



NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL
Princeton Forrestal Village, 116-390 Village Boulevard, Princeton, New Jersey 08540-5731

Distribution Factor Task Force

January 14, 1999
Conference Call Notes

Attendance

Madison Long, Chairman	SERC	Greg Campoli	NPCC
Jonathan Riley, Vice Chairman	ECAR	William Tiller	SERC
Dave Mabry	MAAC	Lanny Nickell	SPP
Thomas Vitez	ECAR	Chi Tang	Canada
Roberto Paliza	MAIN	Conrado Caunan	NERC
Patrick Shanahan	MAIN	Brian M. Nolan	NERC

Administrative Matters

The Distribution Factor Task Force (DFTF) conference call was called to order at 10 a.m. on January 14, 1999 by Chairman Madison Long.

Update on Switch to Winter Base Case

MAIN calculated the weekly PTDF values with the winter base case. This is the first time that MAIN was creating the monthly base case. The monitoring list was updated and Roberto will send the revised list out for review. Some flowgates need to be reviewed since the bus that they are attached to did not exist.

Some of the MBASE values need to be corrected or at least reviewed. Roberto needs the Regional representatives to recommend the changes, since he does not have the authority to make changes to other Regions data. Corrections should be sent to Roberto and DFTF. MBASE should be set to PMAX in instances where the MBASE is not available. If PMAX is set to the default then the PGEN value should be used.

The next weekly PTDF calculation will be run January 20, 1999. All changes should be sent to Roberto and DFTF by January 18, 1999. If PMAX or PGEN are to be used, an e-mail message should be sent to Roberto expressing that, and the control area number should be included.

The daily process is currently scheduled to start on

Update on Book of Flowgates

Final draft due to SCS prior to their meeting January 27, 1999

The Book of Flowgates is about to become an official document. Chairman Long would like

to send the most recent document to SCS by January 20, 1999. Any additional changes should be sent to Chairman Long ASAP. Members should address the spreadsheet items highlighted in yellow (by Pat Shanahan) that may be incomplete or needing review.

Multi-element thermal flowgates

There are not many multi-element thermal flowgates in the current Book of Flowgates. The informational flowgates can be used as surrogate flowgates.

The monitor list should be included in the Book of Flowgates. This list will need to be assembled; hopefully the latest version of MUST will be able to generate the monitor list. For MUST to generate the list, DFTF will need to standardize the data format.

The DFTF has decided that the issue of approving multi-element flowgates and implementing Normalization should be handled at a higher committee level. The DFTF does not feel it is in a position to refuse multi-element flowgates that SC's may wish to submit (excluding those that may include over-counting with redundant elements).

OTDFs

PTI is no longer part of the IDC process. Chairman Long will call Lou Leffler and have him contact PTI about the requirements for completing Flowgate enhancements to the MUST program. In the mean time, the DFTF will go back to plans for a manual process of calculating OTDFs for one and two element flowgates. Chi and Roberto are working on a program/procedure to help calculate the OTDF values. More will be learned when the new release of MUST is due out later in January.

Flowgate Definition Document

There is some grammatical work that needs to be done on this document. Once the flowgates are approved then this document can be adjusted to match the flowgates.

Other Items

Surrogate flowgates

DFTF doesn't have a procedure to select a surrogate flowgate when the main flowgate is missing. Having the ability to create a surrogate flowgate on the fly is becoming important. This is more of an operating issue and not a modeling issue. DFTF is talking about an interim solution, since IDC should handle these types of situations. This issue will be discussed with the iIDC during their conference call later today. MAIN said that they recently had a TP initiate NERC TLR level 3 on a flowgate that the TP was not tagged as an owner.

Although ownership should not be violated, improvements to the process of adding new flowgates should reduce the possibility that ownership violations would occur. Use of surrogate flowgates would also decline with the improved flowgate creation process. Roberto stated that recent flowgate additions were implemented within one day. Previously, the process was expected to take at least a couple weeks.

The group discussed the creation of new flowgates. Pat Shanahan will create a short write-up on the requirements for submitting new flowgates to eliminate the reoccurring use of surrogate flowgates.

Generation shift factors

The CMTF had expressed interest in DFTF to participate in the generation shift factors.

There has not been much about this since the initial comments. CMTF has approved a pilot generation redispatch program with 14 flowgates. The FERC requirement date for implementation is March 1, 1999.

In general, DFTF needs to ensure that it is receiving its directions from one primary group.

Future Meetings

February 4, 1999	Two hours	Conference Call, 10 a.m.
February 17–18, 1999	Orlando, FL	half day half day
March 25–26, 1999	Atlanta/Charlotte/Charleston	half day half day

Assignments

- Chairman Long will inform Entergy, MAPP, and FRCC of the problems that are in the winter base case that need to be corrected.
- Chairman Long will call Lou Leffler to have him contact PTI about the requirements for completing flowgate enhancements to the MUST program.
- Chairman Long will contact David Zwergel to discuss the informational flowgates.
- Pat Shanahan will create a short write-up on the requirements for submitting new flowgates to eliminate the reoccurring use of surrogate flowgates.

Adjournment

Chairman Long adjourned the conference call at 11:30 a.m., January 14, 1999. The duration was 89 minutes and 30 seconds.