



NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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

Distribution Factor Working Group (DFWG)

March 26, 2002

Conference Call Minutes

Administrative Matters

Chairman, Patrick Shanahan, called the Distribution Factor Working Group (DFWG) meeting to order at 2 p.m. EST on March 26, 2002. Representatives introduced themselves. Attendance is listed in **Attachment A**. Pat Shanahan took the minutes in the absence of Brian Nolan.

Review of Previous Minutes

The minutes from the February 27–28, 2002 meeting in Denver were approved with modifications.

New Action Items

- Members will continue Summer Base case effort
- Scott will send out an updated 10,000 Flowgate list
- Pat will get an update from Duke regarding the schedule for any new CAs
- Pat will send out the revised Flowgate Administration reports by Friday, March 29.

Base Case Status

The March 31 base case effort will include the PJM and AP control area merging, and the AECI RA change to TVA. None of the new Duke CAs were added to the model. Some may be added in future model efforts. Jon indicated the one within ECAR might not be approved as a CA until mid-June. Linda stated that EES was informed by Duke that they no longer wish to proceed with 3 new CAs within EES. The TransElect (CONS) use of MISO as their RA is pending FERC's approval (3/27) of the sale of Consumers Power transmission assets, with an effective date of April 10. Jason stated that MISO is looking at a late April implementation in the IDC. At that same time, the GRE granularity splitting will be included.

The next base case effort will be for a May 1 upload. The MISO is flexible as to the upload date, give or take a few days. One possibility is an April 26 (Friday) or April 27 (Saturday) upload.

Trial 2 of the summer base case effort (for Saturday, June 1) is expected to be out in the next couple days. Trial 3 will likely be issued before our next meeting.

Flowgate Administration

As follow-up from the previous meeting, the DFWG discussed multiple-element Flowgates 6100 and 6101. MISO indicated that Flowgate 6100 (MHEB-SPC) should be listed as a voltage stability Flowgate, and not as a thermal reliability Flowgate. The BOF should incorporate this change in its next update. On a

reevaluation, Flowgate 6100 was unanimously recommended, however, supporting detailed information would be forwarded to the RAWG for their consideration. The following excerpt from the Flowgate Administration document was found to apply:

- Authorizing Book of Flowgate changes that can unanimously be agreed upon. If DFWG cannot unanimously agree, or if they see reasons for RAWG discussions, DFWG will forward the Flowgate review to RAWG with its recommendations.

MISO stated that a MAPP review committee (with MISO oversight) is currently studying the use of multi-element Flowgate 6101 (MP_Export). This Flowgate is currently being studied by MAPP committees and will be refined based on the results of the studies. This Flowgate was requested to be permanent to keep from having to reenter it as a temporary Flowgate. MISO requests that review of this Flowgate be postponed until further study results are available. MISO feels that the results will indicate the need to create a new flowgate, with deletion of this flowgate 6101. The existing reliability Flowgate 6101 would likely only be used for informational purposes. Although unlikely, MISO indicated that they would call TLR on the Flowgate in the event other Flowgates do not provide the needed relief. On a reevaluation, Flowgate 6101 was recommended (unanimously) to remain in the BOF until further detail is provided. MISO did not have a target for completion of the studies.

Revisions were made to the draft RAWG report letter to correspond with the discussions.

Data Posting

For the Flowgate Administration effort, the DFWG will post the latest uploaded base case, the latest Book-of-Flowgates, the 10,000 Flowgate list and the MUST Flowgate and Subsystem files. The DFWG has also requested that NERC post Flowgate Change, Modification and Deletion messages similar to those sent to the DFTFFG by OATI. Brian was not in attendance to comment on the schedule for completion of that task. However, it is not expected until after implementation on E-Tag 1.7.

Status of Change Orders

The IDCWG requested further information regarding the PAR and JOU Change Orders. Their next meeting is May 1–2. The DFWG will discuss the Change Orders further at the April 24–25 meeting.

Pumped Storage

Pat and Jon discussed some of the options being considered for modeling the pumping load and generation modes. A draft Change Order and examples may be available for the April meeting. The group acknowledged that any changes would take some time (6+ months) to implement. If a desirable change can be made, the DFWG should get its recommendations out soon.

Future Meetings and Conference Calls

Meeting	April 24–25 (Wed/Thu.) New Orleans	
Conference Call	Week of May 20 th	Discussion Summer case with FG Administration

Adjournment

Chairman Shanahan adjourned the meeting at 2:45 p.m. EST on March 26, 2002.

Attendance

Name	Representing	E-Mail Address
Patrick Shanahan, Chairman	MISO/ATC	pshanahan@atcllc.com
Jon Riley	EMSC/ARTO	jhriley@aep.com
Paul Graves	FRCC	paul.graves@pgnmail.com
Chi Tang	IMO	chi.tang@theimo.com
Scott Hoberg	MISO	shoberg@midwestiso.org
Greg Campoli	NYISO	gcampoli@nyiso.com
Dave Mabry	PJM	mabry@pjm.com
Jason Marshall	MISO	jmarshall@midwestiso.org
Robert Rhodes	SPP	rrhodes@spp.org
Don Reichenbach	VACS	dereiche@duke-energy.com
Minh Callaway	VACS	npcallaw@duke-energy.com
Linda Ponseti	EES	lponset@entergy.com
Kannan Sreenivasachar	IMO	kannan.sreenivasachar@theIMO.com
George Spila	AP	gspila@alleghenypower.com