

**Carolinas Transmission Planning Collaborative  
Oversight / Steering Committee (OSC)  
Meeting Highlights  
June 19, 2024  
Webex / Teleconference Meeting  
10:00 AM - 1155 PM ET**

**Bill Quaintance, Chair**  
**Bob Pierce**  
**Orvane Piper**  
**Matthew Knudson**  
**Sammy Roberts**  
**Brant Werts**  
**Sid DeSouza**  
**John Lemire**  
**Chris Walton**  
**Marty Berland**  
**Kevin Josupait**  
**Rich Wodyka**

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

**OSC Agenda**

- Bill Quaintance chaired the OSC meeting in the absence of Avni Patel. He opened the OSC Meeting with a safety message and revised the meeting agenda.

**OSC Meeting Minutes and Highlights**

- The May 23, 2024 OSC Meeting Minutes and Highlights were reviewed and approved.

**TAG Meeting**

- Rich Wodyka reviewed the TAG agenda for the scheduled meeting on June 25th starting at 1:30 pm. The agenda of the TAG meeting includes a final review of the Public Policy Study results, a report on the 2024 Reliability Study Activities, the 2024 Mid-Year Report on the 2023 Transmission Plan, a report on the Multi Value Strategic Transmission (MVST) Planning Process, an update on the Duke RZEP 2.0 project activities, and an update on Regional Study Activities.

- Rich also identified the number of TAG stakeholders that have registered to participate in the meeting. The deadline to register for this meeting is the end of the day on Friday, June 21st.

### **2023 Public Policy Study Results**

- Orvane Piper led the OSC review and discussion of the 2023 Final Public Policy Study Results presentation. He reviewed the Public Policy study assumptions and scope of work. He highlighted the Public Policy study results and the key observations of the results. The report is now final and posted on the NCTPC website.

### **2024 CTPC Study Activities and Study Scope**

- Sid DeSouza led the OSC review and discussion of the 2024 CTPC 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 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 the set of proposed 2024 hypothetical transfer studies.
- Sid reviewed the elements of the of the four proposed Public Policy Study requests. He noted that OSC has determined that the four proposed studies submitted will be incorporated in the newly approved Multi-Value Strategic Transmission (MVST) study process. The OSC will work with the TAG stakeholders that submitted these studies to develop the MVST studies.
- Sid concluded with a review of the annual study process activities associated with each of the eight steps in the study process, and highlighted the 2024 study assumptions including the study years for this years analysis.

### **2024 Mid-Year Update to the 2023 Transmission Plan**

- Sid DeSouza led the OSC review and discussion of the 2023 Mid-Year Update Report presentation. He presented the summary for Reliability Projects and highlighted the specific changes in the Reliability Projects in the charts included in the presentation.
  - 15 project cost estimates went up, and 12 went down, by at least \$1M

- 8 projects were accelerated, 16 were delayed, and 3 Projects changed status from Underway to Conceptual
- Total Reliability Project Cost estimate increased from \$1.937B to \$2.076B
- Sid then presented the summary for Public Policy Projects and highlighted the specific changes in the Public Policy Projects in the charts included in the presentation.
  - 4 project cost estimates went up, and 5 went down, by at least \$1M
  - 1 project was accelerated, and 1 was delayed
  - Total Public Policy Project Cost estimate increased from \$503M to \$505M
- Sid concluded with the total cost change summary which indicates that costs increased from \$2.440 B to \$2.581 B.

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

- Sammy Roberts led the OSC review and discussion of status of the MVST Planning Process activities presentation. As part of this presentation, he provided an update on the [Carolinastpc.org](http://Carolinastpc.org) website. He reported that while progress has been made on the website, it is still under development.
- Sammy reviewed the timeline of the MVST Planning Study Process and highlighted the following dates:
  - TAG stakeholders are to submit MVST Study Scenario Proposals by June 28th using the MVST Scenario Form in the support documents.
  - OSC to review and approve 3 Study Scenarios and post the Study Criteria, Assumptions, and Methodology on the website for TAG review on July 18th - 19th timeframe.
  - The Assumptions meeting to discuss the MVST scenarios will be held on August 12th.
  - The Needs meeting to review and discuss the MVST identified needs will be held in the December 2024 timeframe.
  - The Solutions meeting to review and discuss the MVST to proposed solutions to the needs previously identified will be held in the April 2025 timeframe.

- Sammy highlighted the implementation of the changes including the changes to the TAG stakeholder meetings. He reviewed the the specific planning process study changes related to the Multi-Value Strategic Transmission study process.
- Sammy concluded by reviewing the MVST Scenario form. He highlight the specific information that needs to be provided and submitted to the Administrator by the June 28th deadline.

### **RZEP 2.0 Project Status**

- Sammy Roberts led the OSC review and discussion on the Duke RZEP 2.0 project update report presentation. He noted that the RZEP Projects are supported by:
  - 2022 CP Supplemental Studies
  - 2022 DISIS
  - 2023 DISIS and RSC
  - 2023 NCTPC Public Policy Study
- 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 has completed the 2024 series of LTWG cases.
- He reported that SERC LTWG are working on 2024 series of MMWG cases.
- He also reported that SERC has agreed to perform a 2029 Winter LTWG study.

