

**Southwest Power Pool, Inc.**

**TRANSMISSION WORKING GROUP MEETING**

**May 3, 2021 - 1:00 pm to 5:00pm CT**

**May 4, 2021 - 9:00 am to 3:00pm CT**

**\*\*12:30pm to 3:00pm CT was a Closed Session\*\***

**Net-Conference**

**SUMMARY OF MOTIONS AND ACTIONS**

- General
  - Approved **Consent Agenda**
  - Approved **Reliability Hour Selection Process**
  - Approved **RR 450: Operational Guide Policy**
  
- TWG Closed Session
  - Approved **MOD-030 Flowgate Assessment**
  - Approved **PRC-023 Annual Assessment**

**SOUTHWEST POWER POOL**  
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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  
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

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

**Derek Brown made a motion, seconded by Josh Verzal, to approve the meeting agenda. The motion passed unanimously.**

#### CONSENT AGENDA

The consent agenda included three sets of TWG meeting minutes (January 6, 2021, February 2, 2021 and March 2, 2021 meeting minutes).

**Matt McGee made a motion, seconded by Shane McMinn, to approve the consent agenda. The motion passed unanimously.**

#### AGENDA ITEM 2 – MOPC / BOARD UPDATE

Adam Bell (SPP) and Nathan McNeil (MIDW) provided a review of the April 2021 MOPC/board meetings with the group.

#### AGENDA ITEM 3A – 2021 ITP MITIGATION UPDATE

Chris Davis (SPP) updated the group on the status of the 2021 ITP mitigation.

#### AGENDA ITEM 3B – 2021 ITP: TARGET AREA UPDATE

Chris Jamieson (SPP) overviewed the 2021 ITP Bakken and SPS-South target areas with the group, including the scope structure, sensitivity models, and needs. Mr. Jamieson also discussed the SPS-New Mexico Ties (SPSNMTIES) interface and additional analysis options, including next steps for target area work.

#### AGENDA ITEM 3C – 2021/2022 ITP PLANNING VS. OPERATION CONGESTION

Chris Jamieson (SPP) presented the 2021 and 2022 ITP persistent economic operational solution evaluations. The objectives were to review the Key Performance Indicator (KPI) from the Q1 2021 Joint Quarterly Stakeholder Meeting, provide a quarterly 2021 ITP market economic model (MEM) and Operations congestion comparison, and update the group on the 2021 ITP persistent operational economic solution evaluation efforts. Mr. Jamieson also discussed next steps and will be returning to subsequent meetings to finalize approach.

### AGENDA ITEM 3D – 2021 ITP: SUMMIT UPDATE

Kirk Hall (SPP) provided an overview of a recommendation from the SCRIPT Decision Quality sub-team to discuss the value of the current planning summit scheduling, and the possible effects of moving the summit to a later date. There was general agreement with the approach and stakeholders asked that the summit date be paired with other TWG/ESWG meetings, and notice be provided early enough where travel is required.

### AGENDA ITEM 3E – 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 renewable policy review, resource plan – phases 1 and 2, siting plan, and generator outlet facilities (GOF) milestones were discussed.

### AGENDA ITEM 4 – TPL UPDATE

Jonathan Hayes (SPP) provided the group a TPL update, which included an update on the 2021 TPL-001-4 market powerflow models (MPM), as well as an update on the dynamic study portion of the 2021 TPL-001-4. In addition, Mr. Hayes provided an update on the 2022 TPL-001-5 scope.

### AGENDA ITEM 5 – ACTION ITEM 201: RELIABILITY HOUR SELECTION PROCESS

Kirk Hall (SPP) presented an update on TWG action item 201 to revisit the sensitivity cases for the 2021 ITP/TPL. After discussion on peak hour selection for the 2020 ITP, TWG had concerns about the high wind levels in the models and were interested in pursuing a low/no wind case. Discussions were had related to the 2021 TPL Scope, but eventually determined an RR was necessary due to the link between the ITP and the TPL. Mr. Hall reviewed TWG concerns and other considerations, and stated that staff believes a higher wind penetration case continues to be the best method for creating a sensitivity case. After the group discussed, it was agreed that the action item could be closed out. **SPP staff agreed to bring back options to the TWG for sensitivities in future ITPs and review any necessary changes needed for the ITP Manual.**

### AGENDA ITEM 6A – GRAIN BELT EXPRESS INTERCONNECTION STUDY SCOPE

Carlos Rodriguez and others from Invenergy presented the Grain Belt Express Interconnection Study Scope to the group for discussion, including an update of the Grain Belt Express project, the system studies process, the scope of work related to steady state, short circuit and stability, as well as next steps. The final report approval is expected by the end of 2021. The documents can be found on [GlobalScape](#) here: *Reliability Planning (CEII, RSD) >> TWG Materials >> Interconnection Reviews >> 2020 Grain Belt Interconnection Request*. Mr. Rodriguez will be coming back to the June 2021 TWG meeting to request approval, and SPP staff agreed to discuss GI requirements related to this project.

