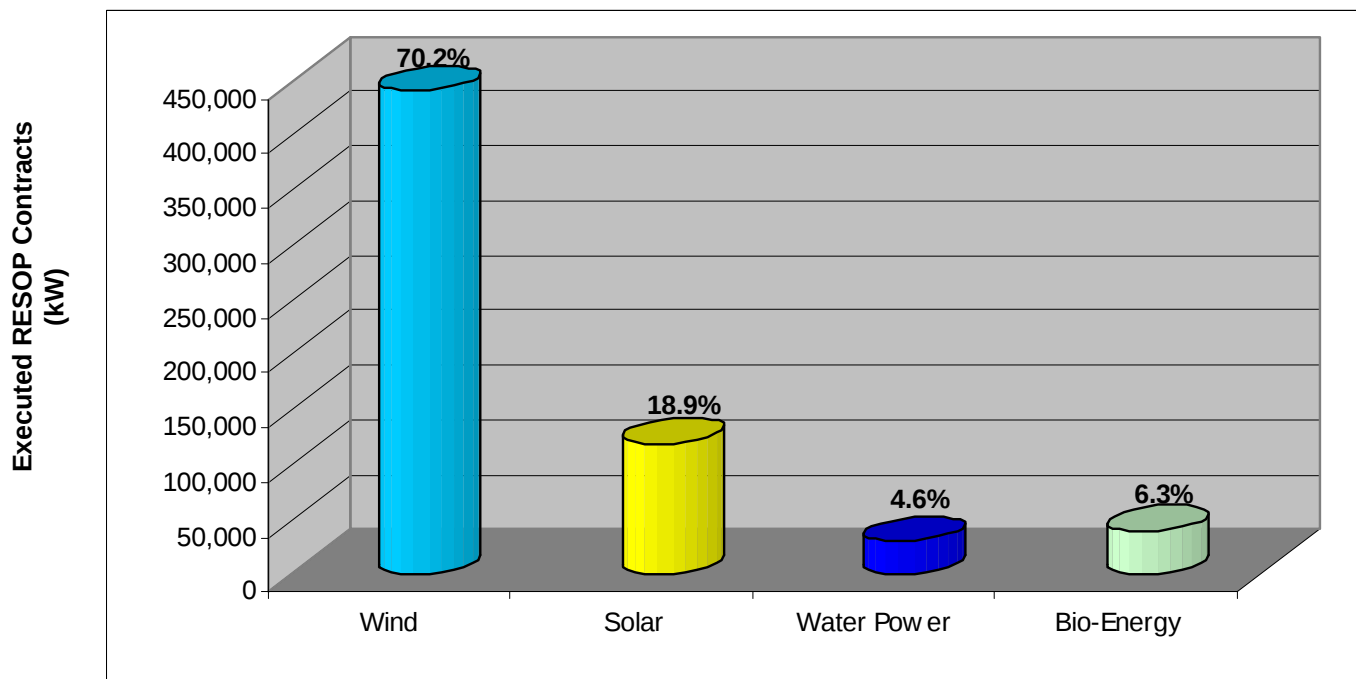
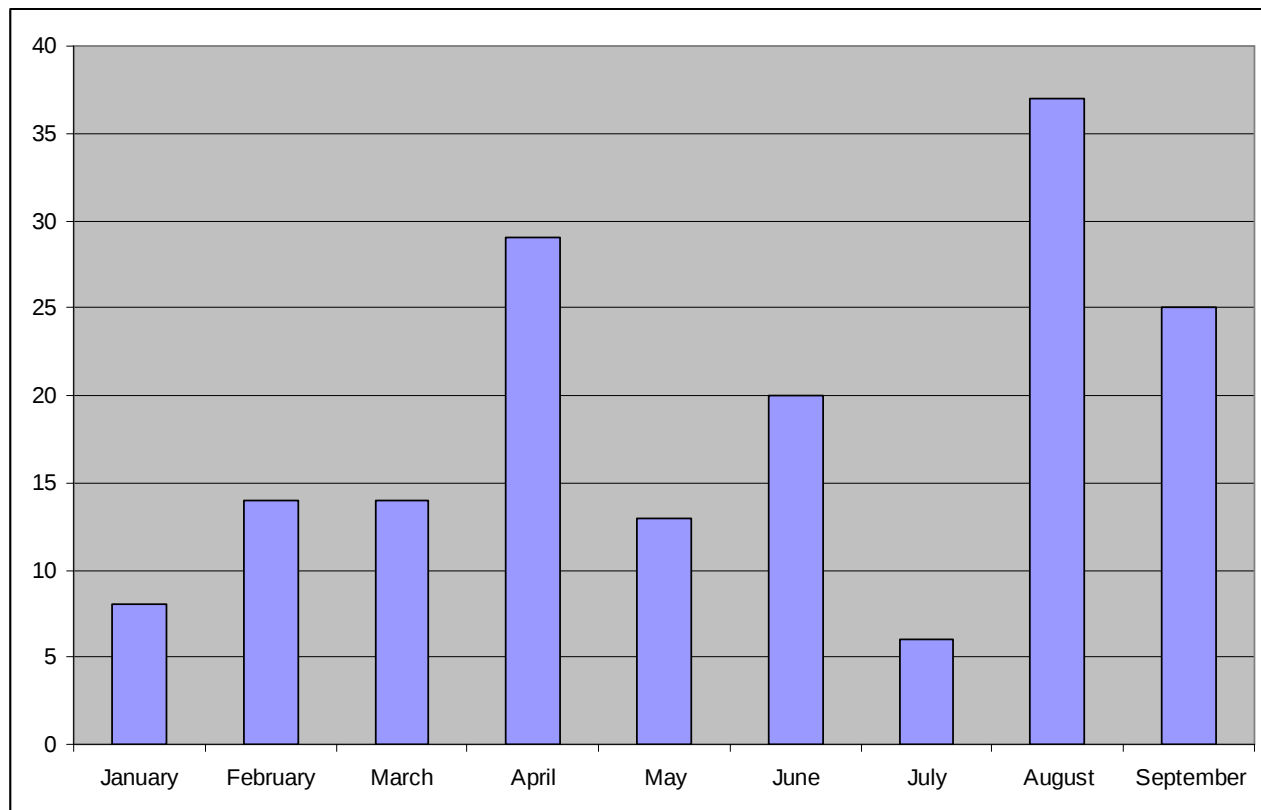


