

**North Carolina Transmission Planning Collaborative  
Oversight / Steering Committee (OSC)  
Meeting Highlights  
February 21, 2022  
Webex / Teleconference Meeting  
10:00 AM - 12:00 AM ET**

**Marty Berland, Chairman**  
**Mark Byrd**  
**Sid DeSouza**  
**Bob Beadle**  
**James Manning**  
**Edgar Bell**  
**Bob Pierce**  
**Orvane Piper**  
**Jennifer Stenger**  
**Sammy Roberts**  
**Rich Wodyka**

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

**Administrative**

**OSC Meeting Minutes and Highlights**

- The January 24, 2022 and February 14, 2022 OSC Meeting Minutes and Highlights were reviewed and approved.

**Discussion on House Bill 951 Activities**

- Mark Byrd and Sammy Roberts led the OSC discussion on the potential transmission system issues that Duke is evaluating in conjunction with meeting the future system requirements for enabling renewables being considered in the development of a Carbon Plan to meet the objectives of House Bill 951. One of the issues discussed was the difference between the current generation interconnection process, which is a reactive process, as compared to generation developers favoring a more proactive approach for building transmission and incentivizing them to build where transmission resources are available. The current cluster study process was reviewed and discussed along with the activities associated with the development of the Carbon Plan. Duke will keep the OSC apprised of the various activities associated with House Bill 951.

## **2021 Study Report Press Release**

- Rich Wodyka reported on the 2021 Study Report press release activities. He reported that he will work with the assigned company PR reps to get the approved press release distributed to their respective media contacts. The Duke PR rep has the lead in determining when the press release gets distributed. Rich will keep the OSC informed when the final press release gets distributed.

## **2021 Public Policy Study Status**

- Sid DeSouza reviewed the activities associated with the Public Policy Study. He reported that they are finalizing the study cases and expect to run the study analysis shortly. The goal remains to have the preliminary study results available to review and discussion at the OSC and TAG meetings at the end of March.
- The OSC discussed the relationship of the study to elements of the Carbon Plan currently under development. While these study results will include an evaluation on some of the likely elements of the ultimate Carbon Plan it does not directly evaluate everything that may ultimately be included in the plan. It will be important in presenting these study results to explain to the TAG stakeholders what these results represent and what they don't represent.

## **2022 Study Requests**

- The OSC reviewed and discussed the six 2022 study requests.

## **NCUC Study Request**

- The OSC reviewed the NCUC request to have the NCTPC collaborate with PJM to define the potential NC transmission system impacts that may occur if and when the the PJM offshore wind development proceeds and the PJM transmission system development associated with these resources occurs. As directed by the OSC Rich Wodyka contacted PJM to discuss the status of the their Phase 2 Off-Shore Wind Study. He reported that they plan to develop several off-shore wind scenarios in phase 2 but they have not been defined yet and it they are not sure that a scenario would include any Dominion connected off-shore wind scenarios. It was noted that they will not begin to develop any study scenarios until after the *companies* submit their integrated resources plans in the mid-May timeframe. He noted that PJM preferred to wait until an affected study study would be required rather than doing a joint NCTPC-PJM analysis at this time.

- The OSC discussed the timing of the PJM - Dominion off-shore wind and development of the associated transmission. It was noted that PJM will need to inform Duke about the potential impacts of these resources as part of the affected system study requirements for impacts on neighboring systems. Mark Byrd reported on the PJM retooling of the various PJM generation interconnection cluster studies. He noted that the retooling of the PJM cluster that includes the Dominion off-shore wind projects would not likely be completed until sometime in the fall.
- Before deciding on committing to doing what the NCUC has requested, the OSC decided have a discussion with the sponsors of the NCUC study request. The OSC instructed Rich Wodyka to contact the NCUC sponsors and get some available dates and times to have the discussion to explain what the OSC has learned about the PJM Phase 2 Off-Shore Wind Study activities and share this information on how it impacts the timing and analysis of the study that they have requested. Once the date and time are determined, OSC representatives will discuss with the study sponsors various elements associated with their study request.

