



## **NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL**

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

### **Distribution Factor Working Group (DFWG)**

November 1, 2002

### **Conference Call Minutes**

#### **Administrative Matters**

Chairman Patrick J. Shanahan called the Distribution Factor Working Group (DFWG) conference call to order at 10 a.m. on November 1, 2002. Attendance is listed in **Attachment A**.

The minutes from the September 26, 2002 conference call were approved with modifications.

#### **IDC Base Case Status**

##### *November (MDU, EKPC changes, new lines)*

The November base case has been submitted to OATI for validation. This base case has not been loaded as of today. Chi Tang has distributed to the list server the changes that were made to this case.

The last case loaded was the July case. The November case includes all unloaded changes since then.

The EKPC Reliability Coordinator change will not take effect until the winter case.

##### *Winter (December)*

Chi distributed Trial 1 of the winter base case. All changes received thus far are in the process of being incorporated into Trial 2. Chi expects to distribute Trial 2 by the end of next week.

To accommodate the increasing size of the base case and the number of zero impedance busses, Chi moved the base case to the 80,000-bus version of PSS/E. This should not affect OATI since they are using their own software.

This base case is to be loaded in December.

#### **Flowgate Administration**

The draft November Flowgate Administration workbook was reviewed. Modifications were made which will be incorporated into the report to the ORS. Pat will send out a revised spreadsheet and report letter. Unless further comments are provided, the November Flowgate Administration will be considered approved by the DFWG.

#### **MMWG Coordination Issues**

MMWG is planning to try and get the MMWG models up to speed with the NERC Registry. The biggest problem is that the existing control areas do not have contractual obligation to administer the ancillary

services. Therefore, they are modeling these independent power producers or merchant units in their own control areas.

To ensure that the IDC is as "accurate" as possible, these additional control areas should be rolled into the transmission control area.

### **OATI PAR Modeling Change Order (CO-38H)**

The DFWG discussed IDC Change Order 38 H (CO-38H). The DFWG agreed that CO-38H would be an acceptable replacement for the original CO-38, but it does not include some of the partial phase shifter modeling issues addressed in CO-94. The group had some recommended changes to the wording of CO-38H. The equations on page 2 need clarification. Chi and Pat will work on revisions and send out to the group. The IDCWG would like a response before their conference call on November 7. The DFWG set aside a time on Tuesday, for a follow-up call if needed. The CO-38H changes are considered needed for January 2003.

Features in CO-94, that are not included in CO-38, are considered important. The group felt that a revised CO-94 would be required. The CO-38H does not appear to be in conflict with the added features needed for CO-94(revised). The group will work on a revised CO-94, possibly via emails or at the November meeting. The CO-94 is considered needed for a June 2003 implementation.

The group does not think the revised CO-38 addresses CO-94 issues. The costs associated with CO-38H should be reviewed, since CO-38 was considered to be part of the original IDC specification.

### **Future Meetings and Conference Calls**

Nov 5, 2003	Conference Call at 2 p.m. Eastern	If needed
Nov. 19–20, 2002	Meeting noon-to-noon	Tampa
Feb. 25–26, 2003	Meeting noon-to-noon	Location TBD

### **Adjournment**

Chairman Shanahan adjourned the conference call on November 1, 2002 at 11:15 a.m.

## DFWG Attendance List

November 1, 2002

<b>Name</b>	<b>Representing</b>	<b>E-Mail Address</b>
Patrick Shanahan, Chairman	ATC	<a href="mailto:pshanahan@atellc.com">pshanahan@atellc.com</a>
Nelson Burks	VACN	<a href="mailto:nelson_burks@dom.com">nelson_burks@dom.com</a>
Jon Riley	EMSC	<a href="mailto:jhriley@aep.com">jhriley@aep.com</a>
Matt McNeece	Entergy	<a href="mailto:mmcneec@entergy.com">mmcneec@entergy.com</a>
Chi Tang	IMO	<a href="mailto:chi.tang@imo.com">chi.tang@imo.com</a>
Wendy Ladd	VACS	<a href="mailto:wtladd@duke-energy.com">wtladd@duke-energy.com</a>
Ed Ruck	MAIN	<a href="mailto:ehr@maininc.org">ehr@maininc.org</a>
Jason Marshall	MISO	<a href="mailto:jmarshall@midwestiso.org">jmarshall@midwestiso.org</a>
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Jim Busbin	Southern	<a href="mailto:jybusbin@southerco.com">jybusbin@southerco.com</a>
Robert Rhodes	SPP	<a href="mailto:rrhodes@spp.org">rrhodes@spp.org</a>
Dan Kehoe	TVA	<a href="mailto:djkehoe@tva.gov">djkehoe@tva.gov</a>
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