Chart 2: Total Number of Contracts Executed by Month



In the month of September, the OPA executed 25 RESOP Contracts, bringing the total to 165 executed RESOP Contracts. There are another 115 applications in process.

Break-down of Projects by Energy Source for Month of September

Contracts executed for the month of September are detailed in the following tables:

Table 2: Solar PV Contracts Executed in Month of September '07

Project Name	Project City	Proponent Name	Gross Capacity (kW)
WISE, 45 Helena	Toronto	Sandra Campbell	3
Villa St. Joseph	Cobourg	The Corporation of the Sisters of St. Jo	1
Garden Room PV	Elmvale	The Garden Room c/o Beverley Archer	10
336logan	Toronto	Phillip King	1
Solar Array # 7	Point Edward	Perchworks Corporation	10
WISE, 99 Springmount	Toronto	John Keating and Susan Noakes	3
Farm of the Maples	Milton	Jay Thoman	4
WISE, 2 Pinewood	Toronto	Alexandra D. Fischer	2
Fort William First Nations Solar Farm	Thunder Bay	SkyPower Corp.	10,000
265 Old Belleville Road	Deseronto	Marc Beaudoin	2
WISE, 434 Winona	Toronto	Kathlene Willing and Michiomi Kabayama	3
WISE, 99 Winnett	Toronto	Barbara Rahder	3
Solar Array # 2	Point Edward	Perchworks Corporation	10
Solar Array # 3	Point Edward	Perchworks Corporation	10
Solar Array # 4	Point Edward	Perchworks Corporation	10
Solar Array # 5	Point Edward	Perchworks Corporation	10
Solar Array # 6	Point Edward	Perchworks Corporation	10
WISE, 29 Tyrrel	Toronto	Raymond Whitehead	3

