

Minutes Distribution Factor Working Group

January 19, 2011 | 8 a.m. – Noon

OATI California Offices
1300 Island Drive
Suite 101
Redwood City, California

The Distribution Factor Working Group (DFWG) met on January 19, 2011 in Redwood City, California. The meeting notice and agenda are affixed as **Exhibits A and B**, respectively. Chair Jim Busbin presided and Larry Kezele announced that a quorum was present. Chair Busbin read the Notice of Public Meeting.

Attendees

Jim Busbin, Chair	Southern	Mike Colby	PJM
Hardeep Kandola	IESO	Ben Taylor	TVA
Carlos Gonzalez-Perez	OATI	Yasser Bahbaz	SPP
Neil Shah (speakerphone)	MISO	Nelson Muller	OATI
Larry Kezele	NERC	Raja Thappetaobula	MISO
Jason Davis (speakerphone)	ICTE	Mohamad Yassin	OATI
Hugh Francis	Southern	Jose Medina	OATI
Brian Strickland (speakerphone)	ICTE	LaChelle Brooks	PJM
Mike Lowman (speakerphone)	VACAR-S	David Mahlmann	NYISO
Wendy Ladd (speakerphone)	VACAR-S		

Antitrust Compliance Statement

Chair Busbin summarized the NERC Antitrust Compliance Guidelines.

DFWG Roster

The working group reviewed and revised the roster.

Distribution Factor Working Group Meeting Minutes

Mike Colby moved to approve the minutes of the March 30, 2010 meeting. The working group approved the motion.

Future Meetings

Meeting/Conf. Call	Purpose	Date
None Scheduled		

Review of Agenda

Chair Busbin reviewed the agenda and prioritized agenda items. The working group will conduct closed sessions as required.

Election of Officers

Chair Busbin informed the working group that due to a job change within Southern he must relinquish his position as chair of the DFWG. In addition, Vice Chair Howell must relinquish his position as vice chair due to his leaving Duke Energy. By unanimous consent, the working group elected Yasser Bahbaz as the working group's chair. By unanimous consent, the working group elected Ben Taylor as working group's vice chair.

Merger of IDCWG and DFWG

The working group discussed the possibility of merging the DFWG and the IDCWG. By consensus, the working group decided to pursue merging the two working groups. Larry Kezele will draft a scope for the working group's consideration.

Book of Flowgates Database Change Orders (CO)

1. CO-09 Split SPP into SPP North and SPP South

At SPP's request, CO-09 was cancelled at the IDC Working Group's October 5–7, 2010 meeting.

2. CO-10 Validate Temporary Flowgates in the Book of Flowgates

Currently, when the working group creates a new IDC base case, all permanent flowgates are imported for validation. The temporary flowgates; however, are not. Since no validation takes place in the BoF prior to the model upload and since the IDC will not allow the user to edit these temporary flowgates once the new model is in production, all temporary flowgates become invalid and are deactivated in the IDC.

The solution to this issue is to pull all temporary flowgates into the BoF for validation against the new IDC model. This will allow changes to be made to the temporary flowgates. Implementation of CO-10 allows validation of all temporary flowgates against the new IDC model through the BoF.

The working group approved CO-10 for development at its March 30, 2010 meeting. Larry Kezele reported that the costs for developing CO-10 are included in NERC's 2011 budget. By consensus, the working group requested that NERC sign CO-10, which will allow OATI to begin developing the change order.

3. CO-11 Base Case Deadline Communication

Chair Busbin reported the DFWG adopted a base case development timeline document at its meeting on October 14, 2009. The document sets deadlines, by date, for certain aspects of the model development schedule, for both monthly and seasonal model updates. Communication of these deadlines enhances the overall efficiency of the model development and update process. Communication of deadlines and pending deadlines will help avoid last minute submittals of model modifications that result in the need to perform multiple model validations.

Following the working group's October 14, 2009 meeting, Vice Chair Howell forwarded to the working group a script program that adds the deadlines to one's email calendar. Some members reported that they are using the script program with good results.

The working group reviewed the evaluation of CO-11 and discussed the continued need to develop CO-11, due to the process changes have been implemented since the change order was drafted. For example, the script program was developed and the working group exchanges emails during model building efforts. The working group decided to keep CO-11 on hold until its next meeting.

4. CO-12 Modification to the Book of Flowgate RC Ranges

Book of Flowgates CO-12 modified the range of flowgates available to each reliability coordinator. The IDC Working Group approved CO-12 for development at its August 18–19, 2010 meeting and accepted the change order as implemented at that same meeting. OATI implemented CO-12 into the BoF production environment on August 19, 2010.

5. CO-13 PJM Areas – Zones

Chair Busbin explained that for generator-to-load purposes PJM needed to model the interchange areas as PJM's historical balancing authorities (e.g., CE and AEP). However, for TLR purposes, the base case needs to model the interchange areas with the PJM marginal zones, PJM1-PJM30. In order to resolve the conflict in the base case model, a mapping file is needed that contains the generators and loads in the PJM marginal zone areas and associate them to historical balancing authorities and zones. At its October 2010 meeting, the IDC working group approved BoF CO-13 for development, contingent upon resolution of a contractual agreement regarding its funding between NERC and PJM. The IDC working group accepted BoF CO-13 as implemented, pending receipt of final testing approval from PJM before moving the change order into the production environment, at its November 30, 2010 and December 1, 2010 meeting. OATI implemented CO-13 into the GTL environment on December 14, 2010.

WebFactor Change Orders (CO)

There were no webFactors change orders to review.

