North Carolina Transmission Planning Collaborative Oversight / Steering Committee (OSC) Meeting Highlights February 19, 2019 Teleconference Meeting 1:30 PM - 2:30 PM ET

John Lemire, ChairmanNCEMCLuis FondacciNCEMCJames ManningNCEMC

Bob Pierce Duke Energy Carolinas

Jennifer Stenger Duke Energy

Mark ByrdDuke Energy ProgressBill QuaintanceDuke Energy ProgressLee AdamsDuke Energy Progress

Kevin JosupaitElectriCitiesMarty BerlandElectriCities

Rich Wodyka Consultant Administrator

Administrative

OSC Meeting Minutes and Highlights

• The January 17, 2019 OSC Meeting Minutes and Highlights were reviewed and approved.

2019 Study Scope Discussion

- Rich Wodyka led the OSC discussion on the scope of work for 2019. He reported that he did not receive any study proposals from the TAG stakeholders by the February 5th deadline.
- The 2019 study analysis will include our standard reliability analysis for 2024 summer, 2024 2025 winter along with the 2029 summer. In addition to the standard reliability analysis, Rich noted that we would typically perform sixteen hypothetical transfer studies this year absent any other study suggestions. Since the PWG study scope discussion, both NCEMC and ElectriCities have submitted the following study suggestions:

ElectriCities Request

Proposed two additional 2029 hypothetical transfer scenarios to be evaluated (in addition to the 16 that we have been doing every other year):

- 1. DUK > TVA (1000 MW)
- 2. PJM > CPLE > SCEG (1000 MW)

NCEMC Request

Proposed two Resource Supply Options to be evaluated:

- 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 1,100 MW Combined Cycle 2x1 (H/J-class) in Davidson County connected to DPC's 230 kV Buck to Beckerdite (Tyro) line.
- The OSC discussed the additional study requests. One of the issues discussed was the overall PWG workload do do the original sixteen hypothetical transfer studies in addition to the four studies proposed by NCEMC and ElectriCities. One option discussed was to eliminate four of the original sixteen to maintain to same level of analysis. The four transfer proposed to be eliminated were: SCEG to DUK, SCPSC to DUK, SCEG to CPLE, and SCPSC to CPLE.
- After discussion, the OSC agreed that each company will discuss eliminating the four transfer studies and replace them with the four studies submitted by NCEMC and ElectriCities. The company responses are requested by Friday, February 22nd. Once the OSC responses are received, the 2019 study scope will be updated and reviewed by the PWG.
- Once the PWG updates and reviews the 2019 study scope document, it will
 be sent back to the OSC for review and approval at the March OSC meeting
 prior to distributing it to the TAG for their review and comment.

Regional Studies Reports

SERTP Activities Update

• Lee Adams reported that the SERTP is just getting started with model building for the 2019 economic planning studies. He noted that the parties are currently exchanging interchange data for the 2019 study models. Bob Pierce noted that the SERTP first quarter meeting will be held on March 20th in Charlotte, NC.

The primary purpose of this meeting will be review and select the five economic studies to be performed in the 2019 SERTP process.

PWG Items

PWG Minutes

• There were no comments or questions on the February 11th PWG meeting minutes distributed by Lee Adams.

SERC LTWG Update

• Lee Adams reported that the SERC LTWG is just getting started with model building for the 2019 studies. He noted that the parties are currently exchanging data for the 2019 study models.

CTCA Update

• Lee Adams reported that the CTCA is currently reviewing the study cases for this years analysis.

EIPC Update

• Mark Byrd reported that the Transmission Analysis Working Group continues to update the 10 year study models that will be used in EIPC transfer studies that will be performed this year. The 2019 studies will be performed at 5,000 MW transfers across the same interfaces as was analyzed in the 2016 EIPC transfer study.

NERC Activities Update

• Lee Adams reported that the MMWG is getting started with building the 2019 series of models. The first quarter meeting will be held March 20th and 21st in Tampa, FL.

Other Items

NCTPC Website

• Rich Wodyka reported that the NCTPC website was back in operation. Mark Byrd reported that the problem he uncovered was related to the GoDaddy server storage. Mark noted that he deleted some large files and Rich was

able to repost documents. Mark was not sure how much storage now exists but he will investigate increasing the server storage with GoDaddy along with off loading or eliminating old files no longer necessary. The OSC will discuss this item again at the March meeting.

Future OSC Meeting Schedule

- The OSC approved the meeting dates and times listed below. John Lemire indicated that he will not be able to attend the March 13th meetings but recommended that the meetings be held as scheduled if Mark Byrd could chair the OSC meeting. Mark agreed to chair the OSC meeting in John's absence.
- The OSC also discussed the format for the March 13th OSC and TAG meetings and decide that the meetings will be held as a Webinar. Rich Wodyka will inform the TAG stakeholders that the TAG meeting will be held as a Webinar format

Date	Time	Location
March 13, 2019	OSC 10 am - noon TAG 1:00 pm - 2:30 pm	Webinar
April 9, 2019	10:00 am - 12:00 pm	Teleconference
May 15, 2019	10:00 am - 12:00 pm	Teleconference