

Southwest Power Pool, Inc.
TRANSMISSION WORKING GROUP MEETING
June 1, 2021 – 9:00 am to 3:00 PM CT
Net-Conference

SUMMARY OF MOTIONS AND ACTIONS

- General
 - Approved **SUS-018 Carpenter-Willow Lake**
 - Approved **SUS-021 Rockhaven**
 - Approved **Grain Belt Express Interconnection Study Scope**

- 2022 ITP/20-Year Assessment
 - Approved **Generator Outlet Facilities (GOFs) methodology**

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MINUTES

AGENDA ITEM 1 – ADMINISTRATIVE ITEMS

Transmission Working Group (TWG) Chair Nathan McNeil, Midwest Energy, Inc., called the meeting to order at 9:00 a.m. The following members were in attendance or represented by proxy:

Derek Brown (Vice Chair), Evergy Companies
Andrew Berg, Missouri River Energy Services
Arash Ghodsian, EDF Renewables
Chris Pink, Tri-State Generation and Transmission Association, Inc.
Clifford Franklin, Sunflower Electric Power Corporation
Gayle Nansel, Western Area Power Administration
James Ging, Kansas Power Pool
Jarred Cooley, Xcel Energy
Jason Shook, GDS Associates
Jim McAvoy, Oklahoma Municipal Power Authority
Joe Fultz, Grand River Dam Authority
John Boshears, City Utilities of Springfield Missouri
John Knofczynski, East River Electric Power Cooperative
Joshua Verzal, Omaha Public Power District
Kalun Kelley, Western Farmers Electric Cooperative
Matt McGee, American Electric Power
Michael Mueller, Arkansas Electric Cooperative Corporation
Michael Wegner, ITC Holdings
Nate Morris, Liberty Utilities
Noman Williams, GridLiance High Plains LLC
Phil Westby, Basin Electric Power Cooperative
Randy Lindstrom, Nebraska Public Power District
Scott Benson, Lincoln Electric Systems
Shane McMinn, Golden Spread Electric Cooperative
Steve Hardebeck, Oklahoma Gas & Electric

Proxies:

Moses Rotich for Noman Williams (GridLiance)

Adam Bell (SPP) confirmed there was a quorum and provided the antitrust statement. Nathan McNeil reviewed the agenda for any changes.

Scott Benson made a motion, seconded by Derek Brown, to approve the meeting agenda. The motion passed unanimously.

CONSENT AGENDA

The consent agenda included a request for TWG to endorse the SUS-018 Carpenter-Willow Lake 69 kV sponsored upgrade study work and study reports.

Josh Verzal made a motion, seconded by Andrew Berg, to approve the consent agenda. The motion passed unanimously with one abstention; Matt McGee.

AGENDA ITEM 2 – TWG ACTION ITEMS

Adam Bell (SPP) reviewed the TWG action items list with the group.

AGENDA ITEM 3A – ITP MITIGATION UPDATE

Nick Parker (SPP) presented staff's Transmission Planning Mitigation Ideas which included providing the current status and the transmission planning resource allocations, showing the workload allocation for transmission planning under the current plan. The 2021 ITP mitigation plan was approved with the exception of a reliability-only 2023 ITP at the April MOPC and the timeline is still constrained for the 2021 ITP to complete in December. The board did approve the use of additional consulting budget, if needed, prior to returning to July MOPC with a final proposal.

Mr. Parker also discussed various other proposed mitigation ideas with the group. These ideas included re-using the 2022 ITP Scope for the 2023 ITP, removing Future 1 from the 2021 ITP portfolio development, removing the 2021 ITP sensitivity analysis and reducing the benefit metrics to the adjustment production cost (APC) metric only. Some other ideas included an operations-only RCAR III study, using the 2021 ITP mitigation for the 2022 ITP, extending final end dates or removing Future 1 for the 2022 ITP and/or 20-Year Assessment (20YA), only using staff developed solutions for the 20YA, and implementing a cloud-based PROMOD environment. The group discussed the options and more information will be provided in subsequent meetings.

AGENDA ITEM 3B – 2021 ITP: NEEDS ASSESSMENT OVERVIEW

Joshua Pilgrim and Maurisa Hughes (SPP) provided an update on the 2021 ITP needs assessment. Mr. Pilgrim presented differences in the 2021 ITP study from previous studies, as well as information related to the reliability thermal and voltage needs. Ms. Hughes reviewed the economic needs, including needs and scope information related to the JTIQ study, and Bakken and SPS-South target area economic needs.

