

**Carolinas Transmission Planning Collaborative  
Oversight / Steering Committee (OSC)  
Meeting Highlights  
September 18, 2024  
Webex / Teleconference Meeting  
10:00 AM - 11:40 PM ET**

<b>Avni Patel, Chair</b>	<b>Duke Energy Carolinas</b>
<b>Bob Pierce</b>	<b>Duke Energy Carolinas</b>
<b>Orvane Piper</b>	<b>Duke Energy Carolinas</b>
<b>Matthew Knudson</b>	<b>Duke Energy Carolinas</b>
<b>Bill Quaintance</b>	<b>Duke Energy Progress</b>
<b>Brant Werts</b>	<b>Duke Energy Progress</b>
<b>Sid DeSouza</b>	<b>Duke Energy Progress</b>
<b>John Lemire</b>	<b>NCEMC</b>
<b>Chris Walton</b>	<b>NCEMC</b>
<b>Joe Mason</b>	<b>NCEMC</b>
<b>Marty Berland</b>	<b>ElectriCities</b>
<b>Mark Oliver</b>	<b>ElectriCities</b>
<b>Rich Wodyka</b>	<b>Consultant Administrator</b>

**OSC Agenda**

- Avni Patel opened the OSC Meeting with a safety message and highlighted the meeting agenda.

**OSC Meeting Minutes and Highlights**

- The August 22, 2024 OSC Meeting Minutes and Highlights were reviewed and approved.

**Multi Value Strategic Transmission (MVST) Planning Process - Response to CCEBA Comments**

- Brant Werts led the OSC review and discussion of the proposed response to the CCEBA comments that were submitted on the MVST process and study scope activities. After review and discussion, the OSC instructed Brant to update the proposed response based on the OSC discussion. Once updated, Brant will send out the updated response for final OSC review and approval.
- During this OSC review, Rich Wodyka was able to get CCEBA approval to share their comments and the OSC response with the TAG stakeholders once the response

is approved to be distributed. Once the final response is approved by the OSC, Rich will post the comments and response as well as distribute them to the TAG stakeholders.

### **TAG Meeting**

- Rich Wodyka reviewed the TAG agenda for the afternoon meeting starting at 1:30 pm. The agenda of the TAG meeting includes a report on the 2024 Reliability Study activities including the Needs Report, a report on the Multi Value Strategic Transmission (MVST) Planning Process activities and schedule, an update on the Duke RZEP 2.0 project activities, an update on Regional Study Activities, and a TAG update on activities and upcoming schedule.
- Rich also identified the number of TAG stakeholders that have registered to participate in the afternoon meeting.

### **2024 CTPC Base Reliability Study Activities / Needs Report**

- Sid DeSouza led the OSC review and discussion of the 2024 CTPC Reliability Study Activities and the Study Scope presentation. Sid highlighted the basic elements of the 2024 study and previewed the key elements of the 2024 base reliability analysis study scope parameters. Sid then reported on the Economic Study request and the four Public Policy Study requests that were submitted by the TAG stakeholders for the 2024 study period. He indicated that the Local Economic Study request, a 1500 MW transfer from MISO to DEC, would be incorporated into the 2024 hypothetical transfer study analysis. He then highlighted the full set of proposed 2024 hypothetical transfer studies. He noted that OSC has determined that the four proposed Public Policy studies submitted have been incorporated in the approved Multi-Value Strategic Transmission (MVST) study process. The OSC has been working with the TAG stakeholders that submitted these studies to develop the MVST study scope.
- Sid presented the DEP Needs report from the Base Reliability Study and the Local Economic Study reviewing the DEP needs analysis results. He identified the key elements of the needs analysis that will be used to develop the solutions to the limits identified.
- Orvane Piper presented the DEC Needs report from the Base Reliability Study and the Local Economic Study reviewing the DEC needs analysis results. He identified the key elements of the needs analysis that will be used to develop the solutions to the limits identified.

- After the DEP and DEC Needs report review, one question discussed was the different format of the needs study results presented. After discussion it was agreed that this question of the different results format will be identified at the TAG meeting to see if any of the TAG stakeholders have any concern.

### **Multi Value Strategic Transmission (MVST) Planning Process**

- Brant Werts led the OSC review and discussion on status of the MVST Planning Process activities presentation. He highlighted the three MVST Study Scenarios and reviewed the adjustments that have been made from the previous TAG presentation information that was reviewed at the August 12th Assumptions meeting.
- Brant then highlighted the Benefits Assessment information noting the addition that was made. He reported that we have received additional feedback on the MVST Process and Study which we are developing responses on. We will post and distribute this information to the TAG when the final responses are developed and approved by the OSC. He concluded with a review of the upcoming MVST timeline of activities.

### **RZEP 2.0 Project Status**

- Bob Pierce led the OSC review and discussion on Duke Energy's Assessment of Red-Zone Transmission Expansion Plan Projects (RZEP 2.0) report presentation. He noted that the RZEP Projects are supported by:
  - 2022 Carbon Plan Supplemental Studies
  - 2022 DISIS (Definitive Interconnection System Impact Study)
  - 2023 DISIS and RSC (Resource Solicitation Cluster)
  - 2023 NCTPC Public Policy Study
  - Cost-Benefit Analysis
- He highlighted the RZEP 2.0 projects including the updates to the estimated project costs and potential in-service dates.

