North Carolina Transmission Planning Collaborative Oversight / Steering Committee (OSC) Meeting Highlights February 20, 2018 Teleconference Meeting 1:30 PM - 3:00 PM ET

John Lemire, Chairman Luis Fondacci James Manning Bob Pierce Orvane Piper Bill Quaintance Mark Byrd Sam Waters Jennifer Stenger Marty Berland Kevin Josupait Rich Wodyka NCEMC NCEMC NCEMC Duke Energy Carolinas Duke Energy Carolinas Duke Energy Progress Duke Energy Progress Duke Energy Duke Energy ElectriCities ElectriCities Consultant Administrator

Administrative

OSC Meeting Minutes and Highlights

• The January 16, 2018 OSC Meeting Minutes and Highlights were reviewed and approved as modified with the edits.

NCTPC Participation Agreement

- The OSC discussed the proposed changes to the NCTPC Participation Agreement to update the agreement to reflect changes to the NCTPC study process and the Duke OATT. The OSC agreed to continue their review of the proposed changes and discuss the agreement at the March OSC meeting.
- The OSC also agreed to submit any proposed edits along with the name and position of their respective company representative that would sign the updated agreement once approved by the OSC. The edits and executive information should be sent to Rich Wodyka prior to the March OSC meeting.

NCTPC Process Overview

- The OSC discussed the proposed changes to the NCTPC Process Overview document to update the document to reflect changes to the NCTPC study process. The OSC agreed to continue their review of the proposed changes and discuss the overview document again at the March OSC meeting.
- The OSC also agreed to submit any proposed edits to the overview document to Rich Wodyka prior to the March OSC meeting.

TAG Meeting Draft Agenda and Logistics

- Rich Wodyka led the OSC review and discussion of the proposed March 27th TAG meeting draft agenda. The primary focus for this TAG meeting will be the presentation and review of the proposed 2018 study scope along with updates on various regional study activities. The OSC approved the proposed TAG agenda.
- The OSC also discussed the format of the March TAG meeting. After discussion, the OSC agreed that the March TAG meeting would be conducted as a Webinar. The OSC instructed Rich to distribute the agenda to the TAG stakeholders, inform them on the meeting format and post the information on the NCTPC website.

2018 Study Scope

- Rich Wodyka led the OSC discussion on various ideas and concepts for the 2018 study scope. Rich noted that the deadline for submittal of Local Economic studies or Public Policy related studies was February 7th. There were no studies submitted by the TAG stakeholders by the deadline.
- NCEMC submitted two Local Economic study suggestions that were reviewed and discussed at the PWG meeting. The OSC discussed the proposed NCEMC studies. One suggested study was to test the import capability of the DEP system at a lower load in an earlier timeframe. The second suggested study involved the analysis of future large economic development sites.
- The OSC also discussed the proposed study that Mark Byrd previously suggested at last months OSC meeting. This proposed study was to analyze an additional sensitivity for the 10 year out study case (2028 2029 Winter) with a 10% higher load for this case.

• After review and discussion of the suggested studies, the OSC agreed that more discussion was required. The OSC agreed to continue the discussion of the suggested studies at a special OSC in order to finalize the 2018 study scope. John Lemire will send out a Doodle poll to determine the best date for this special OSC meeting.

Regional Updates

SERTP

• Bob Pierce reported on the SERTP activities. The 1st quarter SERTP stakeholder group meeting is scheduled for March 29th. The purpose of this meeting is to form the 2018 Regional Planning Stakeholders' Group (RPSG), and select the 2018 RPSG studies.

PWG Items

PWG Minutes

• Marty Berland reported that the February 15th PWG meeting minutes have not yet been sent out. These minutes will be sent out shortly for the OSC information and review at the March OSC meeting.

SERC LTSG Update

• Orvane Piper reported on the SERC long term study group activities. The SERC LTSG is beginning to collect system data to build the study models for the upcoming 2018 studies.

CTCA Studies Update

• Sam Waters reported that the CTCA group is meeting on April 2nd to discuss and determine what studies the group plans to do in 2018.

EIPC Update

- Sam Waters reported that the EIPC is continuing to discuss the request to replace ERAG as the entity to oversee the development of the MMWG models. No decision has been made at this time.
- Sam Waters reported that the EIPC is still developing the database for future PROMOD studies. He also noted that there is no EIPC power flow study

work yet scheduled in 2018 but the group is finalizing the scope of work for a frequency response study of the Eastern Interconnection that could be initiated later this year.

NERC Update

• No report.

Challenges and Opportunities Discussion

Changing Mix of Generation

• There was no new information to discuss on the draft scope of work related to the changing mix of generation at this meeting. Edgar Bell is continuing to work updating the draft scope. Discussion on this item will be continued at the next OSC meeting.

NC House Bill 589

• Sam Waters reported on the NC House Bill 589 sections that involve competitive energy solutions for NC. He highlighted the section involving the procurement of renewable energy and challenges it presents regarding the acquisition of solar generation.

Future OSC Meeting Schedule

 John Lemire reported that Rich Wodyka has a conflict with the April 24th OSC meeting date. The OSC reviewed the proposed options and selected April 26th - 10:00 am to 12:00 pm as the revised April OSC meeting date and time. After review, the OSC approved the meeting dates and times listed below.

Date	Time	Location
March 27, 2018	OSC 10 am - noon TAG 1:30 pm - 3:00 pm	Webinar
April 26, 2018	10:00 am - 12:00 pm	Teleconference
May 22, 2018	10:00 am - 12:00 pm	Teleconference

• John Lemire reported that he will be sending out Doodle polls for selecting the OSC meeting schedule for the 2nd half of 2018.