### **SERTP Update**

- Bob reported that the SERTP 2nd Quarter Meeting will be held in Louisville on June 27th.
- He reported that SERTP is working on the 2024 Economic Panning 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

### **NERC Activities Update**

- Bob reported on the ongoing Interregional Transfer Capability Study. This study is evaluating transfer capability to determine prudent transfer capability additions. NERC expects to provide a final report to FERC in December.
- 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 on how corridors will be determined.. The NIETC Designations are expected to be published in late 2024.
- Bob then reported on the NIETC Designations Process and how it connects to the FERC Order 1977 that gives FERC has the authority to issue permits to construct or modify electric transmission facilities in a NIETC if a state has denied a siting application with similar requirements FERC uses for interstate natural gas projects.
- Bob reported on FERC Order 1920 which relates to the changes required to the Local Transmission Planning Process. He highlighted that this Order requires transmission providers to establish an iterative process to allow stakeholders to participate in local transmission planning during the regional transmission process. The regional transmission planning process must include at least three publicly noticed stakeholder meetings per regional transmission planning cycle to address local transmission planning. These meetings include the following:
  1. Before the submission of local transmission planning information to the transmission planning region, an Assumptions Meeting to review the criteria, assumptions, and models related to each transmission provider’s local transmission planning.
  2. Following the Assumptions Meeting, but no fewer than 25 calendar days afterward, transmission providers must hold a Needs Meeting to review identified reliability criteria violations and other transmission needs driving the local transmission facilities need.
  3. Transmission providers must hold a Solutions Meeting no fewer than 25 calendar days after the Needs Meeting to review potential solutions to the reliability criteria violations and other transmission needs.

## **TAG Meeting Presentations**

- After the review and discussion of the TAG presentations, the OSC agreed to have Rich distribute the updated presentations as discussed and allow the the OSC a final review after the meeting. The OSC will either provide additional changes or approve the set of presentations as final. Once approved by the OSC, Rich will distribute to the TAG to those who have registered for the TAG meeting prior to the meeting on June 25th. Rich will also post the presentations after the TAG meeting on the NCTPC website under the meeting materials for the June 25th TAG meeting.

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

- Most of this item was covered under the MVST Planning Process presentation review.
- Brant Werts added that he is working on updating the CTPC Work Plan activities spreadsheet that covers the requirements and timing of various events associated with the Reliability Study, Economic Study, MVST Study and the Mid-Year Update activities. Brant indicated that his goal is to have the updated CTPC Work Plan available for review at the July 18th OSC meeting.

## **CTPC Model and Data Requests**

- Rich Wodyka reported on the model data request recently received from Southern Renewable Energy Association under the updated CTPC Model and Data Request process. He noted that their is a minor issue that created some confusion with this request. The new form is unclear that the requestor needs to contact both DEC and DEP to request CTPC models and data. Sammy Roberts agreed to suggest a correction to the form.

## **2024 Base Reliability / Local Economic Transfer Study Activities**

- This item was covered under the 2024 Base Reliability / Local Economic Transfer Study Activities presentation review.

## **2023 Public Policy Study Report Final Draft**

- Rich Wodyka reported that the updated Final Draft of the 2023 Public Policy Study Report was distributed to the TAG on June 13th and was posted on the NCTPC website. The deadline for the TAG to provide comments or questions on the updated Study Report was June 18th. Rich reported that he did not receive any additional comments or questions on the updated Study Report. As a result of the report, the OSC reviewed and approved the 2023 Public Policy Study Report as final.

- Rich suggested and the OSC agreed that Orvane would report that the updated 2023 Public Policy Study Report is now a final report to the TAG at the June 25th TAG meeting. Rich will also post the updated report as final on the NCTPC website.

### **2024 CTPC Base Reliability and Local Economic Transfer Study Activities**

- A report on the 2024 CTPC Base Reliability and Local Economic Transfer Study Activities is included in the June 25th TAG meeting agenda.

### **Regional Updates**

#### **SERTP Update**

- This item was covered under the Regional Studies Report presentation review.

### **PWG Items**

#### **SERC LTWG Update**

- This item was covered under the Regional Studies Report presentation review.

#### **EIPC Activities Update**

- No report on this item.

#### **NERC Activities Update**

- This item was covered under the Regional Studies Report presentation review.

#### **PWG Minutes**

- No report.

### **Other Items**

#### **Project Updates**

- No update.

### **2024 OSC Meeting Schedule**

- The following meeting schedules were reviewed and confirmed by the OSC.

Date	Time	Location
June 25, 2024	TAG 01:30 pm - 03:00 pm	TAG Meeting Webex
July 18, 2024	OSC 10:00 am - 12:00 pm	OSC Meeting Webex
August 12, 2024	Assumptions Meeting 03:30 pm - 04:30 pm	TAG Meeting Webex
August 22, 2024	OSC 10:00 am - 12:00 pm	OSC Meeting Webex
September 18, 2024	OSC 10:00 am - 12:00 pm TAG 01:30 pm - 03:00 pm	OSC Meeting Webex TAG Meeting Webex