



ONTARIO POWER AUTHORITY



# A Progress Report on Renewable Energy Standard Offer Program

January 2009

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# Introduction

This progress report is prepared monthly to provide updates on the electricity supply contracts currently being managed by the Ontario Power Authority (OPA) for the Renewable Energy Standard Offer Program (RESOP).

As of January 31<sup>st</sup>, 2009, a total of 433 contracts representing 1,411,548 kilowatts of renewable energy supply had been executed under the Program. Of the contracts executed 171 projects, representing 106,112 kilowatts are in commercial operation.

The monthly report for January 2009 includes:

- Summary of RESOP contracts
- Breakdown of contracts by energy source for the month of January and to-date
- Statistics on RESOP contracts executed, in the application stage and in commercial operation (to-date)
- Contracts that have reached Commercial Operation in 2009

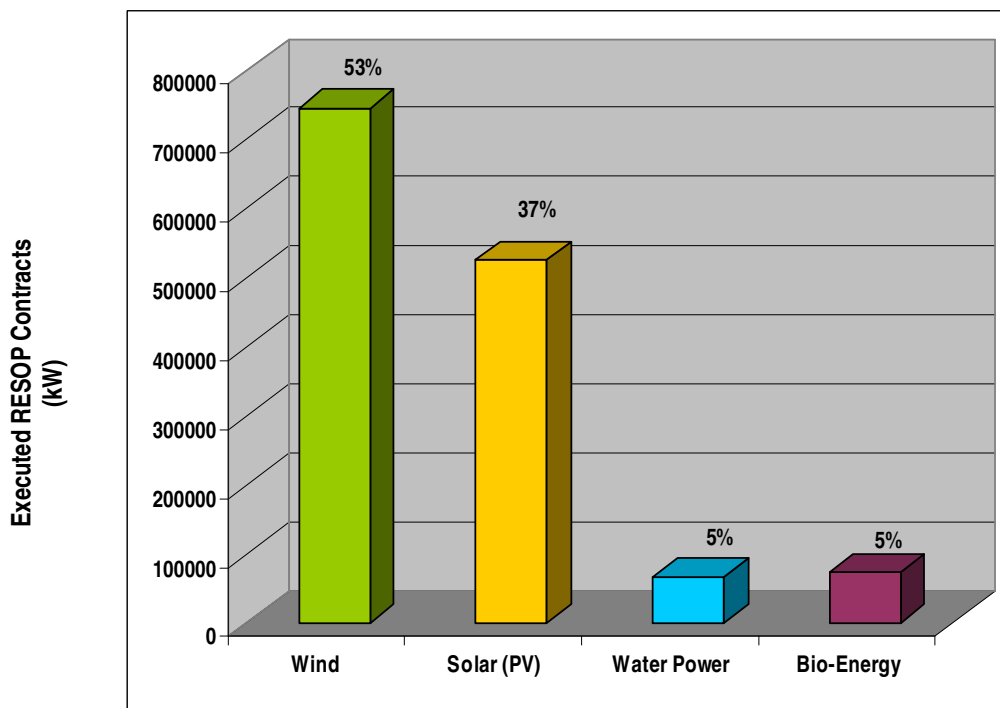
Additional information on the OPA's RESOP is provided in the following pages of this report and on the OPA web site at [www.powerauthority.on.ca/SOP/](http://www.powerauthority.on.ca/SOP/).

