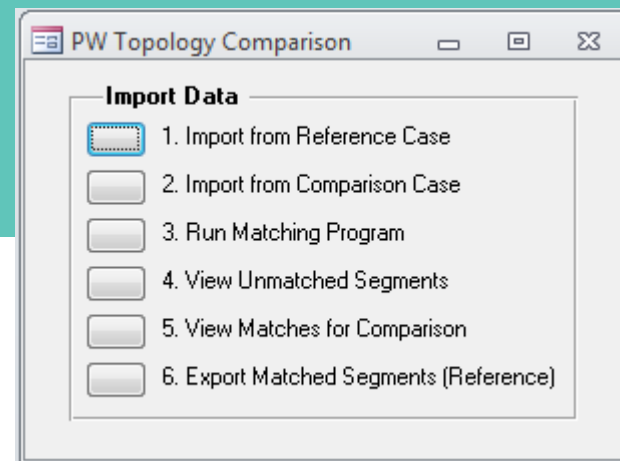


Topology Comparison

PowerWorld Users Tool

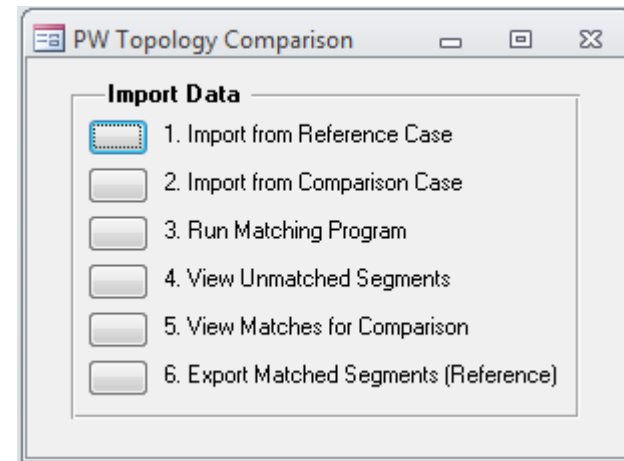
Zach Gill Sanford
Engineer, Energy Delivery



May 21, 2014

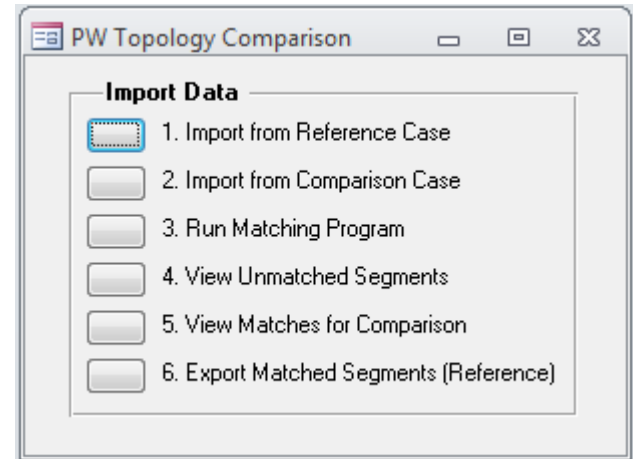
Basics

- Compares filtered branch sets from two PowerWorld cases
 - Identifies unmatched branches
 - Matched branches with different ratings or impedances
- Can re-run at any step
 - No need to redo import steps unless the cases are modified



