**Documentation for Std140\_CE\_a\_Results.xlsx.** This file (Std140\_CE\_a\_Results.xlsx) contains informative example results generated for the Section 9.2.1 and 9.2.2 HVAC equipment performance tests CE100 through CE200 as described in Informative Annex B16, Section B16.5.1. Table B10-3 presents an index of all sheets contained in the Std140\_CE\_a\_Results.xlsx file.

The “Read Me” sheet provides a general overview of the file. Example results tables and figures are listed with location (sheet tab and cell range) in Informative Annex B16, Section B16.5.1 and also on the “Table List” and “Figure List” sheets in the XLSX file.

New results can be imported to the “YourData” sheet and will automatically appear in the rightmost column of all tables and also in the graphic figures. The “YourData” sheet has been designed with the same data structure (data units, format, and position) as the Standard Output Report spreadsheet Std140\_CE\_a\_Output.xls file so that new results can be copied directly. Import data so that Cell B25 of Std140\_CE\_a\_Output.xls is in B25 of Sheet “YourData”. Check that the first value (Total Consumption kWh for CE100) is in YourData!B25. The “Adding Results” sheet has instructions for accomplishing this, and also has a full tabulation of results locations.

To print example results, or example results with new user generated results, go to the “Title Page” sheet and follow the instructions starting in cell B5.

**Table B10-3. Index of Sheets in Std140\_CE\_a\_Results.xlsx**

|  |  |
| --- | --- |
| Sheet | Description |
| “Read Me” | General directions to using workbook. |
| “Adding Results” | Instructions for adding new results. Also has cell map to individual data items in example results and “YourData” sheets. |
| “YourData” | For inputting new simulation test results; see sheet “Adding Results” for instructions. Data input to this sheet will pass through into all tables and charts. |
| “Title Page” | Title Page for printed informative example or new comparison results. Sets headers for tables and charts. See instructions on page. |
| “Program List” | List of simulation programs and organizations producing Informative Annex B16, Section B16.5.1 example results. |
| “Table List” | Listing of Informative Annex B16, Section B16.5.1 tables with locations. |
| “Figure List” | Listing of Informative Annex B16, Section B16.5.1 figures with locations. |
| “Q-Prt1” through “Q-Prt7”  (7 sheets) | Formatted summary results tables including quasi-analytical solution results, example simulation results, and statistics. See Annex Informative B16, Section B16.5.1 or the “Table List” sheet in Std140\_CE\_a\_Results.xlsx for a list of all tables with sheet tab and cell range location. New results (entered in sheet “YourData”) automatically appear on the right side of each table. |
| “Fig B16.5.1-1 COP” through  “Fig B16.5.1-26 QCL-QZL”  (26 sheets) | Twenty-six summary charts (one per sheet). See Informative Annex B16, Section B16.5.1 or the “Figure List” sheet in Std140\_CE\_a\_Results.xlsx for a list of all figures with sheet tab location. |
| “A” | Unformatted data compilation, all programs |
| “Q” | Formatted summary results tables including quasi-analytical solution results, example simulation results, and statistics. Data here feeds into data sheets for use in charts. Same tables are presented one per sheet on sheets Q-Prt1 to Q-Prt7. New results (entered in sheet “YourData”) automatically appear on the right side of each table. See below for Sheet Q table locations. |
| “Data-Electr” through  “Data- TempHum”   (5 sheets) | Formatted data sheets for use by the 26 data charts. New results (entered in sheet “YourData”) automatically appear on the right side of each data table. |
| “DOE21E-NREL” through “E+V1” (7 sheets) | Results sheets from each simulation program used to produce example results. |
| “Analytical-TUD” through “Analytical-HTAL2”  (3 sheets) | Individual quasi-analytical solution results. |