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
		- Meeting adjourned