

**DRAFT**  
**NC Transmission Planning Collaborative**  
**Planning Work Group (PWG)**  
**Meeting Minutes**  
**Teleconference and Skype**  
**February 11, 2019**  
**1:00 PM – 3:00 PM**

**Attendees:**

**Marty Berland, Chairman**  
**Lee Adams, Vice-Chair/Secretary**  
**Rich Wodyka**  
**Orvane Piper**  
**Bob Pierce**  
**Mark Byrd**  
**Youn Chu**  
**Tyler Harriett**

**ElectriCities of NC, Inc.**  
**Duke Energy Progress**  
**Administrator**  
**Duke Energy Carolinas**  
**Duke Energy Carolinas**  
**Duke Energy Progress**  
**Duke Energy Progress**  
**NCEMC**

**1. Administrative Issues**

- The 1/10/19 PWG meeting minutes were reviewed, modified, and approved.
- There were no pending action items from last month. All items were complete.
- Rich updated the group on the 1/10/19 OSC meeting highlights.

**2. 2018 Plan and Study Report**

- Rich reported that the OSC has approved the Final 2018 Study Report.
- Rich reported that the press release was distributed on 1/21/19.

**3. 2019 Study and Scope of Work**

- Rich reported that no study requests have been received from the stakeholders.
- Rich polled the conference call participants to see if there were any study requests. There were no suggestions.
- Rich suggested that the PWG propose to the OSC that a transfer analysis, similar to the 2017 transfer analysis, be performed for 2019. Transfer studies are typically performed every 2 years.
- Standard reliability analysis will be performed again for 2019 as it is each year.

**4. PWG Roster and Membership Directory Update**

- Sid will replace Chu on the PWG roster. Chu will remain as an alternate. OSC approval is needed.
- NCEMC has an open spot, and they are choosing to leave it open at this time.

## **5. Regional Studies Updates**

- EIPC Update – Mark gave an update. The SSMLFWG (steady state modeling load flow working group) has been renamed. The new name is TAWG (transmission analysis working group). The 2018 series MMWG cases for 28SUM and 28WIN will be used in the proposed analysis. Mark is the chair of the EIPC TAWG for 2018/19.
- SERTP Update – Lee gave an the update. The team is just getting started with coordination of data regarding case development.
- SERC Update – Orvane gave an update. The 2019 DBU process is underway.
- NERC/MMWG - Lee gave an update. The spring meeting will be hosted by FRCC in Tampa, FL on March 20<sup>th</sup> & 21<sup>st</sup> .

## **6. Other Items**

- Project Discussion – None at this time
- Next meeting scheduled March 6<sup>th</sup> from 10am-Noon.

The meeting adjourned at 1:45 pm.

## **ACTION ITEM LOG**

<b>Action Item</b>	<b>Responsibility</b>	<b>Status</b>
Send Rich any study requests for 2019 by noon Friday Feb 15 <sup>th</sup>	All Participants	Pending
Review Scope of Work and send comments or statement of approval to Rich by noon Friday Feb 15 <sup>th</sup>	All Participants	Pending
Email OSC regarding Sid DeSouza taking Chu's place on the roster and Chu remaining as an alternate	DEP (Mark Byrd)	Pending
PWG participants to let Rich know by noon on Wednesday 11/5/18 if the draft report is acceptable for distributing to the OSC for review.	All Participants	COMPLETE
DEC and DEP to work together to write new language in the 2018 Report to address the difference in the way the companies treat solar summer dispatch.	DEC and DEP	COMPLETE
The members to provide any additional edits on the 2018 Plan to Rich by noon on Thursday 11/8. Rich will forward the compiled draft to the OSC on Thursday or Friday 11/9.	All Participants and Rich	COMPLETE
Rich to send our last year's TAG presentation to the group.	Rich	COMPLETE
Rich to send out a Word version of the 2017-2027 Plan for the participants to work from.	Rich	COMPLETE
Participants to provide a first draft of their respective report sections to Rich by October 31.	All Participants	COMPLETE
Orvane and Mark have an action item to clean up the results for sharing with PWG and OSC	Mark and Orvane	COMPLETE
Bob to send any new/revised slides and Mark and Orvane to send their presentation to Rich, preferably no later than Sept. 21.	Bob, Mark and Orvane	COMPLETE
Orvane to send out a revised PWG meeting notice for October 1.	Orvane	COMPLETE
Mark and Orvane to develop a written summary of DEP's and DEC's approach to building the cases and performing studies for the six economic development sites, to be provided to OSC in advance of the next OSC meeting.	Mark and Orvane	COMPLETE
Orvane to cancel the Aug. 7 PWG meeting and send out a new meeting invitation for Aug. 23	Orvane	COMPLETE
Orvane to send out a Doodle poll to reschedule the August PWG meeting.	Orvane	COMPLETE
Orvane to send out a Doodle poll to reschedule July PWG meeting.	Orvane	COMPLETE