### **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 is working on 2024 series of MMWG cases.

- He reported that the SERC LTWG Winter report is being generated.

### **SERTP Update**

- Bob reported that the SERTP 3rd Quarter Meeting will be held on September 24th.
- He reported that SERTP is working on the 2024 Economic Planning Studies that includes the following:
  - ➔ MISO South/FRCC to SOCO – 4000 MW, 2029S
  - ➔ PJM to DEC/DEP – 2000 MW, 2026S
  - ➔ MISO North to SOCO – 10000 MW, 2034S
  - ➔ SPP/MISO North (1000 MW/MISON 1500 MW to AECI – 2500 MW, 2029S
  - ➔ DEC/SOCO to SCPSA – 2400 MW, 2034W
- He also reported that the SERTP continues to work on FERC Order 1920 to understand all the requirements of the order and to develop plans to meet compliance.

### **NERC Activities Update**

- Bob reported on the ongoing Interregional Transfer Capability Study. NERC released a Part 1 report and they continue to work towards completion of a final report to FERC by Thanksgiving. A number of industry groups are vetting the report's results.
- He reported on the Planning for Extreme Weather SDT which is due to FERC on 12/15/24 and it has been challenging to get industry agreement on the standard.
- Bob reported on FERC Order FERC Order 901 in which the Commission cited multiple NERC and Regional Entity resources on inverter-based resource issues, including reliability guidelines, white papers, reliability assessments, technical reports, event reports, NERC alerts, and other resources, as underscoring the need for mandatory Reliability Standards to address reliability concerns related to IBRs at “all stages of interconnection, planning, and operations.” He noted the Reliability Gaps Related to IBR's which include:
  - ➔ data sharing requirements
  - ➔ data and model validation requirements
  - ➔ planning and operational studies requirements
  - ➔ performance requirements

- NERC Response for IBR's > 20 MVA @ > 60 kV includes the following:
  - ➔ Development and Filing of Reliability Standards to Address Performance Requirements and Post-Event Performance Validation for Registered IBRs (completion: November 4, 2024)
  - ➔ Development and Filing of Reliability Standards to Address Data Sharing and Model Validation for all IBRs (completion: November 4, 2025)
  - ➔ Development and Filing of Reliability Standards to Address Planning and Operational Studies Requirements for all IBRs (completion: November 4, 2026)
- Bob reported on the DOE National Transmission Planning Study. He noted that the associated Transmission Needs Study report was released on October 30, 2023. Bob also reported on the DOE National Interest Electric Transmission Corridor (NIETC) Designation Process which expects to publish a smaller list of corridors to be put out by end of year, with an environmental review of corridors in early 2025, and final NIETC decisions in late 2025.

### **TAG Activities Schedule Update**

- Rich Wodyka led the OSC review and discussion of the presentation on the upcoming TAG activities schedule. He noted the specific dates for the upcoming Reliability Solutions Meeting on November 7th (2-3pm) and the TAG 4th Quarter Meeting on December 18th. He then previewed the 2025 TAG activities indicating that the specific meeting dates are yet to be determined.

### **TAG Meeting Presentations**

- After the review and discussion of the set of TAG presentations, the OSC instructed Rich Wodyka to update the presentations as discussed. Rich will then send out the final set of presentations prior to the TAG meeting to those who have registered for the meeting and also post them on the CTPC and NCTPC websites under the meeting materials for the September 18th TAG meeting after the meeting.

### **Attachment N-1 Update**

- The OSC review and discussion on the proposed changes to the OSC Scope document and the revised Carolinas Transmission Planning Collaborative Participation Agreement was delayed until the next OSC meeting. Avni Patel will contact Sammy Roberts and indicate that he should contact NCEMC and

ElectriCities to review their comments and questions on these documents prior to the October OSC meeting.

### **CTPC Website Update**

- Brant Werts and Rich Wodyka reported on the progress being made on the [Carolinastpc.org](http://Carolinastpc.org) website. They reported that while progress is being made on the website, there is still work to be done.
- One of the key items is to enable the TAG stakeholders to register on the website and have them register directly for future TAG meetings on the site as well. Brant indicated that this TAG registration feature capability is working on the development website but that the the documentation needed to provide to the TAG stakeholders on how to register on the website is still being developed.

### **Other Items**

#### **Project Updates**

- No update.

### **2024 OSC and TAG Meeting Schedule**

- The OSC reviewed the upcoming meeting dates and times for the November and December OSC and TAG meeting dates and times. After discussion, the OSC confirmed the following OSC and TAG meeting dates and times.

October 17, 2024	OSC 10:00 am - 12:00 pm	OSC Meeting Webex
November 7, 2024	TAG Reliability Solutions 2:00 pm - 3:00 pm	TAG Meeting Webex
November 21, 2024	OSC 10:00 am - 12:00 pm	OSC Meeting Webex
December 18, 2024	OSC 10:00 am - 12:00 pm	OSC Meeting Webex