# Summary of RESOP Contracts Executed by Month

|                                 | CONTRACTS EXECUTED BY MONTH<br>(rounded to the nearest kW) |          |            |          |            |          |            |          |       |           |
|---------------------------------|------------------------------------------------------------|----------|------------|----------|------------|----------|------------|----------|-------|-----------|
|                                 | WIND                                                       |          | SOLAR (PV) |          | WATERPOWER |          | BIO-ENERGY |          | TOTAL |           |
|                                 | #                                                          | Capacity | #          | Capacity | #          | Capacity | #          | Capacity | #     | Capacity  |
| 2007                            | 65                                                         | 566,027  | 145        | 252,141  | 14         | 31,829   | 17         | 61,378   | 241   | 911,375   |
| 2008                            | 39                                                         | 280,142  | 145        | 249,743  | 6          | 35,050   | 4          | 10,340   | 194   | 575,275   |
| January 2009                    | 0                                                          | 0        | 9          | 39       | 0          | 0        | 0          | 0        | 9     | 39        |
| Amendments/Changes <sup>1</sup> | -11 <sup>1</sup>                                           | -100,653 | N/A        | 23,502   | N/A        | N/A      | N/A        | 2,010    | -11   | -75,141   |
| TO-DATE (ACTUAL)                | 93                                                         | 745,516  | 299        | 525,425  | 20         | 66,879   | 21         | 73,728   | 433   | 1,411,548 |

<sup>1</sup> Amendments and contract changes that affect the total capacity and contracts.

## Total Capacity of Executed Contracts per Fuel Source (To-Date)



In the month of January, the OPA executed 9 RESOP contracts bringing the total to 433 executed RESOP contracts. There are another 16 applications being processed.

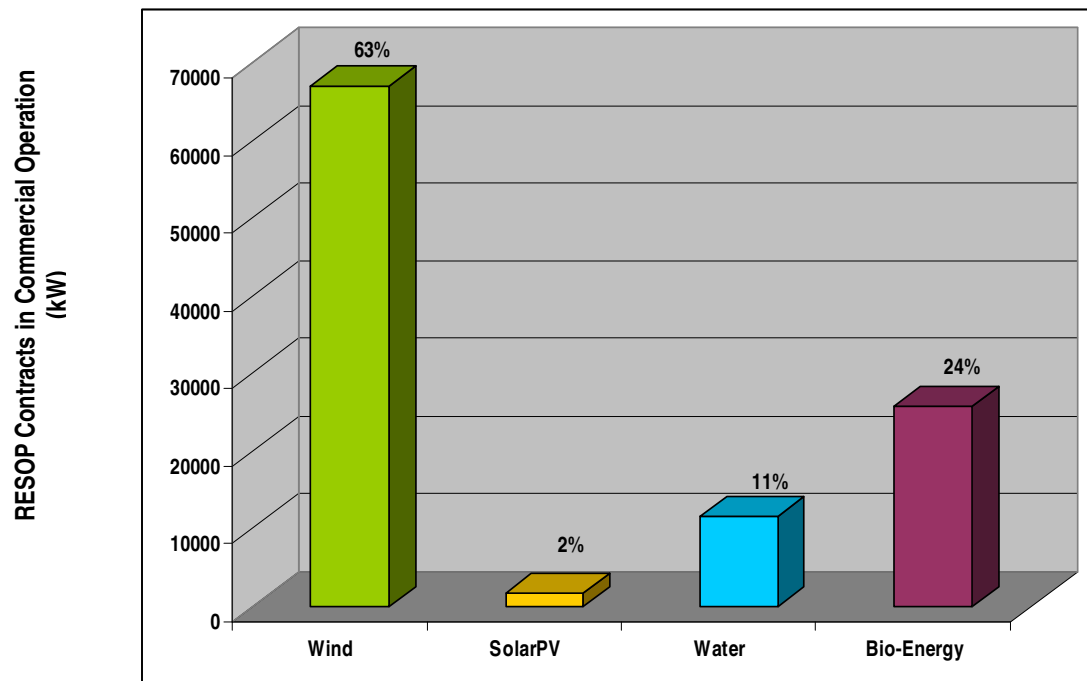
## Breakdown of Contracts by Energy Source

| SOLAR CONTRACTS EXECUTED IN JANUARY 2009<br><b>39.05kW</b> |           |                   |                     |
|------------------------------------------------------------|-----------|-------------------|---------------------|
| Project Name                                               | Location  | Proponent Name    | Gross Capacity (kW) |
| Emile Stevens                                              | Brampton  | Emile Stevens     | 3.04                |
| Ken Williams                                               | Orillia   | Mr. Ken Williams  | 1.71                |
| SolarPV Project                                            | Toronto   | Rosemary Speirs   | 1.00                |
| Eco-Energy Reserves                                        | Nepean    | Chris Hallam      | 4.20                |
| Tullo, Joe                                                 | Etobicoke | Joe Tullo         | 6.12                |
| Brouillette Solar Station                                  | Tecumseh  | TradingSpree Inc. | 5.28                |
| Thomsen Residence                                          | Kingston  | Volker Thomsen    | 5.00                |
| Fire Station #334 Solar PV Project                         | Toronto   | City of Toronto   | 3.20                |
| Caemmerer Solar Grid Tie                                   | Milton    | Monika Caemmerer  | 9.50                |