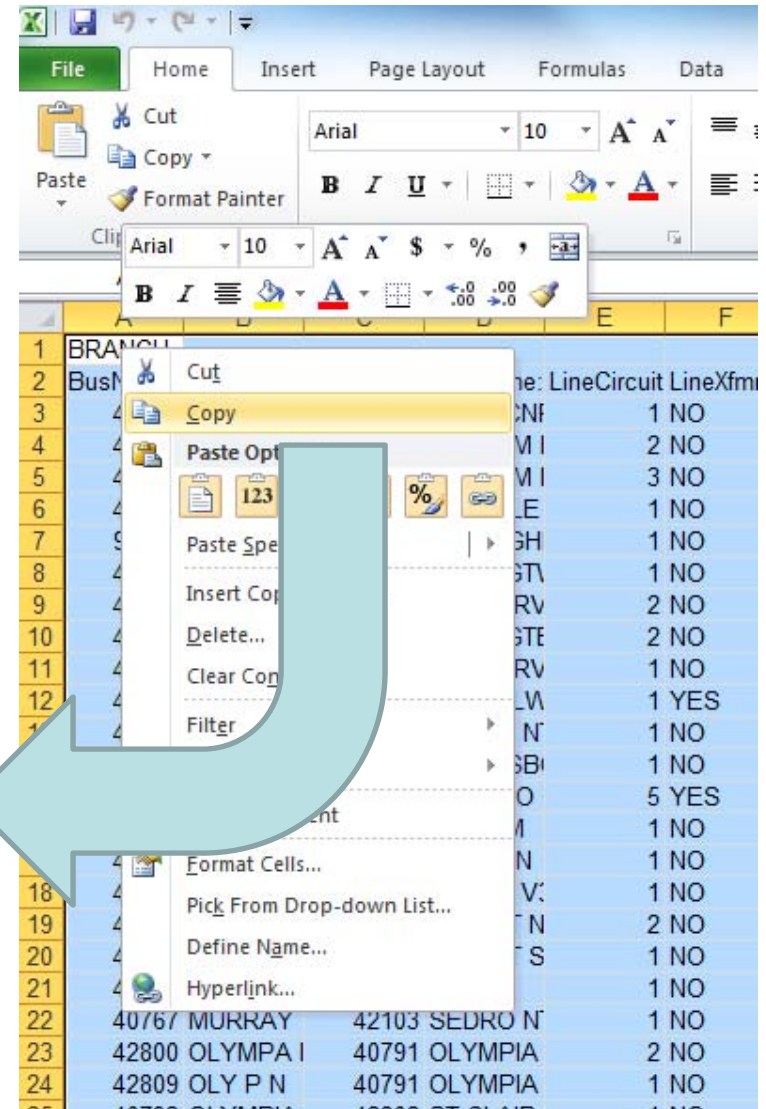
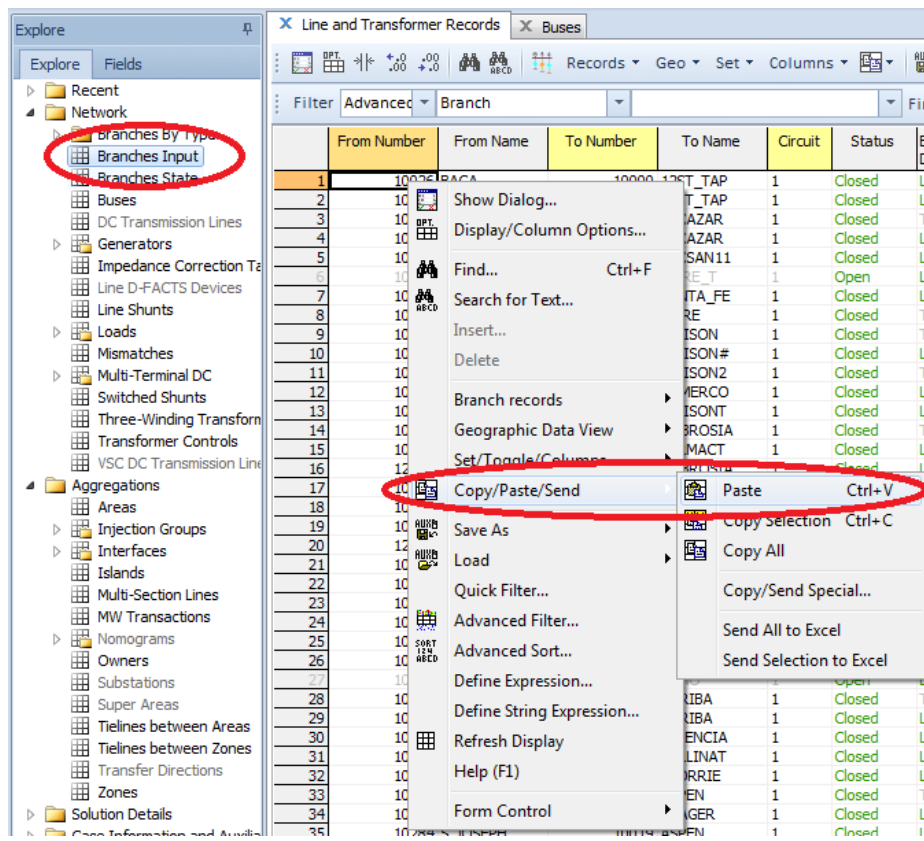
Steps 1-5

- Step 1
 - Load “Export PW linedata.aux” in reference case
 - Select created .csv file in Access
- Step 2
 - Load “Export PW linedata.aux” in comparison case (i.e. case to compare against the reference case)
 - Select created .csv file in Access
- Step 4
 - View two access tables to see unmatched branches
- Step 5
 - Use Excel to identify rating or impedance differences
- Step 6
 - Use exported and PowerWorld formatted excel spreadsheet to import into PowerWorld case



Step 6

- Step 6
 - Use exported and PowerWorld formatted excel spreadsheet to import into PowerWorld case



Questions

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