North Carolina Transmission Planning Collaborative Oversight / Steering Committee (OSC) Meeting Highlights February 13, 2017 Teleconference Meeting 1:00 PM - 2:00 PM ET

Edgar Bell, Chairman

Bob Pierce

Duke Energy Carolinas

Orvane Piper

Duke Energy Carolinas

Duke Energy Carolinas

Mark Byrd

Duke Energy Progress

Bill Quaintance

Duke Energy Progress

Duke Energy Progress

Duke Energy Progress

Lee Adams

Duke Energy Progress

Lee Adams

Duke Energy Progress

Marty Berland

ElectriCities

NCEMC

Luis FondacciNCEMCJohn LemireNCEMCJames ManningNCEMC

Rich Wodyka Consultant Administrator

Administrative

• The January 13, 2016 OSC Meeting Minutes and Highlights were reviewed and approved.

2017 Press Release Update

• Rich Wodyka reported that the draft of the 2017 Press release for the 2016 Collaborative Transmission Plan Study has been updated with all the comments that were submitted. He noted that the only missing piece was a quote from the NC Commission. Edgar Bell noted that the Duke regulatory staff was still trying to get the quote from the NC Commission but so far it has not been provided. Edgar will keep the OSC informed on the status of obtaining the NC Commission quote. Once the decision on the NC Commission quote is received, Rich will send out the final draft of the press release for OSC approval via an email vote. Once approved by the OSC, Rich will work with the company public relations representatives for distributing the final press release to the media outlets.

Feedback on the NC Energy Policy Council Meeting

- Rich Wodyka reported on the January 18th meeting with the NC Energy Policy Council. The meeting was well received and Sam Waters did an excellent job presenting the NCTPC activities and fielding their questions. Mark Byrd also provided his perspective on the meeting. Since this meeting was only with a subcommittee of the full Council they indicated that they may want to have the NCTPC provide the full Council a briefing sometime this year. In that meeting, they would like the presentation to focus primarily on the challenges and opportunities facing the electric industry, specifically those associated with the NCTPC activities in NC.
- After the OSC discussion on the Council meeting, Luis Fondacci requested
 that the OSC continue to discuss the challenges and opportunities facing the
 electric industry, specifically those associated with the NCTPC. The OSC
 agreed to discuss the NCTPC challenges and opportunities at the March OSC
 meeting.

March TAG Meeting

- The OSC determined that the format for the March 17th OSC/TAG meetings will be a Webinar.
- Rich Wodyka led the OSC review and discussion of the proposed agenda for the March 17th TAG meeting. After review, the OSC approved the TAG meeting agenda. Rich will distribute the approved agenda to the TAG and post it on the NCTPC website.

Regional Updates - SERTP

• Bob Pierce reported that the only SERTP activity to report on was that modeling activities for 2017 studies have begun.

PWG Items

PWG Scope Document

Orvane Piper reviewed the proposed changes to the PWG scope document. He
noted that these changes are being proposed to reflect the adjusted rotation
schedule for the Committee Officers and the updated role of the Vice Chair

- and Secretary positions. After review and discussion the OSC approve the proposed changes to the PWG scope document.
- Orvane Piper also inquired whether or not the OSC would be interested in reviewing the draft PWG meeting minutes. After discussion, the OSC agreed that it would be helpful to receive the draft of the PWG minutes for their information and enable them to ask questions of their respective PWG members on various PWG activities.

Scope of Work for 2017

- Rich Wodyka reported that he did not receive any Local Economic Study Requests and Public Policy Study requests from the TAG by February 3, 2017 deadline.
- Orvane Piper led the OSC discussion on the development of the 2017 Study Scope. Orvane Piper noted that the PWG is proposing that this year's long term study analysis would be performed on winter case for 2027/2028 since DEP and DEC have recently seen all-time peaks in winter instead of summer. The PWG also proposes that in future study years that the long term study case be rotated between winter and summer every other year.
- Orvane also reported that the PWG also discussed and proposes that the CPL West resource information should also be included in this year's study scope.
- In addition to the annual reliability analysis, Orvane reported that the PWG also proposes that this years scope of work would include the inter-regional transfer analysis studies that is typically performed every other year. The specific transfer studies would be updated to include the two transfer scenarios that were proposed by NCEMC. Specifically, the proposed PJM to CPLE transfer is included and the proposed SOCO to CPLE transfer would replace the previous SOCO to PJM transfer. After review and discussion, the OSC approved the PWG proposed scope of work for 2017.
- Rich Wodyka will send out the final draft of the 2017 Study Scope document to the TAG for their review and comment prior to the March TAG meeting.

SERC LTSG Update

• Orvane Piper reported that the LTSG has finished their CPP Study and the study report is posted for stakeholder review. The LTSG 2017 held a kickoff

meeting on January 18th to discuss their 2017 study scope. Modeling activities for this work have begun.

CTCA Update

• Orvane Piper reported that the CTCA group continues to work to finish their analysis related to the 2018-19 Winter and 2022 Summer study. They will also begin discussing the scope of work for the remainder of 2017 in the next several months.

EIPC Update

• Mark Byrd reported that the EIPC is still evaluating what future studies would be done. Currently there are no EIPC Load Flow Working Group study activities. He did note that EIPC now has the capability to perform production cost analysis studies. There is a workshop in April to discuss the future of EIPC studies.

NERC / MMWG Update

• There was nothing new to report on this item.

Future OSC Meeting Schedule

• The OSC reviewed and approved the meeting dates and times listed below.

| Date | Time | Location |
|-----------------------------------|--------------|-----------------|
| March 17, 2017 OSC/TAG Meeting | 10 am - 3 pm | Webinar |
| April 17, 2017 | 10 am - noon | Conference Call |
| May 15, 2017 | 1 pm - 3 pm | Conference Call |