

DRAFT

**North Carolina Transmission Planning Collaborative
Oversight / Steering Committee (OSC)**

Meeting Minutes

June 20, 2019

Teleconference Meeting

10:00 PM - 11:20 AM ET

John Lemire, Chairman

Luis Fondacci

James Manning

Bob Pierce

Orvane Piper

Jennifer Stenger

Mark Byrd

Marty Berland

Rich Wodyka

NCEMC

NCEMC

NCEMC

Duke Energy Carolinas

Duke Energy Carolinas

Duke Energy

Duke Energy Progress

ElectriCities

Consultant Administrator

Administrative

OSC Meeting Minutes and Highlights

- The May 16, 2019 OSC Meeting Minutes and Highlights were reviewed and approved.

2018 Collaborative Transmission Plan Mid-year Report

- Mark Byrd led the OSC review and discussion of the mid-year report of the 2018 Collaborative Transmission Plan. Mark noted a couple of edits that were identified after the draft was sent out to the OSC. After review, the OSC approved the updated report and instructed Rich to distribute the report to the TAG after the meeting this afternoon.

TAG Meeting Presentations

- Rich Wodyka led the OSC review and discussion of the proposed TAG meeting agenda and draft presentations. Rich identified the stakeholders that have registered to participate in the afternoon TAG meeting.

2019 Study Activities Presentation

- Orvane Piper led the OSC discussion on the review of the 2019 studies activities presentation. No Local Economic Studies or Public Policy Studies were submitted this year by the TAG stakeholders but the participants have discussed and agreed that this years scope of work would include the inter-regional transfer analysis studies that we have typically performed every other year.
- The updated list of specific inter-regional transfer studies includes two new hypothetical transfer scenarios including: a DUK to SOCO to TVA (1000 MW) and a PJM to CPLE to SCEG (1000 MW). To balance the PWG workload for this year the OSC agreed to remove four hypothetical transfer scenarios including: the SCEG to DUK (1000 MW), SCPSA to DUK (1000 MW), SCEG to CPLE (1000 MW) and SCPSA to CPLE (1000 MW).
- In addition to the fourteen total hypothetical transfer scenarios to be evaluated, the 2019 scope of work will include two hypothetical resource supply generation studies. These two generation studies are:
 1. Model 10 MW solar + 20 MWh / 10 MW battery storage system in Davidson County connected to DPC's 100 kV Buck to Beckerdite line.
 2. Model 2,200 MW Combined Cycle 2x1 (H/J-class) in Davidson County connected to DPC's 230 kV Buck to Beckerdite line.
- Orvane discussed the study assumptions. He noted that the 2019 study analysis includes our standard reliability analysis for 2024 summer, 2024 - 2025 winter along with the 2029 summer. He also reviewed the major generation facility changes that are included in each of the study models which are currently being developed for this year's analysis.

NCTPC 2018 Collaborative Transmission Plan Update Presentation

- Mark Byrd led the OSC review and discussion of the presentation on the mid-year report of the 2018 Collaborative Transmission Plan. Mark highlighted and summarized the changes including the updated cost estimates to the 2018 Plan. He also noted the same edits that were identified in the earlier review of the mid-year report.

Regional Studies Reports Presentation

Bob Pierce reported on the following regional studies activities:

SERC LTWG Update

- Bob reported that the SERC has completed work on their 2019 series of LTWG study cases. They have initiated the SERC 2020 Summer Study and have begun building the 2019 series of MMWG cases. Finally, he noted that the process to integrate FRCC is continuing and expected to be completed sometime this summer.

SERTP Activities Update

- Bob reported that the SERTP group 1st Quarter Meeting was held on March 20th in Charlotte. The primary purpose of this meeting was to discuss and determine what economic planning studies will be performed in 2019. Bob highlighted the five planning studies that were selected. They include:
 1. Southern Company BAA to Santee Cooper Border - 500 MW in 2020
 2. Duke Energy Carolinas to Santee Cooper Border - 500 MW in 2020
 3. Southern Company BAA to Santee Cooper Border - 800 MW in 2020
 4. Duke Energy Carolinas to Santee Cooper Border - 500 MW in 2024
 5. Southern Company BAA to Santee Cooper Border - 1000 MW in 2024
- Bob noted that the SERTP group 2nd Quarter Meeting will be held on June 27th in Louisville, KY.

Duke Energy IBR Event

- Bob highlighted the recent Duke Energy inverter based resource event that occurred on April 4th. The event was initiated by a 230 kV 3 phase fault. He highlighted the distribution facilities involved and the impact on associated solar facilities. Bob noted that the investigation into this event is continuing. He will report back on any new findings on this event at future TAG when they become available.

TAG 2019 Work Plan Presentation

- Rich Wodyka reviewed and discussed the updated work plan for the 2019 TAG activities. He highlighted the TAG activities to date and reviewed the upcoming activities. The date for the 3rd quarter TAG meeting has not been set yet.

Regional Updates and PWG Items

- All the regional updates and PWG items were covered under the review and discussion of the TAG presentations.

Other Items

OSC Officer Rotation

- The OSC rotation of officers will occur at the conclusion of the OSC meeting. The new OSC officers are: Mark Byrd - Duke Energy Progress will be the Chair; Marty Berland - ElectriCities will be the Vice Chair; and Bob Pierce - Duke Energy Carolinas will be the Treasurer.

NCTPC Website

- Rich Wodyka and Mark Byrd led the OSC discussion on some recent issues associated with the NCTPC website server and storage issues. Mark Byrd will continue to follow up with the website server host and report back to the OSC at the July meeting.

Future OSC Meeting Schedule

- Mark Byrd in his new role as the OSC Chair will send out doodle polls to establish the OSC meeting dates for the remainder of 2019.

Date	Time	Location
TBD	TBD	TBD