

May 4, 2005

Charter for the Adoption of a Flow Based Methodology for Transmission Reservations and Scheduling

Vision

Provide a means of to use the TIG common OASIS to post ATC and to evaluate requests for transmission service and schedules within the TIG area of jurisdiction based on the physical flow of power from the defined point of entry (POR) to its destination (POD) across any points of transmission constraint.

Scope

The ATC methodology would:

- Have a single entity calculating ATC using a approach that:
 - Is objective, physics-based, and practical to implement,
 - Enables effective curtailments on the network, and
 - Can be updated as necessary.
- Address all requests for transmission service including long term, short term, and pre-schedule periods.
- Include service for the combined defined transmission jurisdiction of the participating transmission providers.
- Apply to all constraints internal to the transmission jurisdiction.
- Address external connections as agreements and working methodologies can be established for such connections.

Assumptions

In developing a flow-based methodology, the Charter group will use the BPA flow-based methodology as a starting point. It is assumed that the application of a flow-based methodology to all NW paths/cut-planes should increase the ATC that could be sold and enable curtailments to be implemented in a manner that involves the minimum number of MW.

Guiding Principles and Objectives

- All applicable and relevant existing contract rights will be preserved as agreed by the parties of these contracts.
- Methods for congestion will include those provided for in contracts (e.g. redispatch for NT).
- Calculation of ATC will be consistent with relevant industry standards and requirements
- The defined system commitment used in determining available transmission capacity (ATC) will be determined by methodologies that best represent reasonable “worst case” conditions on the grid and not by simple addition of all parties’ potential rights (this, however, does *not* reduce their rights.)
- The curtailment methodology will focus on identifying the users at constrained points (commitments exceed capability). Having identified the contributors, there are a number

of potential methods for how congestion relief is accomplished in the pre-schedule and real time periods that will have to be evaluated for implementation

- Requests for transmission service and schedules will have sufficient detail of the points of power receipt and delivery detail to accurately calculate each one's impacts across transmission constraints thus assuring maximum available transmission capability while preserving existing rights.
- The methodology will be developed to have the lowest overall life costs (lowest impact on parties' systems, lowest maintenance costs, and effective in minimizing to the extent possible overall costs of transmission service in granting, denying, and curtailing transmission use.

Staffing

The regional process to study this issue will be open to all interested parties that are willing to dedicate sufficient time to this effort. BPA will participate in and support the objectives of this group which will be chaired by a non-BPA party.

Timeline

Milestones

Item	Due
Initial draft Charter for review, comment, and direction	May 6, 2005
Finalize Charter for approval by TIG	May 11, 2005
Weekly meetings with assignments	
Draft methodology for approval	May 20, 2005
Details on issues for review and resolution: POR/POD detail, seams interfaces, use assumptions	June 3, 2005
Draft Final methodology for review	June 17, 2005
Final for approval	July 1, 2005