

Transfer Analysis in NERC LTRA

Doug Tucker

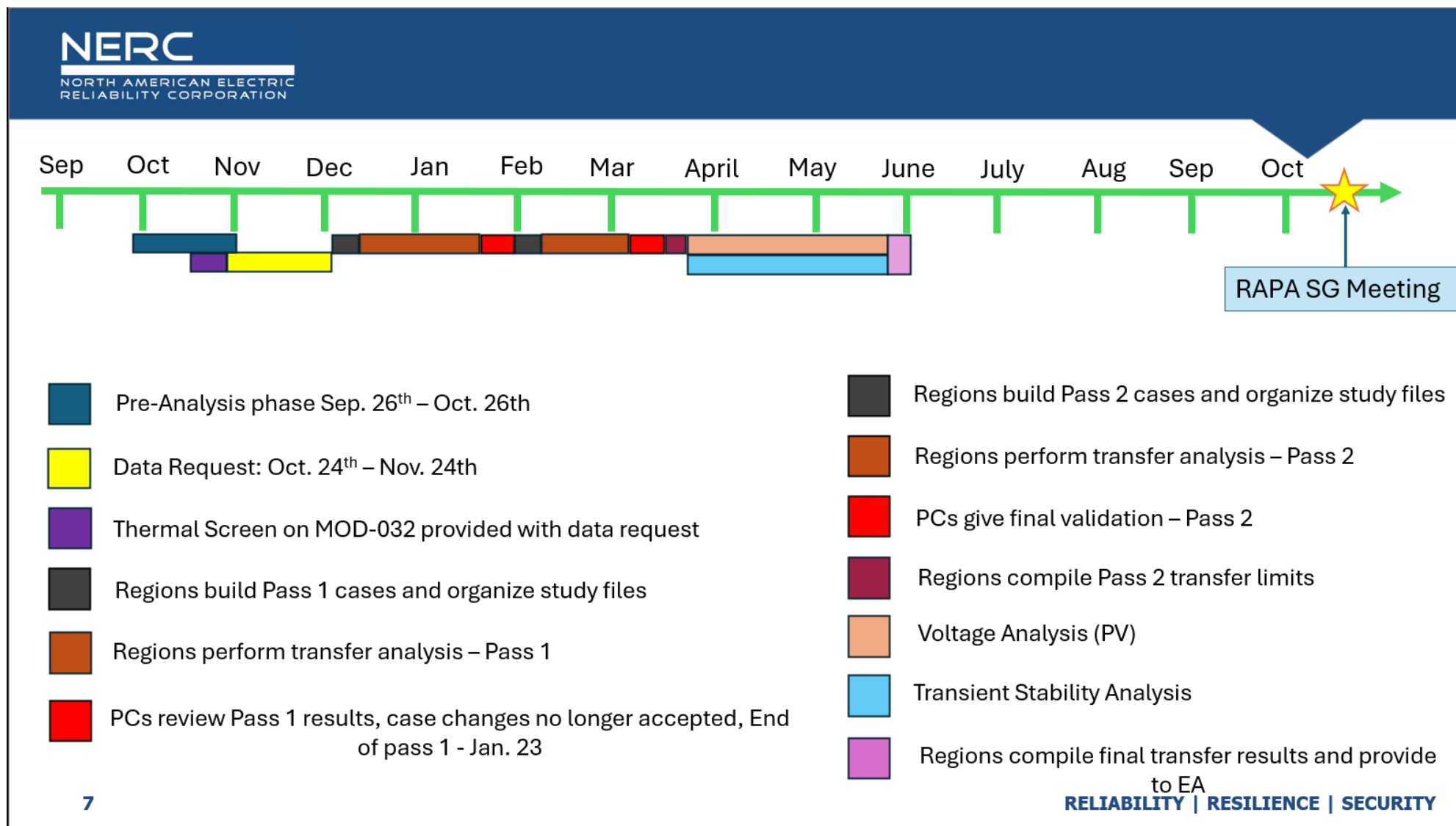
Senior Staff Engineer

**Electric Reliability
& Security for the West**



Transfer Analysis in NERC LTRA

Draft Timeline



4



Current Plan

- Plan is to use the off the self case.
- Analysis to be run on the 5-year and 10-year HS and HW cases
- WECC will be running a Thermal Screen with an automated N-1 Screen
 - will identify any N-1 Overloads or other issues
- This will be done every year starting in October 2025 with a Data Request (4 weeks)
 - N-1 Contingencies for the cases
 - Correct any rating issues that were done in the N-1 Screening
 - Identify any units that should not participate in the transfer analysis (ex.. Nukes)

Current Plan Continue

- WECC staff will correct any rating updates
- Will run the Transfer Analysis with submitted N-1 Contingencies
- WECC will be doing a pre-screen on the Montier elements/Contingency pairs and highlight the valid pair for members to review
- WECC will be sending out the spreadsheet for members to review the valid pairs and get confirmation from the PC of the valid pair.

Questions for SRS

- Should we start collecting the N-1 Contingencies with each base case creation?
- Phase Shifting Transformers (PST) – in our current cases there are a lot of PST that are being represented as 2-winding transformers
 - Should these be modeled as PST in doing transfer analysis?



WWW.WECC.ORG | (801) 582-0353



155 N 400 W, Salt Lake City, UT 84103, USA