Table 3: Water Power Contracts Executed in Month of September '07

Project Name	Project City	Proponent Name	Gross Capacity (kW)
Welland Canal Weir 3 Generating Station	Niagara-On-The-Lake	Rankin Renewable Power Inc.	2,000
Welland Canal Weir 1 Generating Station	St. Catharines	Rankin Renewable Power Inc.	2,000

Table 4: Bio-Energy Power Contracts Executed in Month of September '07

Project Name	Project City	Proponent Name	Gross Capacity (kW)
Petrolia Renewable Energy Project	Petrolia	Bluewater Power Generation Corporation	3200
Liberty Energy Centre	Hamilton	Liberty Energy, Inc.	5,760
Fepro Farms (Klaesi Farm)	Cobden	Paul Klaesi	50

Table 5: Wind Power Contracts Executed in Month of September '07

Project Name	Project City	Proponent Name	Gross Capacity (kW)
Amos Bauman	RR1 St. Clements	Amos Bauman	65
Intelligent NRG Inc. Project 1	Aylmer	Intelligent NRG Inc.	10,000

Break-down of Projects by Energy Source Year-to-Date

Contracts executed to date are detailed in the following tables:

Table 4: Wind Contracts Executed to Date

Project Name	Project City	Proponent Name	Gross Capacity (kW)
Amos Bauman	RR1 St. Clements	Amos Bauman	65
Ashton Ridge Golf Course Wind Farm	Grand Valley	Grand Valley Wind Farms Inc.	9,000
Ashton Ridge Wind Farm F	Grand Valley	Grand Valley Wind Farms Inc.	9,900
Bisnett Line Wind Farm	Chatham-Kent	Gengrowth LP 1	10,000
Byng Wind Farm	Byng	AIM PowerGen Corporation	9,900
Conestogo Highlands Wind Farm Project 1	Drayton	Invenenergy Wind Canada LLC	9,000
Conestogo Highlands Wind Farm Project 2	Drayton	Invenenergy Wind Canada LLC	9,000
Cruikshank Wind Farm	Tiverton	Cruikshank Wind Farm Ltd.	9,900
Cultus Wind Farm	Clear Creek	AIM PowerGen Corporation	9,900
Exhibition Place Windturbine	Toronto	Toronto Hydro Energy Services Inc.	750
Ferndale Wind Farm	Lion's Head	Sky Generation Inc.	1,800
Forest Wind Farm	Forest	Forest Wind Power Inc.	9,900
Frogmore Wind Farm	Clear Creek	AIM PowerGen Corporation	9,900
Front Line Wind Farm	Chatham-Kent	Gengrowth LP 1	10,000
Gracey Wind Farm	Lakeshore	Gengrowth LP 1	10,000
Grand Valley Wind Farm II A	Shelburne	Grand Valley Wind Farms Inc.	9,900
Intelligent NRG Inc. Project 1	Aylmer	Intelligent NRG Inc.	10,000
Kevin and Marta Queen	Keewatin	Kevin Queen	2
Lakehead 1	Thunder Bay	Ventus Energy Lakehead Windpower LP	9,000
Lakehead 10 Wind Park	Thunder Bay	Ventus Energy Lakehead Windpower LP	10,000
Lakehead 2 Wind Park	Thunder Bay	Ventus Energy Lakehead Windpower LP	10,000
Lakehead 3 Wind Park	Thunder Bay	Ventus Energy Lakehead Windpower LP	10,000
Lakehead 4 Wind Park	Thunder Bay	Ventus Energy Lakehead Windpower LP	10,000
Lakehead 5 Wind Park	Thunder Bay	Ventus Energy Lakehead Windpower LP	10,000

