



Resource Conservation Program – Compliance Options for Permits Submitted Between Jan. 1, 2017 and Dec. 31, 2017



NOTE 1 – According to Clause 12.2.1.2.(4) of the OBC, the following are exempt from compliance with Part 12 and SB-10:

1. A farm building,
2. A building that does not use electrical power or fossil fuel,
3. A manufactured building described in Article 9.1.1.9., or
4. A seasonal recreational building described in Section 9.36. or 9.38.

NOTE 2 - Clause 12.2.1.2.(2)(a) states that a building exceed by not less than 13% the energy efficiency levels required in Clause 12.2.1.1. (2). Values indicated in the diagram for Options A-1, A-2 and B have already taken this into account using the requirements referred to under Clause 12.2.1.1.(2) and the following calculations:

- OPTION A-1: Exceed by not less than 25% the energy efficiency levels attained by conforming to the 1997 MNECB: “Model National Energy Code of Canada for Buildings 1997”
Required Energy Efficiency Level After December 31, 2016 = $[1 - (1 - 0.25) * (1 - 0.13)] * 100\% = 34.75\%$, Rounding to the nearest half percentage point = 35% better than 1997 MNECB;
- OPTION A-2: Exceed by not less than 5% the energy efficiency levels attained by conforming to ANSI/ASHRAE/IES 90.1-2010: “Energy Standard for Buildings Except Low-Rise Residential Buildings”
Required Energy Efficiency Level After December 31, 2016 = $[1 - (1 - 0.05) * (1 - 0.13)] * 100\% = 17.35\%$, Rounding to the nearest half percentage point = 17.5% better than ASHRAE 90.1-2010;
- OPTION C: Achieve the energy efficiency levels attained by conforming to the 2011 NECB: “National Energy Code of Canada for Buildings” and Chapter 3
Required Energy Efficiency Level After December 31, 2016 = $[1 - (1 - 0) * (1 - 0.13)] * 100\% = 13\%$ better than 2011 NECB.

NOTE 3 - Includes only buildings within scope of Part 9 that:

- a. do not contain a residential occupancy,
- b. do not use electric space heating, and
- c. are intended for occupancy on a continuing basis during the winter months.

NOTE 4 - Where ratio of gross area of fenestration to gross area of exterior wall (measured from grade to top of upper most ceiling) exceeds 40%, or ratio of gross skylight areas to gross ceiling area exceeds 5%, building shall comply with Article 1.1.2.1 of Chapter 1 of Division 3.