North Carolina Transmission Planning Collaborative Oversight / Steering Committee (OSC) Meeting Highlights February 10, 2015 Teleconference Meeting 10:00 AM - 12:00 PM ET

Marty Berland, Chair

Sam Waters
Ben Harrison
Bob Pierce
Orvane Piper
Mark Byrd
Lee Adams
Bill Quaintance
Nina McLaurin
John Lemire
James Manning
Rich Wodyka

ElectriCities

Duke Energy Carolina
Duke Energy Carolina
Duke Energy Carolina
Duke Energy Carolina
Duke Energy Progress
Duke Energy Progress
Duke Energy Progress
Duke Energy Progress

NCEMC NCEMC

Consultant Administrator

Administrative

• The January 15, 2015 OSC Meeting Minutes and Highlights were reviewed and approved.

OSC Items

NCTPC/PJM/MISO Joint Transmission Study Report

- Sam Waters reported that he has been in discussion with the NCUC staff on the results of the NCTPC - PJM - MISO joint inter-regional study. The NCUC staff wanted some clarification on some elements of the report. Sam reported that he and Bob Pierce provided the additional information that was requested. After discussion, the OSC approved the NCTPC/PJM/MISO Joint Interregional Study report. Rich Wodyka will work with Orvane Piper to get the study report distributed and posted in coordination with PJM and MISO.
- Related to the NCTPC PJM MISO joint inter-regional study report, Rich Wodyka raised the question whether the parties would be issuing a joint press release on the final report. Bob Pierce reported that he had been in

- communication with PJM and MISO on a joint press release but they were not interested. After discussion, the OSC decided that a press release on this study report would not be issued.
- Related to the NCTPC PJM MISO joint inter-regional study results, the
 OSC discussed the need to continue to do this type of analysis annually. Sam
 Waters noted that they will be meeting with PJM in March to continue
 discussions on the need for a review of the PJM Base Residual Auction (BRA)
 results annually. Sam will report back to the OSC on these discussions.

NCTPC 2014 Collaborative Transmission Plan Report

- Rich Wodyka reported that the 2014 Collaborative Transmission Plan Report dated January 15, 2015 has been posted and distributed to the TAG stakeholders as final.
- The OSC discussed the draft press release associated with the 2014 Collaborative Transmission Plan Report. Rich Wodyka reported that he was still waiting on the NCUC Commission quote. Ben Harrison reported that he was still working to get the Commission quote finalized. Once the Commission quote is updated, then 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.

2015 Study Scope

- The OSC discussed the scope of the 2015 study. The OSC agreed that it will be performing our standard short term (5 year) and long term (10 year) base reliability analysis as part of the 2015 study scope. In addition, the OSC agreed to include the hypothetical imports/exports scenarios that have been performed every other year.
- The OSC also discussed the Local Economic Study requests submitted by NCEMC and Clean Line Energy. On the NCEMC request, the OSC decided that one of the proposed scenarios would be covered by the hypothetical imports/exports scenarios. The other NCEMC scenario involving the potential outages of nuclear units will tentatively be included in this years analysis pending the OSC final approval once the other study scenarios are finalized.

- On the Clean Line Energy study requests, the OSC agreed that a meeting with the Clean Line Energy representatives would be helpful in clarifying the specifics of their request. The OSC agreed that Mark Byrd would set up a teleconference meeting with Clean Line Energy to discuss their study requests and clarify what analysis could be done by the NCTPC this year. Marty Berland, Bob Pierce, Orvane Piper and Rich Wodyka volunteered to participate in the Clean Line Energy discussion.
- The OSC deferred action on the Local Economic Study requests pending the results of the discussion with Clean Line Energy. The OSC will discuss the 2015 study scope again at the next OSC meeting.

Changes to the NCTPC Transmission Planning Process Document

• Marty Berland led the OSC discussion on the proposed edit to the NCTPC Transmission Planning Process document. The edit would eliminate revising this document every time the NCTPC Participation Agreement document is changed. After discussion, the OSC approved the edit to the NCTPC Transmission Planning Process document and instructed Rich Wodyka to repost the updated document.

Regional Updates

SERTP

 For SERTP, Nina McLaurin reported on the recent FERC Order regarding FERC Order 1000. The SERTP parties view this as a positive order in that FERC approved the proposed avoided cost transmission cost allocation. There are some additional changes required by this order but they are viewed as minor issues. The SERTP parties will address these minor issues in the required compliance filing.

MISO/Entergy Integration Operations Reliability Coordination Agreement (ORCA)

• Bob Pierce noted that the MISO operations protocols remain in place and that the FERC hearings attempting to resolve the related disputed issues are scheduled to continue in April. The OSC agreed that NCTPC will follow these activities and report to TAG as these activities continue.

Other Items

Change in PWG Membership

- Fayetteville Public Works Commission has requested a change to their PWG membership. They have proposed to replace Marc Tunstall on the PWG with Tim Stankiewicz. After discussion of Tim's engineering background, the OSC approved Tim Stankiewicz joining the PWG.
- Marty Berland reported that Karen Maclaga duties within ElectriCities have changed and she will no longer be able to participate on the PWG. The OSC approved removing Karen from the PWG and thanked her for her participation on the group.

Change in OSC Membership

 Mark Byrd requested that Bill Quaintance be added to the OSC roster as an alternate for Duke Energy Progress. After discussion, the OSC approved Bill Quaintance as a Duke Energy Progress alternate on the OSC.

PWG Report

Regional Studies - the following planing related activities were discussed:

- **SIRPP** There was nothing new to report on this item. The OSC recognizes that this group is being replaced by the SERTP planning activities and therefore will be dropped from future regional study reports.
- **SERC** The Long-term Study Group is building the new 2020 Summer study models. They are also working on issues related to modeling the PJM / MISO market dispatch. The primary issue is how to accurately model this market dispatch in planning studies.
- CTCA Studies There was nothing new to report on this item.
- **EIPC** The EIPC planning group is building the 2025 Summer and Winter study models for the proposed reliability studies.
- NERC Work continues on the CIP-014 standard.

Future OSC Meeting Schedule

• The OSC reviewed and confirmed the following meeting schedule.

Date	Time	Location
March 10, 2015	10 AM - 12 PM (OSC) 1:30 PM - 3:30 PM (TAG)	Teleconference / Webinar

• Marty Berland will be sending out doodle polls for the next several months to determine the OSC meeting schedule after March.