

| Class  | Description   | Name Plate Capacity   | Approvals Required     | Consultation   |
|--|---|---|------------------------|--|
| <b>Solar Facilities</b> are facilities at which one or more solar photovoltaic collector panels or devices use light to generate electricity.  |   |   |                        |  |
| Class 1  | Mounted in any location   | Less than or equal to 10 kW                                   | None                   | None   |
| Class 2  | Roof of a building  | All Capacities  | Building Permit*       | None   |
| Class 3  | Any location other than the roof or wall of a building  | Greater than 10kW   | REA                    | Two public meetings, consultation with aboriginal community and municipality.  |
| <b>Wind Facilities</b> are facilities at which wind is used to generate electricity through the use of one or more wind turbines.  |   |   |                        |  |
| Class 1  | No part of the turbine is in direct contact with surface water (excluding a wetland)  | Less than or equal to 3kW                                     | None                   | None   |
| Class 2  | No part of the turbine is in direct contact with surface water (excluding a wetland)  | Between 3 kW and 50kW   | REA<br>Building Permit | None   |
| Class 3  | No part of the turbine is in direct contact with surface water (excluding a wetland)  | Equal to or greater than 50kW, sound level less than 102dBA   | REA<br>Building Permit | Two public meetings, consultation with aboriginal community and municipality.  |
| Class 4  | No part of the turbine is in direct contact with surface water (excluding a wetland)  | 50 kW or greater, sound level equal to or greater than 102dBA | REA<br>Building Permit | Two public meetings, consultation with aboriginal community and municipality.  |
| Class 5  | Any part of the turbine is in direct contact with surface water.  | Any   | REA<br>Building Permit | Two public meetings, consultation with aboriginal community and municipality.  |
| <b>Anaerobic Digestion Facilities</b> are facilities at which biogas made from the decomposition of organic matter by bacteria in an oxygen-limiting environment is used to generate electricity.  |   |   |                        |  |
| Class 1  | On a farm, using biomass grown to generate electricity, agricultural waste biomass within meaning of Regulation 347 of Environmental Protection Act and/or farm material. | Any   | REA<br>Building Permit | Consultation with aboriginal community and municipality only.  |
| Class 2  | On a farm, using any other organic matter or source separated organics.   | Any   | REA<br>Building Permit | Consultation with aboriginal community and municipality only.  |
| Class 3  | Any non-farm location, using biomass, source separated organics or farm material  | Any   | REA<br>Building Permit | Two public meetings, consultation with aboriginal community and municipality.  |
| <b>Thermal Treatment Facilities</b> are facilities at which thermal treatment (through incineration, gasification, pyrolysis or plasma arc treatment) of organic matter (matter derived from a plant or animal and is available on a natural renewable basis, but not including organic waste separated from other waste under a program operated by or for a municipality) is used to generate electricity. |   |   |                        |  |
| Class 1  | Any location, using wood waste  | Any   | REA<br>Building Permit | If on a farm: Consultation with aboriginal community, municipality only. For all other facilities: Two public meetings, consultation with aboriginal community and municipality. |
| Class 2  | On a farm, using any biomass that is not solely wood waste  | Any   | REA<br>Building Permit | Consultation with aboriginal community and municipality only.  |
| Class 3  | Any non-farm location, using any biomass that is not solely wood waste.   | Any   | REA<br>Building Permit | Two public meetings, consultation with aboriginal community and municipality.  |

\* A Face Area equal to or greater than 5 m<sup>2</sup>

REA = Renewable Energy Approval

## Helpful Contacts

### Renewable Energy Facilitation Office

Ministry of Energy and Infrastructure

Ph: 1-877-440-REFO (7336)

(416) 212-6582

Fax: (416) 314-2175

[REFO@ontario.ca](mailto:REFO@ontario.ca)

[www.mei.gov.on.ca](http://www.mei.gov.on.ca)

### Renewable Energy Team

Environmental Assessment and Approval Branch

Ministry of the Environment

Ph: 1-800-461-6290

(416) 314-8001

Fax: (416) 314-8452

[EAABgen.moe@ontario.ca](mailto:EAABgen.moe@ontario.ca)

[www.ene.gov.on.ca](http://www.ene.gov.on.ca)

### Renewable Energy Program

Ministry of Natural Resources

Ph: (705) 755-5041

Fax: (705) 755-1206

[renewable.mnr@ontario.ca](mailto:renewable.mnr@ontario.ca)

[www.mnr.gov.on.ca](http://www.mnr.gov.on.ca)

### Ministry of Transportation

Corridor Management and Property Section

301 St. Paul Street,

St. Catharines, ON L2R 7R4

Ph: (905) 704-2250

[www.mto.gov.on.ca](http://www.mto.gov.on.ca)

### Conservation Authorities

List and Contact Information for all

Conservation Authorities

Ph: (905) 895-0716

Fax: (905) 895-0751

[info@conservationontario.ca](mailto:info@conservationontario.ca)

[www.conservation-ontario.on.ca](http://www.conservation-ontario.on.ca)

### Fisheries and Oceans Canada

Ph: (613) 993-0999

[info@dfo-mpo.gc.ca](mailto:info@dfo-mpo.gc.ca)

[www.dfo-mpo.gc.ca](http://www.dfo-mpo.gc.ca)

### Environment Canada

Environment Assessment Section

Ph: (905) 336-4953

[www.ec.gc.ca](http://www.ec.gc.ca)

### Parks Canada

Ph: 1-888-773-8888

[www.pc.gc.ca](http://www.pc.gc.ca)

### Natural Resources Canada

Ph: (613) 995-0947

[www.nrcan-rncan.gc.ca](http://www.nrcan-rncan.gc.ca)

### Canadian Environmental Assessment Agency

Ontario Region Office

Ph: (416) 952-1576

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