AGENDA ITEM 3C – 2021 ITP: TARGET AREA UPDATE

Adam Bell (SPP) advised the group that this item would be presented at subsequent meetings, but did bring up the presentation for any stakeholder discussion or questions.

AGENDA ITEM 3D – 2022 20YA: SCOPY & STUDY EXECUTION ACTION ITEMS

Sherri Maxey (SPP) presented updates to the 20YA scope and study execution action items list.

AGENDA ITEM 3E – 2022 ITP/20YA: GENERATOR OUTLET FACILITIES (GOF)

Greg Lampley (SPP) provided an overview of the work related to the 2022 ITP GOFs, a high-level process overview based on the ITP Manual, and a high-level schedule timeline. In addition, Mr. Lampley reviewed the staff's proposed methodology for use for the 20YA GOFs, and requested approval for the 20YA methodology.

Derek Brown made a motion, seconded by Scott Benson, to approve GOFs from the 2022 ITP be included in the 20YA; however, a formal decision be delayed on 20YA GOFs until the Constraint Assessment milestone. The motion passed unanimously.

AGENDA ITEM 3F – ITP SCHEDULE UPDATES / LESSONS LEARNED

Dara Solomon (SPP) reviewed the current 2021 ITP, 2022 ITP and 20YA schedules with the group. In addition, lessons learned for the 2021 ITP market economic model (MEM) build and MEM Benchmarking were discussed.

AGENDA ITEM 4 – GRAIN BELT EXPRESS INTERCONNECTION STUDY SCOPE

Carlos Rodriguez (Invenergy) presented the Grain Belt Express Interconnection Study Scope to the group for discussion and requested approval. This scope document was previously presented at the May 2021 TWG meeting. The documents can be found on [GlobalScape](#) here: *Reliability Planning (CEII, RSD) >> TWG Materials >> Interconnection Reviews >> 2020 Grain Belt Interconnection Request*. SPP staff will take back questions related to this project and any potential affected system studies.

Derek Brown made a motion, seconded by Phil Westby, to approve the Grain Belt Express Interconnection Study Scope. The motion passed unanimously with one abstention Josh Verzal.

AGENDA ITEM 5A – SUS-021 ROCKHAVEN SPONSORED UPGRADE STUDY

Ryan Hicks (SPP) reviewed the SUS-021 Rockhaven 138 kV sponsored upgrade study performed for Enel North America (sponsor) and Oklahoma Gas and Electric (host transmission owner) with the group, as well as next steps, and requested TWG endorsement.

John Knofczynski made a motion, seconded by Cliff Franklin, to endorse the SUS-021 Rockhaven sponsored upgrade study. The motion passed unanimously.

AGENDA ITEM 6 – STANDARDIZED TIME LINES FOR TRANSMISSION PROJECTS / HITT T3

Jason Davis (SPP) discussed with the group the proposed changes to the standardized timelines for transmission projects as part of the HITT T3 initiative, which included the incorporation of feedback received at the May 2020 TWG meeting. Next steps will be to request TWG approval of the standardized project timeline and additional timing for exceptions at the July meeting.

AGENDA ITEM 7 – GI BUSINESS PRACTICE REVISION REQUEST

Caitlin Shank (SPP) provided a review of a revision to SPP business practice 7250 for the additional TDF threshold triggering violation mitigation and cost allocation. The objective of this effort is to obtain GI group reduction approval and mitigate adverse impacts to GI customers. Ms. Shank discussed the proposed revisions to BP7250 language with the group and provided the upcoming RR working group review dates. The TWG voiced opposition to adding another 20% impact threshold to the ERIIS analysis in Generation Interconnection studies.

AGENDA ITEM 8 – TWG WINTER WEATHER EVENT RECOMMENDATIONS

Adam Bell (SPP) reviewed SPP's recommendations based on the Winter Weather Event experienced in SPP's footprint in 2021. Mr. Bell addressed questions that were raised related to the focus of the recommendation developed by the TWG.

AGENDA ITEM 9 – ACTION ITEMS AND FUTURE MEETINGS

The TWG will return to meeting in July 2021.

With no new business, Nathan McNeil, Midwest Energy, Inc., adjourned the meeting at 3:00pm.

Respectfully Submitted,

Adam Bell

Secretary