Transmission Planning

Attachment K Public Input

Meeting Minutes

FERC Order 1000(890) Q6

Biennial Cycle 2014-2015

June 11, 2015

Attendees: Jamie Austin

Mark Adams – Transmission Planning East

Larry Frick – Transmission Planning West

Robyn Kara – Transmission Planning East

Patience Kerchinsky – Transmission Services

Craig Quist – Transmission Planning East

Nathan Wilson – Area Planning East

Anastasia Belesiotis – Scribe

Marshall Empey – UAMPS

* Welcome attendees – Jamie Austin
* No economic study requests or restudy requests submitted in Q1 or Q5
* Marshall Empey commented that the Plan Appendices on Oasis still has a placeholder note; would like to know when that will be updated. Jamie responded that we are still awaiting annual TPL results, approximately November 1st, 2015. Craig Quist suggested posting last year’s results until then.
* Edits suggested for Hurricane West network delivery point: delivery feeds were requested to change to 69 kV for Deseret & UAMPS (and EMS)
* Page 10 assumptions and databases: Integrated resource plan doesn’t mention any other customers, but should mention others as well.
* Craig Quist update on Sigurd to Red Butte (#2 Line)
* Line was energized on May 28, 2015, 170 miles, 791 structures
* Construction was paused in some areas for nesting/environmental concerns
* A letter was issued to WECC noting path ratings change (400 MW to 600 MW North to South)
* Larry Frick update on 5 year studies - Westside
* Crescent City is 2/3 complete, resources reassigned for now
* Grants Pass is done, and draft is currently under review by area planning
* Hood River is over 50% complete, should be done in the next month or two.
* Mark Adams update on 5 year studies – Eastside
  + Completed SW Utah/Pavant is complete; reporting results shortly
  + Sigurd kicking off shortly
  + Several other studies underway, delayed due to generation interconnection study requests, and resource constraints
* Nathan Wilson reviews Nebo:
  + Four transmission subs: Mona, Clover, Nebo and Jerusalem
  + 40 loads monitored, substations and delivery points
  + Transmission voltages are 46kV and 138 kV; other lines but not covered for this area planning study.
  + Study completed recently
  + Summer growth 1.7%, winter 1.5%
  + Load growth due to potential agricultural and moderate residential increase
  + Marshal Empey wanted to emphasize some commercial growth Ephraim, still some concern with reliable service (college and recent Wal-Mart growth at the end of the line)
  + Some solar growth at the college dorms/apartments, more solar in Sanpete county
  + System improvements in Sanpete county: rebuilding line from Jerusalem to Ephraim, completed construction to Moroni tap, all new line, poles; completion dependent on funding.
  + Upgrade voltage for Nebo sub at Clover 345-138 kV transformer; replace Nebo transformer with load-tap from Spanish Fork feed.
  + Upgrade Welfare transformer 4.6 to 9 MVA, completed in 2014.
  + Jerusalem completed in 2014 to the Moroni tap.
* Pavant:
  + Covers Delta, Lynndyl to Fillmore
  + 1400 square miles, two transmission subs Pavant & Black Rock
  + 21 substations, 10 of which are customer substitutions
  + 46, 69, 230 kV lines
  + Summer growth 1.5%; projected 2017 summer 63 MW
  + Holden to Fillmore: plan is to build new line to Holden tap to supply better voltage
  + Phase 1 planned for in-service Spring 2016
* Sigurd study kick-off
  + Study Sigurd this year
  + Includes portions of Sanpete, Sevier, Beaver, Garfield, Piute counties; serves Gunnison, Beaver, Richfield, Panguitch and Milford.
  + 32 substations, 138, 69, 46 kV
  + Main sources of generation are Blundell Geothermal plant (35MW output in Milford area), and on same system Upper Beaver Hydro plant
  + Blundell has requested phase II looking for 70 -75 MW, which is on hold; has potential for more.
  + Transmission constrains in this area, in process of building a 138 kV line which would have potential for expansion of Blundell; scheduled completion fall 2015.