

Minutes Distribution Factor Working Group

June 3, 2009
Park Hyatt
4 Avenue Road
Toronto, Ontario

The Distribution Factor Working Group (DFWG) met on June 3, 2009 in Toronto, Ontario. The meeting notice and agenda are affixed as **Exhibits A** and **B**, respectively. Chairman Jim Busbin presided, and Larry Kezele announced that a quorum was present.

Attendees

Jim Busbin, Chairman	Southern	Mona Soliman	PJM
Hardeep Kandola	IESO	Phillip Shafeei	NYISO
Carlos Gonzalez-Perez	OATI	Yasser Bahbaz	SPP
Vic Howell, Vice Chairman	VACAR-S	Jason Davis	ICTE
Larry Kezele	NERC	Dede Subakti	MISO
Phillip Shafeei	NYISO	Mohamad Yassin	OATI
Neil Shah (via speakerphone)	MISO	Cheryl Mendrala	ISO-NE
Ben Taylor (via speakerphone)	TVA		

Antitrust Compliance Statement

Chairman Busbin summarized the NERC Antitrust Compliance Guidelines.

DFWG Roster

The working group reviewed and revised the roster.

Distribution Factor Working Group Meeting Minutes

Vice Chairman Howell moved to approve the minutes of the January 6, 2009 meeting. The working group approved the motion. Vice Chairman Howell moved to approve the minutes of the February 3, 2009 conference call meeting. The working group approved the motion.

Future Meetings

Meeting/Conf. Call	Purpose	Date
DFWG Meeting	Regular Meeting	October 14, 2009 (8 a.m.–12 p.m. MDT) in Las Vegas, NV

Review of Agenda

Chairman Busbin reviewed the agenda and prioritized agenda items. The working group will conduct closed sessions as required.

DFWG Charter

Larry Kezele reported that the Operating Reliability Subcommittee approved the revised working group charter at its February 2009 meeting.

The working group discussed the pros and cons of combining the IDCWG and the DFWG. Chairman Busbin tasked Mr. Kezele to draft a charter for review by the officers of the IDCWG and the DFWG.

Projects and Model Development

1. **Book of Flowgates** — There are no Book of Flowgates change orders for the working group's consideration.
2. **Flowgate Administration Reference Document** — Chairman Busbin stated that the Flowgate Administration Reference Document specifies several DFWG responsibilities. In addition, the reference document outlines Reliability Coordinator Working Group and Operating Reliability Subcommittee responsibilities related to the creation and use of flowgates. The working group suggested reformatting the reference document to become a training guide. Chairman Busbin and Vice Chairman Howell will draft the training guide for working group review.

Larry Kezele reported that the Operating Committee charged its Reliability Fundamentals Working Group with reviewing the status of the committee's legacy documents. Chairman Busbin will contact the RFWG chair to discuss the working group's thoughts regarding the Flowgate Administration Reference Document.

3. **Two-Year Work Plan** — Chairman Busbin explained that the Operating Reliability Subcommittee has requested each of its working groups to develop a two-year work plan. He suggested the work plan include the preparation of the winter and summer seasonal IDC models, monthly updates to the seasonal model, and maintenance responsibilities for the Book of Flowgates database system. By unanimous consent, the working group approved the two-year work plan.
4. **Base Case Model**
 - a. **Timing of Implementation** — The working group discussed the notification process of IDC model updates. Ben Taylor suggests notification one day prior and another notification by noon EPT the day of the model update. The last notification would include potential issues related to the model upload so that, if there is a need, applicable

groups can plan to monitor email throughout the evening to ensure they are aware when this change will occur.

In addition, Chairman Busbin suggested that OATI send its email distribution list for base case upload notifications to Larry Kezele for further distribution to the working group.

Chairman Busbin and Vice Chairman Howell will draft a time line for the development and implementation of monthly and seasonal IDC base cases. In addition, the working group recognized the need to coordinate changes to the Book of Flowgates with changes to the IDC base case model updates.

- b. **Monthly IDC Base Case Updates** — The working group discussed making the monthly base case updates (i.e., the IDEV files) available for download on the IESO ftp site. This would allow working group members to monitor topology changes in neighboring reliability coordinator's reliability areas. IESO will add this element to its base case development process.
- c. **Implementation of Seasonal Models** — The working group considered implementing the seasonal models one month earlier than is currently done. For example, the working group would target implementation of the summer model in May instead of June and implementation of the winter model in November instead of December. Because of possible implementation issues on working group member's internal processes, Chairman Busbin suggested the working group discuss this topic at a future meeting.

