

**North Carolina Transmission Planning Collaborative
Oversight / Steering Committee (OSC)
Meeting Highlights
December 15, 2014
NCEMC Office
3400 Sumner Boulevard
Raleigh, NC
10:00 AM - 12:00 PM ET**

Marty Berland, Chair
Sam Waters
Bob Pierce
Orvane Piper
Mark Byrd
Lee Adams
Bill Quaintance
Luis Fondacci
John Lemire
James Manning
Rich Wodyka

ElectriCities
Duke Energy Carolina
Duke Energy Carolina
Duke Energy Carolina
Duke Energy Progress
Duke Energy Progress
Duke Energy Progress
NCEMC
NCEMC
NCEMC
Consultant Administrator

Administrative

- The November 13, 2014 OSC Meeting Minutes and Highlights were reviewed and approved.

OSC Items

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

- **FERC Order 1000 Report** - Sam Waters reviewed the highlights of the FERC order 1000 activities. Sam reported that the NCTPC has begun a process to update the NCTPC website information and the NCTPC documents to conform the wording to the approved local transmission planning tariff language. In that the NCTPC has been approved by FERC as the local transmission planning process, this will be the last Order No. 1000 presentation provided in the TAG meetings. Starting in 2015, the SERTP regional activity review will become part of the regular transmission study review that is provided in other NCTPC presentations.

- **NCTPC 2014 Collaborative Transmission Plan Report** - Lee Adams reported on the highlights of the 2014 Collaborative Transmission Plan Report. Lee highlighted the following 2014 economic study results to evaluate a 250 MW transfer from TVA to CPLW :
 - The first transfer limit was reached at an import level of 58 MW. Four additional import limits were reached below 250 MW transfer level, and
 - These limits represent five different transmission facilities that would have contingency overloads before the proposed 250 MW import level was reached.

Lee highlighted the following 2014 reliability study results:

- 2 DEC projects and 5 DEP projects were placed in-service,
- 2 DEP projects added (Harlowe & Piney Green),
- 1 DEP project removed (BR1-Jacksonville 230 kV),
- Total Reliability Project Costs changed from \$223M to \$209M, and
- Merger Projects Cost changed from \$67M to \$73M (Kinston Dupont-Wommack 230 kV circuit was added)

The TAG will be requested to provide any additional comments or questions on the 2014 Collaborative Transmission Plan Report to Rich Wodyka by January 6, 2015.

- **Joint Inter-regional Study Scope and Activities** - Bob Pierce reviewed the scope and related activities for the NCTPC - PJM - MISO joint inter-regional study. Bob highlighted the overall analysis that is divided into two parts - a reliability analysis and an economic analysis. Bob's presentation provides a report on the preliminary study results for both the reliability study and the economic study analysis. Bob's presentation also provides the Duke Energy perspective on the reliability study results. Both PJM and MISO will be invited to provide their perspectives on the preliminary study results as part of the TAG presentation. The final reliability and economic study results will be presented in a single report which is expected to be completed by the end of January in the new year. Once the final joint inter-regional study report is prepared, it will be sent out to the TAG stakeholders for their information and comments.
- **2015 Study Scope** - Orvane Piper led the OSC discussion on the potential 2015 study scope. 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 will consider hypothetical imports/exports scenarios. The OSC will also be requesting TAG input on any proposed economic study requests which can include proposed in, out and through transmission service scenarios.

- **MISO/Entergy Integration Operations Reliability Coordination Agreement (ORCA)** - Bob Pierce reviewed the highlights of the ORCA activities including the recent real-time constraint performance. He noted that the operations protocols remain in place and the FERC hearings to resolve the related disputed issues are continuing.
- **Regional Studies Reports** - Bob Pierce reviewed the various reports on the regional study activities.
 - For SERC, Bob highlighted the Long-term Study Group activities. The group is building the 2014 series of MMWG cases and has completed the 2014 winter MMWG model for the ERAG study. The final report for 2016 Summer study has been approved and will be publicly available with FERC 715 submittals in April 2015.
 - For CTCA, Bob reported on the study results and proposed solutions for the 2018S and 2021S jointly developed models for both the Duke Energy Progress and the Duke Energy Carolinas areas.
 - For EIPC, Bob reported the planning activities related to the linear transfer analysis and drought study report. The linear transfer analysis will identify changes in inter- regional constraints from planned upgrades that have been added to the model.
 - For SERTP, Bob highlighted that the SERTP Annual Transmission Planning Summit will be held on December 18th. The planning group will present 2014 SERTP Regional Transmission Plan at that meeting.
 - For NERC Activities, Bob reported on the implementation activities related to the new NERC CIP-014 Physical Security standards.
- **2014 TAG Work Plan** - Rich Wodyka reviewed the TAG 2014 work plan activities. He noted that all the NCTPC work activities were completed in 2014.
- **2015 TAG Work Plan** - Rich Wodyka reviewed the proposed TAG 2015 work plan. He discussed the revisions in the 2015 work plan to reflect changes from the 2014 activities.

Other Items

- **OSC Approval of 2015 PWG Chairman and Vice Chairman** - After discussion, the OSC unanimously approved James Manning of NCEMC as the new PWG Chairman, and Orvane Piper of Duke Energy Carolinas as the new PWG Vice Chairman for 2015.

- **2014 Collaborative Transmission Plan Report Press Release - Rich**
Wodyka requested that the OSC provide him with their respective company public relations representatives to assist him in the development of the 2015 press release for the 2014 Collaborative Transmission Plan. The OSC agreed to supply Rich with name and contact information for their respective public relations representatives. The NCEMC and Electricities representatives are the same as last year.

PWG Update

- All of the PWG items were covered under the TAG meeting presentations.

Future OSC Meeting Schedule

- The OSC reviewed and confirmed the following meeting schedule.

Date	Time	Location
January 15, 2015	2 PM- 4 PM	Teleconference
February 10, 2015	10 AM - 12 PM	Teleconference
March 10, 2015	10 AM - 12 PM (OSC) 1:30 PM - 3:30 PM (TAG)	TBD