

**North Carolina Transmission Planning Collaborative  
Oversight / Steering Committee (OSC)  
Meeting Highlights  
June 19, 2023  
Webex / Teleconference Meeting  
10:00 AM - 12:05 PM ET**

<b>Marty Berland, Chairman</b>	<b>ElectriCities</b>
<b>Bill Quaintance</b>	<b>Duke Energy Progress</b>
<b>Sammy Roberts</b>	<b>Duke Energy Progress</b>
<b>Sid DeSouza</b>	<b>Duke Energy Progress</b>
<b>John Lemire</b>	<b>NCEMC</b>
<b>Scott Brame</b>	<b>NCEMC</b>
<b>Chris Walton</b>	<b>NCEMC</b>
<b>Edgar Bell</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>Rich Wodyka</b>	<b>Consultant Administrator</b>

**OSC Meeting Minutes and Highlights**

- The May 22, 2023 OSC Meeting Minutes and Highlights were reviewed and approved with one minor edit.

**TAG Meeting**

- Rich Wodyka reviewed the agenda for the TAG meeting scheduled for June 21st 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 Study Scope of Work, review of the NCTPC 2022 Collaborative Transmission Plan Mid-year Update, 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 and Study Scope Update Presentation**

- Orvane Piper led the OSC review and discussion of the 2023 Study Activities and Study Scope presentation. He reviewed the annual reliability study, and the proposed Local Economic and Public Study requests that were received. He detailed the reliability study parameters and assumptions. He highlighted the two Public Policy Study Requests that have been submitted. He identified the parameters and related study assumptions of the two Public Policy Study requests.
- Orvane then focused on the NCTPC study process and reviewed the various activities associated with each of the eight steps in the study process.

## **NCTPC 2022 Collaborative Transmission Plan Mid-year Update Presentation**

- Bill Quaintance led the OSC review and discussion of the 2022 Mid-Year Update Report. He presented the summary for Reliability Projects and highlighted the specific changes in the Reliability Projects in the charts included in the presentation.
  - 5 project cost estimates went up, and 12 went down, by at least \$1M
  - 3 projects were accelerated, and 7 were delayed
  - Total Reliability Project Cost estimate dropped from \$936M to \$897M
- Bill 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.
  - 9 project cost estimates went up, and 5 went down
  - 3 projects were accelerated (none were delayed)
  - 1 project was added
  - Total Public Policy Project Cost estimates increased from \$554M to \$576M
- Bill discussed the Duke Energy proposal to add one new Red Zone Transmission Expansion Plan project - the Camden–Camden Dupont 115 kV line upgrade - to be added to the Collaborative Plan at Mid-year update. The justification for this project is based on the need to reduce transmission system constraints impacting Duke Energy’s ability to connect renewable generation, ensure system reliability, and achieve public policy. This project has been identified as constraints in prior generation interconnection studies. The OSC agreed to include this project in the

presentation but will wait until comments are received from the TAG before final approval to include this project in the Mid-year update report.

### **Duke Energy Red-Zone Transmission Expansion Plan Projects (RZEP 2.0) Presentation**

- Sammy Roberts led the OSC review and discussion of Duke Energy’s proposal for adding Red-Zone Transmission Expansion Plan Projects (RZEP 2.0). Sammy reviewed the proposed 6 DEC RZEP 2.0 with an estimated cost of \$61.550M and the 7 DEP RZEP 2.0 with an estimated cost of \$136.695M. He highlighted the various elements of each project including the upgrades required, project lead time, and each projects rating improvement.
- Sammy then discussed the timing associated with including RZEP 2.0 projects in to the Duke Carbon Plan and the NCTPC Transmission Plan.

### **NCTPC Transmission Planning Process Attachment N-1 Report Presentation**

- Sammy Roberts led the OSC review and discussion of the current NCTPC process and how to proceed with modifying the current process to respond to the NCUC request to have better clarity, transparency and coordination in the future. He identified various elements of the NCTPC process changes that are being considered including adopting attributes from FERC NOPR on Regional Transmission Planning Processes to enable least cost planning for resources and load.
- He reviewed potential changes to the TAG stakeholder meetings and the Local Transmission Planning process.
  - Assumptions Meeting – NCTPC to review the criteria, assumptions, and methodology the PWG intends to use to identify needs and transmission solutions to include in the Local Transmission Plan
  - Needs Meeting – NCTPC will review the identified system needs and the drivers of those needs, based on the application of its criteria, assumptions, and methodology in the Study Scope Document.
  - Solutions Meeting - NCTPC will review potential solutions and any alternatives considered as studied and identified by the PWG.
- Sammy highlighted the four pathways with the Local Transmission Planning process which would include:
  1. Local Projects that are necessary to preserve reliability and comply with applicable reliability standards (“Local Reliability Projects”),

2. Local Projects that will increase transmission access to potential supply resources inside and outside the Control Areas of the Companies based on TAG participant requested economic studies (“Local Economic Projects”)
  3. Local Projects to satisfy Public Policy Requirements (“Public Policy Projects”); and/or
  4. Local Projects that will integrate new generation resources and/or loads and provide other benefits in a least cost manner (“Multi-value Strategic Transmission Projects”).
- Sammy reviewed a general timeframe for developing the process changes along with ultimately filing and implementing any NCTPC process changes. At the TAG meeting, Sammy will request the TAG to provide any comments or questions on the proposed Local Transmission Planning process changes to Rich Wodyka by July 7th. The general plan is to incorporate descriptions of revised Local Transmission Planning Process changes into the Carbon Plan Filing in the August timeframe, file changes to Attachment N-1 of the OATT with FERC in the October timeframe, and implement Local Transmission Planning Process changes accepted by FERC in 2024.

