

System	Details	Building Permit	REA
Wind Turbine	Building mounted (Permit Submission 1, 2, 4.a, 4.b, 4.c)	Yes	No
	Free standing with capacity $\leq 3\text{kW}$	No	No
	Free standing with capacity $> 3\text{ kW}$ (Permit Submission 1, 2, 3, 4.a, 4.c)	Yes	Yes
Solar Photovoltaic	Building mounted (Permit Submission 1, 2, 4.a, 4b, 4.c)	Yes	No
	Free standing with capacity $\leq 12\text{kW}$	No	No
	Free standing with capacity $> 12\text{kW}$	No	Yes
Solar Water Heating	Serving a building (Permit Submission 1, 2, 4.a, 4b, 4.c, 4.d)	Yes	No
Solar Air Heating	Serving a building (Permit Submission 1, 2, 4.a, 4b, 4.c, 4.d)	Yes	No
Geothermal System	Horizontal system (Permit Submission 1, 2, 4.a, 4.d)	Yes	No
	Vertical system (Permit Submission 1, 2, 4.a, 4.d)	Yes	Yes

Permit Submission:

1. Permit Application Form, Owner's Authorization Form, and Schedule 1 for BCIN designers
2. Building permit application fees: See **Permit Fees** document
3. Renewable Energy Approval (REA) if required
4. Technical documents (two sets of hard copies)
 - a. Site plan: plans showing property lines, all buildings and structures on the property, right-of way setbacks, easements and utility rights-of way, if any.
 - b. Architectural: plans and elevations showing the placement of the facility.
 - c. Structural: roof structural plans, sections and details of the facility connections to the building structure, calculations if applicable.
 - d. Mechanical: HVAC layouts, plumbing layouts, schematic diagram, and calculations, if applicable.

Note: All technical documents shall be prepared by appropriate qualified designers, such as P.Eng., OAA, BCIN, P. Geo.

Code References

Ontario Building Code

Part of Division A, Sentence 1.1.2.2.(2) states:

- (h) Subject to Articles 1.1.2.6. and 1.3.1.2., Part 4 of Division B applies to a structure that supports a wind turbine generator having a rated output of more than 3 kW.

Part of Division A, Sentence 1.3.1.1.(1) states:

The following structures are designated for the purposes of clause (d) of the definition of building in subsection 1(1) of the Act:

- (f) a solar collector that is mounted on a building and has a face area equal to or greater than 5 m², and
- (g) a structure that supports a wind turbine generator having a rated output of more than 3 kW.

Part of Division A, Sentence 1.4.1.3.(1)(a) states:

For the purposes of section 8 of the Act, applicable law means, the statutory requirements in the following provisions with respect to the following matters:

- (vi.1) Section 47.3 of the Environmental Protection Act with respect to the issuance of a renewable energy approval.

Building Code Act

Part of Subsection 1.(1) states:

- (d) In this Act, **building** means structures designated in the building code.

For more information regarding renewable energy please visit the following websites:

www.obc.mah.gov.on.ca

www.ene.gov.on.ca

www.mei.gov.on.ca

For renewable energy approval (REA) applications please contact:

Ministry of Environment York-Durham District Office

Toll free: 1-800-376-4547

Tel: (905) 427-5600

Fax: (905) 427-5602

For more information regarding building permit applications, please contact:

Building Permit and Inspection Services

City of Oshawa

Tel: (905) 436-5658

Fax: (905) 436-3857

www.oshawa.ca