Orvane to talk with DEC regional planners.	Orvane	COMPLETE
Orvane to send the draft revised Mid-Year Update to the PWG and Rich to forward it onto OSC.	Orvane, Rich	COMPLETE
Bob, Mark and Orvane to send revised TAG presentation slides to Rich.	Bob, Mark and Orvane	COMPLETE
Orvane to send DEP IDEVs to extract data from their cases to merge with DEC cases.	Orvane, DEP	COMPLETE
James to verify that the value of -100 MW for the CPLE-PJM (AEP-NCCEMC) for 2023S, 2023/24W, and 2028/29W is still valid.	James	COMPLETE
Orvane to distribute a Doodle poll to reschedule the June 5 PWG meeting.	Orvane	COMPLETE
DEC and DEP to start working on the Mid-Year review report for presentation to the TAG in June.	DEC/DEP	COMPLETE
Coordinate on and distribute proposed PWG interchange.	DEC/DEP	COMPLETE
PWG members to provide feedback on the preferred economic development sites.	All	COMPLETE
DEP to provide guidance on whether they want to study the 10% higher winter load case for 2027/2028 Winter.	DEP (Mark Byrd)	COMPLETE
Rich to send out draft TAG presentation to DEP and DEC for completion/revision.	Rich	COMPLETE
DEC and DEP to update the TAG presentation for PWG review.	DEC (Bob) and DEP (Mark)	COMPLETE
PWG members to review the NCTPC Process Overview and NCTPC Participation Agreement documents and propose any necessary changes.	All	COMPLETE
Orvane to send out the annual request to update the Resource Assumptions for the 2018 PWG studies to NCEMC and Electricities.	Orvane and NCEMC	COMPLETE
Orvane to send out new Doodle poll to reschedule the April 9 <sup>th</sup> PWG meeting date.	Orvane	COMPLETE
James and Scott to consult with John L and Luis F to make revisions to NCEMC's two local economic study proposals.	James and Scott	COMPLETE
Rich will distribute to the PWG last year's Study Scope document as well as his current version of the 2018 Study Scope document for PWG review.	Rich	COMPLETE
Rich to distribute the "final draft" 2017 Study Report to the OSC for their review and approval.	Rich	COMPLETE
Orvane to send out Doodle polls to reschedule the January and February 2018 PWG meetings	Orvane	COMPLETE

All members to review the draft 2017 Report and provide edits to Rich by noon Nov. 8.	All	COMPLETE
NCEMC to provide feedback regarding detail for “Other Transmission Solutions Considered” to be included in Appendix C of the 2017 Report	James	COMPLETE
The participants and Rich to review and update their assigned sections of the 2017 Report.	DEC, DEP, NCEMC, ElectriCities, Rich	COMPLETE
DEC and DEP to discuss what information to include in 2017 Report to describe how solar generation is dispatched in the models.	Orvane, Mark, Bill	COMPLETE
Rich to send out to PWG the DEC response to inquiry from James McLawhorn/NCUC from the last OSC/TAG meeting.	Rich	COMPLETE
Orvane to send out Doodle poll to reschedule the Oct. 3 PWG meeting to another day.	Orvane	COMPLETE
Orvane to send out Doodle poll to reschedule the Sept. 5 PWG meeting.	Orvane	COMPLETE
DEC and DEP to complete update to 2016 Plan	DEC/DEP	COMPLETE
Rich to send out template of the Mid-Year Update	Rich	COMPLETE
DEC and DEP to begin annual reliability studies.	DEC / DEP	COMPLETE
DEC to send DEP idevs to extract DEP data from DEP’s internal cases.	Orvane	COMPLETE
Electricities and NCEMC to provide base resource assumptions to DEC and DEP.	Electricities, NCEMC	COMPLETE
DEP to verify the assumptions that will be used for CPLE transfers with PJM (i.e. AEP, DVP, or both).	DEP	COMPLETE
James to follow up with resource planners at NCEMC in order to determine whether or not PWG’s proposal for handling the submitted Local Economic Study requests is acceptable.	James	COMPLETE
DEP to review the study assumptions related to CPLW resources and modify the 2017 Study Scope document, if necessary.	DEP	COMPLETE
Orvane to update 2017 Study Scope document to reflect using winter season for the longer term cases.	Orvane	COMPLETE
Orvane to send revised PWG scope to OSC for their review and approval at the 2/13/17 OSC meeting.	Orvane	COMPLETE
Orvane to send Doodle poll with tentative dates for 2017 PWG meetings.	Orvane	COMPLETE
Participants should engage in internal discussions regarding Local Economic Planning studies or Resource Supply Options they would like to see	ALL	COMPLETE

