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](mailto:TransmissionPlanningProposal@PacifiCorp.com)
* Meeting adjourned