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Lakehead 6	Thunder Bay	Ventus Energy Lakehead Windpower LP	10,000
Lakehead 7 Wind Park	Thunder Bay	Ventus Energy Lakehead Windpower LP	10,000
Lakehead 8 Wind Park	Thunder Bay	Ventus Energy Lakehead Windpower LP	10,000
Lakehead 9 Wind Park	Thunder Bay	Ventus Energy Lakehead Windpower LP	10,000
Laurel Wind Farm	Orangeville	Wind Prospect Inc	9,900
Marsh Line Wind Farm	Chatham-Kent	Gengrowth LP 1	10,000
Merlin Wind Farm	Merlin	M.K. Ince and Associates Ltd.	9,900
Mohawk Point Wind Farm	Lowbanks	AIM PowerGen Corporation	9,900
Naylor Wind Farm	Lakeshore	Gengrowth LP 1	10,000
North Malden Wind Farm	Essex	Gengrowth LP 1	10,000
Oxley Wind Farm	Harrow	Verhoeven Energy	6,000
Port Albert Wind Farm	Goderich	EPCOR Renewable Power (Ontario) L. P.	660
Port Colborne Wind Farm I	Port Colborne	G-EN LTD.	9,900
Proof Line Wind Farm	Forest	Aeolian Energy Inc.	9,900
Ravenswood Wind Farm	Forest	Aeolian Energy Inc.	9,900
Richardson Wind Farm	Lakeshore	Gengrowth LP 1	10,000
Robitaille Farm Wind Park	Penetanguishene	Ventus Energy Robitaille Windpower LP	9,000
Royal Road 1 Wind Power Project	near Milford/Athol	Canadian Hydro Developers, Inc.	9,000
Royal Road 2 Wind Power Project	near Milford/Athol	Canadian Hydro Developers, Inc.	9,000
Silver Springs Wind Farm A	Flesherton	Flesherton Wind Energy	9,900
Skyway 8 Wind Farm A	Dundalk	Skyway 8 Wind Energy Inc.	9,900
South Side Wind Farm	Amherstburg	Gengrowth LP 1	10,000
Swanton Line Wind Farm	Chatham-Kent	Gengrowth LP 1	10,000
The Arthur Wind Farm	Arthur	Arthur Wind Power Inc.	10,000
The Trout Creek Wind Farm	Trout Creek	Trout Creek Wind Power Inc.	10,000
Wainfleet Wind Power Development	Wainfleet	Regional Municipality. of Niagara & Rankin Construction	10,000

Table 5: Solar PV Contracts Executed to Date

Project Name	Project City	Proponent Name	Gross Capacity (kW)
29 Bernard Avenue	Toronto	Ann Marie Keating	2
851-10kW	Kawartha Lakes / Somerville	Community Hydro Corporation	10
AG ENERGY SOLAR ROOF	Guelph	Ag Energy Co-operative Ltd.	9.9
Albemarle Ridge Solar Home	Toronto	Lesley Mang , David Lang	2
ARISE Technologies Alpha One	Waterloo	Ian and Cathy Maclellan	8
Barrie's Asparagus	Cambridge	Tim Barrie	3
Belleville Solar House	Belleville	Sophia King	5
Beverstein	RR3 Mansfield	Alan Beverstein	3
Board of Governors of Exhibition Place	Toronto	Board of Governors of Exhibition Place	100
Bowlker Rd Solar Project	Thunder Bay	SkyPower Corp.	9,120
Campbellville Country Court	Campbellville	Stonegate Properties Inc.	5
Consulting Cadre/Clarity Healthcare	Toronto	Consulting Cadre International Inc.	3
Cumberland Photovoltaic Project	Mississauga	Jocelyn Lovell	6
Curtis Nickel Solar Gridtie Project	Sydenham	Curtis Nickel	4
Ehrlich/ Campbell	Caledon	Barbara Campbell	3
Gregory Steele	Etobicoke	Gregory Steele	3
Greylawn Crescent Solar Project	Toronto	Doug Hutchinson	1
Hawkrich Solar Installation	Toronto	David & Helen Ullrich & Hawketts	2
Hershey Centre Photovoltaic Installation	Mississauga	City of Mississauga	25
Hillesum Farm	Campbellville	Red Rabbit Energy Corp.	10
Hinrich Farm	Beverly	Anne Hinrich	3
Hone Heke Hydro	Burlington	Teresa Seaton	4
Jordens RoofTop PV Solar	Oxdrift (Van Horne Township)	Douglas F Jordens	3
Kevin and Marta Queen (solar)	Keewatin	Kevin Queen	4
Little WhiteFish	Toronto	Susan Dexter Young	3
Louis #1	Madoc	Louis Sytsma	3

