

**Carolinas Transmission Planning Collaborative
Oversight / Steering Committee (OSC)
Meeting Highlights
September 18, 2025
Duke Energy's Fairfax Ops Center
Greensboro, NC
10:00 AM - 11:50 PM ET**

Joe Mason, Chair	NCEC
John Lemire	NCEC
Trenton Ricklefs	NCEC
Avni Patel	Duke Energy Carolinas
Bob Pierce (On Phone)	Duke Energy Carolinas
Orvane Piper	Duke Energy Carolinas
Matt Knudson	Duke Energy Carolinas
Sammy Roberts	Duke Energy Progress
Bill Quaintance	Duke Energy Progress
Brant Werts	Duke Energy Progress
Sid DeSouza	Duke Energy Progress
Chris Ware	CEPCI
Rich Wodyka	Consultant Administrator

OSC Agenda

- Joe Mason opened the OSC Meeting with a safety message and highlighted the meeting agenda. Orvane Piper reviewed the logistics for exiting the Duke Facilities in the event of an emergency.

OSC Meeting Minutes and Highlights

- The August 21, 2025 OSC Meeting Minutes and Highlights were reviewed and approved.

TAG 3rd Quarter Meeting

- Rich Wodyka reviewed the TAG agenda for the 3rd Quarter TAG meeting starting at 1:30 pm. The TAG meeting agenda includes an update on the 2025 CTPC Study Activities and Needs Report from the Base Reliability Analysis, an update on the Multi Value Strategic Transmission (MVST) Planning Process Activities and Schedule, a RZEP Project Status update, a report on various Regional Studies activities, and a TAG update on activities and upcoming schedule.

- Rich also reported on the number of TAG members that have registered to participate in the meeting.

2025 Study Activities Update Presentation

- Matt Knudson led the OSC review and discussion of the 2025 CTPC Study Activities update presentation. Matt highlighted the basic elements of the 2025 study and previewed the key items of the 2025 Base Reliability Study scope parameters.

2025 Base Reliability Analysis NEEDS Report Presentation

- Sid DeSouza led the OSC review and discussion of the DEP Needs results presentation from the 2025 Base Reliability analysis.
- Orvane Piper led the OSC review and discussion of the DEC Needs results presentation from the 2025 Base Reliability analysis. Orvane noted a correction on slide #30 from the results that were previously distributed to the TAG and posted on the CTPC website and will note that during his portion of the presentation.

Multi Value Strategic Transmission (MVST) Presentation

- Brant Werts led the OSC review and discussion on the review of the MVST presentation. He reviewed some of recent TAG feedback that was received since the last TAG meeting on the MVST Solutions results. Brant highlighted the following items: New Lines and High-Voltage Transmission, Nodal Production Cost Modeling, One Utility, and RZEP 2.0. Brant noted that we will need to provide a more complete response to all these items. After discussion, the OSC agreed that Brant would prepare a more details response for the OSC review in response to all the TAG feedback we received.
- Brant then highlighted some MVST cost updates and provided an update on some benefits including Nodal Model (Congestion and Fuel Savings; Energy Savings from Reduced Losses) and Avoided Customer Outages. He concluded with the proposed timeline for the upcoming MVST activities and meetings.

RZEP Project Status Presentation

- Sammy Roberts led the OSC review and discussion on the review of the RZEP projects presentation. Sammy highlighted the 5 RZEP 1.0 projects that are completed and in-service. He reported on the remaining RZEP 1.0 projects that will be completed and in service by the end of 2026 with the exception of the Robinson-Rockingham 115 project that will be completed by mid-2027.

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 on the following SERC LTWG activities:

- LTWG has completed the SERC 2029 LTWG Summer study and it is now publicly available with FERC 715 submittal
- LTWG modeling data has been submitted to MMWG. MMWG databank struggling with interchange coordination that was also a problem during LTWG databank

SERTP Update

Bob reported that the SERTP 3rd Quarter Meeting is being held on September 23rd. He noted that the SERTP continues work toward FERC Order 1920 compliance. He reported that the SERTP 2024 Economic Planning Studies report is out and covers the following:

- SPP to TVA – 800 MW, 2030/31W* (Targeted load areas)
- FRCC to SOCO – 1500 MW, 2030SH* (Targeted load areas)
- MISO South to CPLE (40%)/DUK (60%) – 1000 MW, 2030/31W
- MISO South to CPLE (40%)/DUK (60%) – 2000 MW, 2030/31W
- MISO South to CPLE (40%)/DUK (60%) – 2000 MW, 2030S

* Generation to Load transfers, others are Generation to Generation

NERC Activities Update

Bob reported on the NERC Industry Issues being discussed. They included the following items:

- EIPC has released its Interregional Transmission Transfer Capability Study Report (www.eipconline.com)
- NERC investigation of the causes of the Spain / Portugal Blackout event continues
- FERC Order 901 efforts to modify standards associated with reliable life cycle of IBR's continues
- NERC Large Load Task Force - development of Large Loads Action Plan

TAG Activities Schedule Update Presentation

- Rich Wodyka led the OSC review and discussion of the presentation on the upcoming TAG activities schedule. He highlighted the activities associated with the upcoming TAG meeting. He then previewed the rest of the 2025 TAG activities and noted that the specific dates for the next set of TAG meetings are yet to be determined.

