



NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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

Distribution Factor Task Force

April 27, 1999
Omni Hotel
New Orleans, Louisiana

Meeting Minutes

Attendance

Madison Long, Chairman	SERC	William Tiller	SERC
Jonathan Riley, Vice Chairman	ECAR	Charles Long	SERC
Dave Mabry	MAAC	Lanny Nickell	SPP
Thomas Vitez	ECAR	Chi Tang	Canada
Patrick Shanahan	MAIN	Brian M. Nolan	NERC
Ramon Tapia	NPCC		

Administrative Matters

The Distribution Factor Task Force (DFTF) meeting was called to order at 8 a.m. on April 27, 1999 by Chairman Madison Long. Each representative introduced himself.

The March 23–24, 1999 meeting minutes were approved with modifications.

Assignments

Brian Nolan is in the process of changing the DFTF web site. Instead of having files on the NERC site that may become outdated, links will be created to the MAIN web site for the following files: Book of Flowgates, flowgate definitions, monitored line file, and reference base case.

Mat Long contacted Larry Brusseau to correct the MAPP flowgates. After discussing the MAPP flowgates with MAPP, Mat believes that the MAPP flowgates are in good shape.

Billy Tiller completed the comparison of the new MEN/VEM summer base case versus the current winter base case and distributed the difference file prior to the DFTF meeting.

Mat Long sent a message to Mark Gravener, Chairman of the MMWG, requesting MMWG eliminate duplicate bus names and make control area designations agree with the TIS list. MMWG agreed to use unique names for buses down to 115 kV and to use the TIS list names for the control area designators. MMWG should ensure that P_{MAX}, P_{MIN}, M_{BASE}, and subtransient reactance are as realistic as possible. The P_{MAX} and P_{MIN} values are to be Net values. These values should be addressed in the 1999 modeling effort.

Book of Flowgates

The TIS list needs a place where someone can go to view the changes that have occurred since the last issuance.

Martin Matijasich sent a letter to DFTF requesting assistance with locating 13 flowgates that are being used in the Market Redispatch Pilot for the 1999 summer. After a discussion with DFTF, Chairmen Long will respond back to Martin with the flowgate ID's that he requested.

DFTF discussed an e-mail from Nelson Muller about the problem with CA-TP mapping for the IDC. Apparently, not all transmission providers in the Book of Flowgates CA-TP map are valid transmission providers in the TIS list, and several transmission providers in the TIS list are not in the map. Many of the transmission providers that did not have control areas were in either WSCC, ERCOT, or FRCC. A few of the transmission providers that did not have control areas were also in NPCC. The control areas that did not have transmission providers were also mostly in WSCC, ERCOT, or FRCC.

The comparison of the DFTF Book of Flowgates showed that many of the CA-to-CA flowgates that DFTF removed as duplicates are still in the MAIN Book of Flowgates. On June 1, the Book of Flowgates needs to be correct and match those in the base case. Currently, the majority of the differences are in the CA-to-CA section and many of these were flowgates that were removed because they were duplicated.

Many have requested that rationales for the flowgate be added to the Book of Flowgates. When a new flowgate is requested the rationale should accompany the new flowgate. Many of the reliability flowgates are thermal limits. For the current multi-element flowgates the rationale for the flowgate needs to be more descriptive as to why they are in the Book of Flowgates.

A Book of Flowgates needs to be created for the summer base cases.

1999 Summer Base Case Implementation

Chi Tang distributed the summer reference case and Billy Tiller distributed the difference file. All of the Entergy bus numbers changed.

All flowgates, including any new OTDF Flowgates, should be run against the summer base case by May 14. An updated Book of Flowgates, based on the summer case, should be sent to OATI as soon as possible after May 14.

Chi is waiting on two new inputs to the base case, one is the revised SPP model and for all of the DFTF representatives to send an exclusion file for the participation list. If no changes are to be made to a Regions exclusion list, a message stating such should be sent to Chi.

Flowgate Approval

Tom Vitez discussed the latest version of the flowgate addition/deletion/modification procedures.

Officially, SPSSTF would have to approve the flowgates, but they have a lot of items on their agenda. It might be a better process to have just the contentious flowgates presented to SPSSTF for review and approval.

The flowgate request form may be an on-line request that OATI would implement for the IDC. OATI may also have an audit log for recording changes, additions, and deletions.

One proposal for the approval process is:

If the DFTF approves the flowgate it then goes into the IDC database and SPSSTF will be given a notice of what has been added with a unanimous vote. If there is a split vote (in favor or against or a unanimous no) then those flowgates would be sent to SPSSTF for their review and vote. If SPSSTF takes no action on that flowgate, the vote would default to the DFTF vote. The other action would be for the SPSSTF to vote on the proposed flowgate and either affirm or overturn the DFTF vote.

TPF Calculations

Pat Shanahan will have more on the TPF calculations at the next meeting. Many members gave Pat transfers that they would like to see factors for.

Modeling Guidelines/Procedures Documents

These documents may need to be more generalized to accommodate the changes that have gone on since the inception of the DFTF. The main change is that OATI has taken over much of the process.

Other Issues

Review Action Items

- All are to review their flowgates to ensure that the ones that are supposed to be in the Book of Flowgates are there.
- Charles Long will review the AECI flowgates. Mat Long will review the Duke flowgates.
- Lanny and Charles will coordinate the modifications that are needed to accommodate AECI in the SPP model.
- Mat Long will correct the control areas based on the TIS list.
- Mat Long will check to see where generation deratings stand based on possible implementation.
- Mat Long will ask the SPSSTF about the approval process for flowgates.
- Mat Long will try to generalize the Modeling Guidelines/Procedures Documents.
- Mat Long will revise the flowgate definition document.
- The preliminary summer base case will be put on the MAIN web site.
- All are to update their flowgates to match the summer base case.
- All are to review the Flowgate Definition document that Mat Long will distribute.

Future Meetings

May 24–25, 1999

Little Rock

noon to noon

Adjournment

Chairman Long adjourned the meeting at 3 p.m. on April 27, 1999.