North Carolina Transmission Planning Collaborative Oversight / Steering Committee (OSC) Meeting Highlights July 17, 2018 Teleconference Meeting 10:00 AM -10:35 AM ET

John Lemire, ChairmanNCEMCLuis FondacciNCEMCJames ManningNCEMC

Orvane Piper Duke Energy Carolinas
Bill Quaintance Duke Energy Progress
Mark Byrd Duke Energy Progress

Marty Berland ElectriCities

Rich Wodyka Consultant Administrator

Administrative

OSC Meeting Minutes and Highlights

• The June 19, 2018 OSC Meeting Minutes and Highlights were reviewed and approved.

PWG Items

2017 Collaborative Transmission Plan Update

• Rich Wodyka reported that he did not receive any additional comments or questions from the TAG stakeholders by the June 29th deadline. The 2017 Collaborative Transmission Plan mid-year update is now a final report.

2018 Study Activities Update

• Orvane Piper and Mark Byrd highlighted the Local Economic Study Assumptions for the six economic development sites that were selected for analysis in 2018. Each of the sites will be evaluated at 300 MW. Orvane noted that DEC proposes to study the two DEC sites in separate study cases. Mark Byrd noted that DEP proposes to study the four DEP sites in two study cases. The sites to be studied in each case was selected in order to maximize the

electrical distance between sites in each study case. After review and discussion of the proposed study assumptions, the OSC approved the assumptions and authorized the PWG to proceed with the Local Economic Studies.

Orvane highlighted that the base cases for the reliability analysis have been developed and the study analysis is proceeding. He noted that he would expect to review the preliminary study results along with alternative solutions considered at the August 23rd PWG meeting. Overall the 2018 study analysis is proceeding on schedule.

SERC LTSG Update

 Orvane Piper reported on the LTSG 2023 Summer transfer study is proceeding on-schedule.

CTCA Update

Nothing to report on at this time.

EIPC Update

- Mark Byrd reported that the EIPC steady state load flow group, which has been inactive for the last year and a half, is being reactivated. Mark is the Chairman of this group and he expects that this group will likely be doing some studies starting early next year.
- Mark noted that the studies of two other EIPC groups the Frequency Response Study group and the Production Cost Analysis group work is proceeding on-schedule.

NERC Update

• Orvane Piper reported that the NERC MMWG is meeting this week in Canada. Lee Adams and Bob Pierce are attending.

PWG Minutes

No questions or comments on the July 10th PWG minutes.

SERTP Update

 James Manning had a question regarding the regulatory requirements for inter-regional studies and how often the studies are performed. Mark Byrd agreed to get the information and report back to the group at the next OSC meeting.

Challenges and Opportunities Discussion

Changing Mix of Generation

• John Lemire reported that Duke is still developing a document to coordinate information exchange as a first step regarding affected systems. Since Edgar Bell was not available for today's meeting, the discussion on this item will be continued at the next OSC meeting.

Future OSC Meeting Schedule

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

| Date | Time | Location |
|--------------------|---|----------------|
| August 29, 2018 | 10:00 am - 12:00 pm | Teleconference |
| September 25, 2018 | OSC 10 am - noon TAG 1:30 pm - 3:00 pm | TBD |
| October 23, 2018 | 10:00 am - 12:00 pm | Teleconference |