Transmission Planning

Attachment K Public Input

Meeting Minutes

FERC 890 Q8

December 20, 2013

Attendees: Jamie Austin

Lori Adams

JD Podlesnik

Larry Frick

Mark Adams

Dave Hagen

Carmelina Spina

Talmage Daley

Scott Murdock

Craig Quist

Jeremy Viula

Bhavana Katyal

Seong T Kim

Gayle MacKenzie – Scribe

* Jamie discussed that only PacifiCorp transmission attendees on the call
  + The decision to continue with the call was made
* Quarter 8 Deliverables
  + The final TSP report was posted on OASIS December 10, 2013
* Major changes were made to the final report – Lori Adams
  + Update the Energy Gateway Projects coverage to reflect the latest schedules and developments
  + Updated proposed construction list (Appendices 2 & 3) to reflect the latest results from the recent reliability system assessment studies and other planning studies
    - Projects removed because they were completed or deferred
    - Hurricane West and Pinto were added
    - Projects were renamed to align with the 10-year plan name
* Open window for accepting study requests
  + TEPPC- January 1, 2014
  + NTTG – March 31, 2014 Q1
  + Local Attachment K – March 31, 2014 Q1
* Local Area Studies Update –
  + PACW - Larry Frick
    - No change since last report
  + PACE – Mark Adams
    - Completed studies
      * Big Horn, Wyoming (West) and Salt Lake Valley
    - Studies to be completed in Q4 2013
      * Ogden and Utah South
    - Studies to be completed in Q1 2014
      * Goshen & Nebo
    - 6 Studies scheduled for 2014
* Rocky Mountain Power Five Year Study Findings 2012
  + **West Wyoming – Seong Tae Kim**
    - 9,000 square miles
    - 22 PacifiCorp-owned substations
    - 16 customer-owned substations
    - Issues: Over-dutied circuit switcher 133A & 131I at Evanston 138kV substation during 3-phase fault
    - Recommended solution: replace both circuit switchers with a higher rating
    - Estimated cost: $300,000
  + N-0 System Improvements – Wyoming West
    - Recommended solution, install 3 MVar switched capacitor at Paradise 25kV
  + N-1 System Improvements – Wyoming West
    - Craven Creek – Monument 230kV Outage
    - Chimney Butte 230/69kV 75 MVA Transformer Outage replaced by 230/69kV 50 MVA back-up transformer
    - Paradise 69/25kV transformer outage
  + Long-term solution – Wyoming West
    - Construction of 230kV line between Chimney Butte & Paradise
      * Project is budgeted and anticipated in-service date is end of 2017
  + **Tooele Utah – Talmage Daley**
    - Cover 800 square miles in Tooele County
      * 2 source substations – Terminal & Oquirrh
      * 1 alternate source at Terminal
      * 20 substations – 12 customer owned substations
      * Sub-Transmission voltages include 46kV and 138kV
      * N-1 System Improvements
      * Estimated costs $9,920,000
  + **Ogden Utah – Bhavana Katyal**
    - Covers Davis, Morgan and Weber counties in Northern Utah
    - 45 PacifiCorp substations and 32 customer owned substations
    - No significant generation within the study area
    - Ogden N-0 System Improvements
      * West Point Substation
      * Midland
      * Estimated cost $3,000
    - Ogden N-1 Improvements
      * Transfer Fruit Heights to Parrish and reverse automatic throw-over scheme
      * Estimated cost $3,000
* Rocky Mountain Power Kickoff Studies
  + Nebo Utah – Carmelina Spina
    - West Utah Lake to the north
    - Sanpete County to the east
    - Part of Millard county to the west
    - Sanpete county to the south
    - UAMPS and Utah Municipal Power Association members encompassed in area
    - Approximate summer and winter load in the area for 2013
      * 97MW and 76MW
  + Southwest Utah – Talmage Daley
    - Covers 1600 square miles in Iron and Washington Counties
    - 6 transmission subs
    - Several power entities within study area
    - 40 substations, 4 are customer owned
    - Voltages studies include 69kV and 138kV
  + Goshen Idaho – Scott Murdock
    - Urban and agricultural areas
    - 8 sub-transmission systems
    - 2009 load was 66% of total capacity
    - 2014 capacity was expected to be 73% of load
    - Expected load for 2014 is 640 MVA
    - Area generation-low hydro, 200MW wind potential, some bio mass
    - Demand Side Management is built into the tariff
* 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