#### **Clean Power Suppliers Association and Pine Gate Renewables Study Request**

- The OSC reviewed this study request that references the NC House Bill 951 that requires the NCUC to develop a plan to achieve a 70% reduction in carbon emissions by 2030. The sponsors, Clean Power Suppliers Association and Pine Gate Renewables, want the NCTPC to evaluate the infrastructure necessary to support the addition of at least 9 Gigawatts of solar resources being added to the NC grid. The OSC discussed this request and noted the lack of specificity on the location and timing of adding the 9 Gigawatts solar resources. They also noted the lack of specificity on what current generation resources would be replaced with these solar resources.
- The OSC noted that the current 2021 Public Policy study results which include a significant level of solar resources will be available in the next couple of months. They also noted that the upcoming Duke generation interconnection cluster study results are expected to be available at the end of March. These results which also include a significant amount of solar resources will also provide additional information regarding the location of future solar resources. The OSC discussed that the timing of this study request might fit better as part of a follow up study to the current Public Policy analysis. The OSC could consider an evaluation of this level of solar resources as part of a future study but additional information on the location of these future solar resources must be determined and what generation it replaces will also need to be determined.

- Before deciding on committing to doing what the study sponsors have requested, the OSC decided have a discussion with the study sponsors. The OSC instructed Rich Wodyka to contact the study sponsors and get some available dates and times to have the discussion to explain what current activities such as the 2021 Public Policy Study analysis, Duke generation interconnection cluster study results, and the Carbon Plan under development will add more clarity to the proposed study request. Once the date and time are determined, OSC representatives will discuss with the study sponsors various elements associated with their study request.

### **Central Electric Power Cooperative Incorporated (CEPCI) Requests**

- CEPCI submitted four hypothetical transfer study requests. These requests are similar to the series of transfer studies that the NCTPC has performed in the past but there are some differences. These proposed studies request a 2029 study timeframe which would be different than the 2032 timeframe that would normally be used this year. The proposed 750 MW and 500 MW amounts are different than the 1000 MW transfers that would normally be used for this analysis. The proposed sources for two of the requests are not clearly defined and the ultimate delivery system is different that what has been previously studied.
- The OSC agreed that additional information is need to accurately evaluate these requests. The OSC instructed Rich Wodyka to contact CEPCI and request that CEPCI provide the system diagrams that they noted in their requests. Once the additional information is received from CEPCI, the OSC will determine if these four study requests can be accommodated this year. The OSC will continue to evaluate these four study requests and discuss again at the next OSC meeting.

### **TAG Meeting Agenda**

- Rich Wodyka reviewed the proposed draft agenda for the March TAG meeting. The agenda for this TAG meeting would include a presentation of the 2021 Public Policy study results, a report and discussion on the 2022 study scope of work, a report on various regional study activities, and an update of the 2022 TAG work plan. After review, the OSC approved the proposed March TAG meeting agenda and instructed Rich to distribute the agenda to the TAG.

## Regional Updates

### SERTP Activities

- There was no SERTP update.

## PWG Items

### SERC LTWG Update

- There was no SERC LTWG update.

### EIPC Update

- There was no EIPC update.

### NERC Activities Update

- There was no NERC activities update.

## PWG Minutes

- There were no comments or questions on the last PWG meeting minutes distributed by James Manning.

## Other Items

- There were no other items discussed.

## Future OSC Meeting Schedule

- The OSC reviewed and approved the following meeting schedules.

Date	Time	Location
March 28, 2022	OSC 10:00 am - 12:00 pm TAG 1:30 pm - 3:30 pm	OSC and TAG Meetings Webex
April 18, 2022	10:00 am - 12:00 pm	OSC Meeting Webex