5. **SaskPower Island Falls Pseudo Balancing Authority** — Dede Subakti discussed the creation of a pseudo balancing authority for the SaskPower Island Falls generation (**Attachment C**). Mr. Subakti reported that MISO, SaskPower and Manitoba Power support the formation of the Island Falls pseudo balancing authority. MISO drafted IDC CO-290 to support implementation of the Island Falls pseudo balancing authority. Neil Shah moved to support the formation of the Island Falls pseudo balancing authority in the IDC model. The working group approved the motion.

6. **Member Comments**

- a. **Flowgate User Updates** — Mona Soliman stated that conversion to the summer model created the need to review and revise several flowgates within the Book of Flowgates (BoF). Ms. Soliman suggested that the BoF allow for changes to multiple flowgates and acceptance of all changes at one time. Ms. Soliman and OATI will develop a BoF change order to address this issue.
- b. **Flowgate Ranges in BoF** — Neil Shah reviewed the flowgate ranges currently assigned to each reliability coordinator and suggested assigning un-assigned flowgate numbers to specific reliability coordinators. Neil Shah moved to assign the flowgate range 3800–3899 to MISO. The working group approved the motion. OATI will draft BoF CO-06 to document the revised flowgate range assignments and will implement this change as soon as practicable.

Adjournment

The meeting was adjourned at 12:02 p.m. EDT on June 3, 2009.

Larry Kezele

Larry Kezele
Secretary

Larry J Kezele

From: Iryn Gamolo [Iryn.Gamolo@nerc.net]
Sent: Friday, May 01, 2009 2:16 PM
To: Iryn Gamolo
Subject: ANNOUNCEMENT: DFWG Meeting - June 3, 2009
Importance: High



Meeting Announcement: Distribution Factor Working Group

June 3, 2009 | Toronto, ON M5R 2E8

Registration: <http://www.nerc.net/meetingregistrations/Committee.aspx?meetingdate=6/3/2009&meetingtype=DFWG>

Meeting Group and Dates	
Group Name	Distribution Factor Working Group
Dates	6/3/2009 8:00:00 AM 12:00:00 PM
Meeting Location	
Meeting Location	Park Hyatt
Address	4 Avenue Road
City	Toronto
State	ON M5R 2E8
Phone	416 925 1234
Fax	
Cut Off Date	5/15/2009
Attending Staff	
Staff	Larry Kezele
Miscellaneous	
Notes	<p>PLEASE CALL THE HOTEL DIRECTLY TO BOOK RESERVATIONS</p> <p>Hotel Location- map</p> <ul style="list-style-type: none"> • Room Block Code: NERC • Room rate: \$199 CAD single/double occupancy • Room block: Nights of June 2-3, 2009 - There are limited amount of rooms available • Check-in: 3 p.m., Check-out: noon • Check with the hotel directly for early cancellation/departure fees • Hotel cut off date: May 15, 2009 NOTE: After the cut off date the hotel will release this block of rooms and only accept reservations on a space-available basis at the prevailing room rate • Dress code: Business casual

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 You are currently subscribed to dfwg_plus as: larry.kezele@nerc.net
 To unsubscribe send a blank email to leave-dfwg_plus-89806A@listserv.nerc.com ---
 You are currently subscribed to dfwg_plus as: larry.kezele@nerc.net
 To unsubscribe send a blank email to leave-dfwg_plus-89806A@listserv.nerc.com

6/11/2009

Agenda Distribution Factor Working Group

June 3, 2009 | 8 a.m.–12 p.m.
Park Hyatt
4 Avenue Road
Toronto, Ontario

Administrative

1. Arrangements
2. Review NERC Antitrust Compliance Guidelines (**Attachment 1**).
3. Determination of Quorum: The rule for NERC working groups is that half of the members (that are entitled to vote) of the working group constitutes a quorum, and a motion passes if it receives two-thirds affirmative votes of the votes cast.
4. Summary of Parliamentary Procedures (**Attachment 2**).
5. Approve and set timing for the agenda. (Closed sessions will be conducted as required.)
6. Review DFWG Roster (**Attachment 3**).
7. Review and approve minutes of the January 6, 2009 meeting (**Attachment 4**).
8. Review and approve minutes of the February 3, 2009 meeting (**Attachment 5**).
9. Future meetings and conference calls.
 - A. None scheduled.