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MACV Holdings	Picton	MACV Holdings	3
MEC Building Toronto	Toronto	RESCo Energy Inc.	8
Miller PV 190 Collingwood Kingston	Kingston	Robert Miller	1
Petrolia Solar 1	Petrolia	OptiSolar Farms Canada Inc.	10,000
Petrolia Solar 2	Petrolia	OptiSolar Farms Canada Inc.	10,000
PGG1	Sault Sainte Marie	Pod Generating Group	9,960
PGG002	Sault Sainte Marie	Pod Generating Group	9,960
Pleasant Vallay Solar	South Mountain	Chris Hallam	10
Powered by Zeuter	Parry Sound	Zeuter Development Corporation	1
Powered by Zeuter	Parry Sound	Zeuter Development Corporation	1
Powered by Zeuter	Parry Sound	Zeuter Development Corporation	1
Powered by Zeuter	Parry Sound	Zeuter Development Corporation	1
Pulver Power	Toronto	Na Ana Pulver	2
Q241 Ross	Milford	Don Ross	2
Queen's University Goodwin PVA	Kingston	Faculty of Applied Science	20
Region of Waterloo EMS Building 20kW PV	Cambridge	Region of Waterloo	20
RISE on Ashdale	Toronto	Peter Bird	2
Ryerse Solar Farm	Port Dover	SkyPower Corp	9,120
Salvatore Amenta	Stouffville	Salvatore Amenta	3
Sarnia Solar 1	Sarnia	OptiSolar Farms Canada Inc.	10,000
Sarnia Solar 2	Sarnia	OptiSolar Farms Canada Inc.	10,000
Sarnia Solar 3	Sarnia	OptiSolar Farms Canada Inc.	10,000
Sarnia Solar 4	Sarnia	OptiSolar Farms Canada Inc.	10,000
Sarnia Solar 5	Sarnia	OptiSolar Farms Canada Inc.	10,000
Smokey Creek Farm Solar System	Arthur	Peter Carrie	10
Smokey Creek Farm Solar System 2	Arthur	Peter Carrie	10
Solar Array #1	Point Edward	Perchworks Corporation	10
Solar Panels	Toronto	Nora Long/Michael McCoy	1
Sunshine	Toronto	Maria Bucholc & Mark Wright	1

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The Hansen Farm	Enterprise	Hans J Hansen	6
Watts Up	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-1	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-10	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-2	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-3	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-4	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-5	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-6	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-7	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-8	Newcastle	Watts Up Solar	9
Watts Up Solar 2007-9	Newcastle	Watts Up Solar	9
WISE, 133 Grace	Toronto	Stephan Gustajtis	5
WISE, 86 Pinewood	Toronto	Arun Mukherjee	2
WISE, 31 Pinewood	Toronto	Sheila Goldberg	2
WISE, 26 Biggar	Toronto	Beverley Jackson and Aubrey Spring	2
WISE, 158 Arlington	Toronto	Judith Silver	2
WISE, 45 Helena	Toronto	Sandra Campbell	3
Villa St. Joseph	Cobourg	The Corporation of the Sisters of St. Jo	1
Garden Room PV	Elmvale	The Garden Room c/o Beverley Archer	10
336logan	Toronto	Phillip King	1
Solar Array # 7	Point Edward	Perchworks Corporation	10
WISE, 99 Springmount	Toronto	John Keating and Susan Noakes	3
Farm of the Maples	Milton	Jay Thoman	4
WISE, 2 Pinewood	Toronto	Alexandra D. Fischer	2
Fort William First Nations Solar Farm	Thunder Bay	SkyPower Corp.	10,000
265 Old Belleville Road	Deseronto	Marc Beaudoin	2
WISE, 434 Winona	Toronto	Kathlene Willing and Michiomi Kabayama	3
WISE, 99 Winnett	Toronto	Barbara Rahder	3

