Transmission Planning

Attachment K Public Input

Meeting Minutes

FERC Order 1000(890) Q1

Biennial Cycle 2016-2017

March 10, 2016

Attendees: Jamie Austin

Mark Adams – Transmission Planning East

Peter Jones – Transmission Planning East

Jerry Vang - Metering

Robyn Kara – Transmission Planning East

Kevin Putnam – Field Engineering West

Ken Shortt – Planning East

Anastasia Belesiotis – Scribe

Marshall Empey – UAMPS

* Jamie Austin explains the Attachment K process and FERC Order 1000. Economic Congestion Study Requests open through the end of the March 31, 2016 (Q1) or refresh restudy requests in Q5 (Jan-Mar 2017). PacifiCorp has not received any economic congestion request from customers or stakeholders, to date.
* Cluster and prioritization is utilized consolidate where appropriate of multiple study request, to effectively use staff time.
* Local participation considers conducting remote meetings to address local needs, to accommodate local customer needs and requests.
* Marshal Empey asked, outside the focus group which is at PacifiCorp’s discretion, how one can be involved in the input and review of transmission plans, other than submitting LNR.
* Jamie Austin responds that these quarterly meetings, where kick off meetings are discussed, one can attend and provide feedback and comments. Mark Adams adds that he can be contacted as well to discuss further and receive input.
* Robyn Kara presents the TPL study for PACW and PACE:
  + TPL 001-4 is effective January 1, 2016, which combine the previous four TPL standards into one. The new requirement does introduce additional planning requirements, not previously required. For example, 2016 TPL assessment requires studying outages of shunt devices and non-redundant relay protection outages, fair equipment analysis assessment. We will start 2016 assessment in July.
  + PACW – 531 transmission circuits studies, 839 internal breaker faults studies, over 46K events studied.
  + PACE – 1187 transmission circuits’ studies, total 465K contingencies studied.
  + Steady-state analysis: 31(18 PACE and 13 PACW) unique contingencies, resulting in 37 new projects (34 PACE and 4 PACW)
  + Stability analysis, only 1 event, and one new project, for PACW.
* Kevin Putnam reviews the 5-yr study schedule:
  + Crescent City to be completed in May
  + Kick off Pendleton/Hermistion, and Dal Reed/Sherman County
  + Yakima is 5% complete
  + Honeyville/Malad and Montpelier should be done by end of March
  + Utah Valley, Grace and Smithfield should be complete by next quarter
  + Sigurd, Wyoming South, Price should kick off next quarter
  + Marshall Empey asks Mark Adams if Goshen study will be posted on OASIS, as currently there is only a PowerPoint presentation; Mark responds that compliance will not allow the full study to be published due to third party information in the report.
* Peter Jones discusses five year area studies for Pendleton/Hermistion and the kick off for Dal Reed/Sherman County
  + PACW: service area is divided into 17 study regions, 2 areas in California, 2 in Washington, and the remaining 13 in Oregon
  + Studies are designed to project future electrical system requirements for the next 5-7 years and any foreseeable problems due to load growth; studies are updated every three years.
  + Purpose of presenting at kickoff meetings is to solicit input for new load requests, customer transmission data, possible generation increases, and modifications to system.
  + Dal Reed planning study expected to be complete Q3 2016.
* Jerry Vang – Pendleton/Hermistion study
  + Three areas studied: Hermistion, Pendleton and Enterprise
  + Hermiston’s primarily sources are at McNary and Cold Springs; serving Hermistion, Umatilla, and Hinkle substations.
  + Pendleton’s primary source is Roundup; feeds Pendleton, Buckaroo, McKay, Athena, Pilot Rock and Weston substations.
  + Enterprise area’s primary source is Hurricane substation.
  + Results for Pendleton/Hermiston/Enterprise study expected to be completed in Q4 2016.