

SERTP/FRCC Interregional Coordination Process

The SERTP/FRCC interregional coordination process is intended to facilitate the communication of modeling information and proposed system expansion plans to ensure reliability of the Bulk Power System. Interregional modeling information is coordinated via the Eastern Interconnection Reliability Assessment Group (“ERAG”) Multiregional Modeling Working Group (“MMWG”). The MMWG includes direct representation from each of the Regional Reliability Organizations in the Eastern Interconnection and a liaison representative of the North American Electric Reliability Corporation (“NERC”) staff. The MMWG, under the direction of ERAG, is charged with the responsibility for developing and maintaining a library of power flow and dynamics base case models that realistically simulate steady state and dynamic bulk electric system behavior. By following this coordination process, the interconnected systems share their plans and ensure these plans are simultaneously feasible and utilize consistent assumptions and data.

Interregional steady-state and dynamics cases are updated annually by the MMWG. The case building and updating process typically starts in July by collecting the latest modeling assumptions from each of the MMWG members. The MMWG collects input data from its members to create initial cases that are sent to the regional representatives for review. The steady state cases are finalized and made available by October/November time frame. The dynamics cases for selected years are based on these final steady state cases. Initial dynamics cases are reviewed by the regional representatives and updates are provided to the dynamics coordinator. Dynamics cases are finalized and made available by December/January time frame.

These MMWG models reflect the latest information available and contain both transmission expansion plans and generation expansion (including the interconnection and/or integration of new resources) plans for the regions within the Eastern Interconnection. These modeling cases are the basis for stakeholder requested, interregional economic planning studies (as well as the interregional reliability assessments). SERTP transmission providers coordinate with the FRCC Planning Committee in the performance of these types of joint economic studies, and the results of these joint economic studies are appropriately incorporated into the SIRPP economic study process.