

**North Carolina Transmission Planning Collaborative  
Oversight / Steering Committee (OSC)  
Meeting Highlights  
March 17, 2017  
Webinar/Teleconference Meeting  
10:00 AM - 11:45 AM ET**

<b>Edgar Bell, Chairman</b>	<b>Duke Energy Carolinas</b>
<b>Sam Waters</b>	<b>Duke Energy</b>
<b>Bob Pierce</b>	<b>Duke Energy Carolinas</b>
<b>Orvane Piper</b>	<b>Duke Energy Carolinas</b>
<b>Mark Byrd</b>	<b>Duke Energy Progress</b>
<b>Bill Quaintance</b>	<b>Duke Energy Progress</b>
<b>Nina McLaurin</b>	<b>Duke Energy Progress</b>
<b>Marty Berland</b>	<b>ElectriCities</b>
<b>Luis Fondacci</b>	<b>NCEMC</b>
<b>John Lemire</b>	<b>NCEMC</b>
<b>James Manning</b>	<b>NCEMC</b>
<b>Rich Wodyka</b>	<b>Consultant Administrator</b>

**Administrative**

- The February 13, 2017 OSC Meeting Minutes and Highlights were reviewed and approved.

**2017 Press Release Update**

- Rich Wodyka reported that the 2017 Press release for the 2016 Collaborative Transmission Plan Study was distributed on March 14, 2017. Rich thanked the company public relations representatives for their diligent work in getting the press release distributed to the media outlets. So far, there has not been any inquiries on the press release.
- Rich also noted that there was a suggestion from the Duke Energy public relations representative that the format for the press release should be updated to make it more media friendly. While time did not permit for a major format change this year, Rich will initiate the development of the 2018 press release earlier in this year's process to allow for suggestions on the press release format to be considered by all the companies.

## **March TAG Meeting Presentations**

- Rich Wodyka reported that only one stakeholder has signed up to attend today's TAG Webinar meeting. After discussion, the OSC determined that the TAG meeting would be cancelled. Rich will send out the activities update to the TAG stockholders including the set of updated TAG presentations for their information and review. Edgar Bell will contact the NCUC to alert them the TAG meeting is cancelled and Rich will contact the stakeholder to inform him as well.
- Rich Wodyka led the OSC review and discussion of the TAG meeting presentations. After review, Rich will distribute the set of presentations to the TAG as part of the NCTPC activities update and post them on the NCTPC website.

## **2017 Study Activities and Study Scope Update**

- Orvane Piper led the OSC discussion on the 2017 study activities and study scope update. Orvane highlighted the study process, the study assumptions, and the proposed study scope for 2017.
- Orvane noted that the 2017 studies will include the annual reliability studies as well as the resource supply scenarios that will evaluate 16 hypothetical transfers that either source or sink in DEC and / or DEP. There is one hypothetical transfer to evaluate the impact of a 1000 MW Southern Company transaction through DEC transmission system into CPLE which is slightly different than the Southern Company transfer modeled in previous studies. Orvane also noted that there were no Local Economic or Public Policy studies submitted by the stakeholders for 2017.
- Orvane reported that the companies are now proceeding with the development of the base case models. The study year's for the reliability analysis are 2022 Summer, 2022/2023 Winter, and 2027/2028 Winter. Orvane also highlighted the DEP Western Area study assumptions including the planned generation, transmission upgrades, area imports, and generation dispatch.
- Rich Wodyka reported that the TAG stakeholders will be given the opportunity to provide any additional comments or questions on this year's study scope by March 31st. The OSC will review and approve the final 2017 study scope, depending on any further TAG stakeholder input, at the April OSC meeting.

## **Regional Studies Reports**

### **SERC LTSG Update**

- Bob Pierce reported that the SERC Long Term Study Group (LTSG) is providing study support to the Resource Adequacy Working Group (RAWG) and the Firm Flow Task Force. Bob also noted that the LTSG has initiated their 2017 series model development.

### **SERTP**

- Bob Pierce reported that the SERTP group is currently evaluating the 2017 Public Policy proposals that were submitted by the stakeholders. There were two proposals submitted and one proposal could potentially impact the NC transmission system. The planners have begun building the 2017 series of SERTP models.

### **NERC Reliability Standards Update**

- Bob Pierce reported on the NERC TPL-001-4 change being evaluated. This change involves the addition of the wording “component of a Protection System”. He highlighted the components included in this updated requirement.
- Bob also discussed the TPL-007 standard involving the requirement to evaluate GMD and EMP events impact on the Bulk Electric System which becomes effective on July 1, 2017.
- Bob also reported on the issue of solar penetration and the associated potential issues. Specifically, Bob highlighted the amount of solar penetration occurring in NC.

### **2017 TAG Work Plan**

- Rich Wodyka reported on the work plan for the 2017 TAG activities.

## **PWG Items**

### **SERTP**

- Edgar Bell reported that the SERTP first quarter meeting is scheduled for March 22nd in Louisville, KY.

### **SERC LTSG Update**

- Orvane Piper reported that the LTSG has finished their CPP Study and the study report is posted for stakeholder review.

### **EIPC Update**

- Edgar Bell reported that an EIPC workshop is scheduled for next month in Atlanta. The EIPC Technical Committee is evaluating options for making the EIPC activities more valuable for the stakeholders and useful for the industry in general. The EIPC planners are discussing the overall planning process and associated current industry issues.

### **2017 Study Scope**

- Orvane Piper reported that the modeling of PJM transfers is being changed to provide more accurate analysis reflecting the sources from AEP and DOM.

### **PJM Item**

- Bob Pierce reported that PJM changing its BRA processes to restrict remote generation participation depending on the electrical distance from the PJM market. He noted that this could have a positive impact potentially reducing power flows through NC from the PJM market.

### **PWG Minutes**

- Orvane Piper reported that he would like to regularly send the PWG minutes to the OSC members for information purposes, if the OSC is interested. This will provide the OSC members an opportunity review the PWG minutes and ask any questions regarding the PWG activities at the next OSC meeting. After discussion, the OSC agreed to have Orvane distribute the PWG minutes to the OSC for their review and information.

### **Challenge Discussion - NC Energy Policy Council Presentation**

- As follow up to last month's OSC agreement to discuss the challenges and opportunities facing the electric industry, specifically those associated with the NCTPC, Edgar Bell led the OSC discussion on how to approach the review and discussion of these items moving ahead. As a result of the OSC

discussion, the OSC agreed to have Rich Wodyka prepare the list of items in a scorecard format and distribute it to the OSC. Each company would identify the most urgent items for the OSC to discuss. Rich will compile the results and provide the OSC with the overall rankings for review and discussion at the April OSC meeting. It was also discussed and agreed that each company would prepare and distribute to the other OSC members a brief position summary paper on each issue in advance of the OSC discussion. This will facilitate the discussion of each issue at the OSC meetings.

- In order to get the OSC discussions started at the April OSC meeting, the members agreed to discuss the challenges associated with the changing mix of generation, specifically the impacts of distributed generation related to system operations and planning.

**Future OSC Meeting Schedule**

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

Date	Time	Location
April 17, 2017	10 am - noon	Conference Call
May 15, 2017	1 pm - 3 pm	Conference Call
June 12, 2017	10 am - noon 1:30 pm - 3:30 pm	OSC / TAG Meetings