North Carolina Transmission Planning Collaborative Oversight / Steering Committee (OSC) Meeting Highlights August 29, 2018 Teleconference Meeting 10:00 AM -11:30 AM ET

John Lemire, Chairman Luis Fondacci James Manning Bob Pierce Orvane Piper Jennifer Stenger Mark Byrd Lee Adams Marty Berland Rich Wodyka

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

Administrative

OSC Meeting Minutes and Highlights

• The July 17, 2018 OSC Meeting Minutes and Highlights were reviewed and approved.

September 25th TAG Meeting Draft Agenda

• Rich Wodyka reviewed the proposed September 25th TAG agenda that was previously distributed. After discussion, the OSC approved the TAG agenda as proposed.

TAG Meeting Logistics

• The OSC discussed the logistics for the September 25th meeting. After discussion the OSC agreed to hold the TAG meeting as a webinar. The OSC instructed Rich Wodyka to inform the TAG on the meeting format and to distribute and post the approved TAG meeting agenda.

PWG Items

2018 Study Activities Update

- Bob Pierce highlighted the review process of the preliminary study results that was conducted at the PWG meeting last week. Rich Wodyka noted that the 2018 study analysis is proceeding on schedule. Orvane Piper emailed out a marked up transmission system map for use in discussing and highlighting the preliminary study results.
- Orvane Piper and Mark Byrd reviewed and highlighted the preliminary study results using the transmission system map that was just distributed. Both Orvane and Mark noted that they were still working to develop a document that would be used to present the final preliminary results at the next OSC meeting. While the preliminary study results are known the companies are still investigating alternative solutions and developing cost estimates for the solutions being developed. Review and discussion of the final preliminary results will continue at the next OSC meeting.

SERC LTSG Update

• Orvane Piper reported that the LTSG 2023 Summer transfer study is proceeding on-schedule with drafting of the study report. Orvane also reported that the SERC Renewable Impact Study is also in the report drafting stage.

CTCA Update

• Lee Adams reported that SCE&G has initiated a request to conduct a joint CTCA study to investigate bus junction issues associated with the Stevens Creek line. The parties are developing the scope of work for this proposed analysis.

EIPC Update

• Mark Byrd reported that the EIPC Steady State Load Flow group is meeting on September 6th to discuss study requests and to develop the associated scope of work for those studies.

NERC Update

- Lee Adams reported on the NERC MMWG activities. He noted that the MMWG trial #2 cases have been posted for review and comment. The next version of MMWG cases trial #3 are expected to be posted on Friday, August 31st for review and comment.
- Bob Pierce reported on the activities associated the NERC TPL-001-5 standard. He noted that there remain a number of issues including the interpretation of the definition of Bulk Electric System (BES) that could impact on how companies will need to comply with this standard.

PWG Minutes

• No report.

SERTP Update

• Bob Pierce reported that the 2018 SERTP economic study results are being finalized. These preliminary results are expected to be presented to the stakeholders at the SERTP 3rd quarter meeting on September 18th.

Challenges and Opportunities Discussion

Changing Mix of Generation

- John Lemire raised a potential issue involving the constrained infrastructure list that is posted on the Duke OASIS. Mark Byrd noted that this list was developed as part of the Duke generation interconnection process. John noted that some of his concern reflects the potential issue of serving load in these identified constrained areas. Mark noted that what happens in these constrained areas is more a reflection on potential generation interconnection development rather than load serving issues.
- 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
September 25, 2018	OSC 10 am - noon TAG 1:30 pm - 3:00 pm	Webinar
October 23, 2018	10:00 am - 12:00 pm	Teleconference
November 14, 2018	1:30 pm - 3:30 pm	Teleconference