



Transmission Services

WOCN Recommendations (updated 10/29/10)

Tracking #	Recommendation	Parking Lot Issues/Customer Comments	POC	Target Completion Date	Comments
1a	Conduct or coordinate a review of TLMAPPS entries to identify or verify if other clearance issues are outstanding.		Batchelor	10/1/2010 Done	Completed review of 70,000 comments received in TLMAPPS;controls in place to flag action items
1b	Establish procedures that provide ongoing timely verification of significant (safety and reliability compliance) TLMAPPS inputs; Requires IT support		Batchelor	7/1/2011	Making progress working with IT to install new system in TLM APS to identify emergent safety and reliability issues
1c	Develop a methodology to analyze LiDAR information to identify clearance violations. The methodology should include resource needs, risks, benefits, costs, etc		Staats	3/1/2011	
2a.i	Review current study processes and methodology for WOCN Path		Elizeh	10/1/2011 Done	TOT ran studies looking at all major 500kv facilities in the Puget Sound area and determined which ones were important outages for WOCN.
2a.ii	Review current study processes and methodology for N-2 contingencies (as per the WECC regional difference) of remaining identified internal paths	Customers would like to have access to nomograms used to calculate SOL study outcomes. A lot of conversation around this point. Customers believe access to the same nomograms BPA uses would simplify their planning work.	Elizeh	10/1/2011	The TOT study engineers are meeting this week to finalize the methodology we will use to assess the outages associated with the major internal paths in order to determine if we have captured all of them. TOT is almost done with the WOCS winter DSO studie
3a.i	Plan developed to accelerate study tool improvement project	Have we backed into a potential tool for increasing system load capacity without building new Tx facilities? Increased bandwidth?	Gronquist	12/1/2010	Document defining minimum requirements for state estimator has been drafted. Meetings between TOS and TOT are taking place to review the tasks identified, note which items can be accomplished quickly, which items involve work, what can be done to address

3a.ii	Study tool improvement project; R & D funding required		Gronquist	Phased dates defined by plan. Full implementation will take several years	Document defining minimum requirements for state estimator has been drafted. Meetings between TOS and TOT are taking place to review the tasks identified, note which items can be accomplished quickly, which items involve work, what can be done to address
4a.i	Review internal procedures (e.g., DSO148) and revise as appropriate, to ensure timely communication to appropriate internal organizations of reduced SOLs		Ellison	8/15/2010 Done	DSO-148 process reviewed with TOT, TOD, and TOV to assure compliance. Fall Dispatch training session reviewed process with all MCC and DCC Dispatch personnel. Completed 10/26/2010 last DTF session on this process completed. 10/27/10
4a.ii	Provide refresher training for implementation of the procedures.		Ellison	11/30/2010	Training on "stop hourly sales", "communication protocol", completed 10/26/10. All MCC & DCC dispatchers & outage Dispatchers trained
4b.i	Define threshold criteria to identify at what point urgent and emergency outages with impacts to SOLs are communicated externally	Constraint page can show multiple lines with different SOLs. This requires users to cross check against the 14-day hourly OTC path limit page.	Fitzsimmons	11/1/2010	A completion date change request is being submitted for approval due to SME involvement in the WECC audit. Requested date will be 2/1/2011.VP approved date Amendment on 10/27/10 New Date of completion is 2/1/2011
4b.ii	Develop protocols and procedures to timely communicate such impacts to appropriate staff and management		Fitzsimmons	11/1/2010	A completion date change request is being submitted for approval due to SME involvement in the WECC audit. Requested date will be 2/1/2011.VP approved date Amendment on 10/27/10 New Date of completion is 2/1/2011
4b.iii	Provide training to staff and management for implementation of the procedures.		Fitzsimmons	11/1/2010	A completion date change request is being submitted for approval due to SME involvement in the WECC audit. Requested date will be 3/1/2011. VP approved date Amendment on 10/27/10 New Date of
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		Ellison	8/1/2010 Done	Communication protocols memo signed and distributed by TF/TOD/TOV
5a.ii	Provide training on communication protocols.		Ellison	9/1/2010 Done	See above
6a.i	Revisit and revalidate procedures for implementing Stop Hourly Sales		Holden-Baker	8/1/2010 Done	Desk Procedure rewritten. Complete 9/1/10.
6a.ii	Provide training to Transmission Schedulers, Account Executives, and Transmission Dispatchers.		Holden-Baker	9/1/2010 Done	Dispatch & RT Scheduling Leads reviewed & agreed on updated procedures 8/13/10