TAG Meeting Presentations Distribution and Posting

- After the review of the set of TAG presentations, the OSC approved the final set of presentations. Rich will proceed to distribute the final set of the presentations to those who have registered for the meeting and also post them on the CTPC website under the meeting materials for the 3rd Quarter TAG meeting.

2025 Mid-Year Report Update

- Sid DeSouza led the OSC review and discussion on the response that Duke had provided in response to the NCEC comments and questions on the 2025 Mid-Year update report on the 2024 CTPC Transmission Plan. Joe Mason noted that NCEC has reviewed the Duke response and was satisfied that the NCEC comments and questions they submitted were addressed.

2025 Base Reliability and Local Economic Studies Update

- The 2025 Base Reliability update was covered under the OSC review of the TAG meeting presentation.
- Sid DeSouza provided an update on the Local Economic Study. Sid reported that Duke expects to complete the Local Economic study analysis shortly and be able to distribute the results to the PWG for their review their October 2nd PWG meeting. He would then expect the OSC would be able to approve the study results in time to meet the deadline to distribute and post the study results at least 14 days prior to the tentatively scheduled October 23rd TAG meeting.

2024 MVST Study Update

- The 2024 MVST Study update was covered under the OSC review of the TAG meeting presentation. Brant Werts did confirm that he will be preparing a more detailed response to the TAG comments and questions on the MVST Solutions results that were received. He will provide this response to the OSC for their review and approval prior to sending the response back to the TAG members that submitted the comments and questions.

RZEP Project Status Update

- The RZEP Project Status update was covered under the OSC review of the TAG meeting presentation.

CTPC Website Update

- Sammy Roberts reported that the private NCTPC files have now been moved on to the new CTPC website and are available for OSC review. Rich Wodyka provided a brief update on a couple of the issues he is still having with the CarolinanTPC.org website.

OSC Scope / PWG Scope Updates

- Joe Mason reported that NCEC continues their review of the OSC Scope document changes that were proposed. The OSC agreed to defer the final resolution of the proposed changes to the next OSC meeting.
- The OSC agreed to defer approval of the PWG Scope document until the OSC Scope document was ready for final review and approval.

Project Updates

- No update.

Open Discussion

- No discussion.

Upcoming CTPC OSC and TAG Activities

- Joe Mason led the OSC review and discussion on the list of upcoming OSC and TAG activities and dates. The proposed activities discussed were:
 - 09/09/25 – 2025 Local Economic Needs Approval (must be posted at least 14 days before Needs Meeting)
 - XX/XX/25 – 2024 MVST Solutions Approval (must be posted at least 14 days before Solutions Meeting)
 - XX/XX/25 – 2025 Base Reliability Solutions Approval (must be posted at least 14 days before Solutions Meeting)
 - XX/XX/25 – 2025 Local Economic Solutions Approval (must be posted at least 14 days before Needs Meeting)

- XX/XX/XX – Revise OSC and PWG Scope documents (NCEMC to review)

- These activities and dates will be updated as the various 2025 Study Activities and MVST Activities proceed over the next several weeks.

2025 OSC and TAG Meeting Schedule

- The OSC reviewed the upcoming meeting dates and times. The date and time for the October 23rd Local Economic Study Needs TAG Meeting needs to be confirmed. The November MVST Benefits Analysis TAG meeting and the 4th Quarter TAG meeting still need to be scheduled.

October 23, 2025	OSC - 10:00 am - 12:00 pm	OSC Meeting Webex
October 23, 2025	TAG - 1:00 - 3:00 PM Local Economic Study Needs TENTATIVE	TAG Meeting Webex
November 20, 2025	OSC - 10:00 am - 12:00 pm	OSC Meeting Webex
November 2025	TAG Meeting MVST Benefits Analysis	TAG Meeting Webex
December 16, 2025	OSC - 01:00 pm - 3:00 pm	OSC Meeting Webex
December TBD	TAG 4th Quarter Meeting	TAG Meeting Webex