



NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

Princeton Forrestal Village, 116-390 Village Boulevard, Princeton, New Jersey 08540-5731

Distribution Factor Working Group

May 10, 2005 and May 17, 2005

Conference Call Minutes

Administrative Matters

Chairman Patrick J. Shanahan called the Distribution Factor Working Group (DFWG) conference call to order at 10 a.m. on May 10, 2005. Attendance is listed in Attachment A.

The minutes from the March 29, 2005 meeting were approved with modifications.

Chair and Vice Chair

Nominations for chair: Jim Busbin and Jason Marshall

Nominations for vice chair: Pat Shanahan

Nominations will stay open at this time. A conference call will be held to discuss the positions of chair and vice chair. Pat will help in the transitions through the summer.

This will also be discussed at the IDCWG meeting next week in Québec, since there is the possibility of DFWG being rolled into the IDCWG.

Update DFWG Scope

DFWG reviewed the current draft of the DFWG scope. The May 10, 2005 draft of the scope was approved by DFWG. This draft will be forwarded to the ORS for final review and approval at its June meeting.

IDC Summer Base Case

Summer Base Case

Pat Shanahan has requested and received the MAIN TASG case. This case was distributed and some updates have been received. Trial 2 of the case will be distributed by the end of May 10, 2005. Updates to trial 2 will be needed by May 13. The final case is scheduled to be sent to OATI on May 20, 2005. This schedule is needed based on OATI needing at least 10 days to validate the case.

This version of the model will be in PSS/E in rev 28, with the three-winding transformers modeled as two-winding transformers. A draft of this case will be sent to both OATI and MCG for testing their systems with.

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Default values are still in the base case. These values need to be corrected in the base case before it can be finalized and submitted to OATI.

Trial three of the summer base case was distributed on May 16, 2005. All should review the most recently posted file and remove and or correct the duplicate bus names and the duplicate generator names.

PSS/E Rev 28

The initial summer case will be developed in PSS/E rev 28 with three-winding transformers modeled as two-winding transformers. Updates to the model will need to have the transformers modeled as two-winding transformers. The earliest DFWG will use three-winding transformers will be the September model, but more likely the winter model.

A statement will be put on the DFWG Base Case page stating that the base case will be modeled in PSS/E rev 28, but with the transformers modeled as two-winding transformers.

Case Documentation

Pat Shanahan has requested the use of the MMWG Data Dictionary and received approval to do so, but still needs to adhere to the data confidentiality rules. The dictionary will be validated by IESO and updated by DFWG members. Common names for branches 220 kV and above and generators 300 MW and above are needed by June 1, 2005 based on the ORS motion.

Brian Nolan will distribute the 2004 Data Dictionary once it becomes available.

Flowgate Administration

Larry Kezele updated the Flowgate Administration Reference Document to match the current standards and Functional Model. DFWG reviewed the updated Flowgate Administration Reference Document.

DFWG approved sending revision 3 of the Flowgate Administration Reference Document to the ORS for final approval.

The April and May Flowgate Administration material was reviewed and approved for submission to ORS. The initial data for the June Flowgate Administration document is beginning to come in, but may not be ready for the June ORS meeting.

One-line Diagrams

Pat has distributed a list of Flowgates used for TLR in the past 2 years, and would like DFWG representatives to work on developing a map or diagram that for showing these flowgates. The initial diagrams will be limited to the permanent flowgates. It would be good to go to the ORS with some flowgate/geographical diagrams. As a diagram is developed, it should be sent to the group for review and discussion at the June 3, 2005 conference call.

Change Order 38-I (PAR control)

A modification to Change Order 38i is being drafted. This will be to create power shift factors for changing the phase shifters. This will allow for the determination of the impact a flowgate will receive when the PAR is moved.

Marginal Zone Analysis

The use of zones will be available for other RC's to use in modeling, but the use of zones by areas other than markets will need IDCWG approval at a minimum. The request will then be brought to the ORS for final approval. If an RC is planning on converting its area to zones, then an IDC Change Order will need to be drafted to notify the IDC vendor and IDCWG.

GSF/TDF Viewer Update

NERC is contracting for this system to be developed. This new viewer will replace the prior disabled GSF-TDF viewers as well as adding additional features. The new system is expected to be operational in June.

Change Order: Use Perm number for Temp Flowgates

This change order has been canceled.

Posting

The Base Case, Book of Flowgates, MUST Flowgate and subsystem files, and Minutes postings are up to date.

Next Call/Meeting

What	Date	Time	Location
Conference Call	May 17, 2005	10:00 AM Eastern for Two Hours	Conference Call/WebEx
Conference Call	June 3, 2005	3:00 PM Eastern for One Hour	Conference Call/WebEx
Conference Call	July 19, 2005	10:00 PM Eastern for One Hour	Conference Call/WebEx
Meeting	September 7–8, 2005	Half day half day	St Louis

Adjournment

The May 10, 2005 day of the conference call meeting was adjourned at Noon Eastern. The conference call meeting will resume on May 17 at 10 a.m. Eastern.

Chairman Shanahan adjourned the conference call at 11:30 a.m. Eastern on May 17, 2005.

Attendance

Name	Representing	E-Mail Address
Pat Shanahan, Chairman	ATC	pshanahan@atcllc.com
Paul Graves	FRCC	Paul.Graves@pgnmail.com
Abdur Masood	DOM	
Chi Tang	IESO	
Dan Kehoe	TVA	
Phillip Shafeei	NYISO/ISO-NE	pshafeei@nyiso.com
Dave Mabry	PJM	MABRY@pjm.com
Jim Busbin	SOCO	jybusbin@southernco.com
Don Reichenbach	VACS	dereiche@duke-energy.com
Jason Marshall	MISO	
Kannan Sreenivasachar	IESO	kannan.sreenivasachar@ieso.ca
Matt McNeece	EES	
Brian Nolan	NERC	brian.nolan@nerc.net