Projects and Model Development

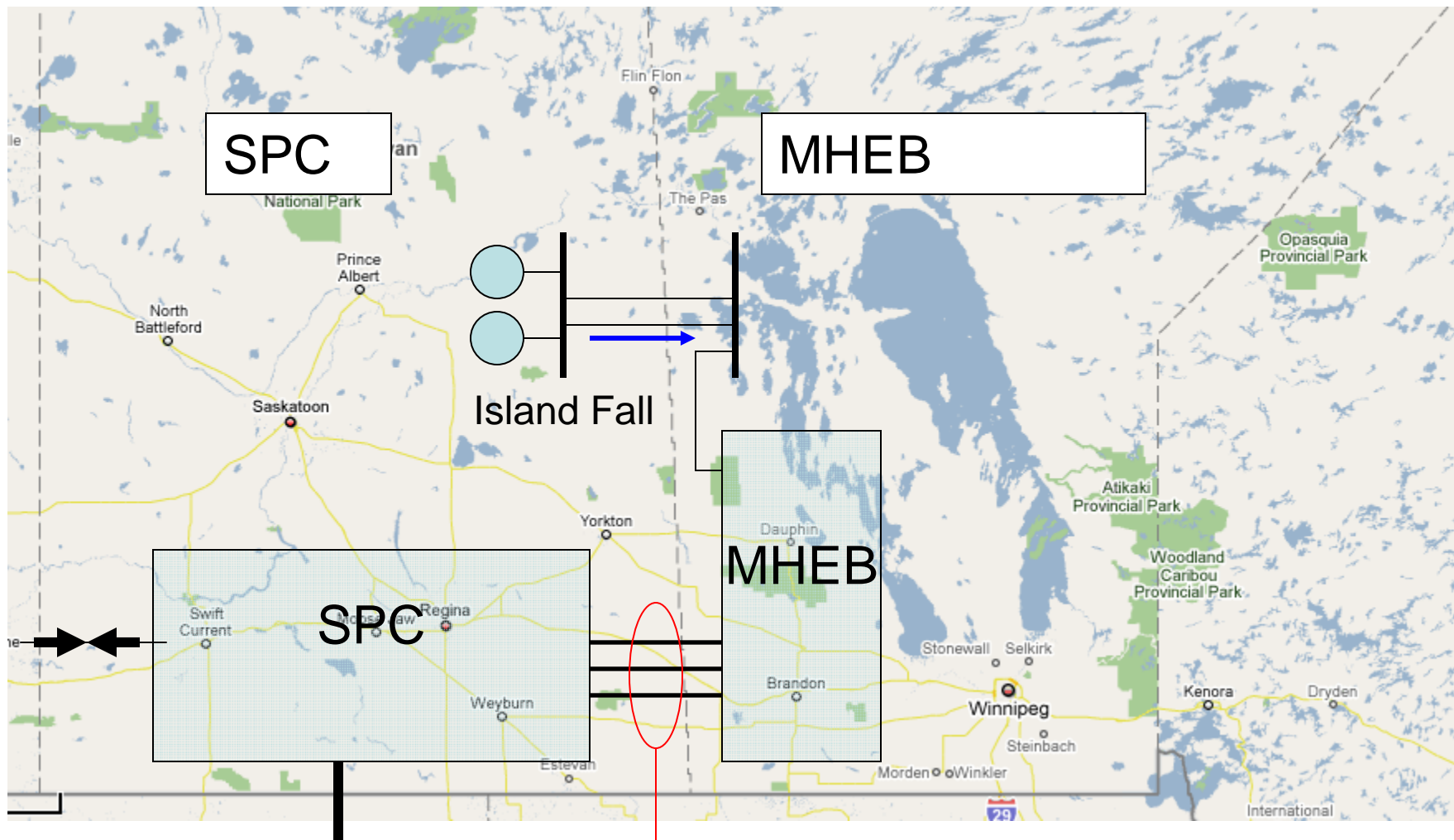
1. Book of Flowgates Change Orders – There are no change orders in the queue for consideration.
2. Reference Document Review — The working group will review and revise the Flowgate Administration Reference Document (**Attachment 6**).
3. Two-Year Work Plan — At the request of the Operating Reliability Subcommittee, the working group will develop a 2-year work plan for presentation to the subcommittee.

4. Base Case Model
 - A. Timing of Implementation – The working group will discuss the notification process of IDC model updates. Ben Taylor suggests notification one day prior and another notification by noon EPT the day of the model update. The last notification would include potential issues related to the model upload so that, if there is a need, applicable groups can plan to monitor email throughout the evening to ensure they are aware when this change will occur.
 - B. Monthly IDC Base Case Updates – The working group will discuss making the monthly base case updates available for download on the IESO ftp site. This would allow working group members to more easily monitor topology changes in neighboring reliability coordinator’s reliability areas.
5. SaskPower Island Falls Pseudo Balancing Authority – Dede Subakti will discuss the creation of a pseudo balancing authority for the SaskPower Island Falls generation.
6. Member comments.
7. Other.

