

**North Carolina Transmission Planning Collaborative  
Oversight / Steering Committee (OSC)  
Meeting Minutes  
December 13, 2017  
NCEMC Office  
3400 Sumner Boulevard  
Raleigh, NC  
10:00 AM - 11:45 AM ET**

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

**Administrative**

**OSC Meeting Minutes and Highlights**

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

**TAG Meeting Presentations**

- Rich Wodyka led the OSC review and discussion of the proposed TAG meeting agenda and presentations for later in the afternoon.

**2017 Collaborative Transmission Plan Report Presentation**

- Orvane Piper and Mark Byrd led the OSC discussion on the 2017 Study Report presentation. They highlighted the 2017 Study Process, the Study Assumptions, and the final 2017 Study Results. The 2017 Plan includes 17 major transmission projects with an estimated cost of \$426 M.

- Orvane also noted that there were no major issues identified for the sixteen hypothetical transfer scenarios studied in 2017.

### **2018 Study Scope Discussion Presentation**

- Mark Byrd led the OSC discussion on the scope of work for 2018. Mark noted that the 2018 study analysis would include our standard reliability analysis for 2023 summer, 2023 - 2024 winter along with the 2028 - 2029 winter. Mark discussed past alternate study scenarios and will request input from the TAG on any suggested study scenarios as well as input on Local Economic Study Requests and Public Policy Study requests.
- Rich Wodyka discussed the schedule for TAG to provide additional input to the OSC on the 2018 Study Scope, as well as input on Local Economic Study Requests and Public Policy Study requests. Rich will be sending out the request for TAG input on the 2018 Study Scope along with the instructions and forms associated with Local Economic Study Requests and Public Policy Study requests in early January. TAG will be requested to submit their input on these items to Rich Wodyka by February 7, 2018.
- The OSC will discuss the 2018 Study Scope item again at the January meeting.

### **Regional Studies Reports Presentation**

#### **SERC LTSG Update**

- Bob Pierce reported that the SERC has completed their work on 2017 series of MMWG cases. He noted that the cases were completed on time for the first time since 1997. The SERC 2022 Summer Study Report showed acceptable levels of transfer capability and no unanticipated projects are required in DEC/DEP. The report will be publicly available in April 2018.

#### **SERTP**

- Bob Pierce reported that the SERTP group 4th Quarter Meeting was held on December 12th in Atlanta. The primary purpose of this meeting was to discuss the SERTP regional transmission plan, the final results of the 2017 economic planning studies, and the modeling assumptions that will be used in developing next year's transmission plan.

## NERC Reliability Standards Update

- Bob Pierce reported on two NERC related activities:
  1. Inverter - Based Resource Performance Task Force (IRPTF)
    - Bob noted that this task force was established to investigate the causes of the solar PV tripping, develop a disturbance report on the event, help instigate any immediate remedial actions to avoid these events in the future, and provide recommendations on future work.
    - He stated that one of the major goals of the IRPTF is to bring GOs, GOPs, TPs, TOs, RC, and BAs together to engage with the inverter manufacturing community, inverter-based resource performance experts, and other applicable standards bodies to cooperatively develop recommended practices moving forward.
  2. TPL-001-5 Vote
    - Bob reported on the failed vote on the TPL-001-5 standard. He highlighted the major issue raised by the members related to the definition of “non-redundant component of a Protection System”.
    - He noted that this issue relates to the Footnote 13 definition of standard non-redundant components.
    - The NERC drafting working group will review all the comments submitted and develop a new version for a re-vote next year.

## TAG Work Plans Presentation

- **2017 TAG Work Plan** - Rich Wodyka reviewed his planned update of the TAG 2017 work plan. Today’s TAG meeting will complete the activities associated with the 2017 TAG Work Plan.
- **2018 TAG Work Plan** - Rich Wodyka reviewed and discussed the proposed work plan for the 2018 TAG activities. He noted that he made some minor modifications to the plan but essentially it is the same work plan that was utilized for the 2017 TAG activities.

## Other OSC Business

### 2017 Study Report Review

- John Lemire led a discussion on the content in the 2017 Study Report document related to the information associated with the alternatives considered before a selection of the final best solution was determined. While

the OSC agreed that the information related the alternatives considered was okay for the report, the OSC noted that there needs to be more discussion and review by the PWG. Toward this end, the OSC directed the PWG in all future studies to have more detailed discussions on alternative solutions to ensure that all technically feasible alternative solutions are considered before a selection of the final best solution is determined.

- Orvane Piper, as the current Chair of the PWG, stated that he will initiate a monthly PWG review process of all current projects and he will make sure that the PWG has a full and open discussion of alternative solutions considered during the review and development of solutions during the annual study process.
- Rich Wodyka noted that he modified Section II - Overview of the Process in the draft report to more closely conform to the Duke Energy OATT and our current study process. As a result of his modifications in this section, Rich recommended that the current NCTPC Process Overview document should be updated to align with the Duke Energy OATT and our current study process. After discussion, the OSC agreed to initiate a review of the Process Overview document. The OSC assigned Rich Wodyka to work with Jennifer Stenger to develop an updated Process Overview document for OSC review and approval.
- Since there were a number of minor edits made to the draft report, Rich Wodyka suggested that the OSC have one final review of the report and send him additional edits or a final approval to proceed with the distribution and publication of the Final Draft version of the 2017 Study Report. Rich requested that each company provide him a response no later than the end of the day on Thursday - December 14th.
- After the updated Final Draft of the 2017 Study Report is approved by the OSC, Rich will distribute and post the report. The TAG will be requested to submit any additional comments or questions on this Final Draft of the 2017 Study Report to Rich Wodyka by January 5, 2018.

### **Press Release**

- Rich Wodyka provided an update on the status related to the development of the press release for the 2017 Study Report. He noted that he has received edits from NCEMC and Electricities. He plans to send out an updated version of the draft press release for OSC review prior the January OSC meeting.

## **2018 Study Scope**

- Rich Wodyka led the OSC discussion on various ideas and concepts for the 2018 study scope. The OSC agreed that each company will discuss ideas for studies and send out any suggestions to the group prior to the next OSC meeting. The OSC will continue to discuss the 2018 study scope ideas at the next OSC meeting.

## **PWG Items**

### **PWG Minutes**

- The OSC had no comments or questions regarding the last set of PWG minutes that were distributed to them for their information and review.

## **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.

### **Challenge that the regulatory environment is expanding and becoming more prescriptive: New FERC process requirements for regional, inter-regional planning**

- Based on the agreed upon rankings of the issues, the next issue for the OSC to discuss was the challenges related to new FERC process requirements for regional, inter-regional planning
- The OSC discussed this issue. One of the key items discussed was the comparison of inter-regional planning requirements versus regional and local planning requirements. As a result of the discussion, the OSC agreed that it needs to continue to be aware of these requirements but no further action on this item is required at this time.
- The OSC agreed that they will continue monitor all the the challenges and opportunities previously discussed. The monthly OSC discussion of items on the challenges and opportunities list has been completed.

### **Future OSC Meeting Schedule**

- The OSC reviewed and approved the meeting date and time listed below.

<b>Date</b>	<b>Time</b>	<b>Location</b>
January 16, 2018	10:00 am - 12:00 pm	Teleconference
February 20, 2018	1:30 pm - 3:30 pm	Teleconference
March 27, 2018	10:00 am - 12:00 pm	In-Person or Teleconference