

**North Carolina Transmission Planning Collaborative
Oversight / Steering Committee (OSC)
Meeting Highlights
March 23, 2020
Teleconference Meeting
10:00 AM - 11:15 AM ET**

Mark Byrd, Chairman
Bill Quaintance
Lee Adams
Bob Beadle
James Manning
Marty Berland
Kevin Josupait
Bob Pierce
Orvane Piper
Rich Wodyka

Duke Energy Progress
Duke Energy Progress
Duke Energy Progress
NCEMC
NCEMC
ElectriCities
ElectriCities
Duke Energy Carolinas
Duke Energy Carolinas
Consultant Administrator

Administrative

OSC Meeting Minutes and Highlights

- The February 19, 2020 OSC Meeting Minutes and Highlights were reviewed and approved.

2020 Study Scope Discussion

- Mark Byrd reviewed the SE Wind Coalition (SEWC) public policy request for an analysis of off-shore wind development and the impact on the NC transmission system. The SEWC wants the NCTPC to analyze the potential for 2,400 MW of wind generation injecting into Dominion's Landstown 230 kV area and be wheeled in DEC/DEP. Separately, the SEWC request would also determine 3 least cost injection points somewhere along the NC coast. Finally, the SEWC request wants to determine the transmission cost breakpoints for varying amounts of generation injection at those 3 sites up to 5,000 MW. The OSC discussed the specific SEWC study request and the necessary study steps to perform the analysis as requested by the SEWC. The OSC generally agreed that the SEWC public policy request could be done as requested but the analysis details still need to be worked out. Mark Byrd will report on the SEWC public policy request at the upcoming TAG meeting. He

will report that the scope associated with this request is still being refined and TAG will get an opportunity to review and comment on the 2020 study scope once it is finalized.

- Bob Beadle led the OSC review and discussion of the NCEMC proposed study scenario for evaluating the rapid load growth in the greater Charlotte area specifically targeting the Union / Cabarrus County load areas. The study request would analyze a 5-6% load growth in these load areas in the 2025 and 2030 summer models. Renewable generation in the models will include sites already interconnected with the DEC system and exclude sites without an executed Interconnection Agreement in DEC. NCEMC will define the specific loads for this analysis. After the OSC discussion, it was decided that NCEMC and DEC members would refine the scope of the analysis and TAG will get an opportunity to review and comment on the 2020 study scope once it is finalized.
- The OSC will continue to discuss the 2020 Study Scope again at the April meeting.

TAG Meeting Presentations

- Rich Wodyka led the OSC review and discussion of the proposed TAG meeting draft presentations. Rich identified the stakeholders that have registered to participate in the TAG meeting.

2020 Study Scope Discussion Presentation

- Mark Byrd led the OSC discussion on the presentation of the 2020 study scope. Mark noted that the 2020 study analysis would include our standard reliability analysis for 2025 summer, 2025 - 2026 winter along with the 2030 summer. Mark noted the Local Economic Studies and Public Policy Studies we received and discussed earlier under the OSC review and discussion of the 2020 Study Scope. The remainder of the study scope presentation reviewed the overall study process steps including the study assumptions, study criteria, and study methodologies for the analysis.

Regional Studies Report Presentation

- Bob Pierce led the OSC review and discussion of the presentation on the various regional study activities.

SERC LTWG Update

- Bob reported that the SERC LTWG has begun their work on the 2020 series of LTWG cases.
- Bob reported that NERC has decided to retain control of the MMWG model building activities. The original proposal had been to turn over these activities to the EIPC.

SERTP Update

- Bob reported that the SERTP 1st Quarter Meeting will be held on March 25th in Birmingham, AL. The proposed 2020 SERTP Economic Planning Studies will be discussed and finalized. The meeting will also include a training session on Inverter Based Generation by Bill Quaintance.

FERC / NERC Update

- Bob reported on the TPL-001-5 NERC standard that was approved by FERC to become effective on April 13, 2020. This standard address the study of single points of failure protection systems; and the planned maintenance outages and spare equipment strategies for spare equipment.

TAG Work Plans Presentation

2020 TAG Work Plan Update

- Rich Wodyka reviewed and highlighted the updated work plan for the 2020 TAG activities. He focused on the 1st quarter activities and noted that while the 2020 Study Scope was still being finalized the TAG will still get an opportunity to review and comment on the study scope.

Regional Updates

SERTP Activities

- Report covered under the TAG presentation review.

PWG Items

SERC LTWG Update

- Orvane Piper reported that the SERC LTWG is continuing with their 2025 model building activities for the SERC Planning Studies.

CTCA Studies Update

- Lee Adams reported that the CTCA is responding the the data requests for their 2020 study model building activities.

EIPC Update

- Mark Byrd reported that the EIPC Transmission Analysis Working Group continues to work with the EIPC Production Cost TF on a high renewable analysis study using 2028 study cases to evaluate renewable supply options. The specifics of the analysis are still being worked out.

NERC Activities Update

- Bob Pierce reported that the MMWG is developing additional low inertia study cases for EIPC.

PWG Minutes

- There were no comments or questions on the last PWG meeting minutes distributed by Lee Adams.

Future OSC Meeting Schedule

- The OSC confirmed the date, times and format for the April OSC meeting listed below.
- Mark Byrd will be sending out doodle polls for establishing the OSC schedule for the rest of the year.

Date	Time	Location
April 20, 2020	OSC 3:30 pm - 5:00 pm	Conference Call