North Carolina Transmission Planning Collaborative Oversight / Steering Committee (OSC) Meeting Highlights September 16, 2019 Teleconference Meeting 9:00 AM - 10:15 AM ET

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

Administrative

OSC Roster

• Luis Fondacci reported that John Lemire has resigned from the OSC as a result of a change in his responsibilities within NCEMC. The OSC recognized John for his work on the OSC and wished him well in his new position.

OSC Meeting Minutes and Highlights

• The August 29, 2019 OSC Meeting Minutes and Highlights were reviewed and approved.

Treasurer Report

- Bob Pierce reported that the invoices for the replenishment of the NCTPC account have been sent out.
- Bob also discussed the payment of the GO DADDY annual fee (\$480/YR) for the NCTPC website. He noted that Duke Energy has likely been paying the fee not the NCTPC. He will continue to follow up on this matter and report

back to the OSC. Bob will also forward the GO DADDY contact information to Mark Byrd for him to continue his investigation into the storage issues with the NCTPC website.

2019 Study Activities

- Orvane Piper and Lee Adams led the OSC review and discussion of the 2019 preliminary study results. After discussion of the preliminary study results, the OSC instructed the PWG to proceed with the development of the 2019 Study Report.
- Rich Wodyka led the OSC review and discussion of the draft study report development and review schedule. Once the upcoming OSC meeting schedule is finalized, Rich will update the schedule and republish it to the PWG and the OSC.

OSC / TAG Meeting Schedule

- The OSC discussed the upcoming meeting schedule. After discussion, the OSC agreed on the following schedule:
 - October 15, 2019: the OSC will meet in the morning starting at 10 am and the TAG meeting will be in the afternoon starting at 1:30 pm. The OSC and TAG meeting will be conducted as Webinars.
 - November 19, 2019: the OSC will meet in morning starting at 9 am. The meeting will will conducted as a Webinar / Teleconference.
 - December 12, 2019: the OSC will meet in the morning starting at 10 am and the TAG meeting will be in the afternoon starting at 1:30 pm. The OSC and TAG meeting will be held as in person meetings with Webinar capability offered, as necessary.

Regional Updates

SERTP Activities

• Lee Adams reported that the SERTP study group is continuing with their 2019 study activities. They are running the agreed upon study transfer studies and are evaluating the preliminary study results. The next review meeting is scheduled for September 26th.

PWG Items

SERC LTWG Update

• Orvane Piper reported that the SERC LTWG has recently completed the analysis on the various system transfers for the Future Year Study. The initial draft of the study report has been distributed and posted for review.

CTCA Studies Update

• Lee Adams reported that there was no new CTCA items to report at this time.

EIPC Update

 Mark Byrd reported that the EIPC Transmission Analysis Working Group has completed their 2019 ten year study analysis that evaluated 5,000 MW transfers across the same interfaces as was analyzed in the 2016 EIPC transfer study. The study report has been posted for review. He noted that there is two versions of the report - a public version and a confidential version available only to participating utilities. The public version will highlight the limiting facilities but will not identify the associated contingencies. Once report feedback is received, the EIPC Technical Committee will determine whether or not to recommend running any additional study cases at this time.

NERC Activities Update

 Lee Adams reported that the final MMWG cases are expected to finalized and published shortly. Bob Pierce reported that NERC continues to work on the EIPC - MMWG administrative items that are changing.

PWG Minutes

- There were no specific questions or comments on the September 11th draft PWG meeting minutes distributed by Lee Adams. The PWG meet in person in Greensboro on September 11th to review and discuss the 2019 preliminary study results.
- Related to the PWG meeting, a question was raised by NCEMC on the Wateree area limitations. The discussion related to the operating solution related to the limits identified.

Other Items

NCTPC Website

• Mark Byrd will continue to follow up with GO DADDY the NCTPC website server host to see if we can get more storage to resolve the current issue with the NCTPC website.

Duke Energy IBR Event

• Mark Byrd and Bill Quaintance reported that there was no new items on the IBR event at this time.

Future OSC Meeting Schedule

• The OSC agreed on the meeting date and times listed below.

Date	Time	Location
October 15, 2019 OSC / TAG Meeting	10 am - 3 pm	Webinar Conference Call
November 19, 2019	9:00 am - 11:00 am	Webinar Conference Call
December 12, 2019 OSC / TAG Meeting	10 am - 3 pm	ElectriCities Office