

BC Step Code Part 3 Energy & Zero Carbon Checklist Changelog

Version 3.0 | July 2023

Document last updated July 26, 2023

The Part 3 Energy Design Checklist is available online at:

- <https://energystepcode.ca/compliance-tools-part3/>

June 26, 2023

The changes below have been reflected in **V3.0 - 2023-06-27**

- Document renamed from “Report” to “Checklist”
- Addition of a “Summary Page” highlighting key requirements and results
- Checklist requirements have been updated to reflect BCBC 2018 Revision 5 (effective May 1, 2023) including:
 - Requirements and inputs for the Zero Carbon Step Code
 - Natural gas emissions factor change
 - Removal of Step 1
 - Changes to Office and Mercantile TEUI requirements
- Additional space for reporting energy end use results
- Additional requests for model inputs including:
 - Weather file used
 - Whole building tested air leakage results and equivalent modelled infiltration
 - Document references
 - Additional space for HVAC descriptions
- Associated Tip Sheet replaced with overhauled User Guide document
- General layout and formatting changes
- Miscellaneous changes to align with Part 9 checklist and documents

September 24, 2020

The changes below have been reflected in V2.3 - 2020-09-24

- Fixed data validation error (cells E/F39 to 41)

August 31, 2020

The changes below have been reflected in V2.2 - 2020-08-31

- Removed the references to ‘Targets’
- A note has been provided for cooling demand (cell A77) to provide more clarity.

- Additional notes have been provided for Heating and Cooling System descriptions (rows 109-111) instructing users to provide system descriptions in the 'Other/Comments' section if their system is not represented in the drop-down menus provided.
- For Step 1 compliance, notes have been provided in cells A29 and A68 to provide further clarity.
- Section E has been modified to indicate whether or not Step 1 compliance has been met. For projects that are only pursuing Step 1 and Step 1 compliance is selected in Section B (cell C19), then confirmation is provided in Section E (cell G91) regarding whether or not Step 1 has been achieved.
- Overheating Requirements within Section E have been corrected to include all occupancies and not just residential. Further, 20 hours of overheating has also been included for vulnerable populations.
- Section F (rows 100-102) – User is to input average 'Clear Field' R-values as well as average effective R-values (which includes all thermal bridges) as opposed to entering the psi values.
- Units have been corrected and are now consistent throughout.