



NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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

Distribution Factor Working Group

April 6-7, 2004

Charleston, South Carolina

Meeting Minutes

Administrative Matters

Chairman Patrick J. Shanahan called the Distribution Factor Working Group (DFWG) meeting to order at 1 p.m. on April 6, 2004. Attendance is listed in Attachment A.

The minutes from the March 3, 2004 conference call were approved with modifications and will be posted.

IDC Base Case Status

April Based Case

The April base case has been loaded into the IDC. The implementation was delayed due to some TLR that could not be terminated at the initial scheduled cutover time. In this model update there were a few Control Areas that were decertified. One of the former Control Areas, Wheatland, will continue to be modeled as control area, due to tagging issues.

May Base Case

The May base case will need to be implemented due to the migration of Ameren from MAIN to MISO, also the ComEd marginal zones will be implemented at this time.

The Book of Flowgates will have to change for the May upload, since there will be a few new spreadsheets added to address marginal zones. Also, the Book of Flowgates and base case will need to be submitted earlier to OATI for validation and testing. The MRD flowgate page should also be cleaned up, to address the flowgates that can be used as benchmarks and test flowgates. Adding another column (in the right most column) to the page or changing the names could do this. Jim Busbin will find out if a change order is needed to address these changes. The structure of the Book of Flowgates needs to be taken into account prior to the May update process.

There are several flowgates that are identified as Lake Erie circulation flowgates. Pat will mention this at the next ORS meeting, trying to determine if DFWG can remove this identification and or flowgates. Chi will distribute a schedule for updating the Book of Flowgates.

Summer Base Case

Work Schedule for June conversion to Summer base case:

1. Chi will distribute Trial 0 of the base case by April 15, 2004
2. A second iteration will be by the end of May
3. The final version of the base case by mid May
4. The anticipated implementation date is June 1, 2004

The initial case will be developed in PSS/E Rev 28, but will be stepped back to Rev 26 until the PSS/E change order is implemented.

Conversion to PSS/E Version 28

Jim Busbin has forwarded a change order to IDCWG for evaluation. At this time the evaluation has not been returned to Jim for review.

At the last IDCWG meeting, Jim also discussed the possibility of modeling the marginal zones as zones instead of areas. It is anticipated that this would make the modeling of the base case "easier" for Chi. To have the marginal zones modeled as zones in the IDC will require a separate change order.

Flowgate Administration

Review

The April Flowgate Administration document was unanimously approved by DFWG. This will be forwarded to ORS with the December through March Flowgate Administration documents.

Posting

IDC Related Files

The most recent set of IDC related files (Base case, Book-of-Flowgates, MUST Flowgate and subsystem files) have been posted to the DFWG and CRC web site.

Minutes

The meeting minutes are up to date with the most recent approved minutes being the January minutes. The March conference call minutes will be posted soon.

Marginal Zone Analysis

The review and approval of the PJM marginal zones was assigned to DFWG by IDCWG. Dave Mabry presented the updated marginal zones that PJM is intending to implement with change order 114. These zones are similar to those previously reviewed and analyzed by DFWG. The zones can be changed fairly easily, but it would require a new base case upload. Changes to the marginal zones should be, at a minimum, reviewed by a NERC group prior to implementation.

Motion 1: (Moved: Paul Graves, Second: Ed Ruck): Endorse the updated PJM marginal zones, with the expectation that a follow up review of these marginal zones will be performed by DFWG within the next three to six months.

Vote Motion 1: Motion 1 passed by a unanimous voice vote.

The DFWG endorsement of the PJM marginal zones will be forwarded to the ORS for their consideration.

IDC Granularity Task Force White Paper

The IDC GTF will be distributing their white paper later this week. Presentations will be made at the RCWG/ORS/IS meeting later this month. Currently there is minor clean up being performed on the document. Pat Shanahan reviewed the document with DFWG, explaining the underlying principles of the documents concepts.

Option one does not include the use of counter flows, option two moves closer to using counter flows, and option three included using counter flows, but has policy implications. The use of option three also opens some doors to using real-time data, such as ICCP data.

Any additional comments on the white paper should be submitted to Pat prior to the RCWG/ORS meeting on April 20-22, 2004.

Flowgate Administration Reference Document

The latest version was forwarded to ORS. There were only minor changes to this version, removal of the MRD flowgate information. This was presented at the December meeting, but not voted on. This document has been included in the April ORS agenda package, so it is anticipated that it will be voted on at this meeting.

Documentation of IDC Modeling Processes

The latest version of the IDC Modeling Guidelines was reviewed. Different sections of the document will be assigned to DFWG members for review and update.

Areas that need to be addressed:

1. Remove references to MRD flowgates
2. Add sections that address Change Order 114
3. Add reference to the Coordinated Flowgates field
4. Incorporate changes that would be needed based on the updated Reliability Coordinators Reference Document
5. The Flowgate ranges need to be revisited by all members of DFWG; once this is cleaned up it will need to be ported to the Book of Flowgates.

Pat will make some additional modifications to the document and redistribute it for review during a conference call.

SEAMS Issue – Auditing SEAMS Data to IDC

Pat has sent a message to IDCWG requesting clarification of the DFWG role in SEAMS audits. Currently he has not received a response back, so it is assumed that DFWG role will be minimal based on some feedback from the latest IDCWG meeting.

Future Conference Calls and Meetings

What	Date	Time	Location/Topic
Conference Call	April 23, 2004	2:30-3:30 PM Eastern	
Conference Call	May 26, 2004	10:00-11:00 AM Eastern	
Conference Call	Summer Time		As needed to prepare month cases and Flowgate reporting
Meeting	August 31-September 1		St Louis, Cincinnati, Toronto

Adjournment

Chairman Shanahan adjourned the meeting at 10:45 AM on April 7, 2004.

Attendance

Name	Representing	E-Mail Address
Pat Shanahan, Chairman	ATC	pshanahan@atcllc.com
Matt McNeece	Entergy	mmcneec@entergy.com
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