### **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 LTWG has completed their 2023 series of LTWG cases.
- He also reported that the SERTP has begun submitting their MMWG case data and started working on the determination of 2023 study scope.

### **SERTP Update**

- Bob reported that the SERTP 2nd Quarter Meeting is being held on June 29th in Chattanooga.
- He highlighted the five SERTP Economic Planning Studies that will be performed for 2023.
  - o MISO to TVA – 2900 MW, 2028W
  - o South GA to North GA – 1600 MW, 2028S

- TVA to North GA – 1600 MW, 2028S
- MISO to LGE/KU - 1242 MW, 2028S
- SOCO to DEC – 500 MW, 2033

### **NERC Activities Update**

- Bob reported on the recent NERC 2023 Summer Reliability Assessment warns that two-thirds of North America is at risk for energy shortfalls this summer during periods of extreme weather.
- Bob reported on the Interregional Transfer Capability Determination Study. The Electric Reliability Organization, in consultation with each regional entity and each transmitting utility that has facilities interconnected with a transmitting utility in a neighboring transmission planning region, shall conduct a study of total transfer capability between transmission planning regions that contains the following:
  1. Current total transfer capability, between each pair of neighboring transmission planning regions.
  2. A recommendation of prudent additions to total transfer capability between each pair of neighboring transmission planning regions that would demonstrably strengthen reliability within and among such neighboring transmission planning regions.
  3. Recommendations to meet and maintain total transfer capability together with such recommended prudent additions to total transfer capability between each pair of neighboring transmission planning regions.

Not later than 18 months after the date of enactment of this Act, the North American Electric Reliability Corporation shall deliver a study to Federal Energy Regulatory Commission.

### **2023 TAG Work Plan Presentation**

- Rich Wodyka reviewed and discussed the work plan presentation for the 2023 TAG activities. He highlighted the overall NCTPC schedule and the activities that were completed so far this year. He noted that he will request that the TAG will be invited to provide any comments or questions on any of the material presented at the TAG meeting by July 7th. The date for the 3rd quarter TAG meeting has not yet been set.

## **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 NCTPC website under the meeting materials for the June 21st TAG meeting after the meeting.

## **NCTPC Website Maintenance**

- The OSC discussed the NCTPC website maintenance issues. Sammy Roberts reported that he has been in discussion with Duke IT staff and one of the items suggested is to change the domain host. The proposed hosting site being suggested is HostGator. The OSC will continue to discuss this situation at next OSC meeting.

## **TEAMS Access**

- Some of the OSC members noted that they were having trouble getting access to the TEAMS site established under the DUKE Office 365 shared drive. After discussion, Sammy Roberts reported that he would reinitialize access to the TEAMS site. Those that were having problems getting on the TEAMS site will report back to Sammy if they continue to have issues getting on to the site.

## **Regional Updates**

### **SERTP Update**

- Report was covered in the TAG presentation.

### **PWG Items**

#### **SERC LTWG Update**

- Report was covered in the TAG presentation.

#### **EIPC Activities Update**

- No report.

#### **NERC Activities Update**

- Report was covered in the TAG presentation.

## **PWG Minutes**

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

## **Other Items**

### **Project Updates**

- No updates.

### **NCEMC OSC Representation**

- John Lemire reported that NCEMC has proposed to replace Scott Brame with Chris Walton on the OSC. This is a result of changing assignments within NCEMC. After review, the OSC approved the change in NCEMC OSC representation. The OSC thanked Scott for his participation on the OSC and welcomed Chris to the OSC.

### **OSC Officer Rotation**

- The OSC reviewed the following officer rotation that takes effect at the conclusion of today's OSC meeting - Edgar Bell of Duke Energy will become the new OSC Chairman, Chris Walton of NCEMC will become the Vice-Chairman, and Bill Quaintance will become the Treasurer. Bill will work with Scott Brame to get the NCTPC funds transferred to Duke Progress. After discussion, the OSC approved the officer rotation changes.
- The OSC thanked Marty Berland for his leadership in managing the OSC activities during the last two years.

### **Future OSC Meeting Schedule**

- The OSC reviewed and approved the following meeting schedules.

<b>Date</b>	<b>Time</b>	<b>Location</b>
July 21, 2023	OSC 10:00 am - 12:00 pm	OSC Meeting Webex
August 21, 2023	OSC 10:00 am - 12:00 pm	OSC Meeting Webex