

**North Carolina Transmission Planning Collaborative
Oversight / Steering Committee (OSC)
Meeting Highlights
February 17, 2021
Webex / Teleconference Meeting
1:00 PM - 2:00 PM ET**

Mark Byrd, Chairman
Bill Quaintance
Lee Adams
Bob Beadle
James Manning
Marty Berland
Kevin Josupait
Bob Pierce
Orvane Piper
Rich Wodyka

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

Administrative

OSC Meeting Minutes and Highlights

- The January 19, 2021 OSC Meeting Minutes and Highlights were reviewed and approved.

2021 Press Release

- Rich Wodyka reported that the 2021 Press Release for the 2020 Study Report was distributed by the companies respective PR reps on February 10th. Rich posted the press release on the NCTPC website under the Reference Documents section.

2021 Study Scope

- Mark Byrd led the OSC discussion on the scope of work for 2021. Mark noted that the 2021 study analysis would include our standard reliability analysis for 2026 summer, 2026 - 2027 winter along with the 2031 winter.

- Mark also noted that this is the year when we traditionally perform the resource supply options hypothetical transfer scenarios. Rich Wodyka reported that he had received an inquiry from one of the TAG stakeholders on including a PJM - SCPSA and a DUK - SCPSA. Lee Adams reported on the PWG discussion on including these suggested transfer scenarios. He reported that the PWG discussed modifying the PJM - SCEG (1000 MW) hypothetical transfer to a PJM - DESC / SCPSA (500 MW / 500 MW) hypothetical transfer. He also noted that the PWG also discussed the DUK - SCPSA and generally agreed that this hypothetical transfer would be covered by the proposed modification to the PJM - SCEG transfer. After review and discussion, the OSC agreed that they would consider this hypothetical transfer modification depending on the determination whether or not to include the resource supply analysis with the other scope of work for 2021.
- Mark reviewed and led the OSC discussion of the proposed Public Policy request received from the NCUC staff. There are four components that the NCUC would like the NCTPC to evaluate:
 - 1) Transmission impacts with accelerated retirement of coal generation.
 - 2) Dominion Energy's recent state law and the increase of renewable generation,
 - 3) Recent increase of solar merchant power plants located in North Carolina within Dominion's service territory (PJM), and
 - 4) Wind generation.

Regarding the proposed analysis of the retirement of coal units in item #1, Mark noted the retirement of coal units in the future would be carefully planned to replace that amount of generation. Some of the previously determined coal retirements would be included in the 2031 base case and any reliability issues would be identified in that analysis.

Regarding the impact of Dominion Energy's potential increase in renewable generation in item #2, Mark noted the difficulty in realistically modeling the amount that the public staff proposal suggests since the current Dominion Energy MMWG models do not reflect anything close to what has been proposed to be analyzed.

Regarding the proposed increase of solar merchant plants being located in Dominion's NC service territory in item #3, Mark note that there could be an issue with the amount of solar that the public staff proposes to analyze. Also he noted that the current affected system study process is the normal process under the OATT that is used to evaluate the impacts of neighboring systems in these types of situations. Mark also noted that there are on-going affected

system studies currently being performed with Dominion Energy on this NC service territory.

Finally the additional wind generation analysis in item #4, Mark noted that the current 2020 off-shore wind study analysis should cover a portion of the public staff request. The other portion for analysis of mid-west on-shore wind could potentially be covered with a change to the resource hypothetical transfer of TVA - DUK from 1000 MW to 2500 MW.

Mark noted that the NCUC staff request suggests each of the four main components may be studied individually, but they request that these items, even if in part, be studied together. After discussion of all the components, the OSC agreed that it would likely be impractical to study all four components together.

After review and discussion of the proposed Public Policy request, the OSC agreed that OSC representatives would schedule a discussion with the public staff representative who submitted this request. The purpose of this discussion would be to clarify what the NCTPC can realistically be able to study in 2021. In the meantime, DEC and DEP along with the PWG will continue to evaluate what can be studied to accommodate as much as possible what has been proposed by the NCUC staff. The PWG will continue to review what analysis can be performed this year and the OSC will then discuss the 2021 Study Scope item again at the March OSC meeting.

2020 Wind Study Report

- Bill Quaintance provided an update on the study progress for the 2020 SE Wind Coalition (SEWC) public policy request for an analysis of off-shore wind development and the impact on the NC transmission system. He noted that the preliminary screening process has been completed and the selection of 3 primary study locations has been selected. Bill reported that he continues to analyze these 3 sites for the necessary transmission upgrades to reliably accommodate 2500 MW of off-shore wind at each location. He further reported that the analysis for 2 of the 3 sites is almost completed. After OSC review and discussion, the OSC agreed to update the SEWC on the study progress and results prior to the March TAG meeting.

March TAG Meeting

- Rich Wodyka reviewed the proposed agenda for the March 22nd TAG meeting. The primary purpose of this meeting will be to review and discuss the 2020 Wind Study results, the 2021 Study activities including the 2021 Scope of Work, updates on regional study activities, and review of the annual

TAG work plan. After review and discussion, the OSC approved the TAG meeting agenda and instructed Rich to distribute to the TAG stakeholders and post on the NCTPC website.

Regional Updates

SERTP Activities

- No report.

PWG Items

SERC LTWG Update

- No report.

EIPC Update

- No report.

NERC Activities Update

- No report.

PWG Minutes

- No review.

Other Items

- No report.

Future OSC Meeting Schedule

- The March OSC / TAG meetings are listed below.

Date	Time	
March 22, 2021	OSC 10:00 am - 11:30 am TAG 1:30 pm - 3:00 pm	OSC Meeting Webex TAG Meeting Webex