Island Falls Pseudo BA



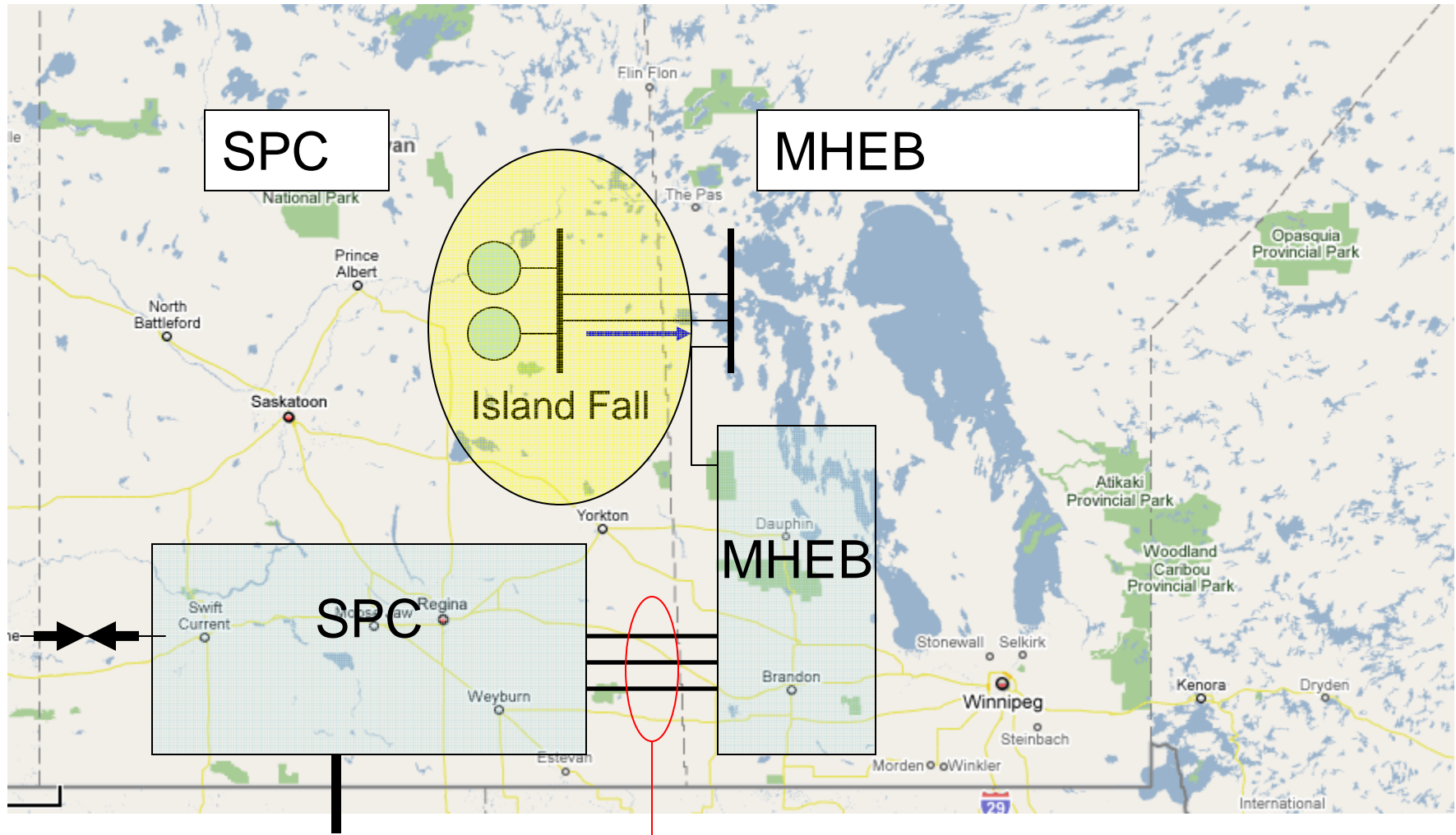
System Configuration



Current Practise

- Island Falls Generation is Tagged as
 - SPC_#####_SPC
 - Ultimate source of this tag is within SPC
 - Ultimate sink of this tag is within SPC
- IDC calculate TDF as $\text{Source}_{\text{TDF}} - \text{Sink}_{\text{TDF}}$
- Therefore TDF = 0 for any FG including FG6100

Pseudo BA Proposal



Pseudo BA

- SPIF- SPC Island Fall Pseudo BA in IDC Model
- It will be Generation only Pseudo BA
- Tag will be created for generation between SPC_####_SPC (no change in tag)
- Source Point (POR) will be SPIF
- IDC would look at the source point of SPIF
- Therefore TDF should be 100% for FG6100