6b.i	Establish protocols and procedures to assure internal consistency when posting information related to Stop Sales		Holden-Baker	8/1/2010 Done	Dispatch & RT Scheduling Leads reviewed & agreed on updated procedures 8/13/10
6b.ii	Provide training on protocols internally.		Holden-Baker	8/1/2010 Done	Dispatch & RT Scheduling Leads reviewed & agreed on updated procedures 8/13/10
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		Holden-Baker	9/1/2010 Done	Customer meeting 8/26/10
7a	Establish a separate listing for all missing BPA monitored flowgate/path on the Outage and Interruption Page under Known Constraints.		Manary	10/1/2010	On Hold due to delivery from OATI Tool development this recommendation
7b	Complete cost benefit analysis for improved access to outage information.		Manary	7/1/2011	On track for delivering OATI Tool that provides improved access to outage information
7c.i	Review procedures and protocols to determine consistency of posted Outage information	Even with 3 tools tracking O & I, it's still a tough job to understand the information and updates BPA posts. A) 45 Day Outage Plan B) Outage Report (O & I Plan) C) Green Sheet The time gap between #A (45 days out), and #B (2 weeks out) leaves custome	Manary	10/1/2010 Done	Provided requirements to vendor that provides improved access to outage information
7c.ii	Provide training for locating outage information to internal and external parties	Reminder for BPA to evaluate how to make outage & interruption (O & I) notices clearer and more user friendly. Lots of steps required and 3 existing tools don't crosswalk easily, if at all.	Holden-Baker	10/1/2010 Done	Updating Reliability Limits & Outage Information bulletin. Expect to post b
8a	Establish Hourly ATC Methodology. Current effective date for NERC ATC standards is 1/1/11	Policy discussion about curtailments being allocated based on energy profile. Impacts of carrying reserves from a given generation resource. What are the system reliability impacts? Does this policy de-facto establish 2 categories of firm contingent Tx tag	Gillman	4/1/2011	With the assignment of a full time manager to oversee the NERC ATC project, the POC is being revised to identify Michelle Manary.

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	BPA needs to provide feedback & clarity on long-term vs. short-term sales methodology. Customers have asked for opportunity to provide input	Fitzsimmons	1/1/2011	A change request is being submitted for a POC name change to Rich Gillman. TSP is working this issue through various ATC and planning policy development. A date change is also being requested to April, 2011.
9a	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	Do BPA's congestion management tools & protocols set up a scenario in which non-firm transactions are allowed, while firm transactions are curtailed or denied? May be tied to NERC ATC methodology. Customers request that BPA follow up to map out these sce	Gillman	4/1/2011	This will be evaluated periodically. We are currently targeting 4/1/11 but with monitoring could develop a self report and mitigation plan for certain elements. Could require capital. Dependent on TO, TP, PS
10a	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	Impact (unintended consequences) of using the curtailment tool to limit the number of transactions. Are we cutting tomatoes with a hammer? More energy around this point than almost everything else combined. Collateral consequence is that customer-request	Gillman	4/1/2011	With the assignment of a full time manager to oversee the NERC ATC project, the POC is being revised to identify Michelle Manary.
10b	Decide appropriate accounting for FCRPS supplied AGC, losses, and other similar uses in the NERC ATC methodology		Gillman	1/1/2011 4/1/11	With the assignment of a full time manager to oversee the NERC ATC project, the POC is being revised to identify Michelle Manary.
10c	Review and modify, as appropriate, internal processes and procedures for Discretionary Redispatch		Fitzsimmons	1/1/2011	Work has yet to be started.

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 a		Simons	12/31/2010	This is on track and is scheduled to be implemented on time. Requirements have been written and the unscheduled NT load forecast data has been integrated into iCRS. Processes and mock-ups are currently being developed.
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.		Simons	12/31/2010	This is included in the work for 11a above.
11c	Provide customer training on iCRS curtailment calculator, including how dynamic schedules are curtailed.	Calculator tools on web site aren't user friendly. Good translation tables would help. Short-term calculations require a lot of clicking & scrolling. Long and short-term calculators are used extensively; both are awkward and cumbersome.	Simons	12/31/2010	Completed on August 26, 2010
Secondary Area of Concern	Review and make recommendations on the appropriate level of emergency inventory		Ware	3/1/2011	EMS levels are re-evaluated on a continuing basis and biannually every EVEN year. Technical services group to provide Supply Chain the EMS stock level review for this even year (2010) by the end of November. The re-evaluated EMS stock levels will be comp

Revision History				
Date	Version		Description	Approved by
10/4/2010	1.0		Final	
10/7/2010	1.1		Added Parking lot issues	
10/27/2010	1.2		Comments	

10/29/2010	1.3		4b.i-4b.iii Date revision	