## Contracts in Commercial Operation

| CONTRACTS IN COMMERCIAL OPERATION<br>(rounded to the nearest kW) |      |          |            |          |            |          |            |          |       |          |
|------------------------------------------------------------------|------|----------|------------|----------|------------|----------|------------|----------|-------|----------|
|                                                                  | WIND |          | SOLAR (PV) |          | WATERPOWER |          | BIO-ENERGY |          | TOTAL |          |
|                                                                  | #    | Capacity | #          | Capacity | #          | Capacity | #          | Capacity | #     | Capacity |
| 2007                                                             | 5    | 3,525    | 51         | 340      | 7          | 6,579    | 9          | 18,378   | 72    | 28,822   |
| 2008                                                             | 8    | 63,452   | 72         | 1,321    | 4          | 5,070    | 3          | 7,400    | 87    | 77,243   |
| January 2009                                                     | 0    | 0        | 12         | 47       | 0          | 0        | 0          | 0        | 12    | 47       |
| TO-DATE                                                          | 13   | 66,977   | 135        | 1,708    | 11         | 11,649   | 12         | 25,778   | 171   | 106,112  |

**Total Capacity in Commercial Operation per Fuel Source (To-Date)**



| CONTRACTS IN COMMERCIAL OPERATION IN 2009<br>46.58 kW TOTAL |                               |                     |                           |
|-------------------------------------------------------------|-------------------------------|---------------------|---------------------------|
| Project Name                                                | Contract LDC                  | Gross Capacity (kW) | Commercial Operation Date |
| SOLAR (PV)<br>46.58 kW TOTAL                                |                               |                     |                           |
| 2182219 Ontario Inc. c/o Darl Crick                         | Hydro One Networks Inc.       | 2.72                | 29/01/2009                |
| Gabriele Bautz                                              | Oakville Hydro                | 2.28                | 29/01/2009                |
| Emile Stevens                                               | Hydro One Brampton            | 3.04                | 29/01/2009                |
| Shirley and Son                                             | Hydro One Networks Inc.       | 10.00               | 23/01/2009                |
| Mike Brigham's Home PV System                               | Toronto Hydro Electric System | 5.80                | 22/01/2009                |
| Nancy & Norman Hart                                         | Hydro One Networks Inc.       | 0.90                | 22/01/2009                |
| H Kruger                                                    | Hydro One Networks Inc.       | 3.96                | 19/01/2009                |
| WISE II, 36 Sellmar                                         | Toronto Hydro Electric System | 2.00                | 15/01/2009                |
| Now House                                                   | Toronto Hydro Electric System | 2.88                | 12/01/2009                |
| Yelda Miedema's Solar Grid Tie Project                      | Hydro One Networks Inc.       | 4.00                | 05/01/2009                |
| RePeter Solar                                               | Hydro One Networks Inc.       | 7.00                | 01/01/2009                |
| Patrick Brown                                               | Barrie Hydro                  | 2.00                | 01/01/2009                |

## Contracts with an Option Agreement

| EXECUTED OPTION AGREEMENTS TO-DATE<br>6,600 kW TOTAL |             |                     |                     |               |
|------------------------------------------------------|-------------|---------------------|---------------------|---------------|
| Contract Name                                        | Location    | Generator           | Gross Capacity (kW) | Date Executed |
| Ferndale V82's                                       | Lion's Head | Sky Generation Inc. | 3,300.00            | 7-Jun-07      |
| Ravenswood Wind Farm                                 | Forest      | Sky Generation Inc. | 3,300.00            | 31-Oct-07     |