

HIGH PERFORMANCE NEW CONSTRUCTION

Modelling Assumptions Report

INSTRUCTIONS:

Please complete ALL sections below unless otherwise indicated as optional. Ensure that all assumptions used in generating the computer simulation model for the Custom Project are documented in the sections provided below so that the Project can be easily evaluated. In addition, please include all appendices as listed below with your Application.

Date of Report (mm/dd/yyyy)

1) Application Information:

Legal Name of Applicant

Building Address

City

Province

Postal Code

2) Applicant Main Contact Information:

Title: (Mr. Mrs. Miss. Ms.)

First Name

Last Name

Daytime Phone Number

Fax (Optional)

Email Address

Alternate Contact Name (optional)

Alternate Contact Phone Number(optional)

Alternate Contact Email Address (optional)

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Please indicate the best time and way to contact you:

-
- Email
 - Phone
 - Daytime
 - Evening (after 6pm)

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MODELLING NOTES

1) GENERAL

2) BUILDING LEVEL

3) PLANT LEVEL

4) SYSTEM LEVEL

5) ZONE AND SPACE LEVEL

6) OCCUPANCY AND MINIMUM OUTDOOR AIR RATES

7) OTHER ITEMS

8) WARNINGS, ERRORS, AND TROUBLESHOOTING

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APPENDICES

- A) Summary Compliance Report
- B) ASHRAE 90.1-2010 checklists in the form provided on the Independent Electricity System Operator Website (with adjustments to envelope to reflect SB-10, effective January 1, 2012) Mandatory Provisions (Checklist) or Reference Building (RB) Modelling Information Following National Energy Code of Canada for Buildings 2011
- C) Zoning Diagrams
- D) Notes on Building Level Inputs
- E) Notes on Plant Level Inputs
- F) Notes on System Level Inputs
- G) Notes on Zone and Space Level Inputs
- H) Notes on Occupancy and Minimum Outdoor Air Rates
- I) Reference Building (RB) Modelling Information in the form provided on the Independent Electricity System Operator Website