

Meeting Notes

**BHCT 2015 Q4
Transmission Coordination and Planning Committee (TCPC)
Stakeholder Meeting
December 16th, 2015 – 1:30 pm MST
BHP Service Center, Rapid City, SD 57702**

Attendees:

Attending in person:

Jon Cichosz (BHC)
Mike Lundy (BHC)
Jim Farby (BHC)
Charles Shue (BHC)
Mike Fredrich (BHC)
Scott Perhus (BHC)

Attending by phone conference:

Wes Wingen (BHC)
Mark Trevithick (BHC)
Mark Even (BHC)
Paul Caldara (COPUC)
Kevin Pera (XCEL)
Chris Neil (OCC)
Ed Peper (BHC)
Ebi Kazmeri (BHC)

TCPC Stakeholder Meeting Agenda:

- Welcome and Introductions
- TCPC Policies
- BHCE Planning Department Update
- 2015 LTP Study Scope Review
- Study Results
- Stakeholder Input & Questions

TCPC Meeting Notes

Jim Farby kicked off the meeting with introductions and an overview of the meeting agenda.

Mr. Farby discussed the regulatory efforts that the transmission planning group is involved with including recent filings. He then provided an overview of the various transmission planning groups that Black Hills is involved with on a local and regional level.

The active generator interconnection requests were reviewed for active generator interconnections.

The planned transmission system upgrades (10-Year Transmission Plan) were discussed including SB-100 projects.

Mr. Farby discussed the 2015 Senate Bill 100 requirements and study scenarios. Resource injections into the BHCE system from 3 different Energy Resource Zones (#2, #4, and #5) were evaluated using the 2020 summer peak scenario. The results of the resource injections were highlighted and are available in the meeting presentation.

Scott Perhus asked what the timeline was for the Overton project which Ebi stated has an in-service date of 2016.

Mr. Farby reviewed the 4 scenarios evaluated for the TCPC analysis, noting that the TCPC study will look at system conditions before and after planned projects are expected to be in service to validate the continued need for those projects. Results for the 4 scenarios were reviewed for the geographic regions of the BHCE system and which sensitives were studied.

Chris Neil asked about the impacts of the additional 300 MW of generation at Lamar (2024hs). Jim Farby explained that generation increases E-W flows across the BHCE system. The generation is tied in with Lamar-Burlington 230 line and a second Boone-Lamar line and Boone-Walsenburg.

Wes Wingen asked which direction the prevailing direction power flows on the BHCE system which Jim stated is south to north rather than N-S in the slide.

Mark Even asked why there is a high east west flow in the light case which Jim stated is due to the wind generation at Busch ranch, Twin buttes and the Lamar tie.

Chris Neil asked if generation injection from the SLV (solar) begin to create a west-east flow? Jim Farby thought that it could be possible but it would depend on the infrastructure that is in place.

Wes Wingen outlined another potential issue in how TOT5 and the SW CO phase shifters are modeled in the base cases. That can have an impact on the E-W flows through the BHCE system and west of Poncha.

Paul Caldara asked regarding the E-W flows mentioned, did the model include the Lamar-Burlington Line? If not, would it impact the E-W flows?

Jim Farby responded that the line was in the case (2024hs), along with the new generation. If that line is out as a prior outage, the new generation flows toward Boone.

Wes stated that BHCE is considering holding biennial meetings instead of quarterly meetings which would increase efficiencies. Kevin Perra and Chris Neil stated that both are in favor of holding biennial meetings.

Chris Neil asked about the status of the La Junta Tie project. Wes Wingen stated that the project was reviewed internally and about its feasibility and it was determined that the benefits did not justify the cost. The project is moving forward with internal projects. Wes Wingen stated that the project would be explained in the next 3627 filing.

Hearing no other comments, the meeting was adjourned.