

DPS | Montgomery County | Department of Permitting Services



2425 Reedie Drive 7th Floor Wheaton, MD 20902 Phone: 311 in Montgomery County or (240) 777-0311 www.montgomerycountymd.gov/dps

Instructions for Completing the 2018 IECC Code Analysis Checklist

The IECC Code Analysis Checklist is comprised of Building Envelope, Mechanical System, Service Water Heating (SWH), and Electrical Power & Lighting. First, select an energy compliance path from Line 3 and complete the Project Information, Project Team Information, and Scope of Work sections from Line 22 to 26. Next, select the applicable compliance sections from Line 29 to 35; the spreadsheets will expand to the corresponding sections based on the applicable scope of work.

Within each section you will see a "Comment" column, this is where you should provide additional information such as performance values (R-Value, U-Factors, SHGC, cooling/heating capacities, etc.), exceptions, and notes to the plan reviewers. Additionally, there is a "Page Number" column for indicating where the information relating to each code provision is documented within the plan set or specifications; this is necessary to expedite the review process.

Where a code provision does not apply to the scope of your project, select "N "from the drop-down in either column C or F, otherwise select "Y" to indicate that the code provision requirement has been addressed and the necessary documentation has been provided. The checklist will indicate "Incomplete" in Column G if you skip any of the columns mentioned above.

For New Buildings:

If the "IECC Prescriptive" path is chosen, fully complete the Building Envelope, Mechanical Systems, SWH, Electrical Power & Lighting, and Additional Energy Efficiency provisions (Section C406) as well. If the "IECC Performance" path is chosen, complete all the mandatory provisions and Total Building Performance (Section C407). Maintenance Information and System Commissioning (Section C408) will be required if the scope of work meets the threshold of Section C408.2. See detailed requirements of the commissioning plan under Energy and Green Building by clicking the link below:

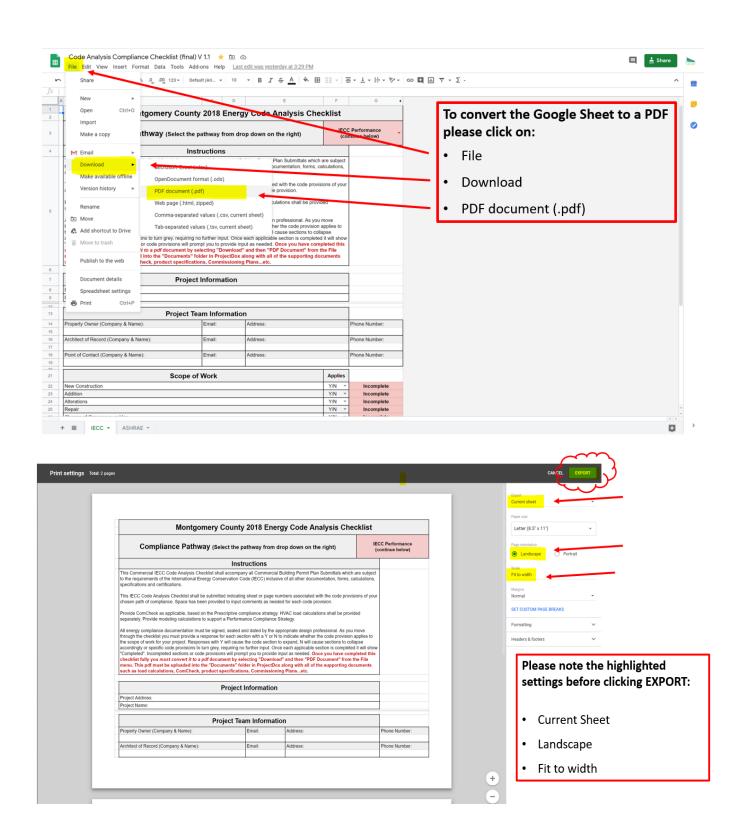
https://www.montgomerycountymd.gov/DPS/divisions/commercial/index.html

For Existing Buildings – Addition or Alteration or Change of Use Projects:

Evaluate the scope of your proposed project per Chapter 5CE (Existing Buildings) and complete the appropriate checklist sections for Envelope, Mechanical, SWH, Lighting/Power as they apply to your project. If your alteration includes a tenant fit-out, complete Additional Energy Efficiency for Tenant Spaces (Section C406).

Upon completing the checklist (Column G indicates fully "Complete"), please convert the spreadsheets into a PDF file (see the graphic below for instructions). Then sign, date, and seal this document by the registered design professional and upload it to the "Documents" folder in ProjectDox.

If you select ASHRAE 90.1 -2016 prescriptive or performance as the code compliance path, please follow the same procedure as described above and the instructions in the ASHRAE worksheet.



Convert Checklist to PDF then submit as PDF