Seams Agreements and Issues

Cost Allocation Working Group

March 26, 2008
Seams Agreement Status

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<thead>
<tr>
<th>Reliability Coordination</th>
<th>Transmission Provider</th>
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Reliability Coordination Seams Issues

- Data exchange
  - Forecast and Real-time
    1. Scada Data
    2. Model exchange
    3. Transmission Service Reservations
    4. Load Forecast
    5. Schedules (Dynamic, Static)
    6. Forced and Planned Outages
- Emergency Procedures
- Schedule Checkout
- Voltage/Reactive Coordination
Transmission Provider Seams Issues

• Joint/Collaborative Planning
  - Document and Syncing up each parties planning processes
  - Involve Stakeholders
  - Data Exchange
  - Joint Plan
  - Cost Allocations
    1. Upgrades to support other party
    2. Upgrades at the seams
  - Economic Analysis
    1. Cost Allocation

Transmission Provider Seams Issues (cont)

• Coordination of Transmission Service
  - Long-term
    1. Syncing up processes so Customer gets a timely answer
    2. Different standards of reliability and analysis
    3. Upgrades on other party to support service - Cost Allocation
    4. Parallel Flow compensation
  - Short-term – use Congestion Management Process (CMP)
    1. Coordinate ATC/AFC through Flowgate allocations
      A. For granting short-term service
      B. Sharing allocations/Compensation
    2. TLR/Market Flow – For curtailments
      A. Redispatch for other party
      B. Redispatch between parties
Transmission Provider Seams Issues (cont)

- Coordination of Interconnection Studies
- Coordination of Market Operations
  - Coordination of Schedules/Market Flow
  - Short-term – Use of CMP
  - Medium-term – Shared redispatch
  - Long-term – Joint/Common Markets

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