

ASPEN Power Flow Version 11.5 Update

Please find enclosed the installation CD for *ASPEN Power Flow*TM version 11.5. This maintenance release contains fixes for all known bugs to date.

You can run \pf\setup.exe on this CD to create a new installation or to update an existing *Power Flow* installation.

Note: *If you are running OneLiner and Power Flow from a single executable, you need not install the Power Flow Program separately; you need only install OneLiner V11.5.*

Please write (support@aspeninc.com in English or scayres@aspeninc.com in Spanish or Portuguese) or call (650-347-3997) us if you have questions.

New features and improvements

- Data conversion of GE PSLF file up to version 17 is now supported.
- Improved Phasor Probe screen: Displays three digits after decimal point when the voltage magnitude is less than 1kV.

Bug fixes since version 11.2

- Read Change File command did not process the Impedance Correction Table data.
- In some cases, the program failed to update the admittance matrix of phase shifters after the impedance-correction data were modified.
- Cannot open some OLR file by double-clicking on it. The files inflicted by this bug are those with names that contain one or more hyphens.
- The Paste Load button on the device palette caused the program to crash.
- The formula for calculating the commutation-transformer impedance in PSS/E file import/export logic was updated. PSS/E gives the commutation-transformer impedance in ohms. For a converter with 2 or more bridges, the new formula converts the impedance to per-unit using the *combined* MVA rating of all the commutation transformers. Previous formula used the MVA rating of only a single commutation transformer. We applied the same change to the Export command in *ASPEN Power Flow* and to the PSS/E data conversion program.
- Case Comparison Program failed when reading OLR files that contain large number of buses.
- The Export Network command did not include in the DXT file some memo text.
- Case Comparison Program reported differences in transformers that are identical.
- The “Merge Bus with Same Name and kV” option in Merge File command did not work correctly for all the buses being merged.
- The program did not process the memo and tag fields of new object correctly when the network option for data entry “Use last object’s data as default values” is turned on.
- Annotation color blue was not saved to the olr file correctly.
- The Attach Annotation to Object command did not function correctly in some cases when there are memos and/or tags in the same file.
- Program crashed when a bus connected to an invisible 3-winding transformer is moved.
- The PowerScript function PostGenParam() did not reset the caseChanged flag, which led to inaccurate load flow solution.
- Vertical text was not scaled correctly for the desired font size in some cases.
- Bus symbol disappeared when user tries to a hollow bus bar to a dot.