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Solar Array # 2	Point Edward	Perchworks Corporation	10
Solar Array # 3	Point Edward	Perchworks Corporation	10
Solar Array # 4	Point Edward	Perchworks Corporation	10
Solar Array # 5	Point Edward	Perchworks Corporation	10
Solar Array # 6	Point Edward	Perchworks Corporation	10
WISE, 29 Tyrrel	Toronto	Raymond Whitehead	3

Table 6: Water Power Contracts Executed to Date

Project Name	Project City	Proponent Name	Gross Capacity (kW)
Chaudière Grinder Sluiceway Generation	Ottawa	Energy Ottawa Inc.	709
Gitchi Animki Bezhig	Herrick Lake Area Township	Pic Mober Hydro Power Joint Venture	8,280
Gitchi Animki Niizh	Brothers Township	Pic Mober Hydro Power Joint Venture	9,900
High Falls	Bracebridge	Bracebridge Generation Ltd.	1500
McLeod Dam	Belleville	Quinte Conservation	950
Misema Hydroelectric Plant	Marter Township	Canadian Renewable Energy Corporation	3,100
Pinkerton Power (Joyrun Farms Inc)	Pinkerton	Joyrun Farms Inc./John and Irma DeVries	100
Ron Klages Power	Chesley	Ron Klages	80
Thornbury G.S.	Thornbury	Grandview Farms	120
Welland Canal Weir 1 Generating Station	St. Catharines	Rankin Renewable Power Inc.	2,000
Welland Canal Weir 3 Generating Station	Niagara-On-The-Lake	Rankin Renewable Power Inc.	2,000
Wilson's Mill	Fergus	Wilson's Mill Power Inc.	250

Table 7: Bio-Energy Contracts Executed to Date

Project Name	Project City	Proponent Name	Gross Capacity (kW)
Landfill			
Britannia Landfill Gas Utilization	Mississauga	Integrated Gas Recovery Services Inc.	5,625
Classic Power – Aurora	Aurora	Classic Power Corporation	1,060
East Quarry Landfill Gas Utilization	Thorold	Glenridge Gas Utilization Inc.	1,063

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Halton Landfill Biogas Generation	Milton	Oakville Hydro Energy Services Inc.	2,126
Petrolia Renewable Energy Project	Petrolia	Bluewater Power Generation Corporation	3200
Sarnia Landfill Renewable Energy Project	Sarnia	Sarnia Hydro Energy Services	1,600
Sudbury Landfill Gas Generation Project	Sudbury	1700211 Ontario Inc.	1,600
Waterloo Landfill Gas Power Plant	Waterloo	Toromont Energy Limited	4,625
Biomass			
Atikokan Energy Generation Ltd	Atikokan	Delta Energy Co Ltd	10,000
Liberty Energy Centre	Hamilton	Liberty Energy, Inc.	5,760
Biofuel			
Fepro Farms (Klaesi Farm)	Cobden	Paul Klaesi	50
Terryland Farms Inc	St-Eugene	George Heinzle	180
West Lorne BioOil Co-Generation	West Lorne	West Lorne BioOil Co-Generation LP	2,500

Projects Reaching Commercial Operation

Projects that have reached Commercial Operation to date are listed below:

