



## Transmission Services

### WOCN Recommendations (updated 9/29/11)

Tracking #	Recommendation	Completion %	Target Completion
1a	Conduct or coordinate a review of TLMAPPS entries to identify or verify if other clearance issues are outstanding.	100%	10/1/2010 Done
1b	Establish procedures that provide on-going timely verification of significant (safety and reliability compliance) TLMAPPS inputs; Requires IT support	100%	7/1/2011
1c	Develop a methodology to analyze LiDAR information to identify clearance violations. The methodology should include resource needs, risks, benefits, costs, etc	100%	3/1/2011
2a.i	Review current study processes and methodology for WOCN Path	100%	10/1/2010 Done

2a.ii	Review current study processes and methodology for N-2 contingencies (as per the WECC regional difference) of remaining identified internal paths	100%	10/1/2011 Done
3a.i	Plan developed to accelerate study tool improvement project	100%	12/1/2010 Done
3a.ii	Study tool improvement project; R & D funding required. Time horizon for full implementation is expected to be 4-5 years.		Phased dates defined by plan. Full implementation will take several years
4a.i	Review internal procedures (e.g., DSO148) and revise as appropriate, to ensure timely communication to appropriate internal organizations of reduced SOLs	100%	8/15/2010 Done
4a.ii	Provide refresher training for implementation of the procedures.	100%	11/30/2010 Done

4b.i	Define threshold criteria to identify at what point urgent and emergency outages with impacts to SOLs are communicated externally	50%	2/1/2011
4b.ii	Develop protocols and procedures to timely communicate such impacts to appropriate staff and management	50%	2/1/2011
4b.iii	Provide training to staff and management for implementation of the procedures.		3/1/2011
5a.i	Establish communication protocols that clearly communicate the urgency to return a line to service when an outage is known to have an extraordinary impact on the market	100%	8/1/2010 Done
5a.ii	Provide training on communication protocols.	100%	9/1/2010 Done
6a.i	Revisit and revalidate procedures for implementing Stop Hourly Sales	100%	8/1/2010 Done
6a.ii	Provide training to Transmission Schedulers, Account Executives, and Transmission Dispatchers.	100%	9/1/2010 Done
6b.i	Establish protocols and procedures to assure internal consistency when posting information related to Stop Sales	100%	8/1/2010 Done
6b.ii	Provide training on protocols internally.	100%	8/1/2010 Done

6c	Provide customer training on the Stop Sales tool, including features of the tool, and where to look for postings when the tool is implemented	100%	9/1/2010 Done
7a	Establish a separate listing for all missing BPA monitored flowgate/path on the Outage and Interruption Page under Known Constraints.	100%	10/1/2010 Done
7b	Complete cost benefit analysis for improved access to outage information.	100%	7/1/2011 Done
7c.i	Review procedures and protocols to determine consistency of posted Outage information	100%	10/1/2010 Done
7c.ii	Provide training for locating outage information to internal and external parties	100%	10/1/2010 Done

8a	Establish Hourly ATC Methodology. Current effective date for NERC ATC standards is 4/1/11	30%	Phased dates defined by plan. Full implementation will take several years
8b	Engage Customers in a discussion of how to resolve the conflict between BPA's obligation to plan and maintain the transmission system for long-term commitments and the customers' use of the transmission system for short term and hourly transactions	50%	Phased dates defined by plan. Full implementation will take several years

9a	<p>Determine whether practice of permitting the netting of redirect requests is allowable under new NERC ATC standards. If allowable, perform analysis, including cost/benefit, to determine the best approach to allow the netting of redirect requests when the stop sales tools are used. Current effective date for NERC ATC standards is 4/1/11.</p>	100%	4/1/2011
10a	<p>Decide timing for updates to NERC ATC System Model (e.g., hourly); review and determine if more granularity is required for processes and procedures for the NERC ATC methodology to implement curtailments and redispatch. Current effective date for NERC ATC standards is 4/1/11</p>	80%	4/1/2011

10b	Decide appropriate accounting for FCRPS supplied AGC, losses, and other similar uses in the NERC ATC methodology	50%	Phased dates defined by plan. Full implementation will take several
10c	Review and modify, as appropriate, internal processes and procedures for Discretionary Redispatch	100%	4/1/2011
11a	Identify the impact of NT transactions on congested flowgates; establish protocols and procedures (NT customers to tag their firm transactions as 7-FN) to redispatch Designated Network Resources (both Federal and non-Federal) for NT service; and develop automation to implement NT redispatch to Federal and non-Federal Designated Network resources contemporaneous with Firm Point to Point curtailments.	100%	12/31/2010 Done
11b	Identify untagged uses of the FCRPS that affect network flowgates, and define and implement a proxy in iCRS for untagged NT transactions from the FCRPS.	100%	12/31/2010 Done

11c	Provide customer training on iCRS curtailment calculator, including how dynamic schedules are curtailed.	100%	12/31/2010 Done
Secondary Area of Concern	Review and make recommendations on the appropriate level of emergency inventory	100%	3/1/2011 Done