

APPENDIX 3E
ENERGY MODEL

Basic Requirements:

1. Project Co will demonstrate that the Building complies the requirements for the Energy and Atmosphere Credit 1 – Optimize Energy Performance (as required by Section 4.7(b)(1) of Schedule 2 [Design and Construction Protocols]) by completing, to the Authority’s reasonable satisfaction, a whole building energy simulation using one of the following eligible energy modelling software tools:
 - (a) Equest;
 - (b) Energy Plus;
 - (c) DOE 2.1e; and
 - (d) EE4;
2. The Building’s energy performance will be compared to either of the two following standards:
 - (a) MNECB; or
 - (b) ASHRAE/IESNA 90.1-1999.

Performance Criteria:

1. Use the same energy modelling software at all stages of the design, construction and certification processes.
2. Additional supplementary software tools such as Retscreen may be used in conjunction with one of the eligible energy modelling software tools listed above.
3. The energy model will include only regulated loads as described in LEED for New Construction.