Table 8: Executed Contracts that have reached COD to Date

Project Name	Project LDC	Project Source	Gross Capacity (kW)	Actual Commercial Operation Date
High Falls	Lakeland Power Distribution Ltd.	Water	1,500	29/01/2007
Britannia Landfill Gas Utilization	Enersource Hydro Mississauga	LandFill	5,625	27/03/2007
Port Albert Wind Farm	Hydro One Networks Inc.	Wind	660	20/04/2007
Ferndale Wind Farm	Hydro One Networks Inc.	Wind	1,800	08/05/2007
Miller PV 190 Collingwood Kingston	Utilities Kingston	SolarPV	1	09/05/2007
Misema Hydroelectric Plant	Hydro One Networks Inc.	Water	3,100	10/05/2007
Classic Power - Aurora	Powerstream Inc.	LandFill	1,060	15/05/2007
Waterloo Landfill Gas Power Plant	Kitchener Wilmot Hydro Inc.	LandFill	4,625	18/05/2007
Louis #1	Hydro One Networks Inc.	SolarPV	3	24/05/2007
Watts Up	Hydro One Networks Inc.	SolarPV	9	13/06/2007

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Halton Landfill Biogas Generation	Milton Hydro	LandFill	2,126	18/06/2007
Hone Heke Hydro	Burlington Hydro	SolarPV	4	21/06/2007
ARISE Technologies Alpha One	Waterloo North Hydro	SolarPV	8	26/06/2007
Cumberland Photovoltaic Project	Enersource Hydro Mississauga	SolarPV	6	30/06/2007
Ron Klages Power	Hydro One Networks Inc.	Water	80	06/07/2007
Board of Governors of Exhibition Place	Toronto Hydro Electric System	SolarPV	100	09/07/2007
Pinkerton Power (Joyrun Farms Inc)	Hydro One Networks Inc.	Water	100	19/07/2007
Sudbury Landfill Gas Generation Project	Greater Sudbury Hydro Inc.	LandFill	1,600	30/07/2007
Queen's University Goodwin PVA	Utilities Kingston	SolarPV	20	01/08/2007
Smokey Creek Farm Solar System	Hydro One Networks Inc.	SolarPV	10	10/08/2007
Wilson's Mill	Centre Wellington Hydro Ltd.	Water	250	17/08/2007
Region of Waterloo EMS Building 20kW PV	Cambridge and North Dumfries Hydro Inc.	SolarPV	20	21/08/2007
Hinrich Farm	Hydro One Networks Inc.	SolarPV	3	24/08/2007
Greylawn Crescent Solar Project	Toronto Hydro Electric System	SolarPV	1	27/08/2007
The Hansen Farm	Hydro One Networks Inc.	SolarPV	6	31/08/2007
Pulver Power	Toronto Hydro Electric System	SolarPV	2	01/09/2007
Terryland Farms Inc	Hydro One Networks Inc.	Biogas	180	07/09/2007
Salvatore Amenta	Hydro One Networks Inc.	SolarPV	3	07/09/2007
Little WhiteFish	Toronto Hydro Electric System	SolarPV	3	10/09/2007
Solar Panels	Toronto Hydro Electric System	SolarPV	1	10/09/2007
Q241 Ross	Hydro One Networks Inc.	SolarPV	2	11/09/2007
29 Bernard Avenue	Toronto Hydro Electric System	SolarPV	2	30/09/2007
Amos Bauman	Waterloo North Hydro	Wind	65	30/09/2007
336logan	Toronto Hydro Electric System	SolarPV	1	30/09/2007
Gregory Steele	Toronto Hydro Electric System	SolarPV	3	02/08/2008

Projects with an Option Agreement

Projects that have an executed Option Agreement are listed below:

Table 10: Option Agreements Executed in '07

Project Name	Project City	Proponent Name	Gross Capacity (kW)
Ferndale V82's	Lion's Head	Sky Generation Inc.	3,300