Projects and Model Development

- 1. SMEPA Joint Ownership of Plum Point Generation** — Yasser Bahbaz stated that the Plum Point generation is partially owned by SMEPA. SMEPA will transfer up to 200 MWs of Plum Point generation to its balancing authority area. This transfer will not be tagged; however, there will be a capacity tag. To more accurately determine transmission impacts of SMEPA's portion of the Plum Point generation, the working group considered establishing a pseudo-tie with the Southern balancing authority, which would accurately capture flowgate impacts during a TLR Level 5 curtailment as SMEPA's NNL curtailment responsibility. SMEPA will provide unit outage data to the SDX and SPP will receive SMEPA's share of the unit output by ICCP, thus, improving the accuracy of the NNL calculation.

SMEPA also has a ten percent ownership in the Grand Gulf nuclear unit, which will be modeled using ownership factors.

Chair Busbin suggested that the Reliability Coordinator Working Group be informed of this discussion.

- 2. Flowgate Administration Reference Document** — Larry Kezele informed the working group that, at its June 2010 meeting, the NERC Operating Committee approved transitioning the Flowgate Administration Reference Document into a training document.

Chair Busbin stated that the Flowgate Administration Reference Document specifies several DFWG responsibilities. In addition, the reference document outlines Reliability Coordinator Working Group (RCWG) and Operating Reliability Subcommittee (ORS) responsibilities related to the creation and use of flowgates. Chair Busbin, Ben Taylor, and Yasser Bahbaz will draft a Flowgate Administration Training Document.

The working group discussed the creation of coordinated flowgates and market coordinated flowgates and transitioning these types of flowgates from temporary status to permanent status. Raja Thappetaobula, Mike Colby, Yasser Bahbaz, and Ben Taylor will develop a procedure for processing coordinated flowgates and market coordinated flowgates for discussion at the working group's next meeting.

- 3. Base Case Model**

- a. Base Case Model Development Timeline** — The working group reviewed and revised the base case model development timeline. Ben Taylor will update the timeline by adding 12-months to the end. In addition, he will revise and reissue the script program.

Yasser Bahbaz informed the working group that the City of Springfield, Missouri intends to become a certified balancing authority (SPRM). SPRM would like to

make this transition during the day on April 4, 2011. Carlos Gonzalez-Perez informed the working group that, when a model update is performed, all active TLRs must be terminated.

LaChelle Brooks informed the working group that on June 1, 2011 FirstEnergy is scheduled to transition from the MISO reliability area to the PJM reliability area.

- b. **CNWY and WMUC Balancing Authorities** — On January 1, 2011, the CNWY and WMUC balancing authorities transitioned from Constellation to NRG. As a result, NRG changed the balancing authority acronyms to CWAY and WMU, respectively. However, these changes were not reflected in the IDC model upload in early January. Yasser Bahbaz will follow-up with others at SPP regarding this transition.

Adjournment

The meeting was adjourned at 12:17 p.m. PST on January 19, 2011.

Submitted by,

Larry Kezele

Larry Kezele
Secretary

Larry J Kezele

From: Elizabeth Merlucci
Sent: Monday, November 08, 2010 11:41 AM
To: Larry J Kezele
Subject: MEETING: Distribution Factor Working Group (DFWG) - January 19, 2011
Importance: High



Meeting Distribution Factor Working Group (DFWG)

January 19, 2011 | Redwood City, CA

Register: <http://www.nerc.net/meetingregistrations/Committee.aspx?meetingdate=1/19/2011&meetingtype=DFWG>

Meeting Details: <http://www.nerc.net/meetings/details.asp?id=3105>

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Agenda Distribution Factor Working Group

January 19, 2011 | 8 a.m.–12 p.m.

OATI California Offices
1300 Island Drive
Suite 101
Redwood City, California

Conference – 1-866-740-1260, Pass code 5247004

Administrative

1. **Arrangements**
2. **Notice of Public Meeting** – Participants are reminded that this meeting is public. Notice of the meeting was posted on the NERC website and widely distributed. The notice included the number for dial-in participation. Participants should keep in mind that the audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.
3. **Review NERC Antitrust Compliance Guidelines (Attachment 1)**
4. **Determination of Quorum:** The rule for NERC working groups is that half of the members (that are entitled to vote) of the working group constitutes a quorum, and a motion passes if it receives two-thirds affirmative votes of the votes cast.
5. **Summary of Parliamentary Procedures (Attachment 2)**
6. **Approve and set timing for the agenda.** (Closed sessions will be conducted as required.)
7. **Review DFWG Roster (Attachment 3)**
8. **Review and approve minutes of the March 30, 2010 meeting (Attachment 4)**
9. **Election of Officers**
10. **Future meetings and conference calls.**
 - a. None scheduled.

Projects and Model Development

11. Book of Flowgates Change Orders

- a. CO-10: Validate Temporary Flowgates in the Book of Flowgates
(Status – Approved for development (**Attachment 5**)
Action: Funding approved for 2011 NERC budget.
- b. CO-11: Base Case Deadline Communication
(Status – Evaluated (**Attachment 6**)
Action: Review evaluation and approve for development.
- c. CO-12: Modification to the Book of Flowgates RC Ranges
(Status – Implemented at the request of the IDC Working Group on August 19, 2010)
Action: Information.
- d. CO-13: PJM Areas - Zones
(Status – Implemented at the request of the PJM and with the approval of the IDC Working Group on December 14, 2010 in the GTL environment.)
Action: Information.

12. WebFactor Change Orders

There are no webFactor change orders to review.

13. Flowgate Administration Reference Document – At its June 2010 meeting, the Operating Committee approved transitioning the Flowgate Administration Reference Document into a training document. The reference document is attached as (**Attachment 7**).

14. Base Case Model Development Timeline – The working group will review and revise the base case model development timeline (**Attachment 8**).

15. Member comments

16. Other