in addition to the annual reliability studies in 2017.		
Provide edits to 12/13 TAG presentation to Rich by noon on 12/6/16.	ALL	COMPLETE
Rich to send 2016 Study Report to TAG by COB on 12/7/16 for their review.	Rich	COMPLETE
Rich to send 2016 Study report to OSC by COB on 12/2/16 for their review.	Rich	COMPLETE
PWG to provide comments on clean version of 2016 Study report to Rich by noon on 12/2/16.	ALL	COMPLETE
Rich to send clean and redlined versions of 2016 Study report to PWG.	Rich	COMPLETE
James will distribute revised PWG scope document to PWG.	James	COMPLETE
Changes to the PWG roster should be provided to Rich.	ALL	COMPLETE
Updated TAG presentations must be submitted to Rich by COB on 11/29/16.	Orvane, Bob, Mark	COMPLETE
Rich to send out template for TAG presentation.	Rich	COMPLETE
Redlined updates to the report should be provided to Rich by COB on 11/10/16.	Electricities, NCEMC, DEC, DEP	COMPLETE
Rich to send out most current version of the report.	Rich	COMPLETE
Rich will send out Word version of 2015 NCTPC Report.	Rich	COMPLETE
Initial draft of each section should be submitted prior to 10/10/16 PWG meeting.	NCEMC, DEC, DEP, Electricities	COMPLETE
James will set up webinar/teleconference and provide the information to Rich for distribution to the TAG.	James	COMPLETE
Rich will send copy of draft TAG presentation to OSC for review.	Rich	COMPLETE
Updated TAG presentations must be submitted to Rich by 3pm on 9/9/16.	Orvane, Mark, Bob	COMPLETE
Lee will provide the DEP results in an update to the DEP results that were provided in July.	Lee	COMPLETE
Rich will send out template for 2016 NCTPC report to study group.	Rich	COMPLETE
James to provide additional information about interfaces where ATC limits may be appearing.	James	COMPLETE
Rich to send copy of draft TAG presentation to OSC for review.	Rich	COMPLETE
Orvane, Mark and Bob to send updates to TAG presentation to Rich by COB 7/15/16	Mark, Bob, Orvane	COMPLETE
Prior to June OSC meeting, Rich will send a preliminary agenda for July TAG meeting to the	Rich	COMPLETE

OSC for their review.		
DEC and DEP to provide updates to 2015 Collaborative Plan prior to 7/11/16 meeting.	DEC / DEP	COMPLETE
DEC and DEP will begin performing screens on base cases.	DEC / DEP	COMPLETE
DEC and DEP will exchange files to complete the three PWG base models.	DEC / DEP	COMPLETE
Rich will update the 2016 Study Scope and send out for review.	Rich	COMPLETE
DEP to develop details for replacement power in sensitivity that models a forced outage of both nuclear units at Brunswick.	Mark / Bill	COMPLETE
Rich will update the 2016 Study Scope and send out for review.	Rich	COMPLETE
Rich will distribute latest version of PWG roster. Updates should be provided directly to Rich.	Rich	COMPLETE
Orvane to send template for base resources to James and Marty.	Orvane	COMPLETE
Rich will distribute requests by 1/15 to TAG for Local Economic Studies and Public Policy Studies.	Rich	COMPLETE
James will resend Doodle polls for March, April and June PWG meetings.	James	COMPLETE