**Comment 1: Summary Page**

The Summary (page 1) causes some confusion. Initially, it states the Parallel Flow Visualization project (PFV), “seeks to improve the wide-area view of Reliability Coordinators (RCs) in the Eastern Interconnection such that they better understand the current operating state of the bulk electric system and are better equipped to assign relief obligations during periods of congestion,” however, actual discussion on the *visualizations* required/requested only occurs briefly in section **X008-1.13.** The majority of the proposed revisions, and this document, are on developing “a mechanism to assign Transmission Loading Relief (TLR)[[1]](#footnote-1) curtailment priorities to the Generation-to-Load (GTL) impacts” --- Not the ***actual process/tools/requirements for visualization*** of congestion information.

**Comment 2: X008-1.13 Real Time Visualization**

X008-1.13 assigns the Interchange Distribution Calculator (IDC) the task of supporting “*the display of all impacts* including Generator To Load (GTL) (at the BA granularity or local BA granularity where appropriate) and other Interchange Transactions and Intra-BA Transactions that are not included in the GTL”

The IDC is a tool used by RCs in the Eastern Interconnection which calculates the distribution of energy flows over specific Flowgates and is used for assigning relief obligations and curtailments.

Do IDCs currently have the visualization capabilities required to “display all impacts?”

If yes, then please include in X008-1.13/or the appendix, a discussion of the full capabilities of the existing IDC, specifically addressing how it will meet the requirement of displaying all impacts. Also, please clarify, is this a static/dumb terminal or will it also be providing its visualizations to other, non-Entergy, parties?

If no, then additional discussion is needed to fully understand what is meant by “all impacts” and “other Interchange Transactions” in X008-1.13. Additionally, more information is needed to fully explain the source(s) of the data which will provide the IDC its information, the communications protocols these sources follow, specific requirements for display visualizations (data required to be visible, refresh rates, ect.).

1. Transmission Loading Relief in the Eastern Interconnection only applies to tags or GTL flows having a 5% and greater impact on constrained facilities. [↑](#footnote-ref-1)