#### AGENDA ITEM 7A – SUS-O18 CARPENTER-WILLOW LAKE SPONSORED UPGRADE STUDY

Ryan Hicks (SPP) discussed the SUS-018 Carpenter-Willow Lake 69 kV sponsored upgrade study performed for East River Electric Power Cooperative (sponsor and host transmission owner) with the group, as well as next steps. This item will be brought back to June 2021 TWG meeting for approval.

#### AGENDA ITEM 7B – SUS-O21 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. This item will be brought back to June 2021 TWG meeting for approval.

#### AGENDA ITEM 8 – STANDARDIZED TIME LINES FOR TRANSMISSION PROJECTS / HITT T3

Jason Davis (SPP) discussed the proposed changes to the standardized timelines for transmission projects as part of the HITT T3 initiative with the group.

#### AGENDA ITEM 9 – REMEDIAL ACTION SCHEME (RAS) POLICY

Adam Bell (SPP) reviewed the final draft of the Remedial Action Scheme (RAS) Policy with the group. SPP staff provided the final updated version of the policy document and TWG members discussed their thoughts on the new revisions. After additional revisions during group discussion, the recommendation was to present to ORWG with feedback from TWG. Mr. Bell requested if anyone had specific comments that need to go to ORWG, please send them to him. Once approved, this policy document will be used to draft a revision request.

#### AGENDA ITEM 10 – RR 450: ESTABLISH OPERATING GUIDES IN ITP MANUAL

Joshua Pilgrim (SPP) discussed RR 450 to establish operating guides in the ITP Manual with the group. This RR was based on previously approved policy of the TWG. After minor adjustments were made, Mr. Pilgrim requested approval.

**Nate Morris made a motion, seconded by Matt McGee, to approve RR 450. The motion passed unanimously.**

#### AGENDA ITEM 11 – TO PROJECT EVALUATION PROCESS

Charles Hendrix (SPP) reviewed the proposed new TO project evaluation process and the associated draft revision request language. Mr. Hendrix noted this will be back before the group several more times for additional discussion.

## AGENDA ITEM 12 – MULTI-TERMINAL TRANSMISSION LINES

Jeff Beasley (GRDA) presented to the group a policy that the SPP SPCWG had been discussing on the treatment of three terminal lines in the planning process. The presentation resulted in SPP staff taking back several questions to be answered at a future meeting.

## AGENDA ITEM 13 – ACTION ITEMS AND FUTURE MEETINGS

With no new business, Nathan McNeil, Midwest Energy, Inc., adjourned the open session of the meeting at 1:00pm.

**\*\*\* TWG CLOSED SESSION \*\*\***

## AGENDA ITEM 14 – 2021 MOD-030 FLOWGATE ASSESSMENT

Brian Sweeney (SPP) presented the 2021 MOD-030 Flowgate Assessment with the group requesting approval. Mr. Sweeney reviewed the process, coordination with Operations, the TLR or CME check for potential flowgate removals, informing TPS and TOPS of flowgate activity, and converting a temporary flowgate to permanent.

**Josh Verzal made a motion, seconded by Matt McGee, to approve the 2021 MOD-030 Flowgate Assessment. The motion passed unanimously with one abstention: John Boshears.**

## AGENDA ITEM 15 – 2021 PRC-023 ANNUAL ASSESSMENT

Samantha Dix (SPP) reviewed the 2021 PRC-023 Annual Assessment with the group requesting approval. Ms. Dix provided an overview of the process, including PRC-023-4 Attachment B.4, and PC analysis of B.4 facilities.

**Scott Benson made a motion, seconded by Matt McGee, to approve the 2021 PRC-023 Annual Assessment. The motion passed unanimously with one abstention: Jarred Cooley.**

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

Respectfully Submitted,

Adam Bell

Secretary