Transmission Planning

Attachment K Public Input

Meeting Minutes

FERC 890 Q1

March 27, 2014

Attendees: Jamie Austin

 JD Podlesnik

 Scott Beyer

 Brian Fritz

 Patience Kerchinsky

 Peter Jones

Mark Adams

Craig Quist

Rachel Matteson

 Dave Hagen

 Carmelina Spina

 Gayle MacKenzie – Scribe

* Welcome attendees – Jamie Austin
* Jamie discussed that only PacifiCorp transmission were the only attendees on the call
	+ The decision to continue with the call was made
* Transmission Planning NERC Study Process – Dave Hagen, Manager Area/Transmission PacifiCorp East
	+ Growing Numbers of Standards
		- Reliability Standards – 102 studies
		- CIPS – 8 studies
		- 110 Standards Currently enforceable (150 by 2015)
	+ Four TPL Transmission Planning Studies
		- TPL-001 – System performance under normal (no contingency) conditions
		- TPL-002 – System performance following loss of a single BES element
		- TPL-003 – System performance following loss of two or more BES elements
		- TPL-004 – System performance following extreme events resulting in the loss of two or more BES elements
	+ TPL Assessments Must Be Performed Annually
		- To be valid, the planning authority and transmission planner assessments shall
			* R1.1. Be made annually
			* R1.2. Be conducted for near term (years 1-5)
				+ Cases representing 2015, 2018 heavy summer, 2015-2016, 2019-2019 heavy winter, and 2-16 light spring load periods (PACW)
			* R1.3. Be supported by a current or past study and/or system simulation testing long term (years 5-10)
				+ The power flow base cases used for these studies are based on WECC approved seasonal cases
				+ In order to represent the most severe system results or impacts for heavy load cases, the loads within PACE and PACW were Increased to represent 105% of the forecasted seasonal peak (R1.3.1)
	+ 2013 TPL-002 Category B Steady State Study Summary
		- Up to 1720 unique N-1 line and transformer contingencies
		- Up to 423 unique N-1 generator contingencies were assessed per case.
	+ 2013 TPL-003 Category C Steady State Study Summary
		- The analysis included a total of:
			* 223 bus section fault contingencies
			* 895 breaker fault contingencies
			* 425,238 N-1-1 contingencies
			* 207 N-2 contingencies
			* 203 stuck breaker contingencies
	+ 2013 TPL Summary of Study Results
		- Projects for TPL-002
			* Five deficiencies were identified
		- Projects for TPL-003
			* Forty-nine deficiencies were identified
* Discussion on lack of outside attendance at Attachment K – Jamie Austin
	+ Announcements on OASIS will continue
	+ Compliance requirement to hold meetings
		- Topics by Attachment K process
	+ Check with other regions
		- Reach out to West Connect and Columbia Grid
* Contact information – Link to PacifiCorp OASIS
	+ <http://www.oasis.oati.com/ppw/index.html>
* For Attachment K related comments/questions, address your requests to
	+ TransmissionPlanningProposal@PacifiCorp.com
* Meeting adjourned