



NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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

Distribution Factor Working Group (DFWG)

April 24–25, 2002
New Orleans, Louisiana

Meeting Minutes

Administrative Matters

Chairman Patrick J. Shanahan called the Distribution Factor Working Group (DFWG) meeting to order at 1 p.m. on April 24, 2002. Attendance is listed in **Attachment A**.

The minutes from the February 27–28, 2002 meeting and the March 26, 2002 conference call were approved with modifications.

Action Items

- Jason will draft some text for the Base Case Reference Document on validating data sources
- Brian will look into who is responsible for correcting errors on the system flows page/FIST and what are the DFWG responsibilities for this.
- Brian will verify that the Registry changes have been made for First Energy, Duquesne, and MECS.
- Brian will have the DFTF-FG list server renamed DFWG-FG.
- Brian to report on getting the temporary flowgate definitions posted to the CRC web site.

Base Case Status

Summer Model

Schedule for 2002 Summer IDC Model— as of April 22, 2002

The schedule for the implementation of the Summer 2002 IDC model was discussed.

Pat has contacted MAIN about identifying a member to provide base case updates. Consumers Power will be part of MISO for the summer base case (not May 1). There are a few remaining changes to be done for First Energy, Duquesne, and MECS to the Registry. If this isn't completed correctly, this will delay the May 1 base case upload. Jon has taken care of the BOF changes for First Energy and Duquesne. Jason has taken care of the BOF changes for MECS.

GRE Changes

Great Rivers has received approval from the ORS to split into three areas for granularity purposes. There is still an issue about how to handle the NNL calculation. Julie Novacek is working with OATI to make sure that this is handled correctly. This change will be delayed until June 1, 2002.

New Duke CAs

Pat has requested the implementation date for the new Duke control areas. Currently these units will not be modeled in the May base case. These units will be modeled in the summer base case, but not as control areas. To be modeled as generation only control areas, ORS would need to approve them. The next ORS meeting is June 4, so it is not realistic for these units to be generation control areas in the June model.

Base Case and Book of Flowgates Updates

The data that is being sent to update the base cases and BOF are to be submitted by the Reliability Authority that has the responsibility for that area. When changes are submitted to Kannan, it would be a good idea to include a brief description of the changes being made and to carbon copy DFWG. Jason will draft some text for the Base Case Reference Document on validating data sources.

There may be new facilities in the summer model that will not be in service on June 1. As a reminder, SDX data should be used to turn those facilities off until such time they go into service.

A new Dynegy-owned plant (Foothill) will be located adjacent to the current Dynegy Riverside plant. Like Riverside, this unit will be radially connected to the (AEP) Baker 345 kV bus and will receive CA services from IP. This unit is expected in service prior to June 1. Jon believes that the output from this plant, like Riverside, will be tagged IPRV. Since from the standpoint of the Eastern Interconnection, this is no different than adding units to the existing Riverside facility, Jon requested a change to the base case model change prior to discussion within the DFWG or with others at NERC.

Flowgate Administration

The May Flowgate Administration effort was reviewed. There were two new flowgates that will be added, two flowgates that need to be removed, and three flowgates that were changed. There were 79 flowgates that were remapped due to the MECS and Allegheny change.

The May Flowgate Administration effort was approved unanimously. Pat will distribute the modified document and letter before sending it to the RAWG.

Posting

The base cases, BOF, and MUST files have been posted on the secured web site. The temporary flowgates have also been posted on a new link to the DFWG.

Temporary Flowgate

Brian will be working with NERC's IT staff to develop a plan for an automated posting of the temporary flowgates on the new Temporary Flowgate web site.

Posting Draft Files to DFWG Private Files

Brian has been working with NERC's IT staff to figure out the best way to implement a secured upload/download site. The upload could be limited to a few members or the entire DFWG, but download will be available to DFWG.

Status of Change Orders

George will be attending the upcoming IDCWG meeting. Robert will not be attending that meeting. George will attempt to bring some of the DFWG issues to the IDCWG.

PAR Modeling

The current status of this change order is not known. There were some questions raised by IDCWG that were distributed to DFWG. These questions need to be answered prior to implementing this change order.

Once this change order is implemented, the status of the PARs (regulating or not regulating) would need to be submitted to the IDC. The status could be updated or changed through the SDX system. With the current SDX there will not be changes or additional formats to the system. If this is to be included in the new SDX, it may require a SDX change order, since the RFP for the new system has already been distributed. Changes to the SDX would include the PAR Schedule, control mode, and tap position. Changes to the IDC would also be needed.

Robert will make the adjustments to the Change Order and redistribute it to DFWG. This will then be submitted for evaluation.

Joint Owned Unit TDF Calculations

There are two different ways to report Joint Owned units, one would use pseudo ties, allowing the owners to have control of their part, and the other way is to dynamically schedule units in pseudo control areas, putting the entire unit in one area. Pat responded to questions that were raised by IDCWG on this change order. The current status of this change order is not known.

The modified change order will be resubmitted to IDCWG for evaluation.

Pumped Storage

The idea being explored would take advantage of the SDX data to switch the pumped storage units from a generator to a load. This would allow the IDC to pick the unit up on the load data for NNL calculation.

George will discuss this with IDCWG. Pat will develop some more examples to define the problems before any ideas are formally passed on to other NERC Committees. DFWG will hope to have a proposal to ORS by their June meeting.

Other Items

RAWG

As noted in the RAWG minutes and agenda, Variable Thresholds (9C1A) is postponed for 1 year (Sept 02) until RTO congestion methods are reviewed. The variable threshold method was originally proposed by the DFTF.

Granularity

The ORS has approved West Plains granularity (pseudo CA).

The ORS has approved GRE granularity. Their minutes did not mention NNL issues that must be addressed (MISO/OATI) before implementation.

Future Meetings and Conference Calls

Conference Call	April 29 or 30 at 2 p.m.	Finalize Pumped Hydro Suggestion IDCWG
Conference Call	May 22 at 2 p.m. EDT	June base case and FG Administration
Conference Call	June 19 at 2 p.m. EDT	July base case and FG Administration
Conference Call	July 24 at 2 p.m. EDT	August base case and FG Administration
Conference Call	August 21 at 2 p.m. EDT	September base case and FG Administration
September 17–18, 2002	Baltimore, Boston, St Louis	Meeting noon to noon

Flowgate Administration issues need to be processed on a monthly basis. It has been suggested to hold a conference call or meeting each month on the week after case data is due.

Adjournment

Chairman Shanahan adjourned the meeting at 11 a.m. on April 25, 2002.

DFWG Attendance List
April 24–25, 2002

Name	Representing	E-Mail Address
Patrick Shanahan, Chairman	ATC	pshanahan@atcllc.com
Jon Riley	EMSC/ARTO	jhriley@aep.com
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