North Carolina Transmission Planning Collaborative Oversight / Steering Committee (OSC) Meeting Highlights December 12, 2018 Teleconference Meeting 10:00 AM -11:30 AM ET

John Lemire, ChairmanNCEMCLuis FondacciNCEMCJames ManningNCEMC

Bob Pierce Duke Energy Carolinas
Orvane Piper Duke Energy Carolinas

Jennifer Stenger Duke Energy
Greg Stone Duke Energy

Mark ByrdDuke Energy ProgressBill QuaintanceDuke Energy Progress

Kevin Josupait ElectriCities

Rich Wodyka Consultant Administrator

Administrative

OSC Meeting Minutes and Highlights

• The November 14, 2018 OSC Meeting Minutes and Highlights were reviewed and approved.

PWG Officer Rotation

• The OSC discussed the rotation of officers for the PWG. Marty Berland will become the PWG Chair and Lee Adams will be the PWG Vice Chair / Secretary. The OSC approved the PWG officer rotation effective on January 1st for a 2 year term. The OSC thanked Orvane Piper for his leadership in managing the PWG activities for the past 2 years.

2018 Study Report wrap-up

• The OSC discussed the final draft of the 2018 study report. An edit was identified and Rich Wodyka will make the correction. With the modification, the OSC approved the distribution and posting of the 2018 study report as a

final draft. The TAG will be invited to provide comments and questions on the final draft of the study report by January 4th.

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 TAG meeting.

2018 Study Activities Update

- Orvane Piper and Mark Byrd led the OSC discussion on the review of the 2018 studies activities presentation. Orvane noted that the 2018 study analysis includes our standard reliability analysis for 2023 summer, 2023 - 2024 winter along with the 2028 - 2029 winter. Orvane and Mark reviewed and highlighted the reliability study results.
- In addition to the reliability analysis, Orvane and Mark reported on the preliminary study results for the analysis of serving 300 MW of hypothetical load at 6 potential economic development sites that would have a choice of Electric Provider. They identified the 6 sites chosen and the criteria used for the selection of the sites. They discussed the study results which included the interconnect requirements and any required network upgrades, if necessary, for each of the six sites. The OSC discussed the difference between the Interconnection costs versus the Network Upgrade costs as identified in the presentation material.

2019 Study Scope Discussion Presentation

- Mark Byrd led the OSC discussion on the scope of work for 2019. Mark noted that the 2019 study analysis would include our standard reliability analysis for 2024 summer, 2024 2025 winter along with the 2029 summer. Mark discussed past alternate study scenarios and OSC will request input from the TAG on any suggested study scenarios as well as input on Local Economic Study Requests and Public Policy Study requests.
- Rich Wodyka discussed the schedule for TAG to provide additional input to the OSC on the 2019 Study Scope, as well as input on Local Economic Study Requests and Public Policy Study requests. Rich will be sending out the request for TAG input on the 2019 Study Scope along with the instructions

and forms associated with Local Economic Study Requests and Public Policy Study requests in early January. TAG will be requested to submit their input on these items to Rich Wodyka by February 5, 2019.

• The OSC will discuss the 2019 Study Scope item again at the January meeting.

Regional Studies Reports

Bob Pierce reported on the following regional studies activities:

SERC LTSG Update

 Bob Pierce reported that the SERC has completed their work on 2018 series of MMWG cases. The SERC 2023 Summer Study Report showed acceptable levels of transfer capability and no unanticipated projects are required in DEC/DEP. The report will be publicly available in April 2019.

SERTP Activities Update

• Bob Pierce reported that the SERTP group 4th Quarter Meeting will held on December 13th in Tucker, GA. The primary purpose of this meeting will be to discuss the SERTP regional transmission plan, the final results of the 2018 economic planning studies, and the modeling assumptions that will be used in developing next year's transmission plan.

NERC Activities Update

• Bob Pierce reported on the NERC SOL/IROL related standards update. He discussed the potential changes of the standard to clarify the differences and modify the standard.

TAG Work Plans Presentations

- **2018 TAG Work Plan** Rich Wodyka reviewed his planned update of the TAG 2018 work plan. Today's TAG meeting will complete the activities associated with the 2018 TAG Work Plan.
- **2019 TAG Work Plan** Rich Wodyka reviewed and discussed the proposed work plan for the 2019 TAG activities. He noted that the 2019 plan is essentially the same work plan that was utilized for the 2018 TAG activities.

PWG Items

PWG Minutes

• There were no comments or additional questions on the latest PWG meeting minutes distributed by Marty Berland.

Future OSC Meeting Schedule

• After review, the OSC approved the meeting dates and times listed below.

Date	Time	Location
January 17, 2019	1:30 pm - 3:30 pm	Teleconference
February 19, 2019	1:30 pm - 3:30 pm	Teleconference
March 13, 2019	OSC 10 am - noon TAG 1:00 pm - 2:30 pm	TBD Webinar or In-person