

**North Carolina Transmission Planning Collaborative
Oversight / Steering Committee (OSC)
Meeting Highlights
September 14, 2023
Webex / Teleconference Meeting
10:00 AM - 12:00 PM ET**

Bob Pierce, Chairman	Duke Energy Carolinas
Orvane Piper	Duke Energy Carolinas
Avni Patel (part-time)	Duke Energy Carolinas
Bill Quaintance	Duke Energy Progress
Sammy Roberts	Duke Energy Progress
Sid DeSouza	Duke Energy Progress
Chris Walton	NCEMC
James Manning	NCEMC
Joe Mason	NCEMC
Marty Berland	Electricities
Rich Wodyka	Consultant Administrator

Administrative Items

OSC Roster Changes

- Edgar Bell has retired from Duke Energy Carolinas which has resulted in OSC administrative and roster changes. Bob Pierce has taken over the OSC Chairman responsibilities. Avni Patel, the Duke Energy Carolinas Director of Transmission Planning, has been selected to replace Edgar as the OSC representative. The OSC has endorsed these changes and thanked Edgar for his many years of dedicated service on the OSC.

OSC Meeting Minutes and Highlights

- The August 21, 2023 OSC Meeting Minutes and Highlights were reviewed and approved.

TAG Meeting

- Rich Wodyka reviewed the agenda for the scheduled TAG meeting starting at 1:30 pm. The agenda of the TAG meeting includes an update on the 2023 Study Activities including a review of the 2023 Preliminary Reliability Study Results, report on Duke Energy Red-Zone Transmission Expansion Plan Projects (RZEP 2.0), discussion on

the NCTPC Process activities related to expanding transparency and coordination as part of the Transmission Planning Process Attachment N-1 Report, a Regional Study Activities update report, and a review of the 2023 TAG Work Plan.

- Rich also identified the TAG stakeholders that have registered to participate in the meeting.

2023 Study Activities Report and Preliminary Reliability Study Results Presentation

- Orvane Piper and Sid DeSouza led the OSC review and discussion of the 2023 Study Activities and Preliminary Reliability Study Results presentation. Orvane reviewed the annual reliability study process including the activities associated with each of the eight steps in the study process, and highlighted the 2023 study assumptions including the study years for this years analysis. Orvane reviewed the DEC preliminary reliability projects. He reported on 30 new DEC projects with an estimated total cost of \$693.8M. Sid reviewed the DEP preliminary reliability projects. He reported on the 8 new DEP projects with an estimated total cost of \$234.5M. Sid then reviewed and highlighted the study assumptions and status of the current Public Policy Study.

Duke Energy RZEP 2.0 Expansion Plan Projects Report Presentation

- Sammy Roberts led the OSC review and discussion of the Duke Energy’s proposed RZEP 2.0 expansion plan projects presentation. Sammy highlighted the 11 proposed projects, the location of these projects in the system and how they support the 2022 DISIS Phase 1 Study.

NCTPC Transmission Planning Process Attachment N-1 Report Presentation

- Sammy Roberts led the OSC review and discussion of the current NCTPC Transmission Planning Process Attachment N-1 document presentation. Sammy reviewed the various comments and questions that have been submitted by the TAG stakeholders on the Attachment N-1 draft document and the proposed response to each feedback item received. Sammy concluded with a review of the proposed schedule for filing the updated Attachment N-1 document with FERC and ultimately the implementation the FERC approved changes in to the Local Transmission Planning Process.

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 SERC LTWG continues their work on the MMWG cases and completing their 2023 study of the 2028 Summer.

SERTP Update

- Bob reported that the SERTP 3rd Quarter Meeting is being held on September 21st. He reported that the preliminary Economic Study results of the five SERTP Economic Planning Studies will be presented.
 1. MISO to TVA – 2900 MW, 2028W
 2. South GA to North GA – 1600 MW, 2028S
 3. TVA to North GA – 1600 MW, 2028S
 4. MISO to LGE/KU - 1242 MW, 2028S
 5. SOCO to DEC – 500 MW, 2033
- Bob also reported that the SERTP continues to conduct interregional meetings.

NERC Activities Update

- Bob reported on the recent NERC Southwest Disturbance Report and highlighted the conclusions identifying the need for inverter-based resource performance issues.
- Bob reported on the 2023 NERC Reliability Risk Priorities Report that defines and prioritizes risks to the reliable performance of the bulk power system. He noted that the report highlighted the need to consider three transmission planning energy-related scenarios to mitigate risks to the bulk power system. NERC is considering the modification of the TPL-001-5.1 Reliability Standard to create a new Reliability Standard focused on transmission planning analyses.

2023 TAG Work Plan Presentation

- Rich Wodyka reviewed and discussed the TAG work plan presentation. He highlighted the overall NCTPC schedule and the activities that were completed so far this year. He noted that the TAG will be invited to propose any alternative solutions to the preliminary reliability study results and to provide any comments or questions on any of the material presented at the TAG meeting by October 16th. Rich will also note that the date for the 4th quarter TAG meeting has been tentatively scheduled for December 14th.

Transmission Planning Process Attachment N-1 Report

- Report was covered under TAG presentation review and discussion.

2023 Reliability Study Activities Report

- Report was covered under TAG presentation review and discussion.

2023 Public Policy Study Activities Report

- Report was covered under TAG presentation review and discussion.

Duke Energy Red-Zone Transmission Expansion Plan Projects (RZEP 2.0) Update

- Update was covered under TAG presentation review and discussion.

CCEBA Meeting Follow Up

- Rich Wodyka reviewed the CCEBA follow up message to the September 6th meeting that was held to help CCEBA learn how the NCTPC conducts its studies so that can replicate the study results when the NCTPC study models become available. After review and discussion, the OSC decided that another meeting is not necessary but that a response will be developed to respond to the comments and questions raised in the CCEBA message. Sammy Roberts will take the lead in developing the CCEBA response.

NCTPC Data Request Process / Duke FERC 845 Process

- Rich Wodyka reviewed the NCTPC data request process and the associated Duke FERC 845 process. Rich noted that this combined process was utilized several times last year. Once the 2023 system models are completed, this will be the process used to provide stakeholders access to this data.

Regional Updates

SERTP Update

- Update was covered under TAG presentation review and discussion.

PWG Items

SERC LTWG Update

- Update was covered under TAG presentation review and discussion.

EIPC Activities Update

- No update.

NERC Activities Update

- Update was covered under TAG presentation review and discussion.

PWG Minutes

- There were no comments or questions on the last set of PWG minutes.

Other Items

Project Updates

- No update.

Future OSC Meeting Schedule

- The OSC reviewed and approved the following meeting schedules.

Date	Time	Location
October 19, 2023	OSC 10:00 am -12:00 pm	OSC Meetings Webex
November 17, 2023	OSC 10:00 am - 12:00 pm	OSC Meeting Webex
December 14, 2023	OSC 10:00 am - 12:00 pm TAG 1:30 pm - 3:00 pm	OSC and TAG Meetings Webex