

RTO West
CONGESTION MANAGEMENT WORK GROUP MEETING
 On June 19, 2000
 (CM WG03)

RTO West at 5933 NE Win Sivers Dr.
 Portland and Telephone Conference Call
 9:30am – 4:00 pm

Work Group Meeting Summary
Version 2 – June 25, 2000

Attendees (32 attendees, 2 by telephone):

John	Anasis	BPA-TLB	360-418-2263	jganesis@bpa.gov
Don	Badley	NWPP	503-464-2805	don.badley@nwpp.org
Ray	Brush	Montana Power	406-497-4278	rbrush@mtpower.com
Warren	Clark	Avista Corp	509-495-4186	wclark@avistacorp.com
Robin	Cross	Snohomish PUD	425-783-8481	rhcross@snopud.com
Angela	DeClerck	BPA-PBL	503-230-3886	ardeclerck@bpa.gov
Chuck	Durick	Idaho Power Company	208-388-2450	cdurick@idahopower.com
Tom	Foley	Renewable NW Project	503-288-0973	tjfoley@teleport.com
Brian	Gedrich	VANPS/GDS	770-425-8100	briang@gosassoc.com
Wally	Gibson	Northwest Power Planning	503-222-5161	wgibson@nwppc.org
David	Hackett	KEMA Consulting	503-258-0187	dhackett@kemaconsulting.com
Dave	Hoff	Puget Sound Energy	425-462-3716	dhoff@puget.com
Steve	Huhman	Southern Energy Marketing	925-287-3120	steve.huhman@southernenergy.co
Coe	Hutchison	Snohomish PUD	425-783-8297	cmhutchison@snopud.com
Carl	Imparato	Power Marketers	510-558-1456	cfi1@tca-us.com
Larry	Nordell	Montana DEQ	406-444-6757	lnordell@state.mt.us
Arne	Olson	WA DCTED	360-956-2022	arneo@ep.cted.wa.gov
Ren	Orans	Energy & Environmental	415-391-5100	ren@ethree.com
John	Orr	Reliant Energy	713-707-3490	john_r_orr@reliantenergy.com
Rick	Paschall	Pacific NW Generating Coop	503-288-4870	rpaschall@pngc.com
Christine	Philipps	Engage Energy	425-990-4717	christine.philipps@engageenergy.co
Dennis	Phillips	BPA-PBL	503-230-5062	dwphillips@bpa.gov
Chris	Reese	Puget Sound Energy	465-462-3055	creese@puget.com
Mike	Ryan	Portland General Electric	503-464-8793	mike_ryan@pgn.com
Brian	Silverstein	BPA-TBL	360-418-8678	blsilverstein@bpa.gov
Rob	Sirvaitis	Power Resource Managers	360-693-8484	rsirvaitis@prmlp.com
Barney	Speckman	KEMA Consulting	503-258-0475	bmspeckman@aol.com
Jim	Tucker	Deseret G&T Co-operative	801-619-6504	jtucker@deseretgt.com
Rick	Vermeers	Avista Corp.	509-495-8057	rvermeers@avistacorp.com
Steve	Walton	Enron	713-345-7793	steve.walton@enron.com
Steve	Weiss	NW Energy Coalition	503-393-8859	steve@nwenergy.org
Linc	Wolverton	Industrial Customers of NW	360-263-3675	lwolv@worldaccessnet.com

Calendar:

May 24, 2000	Kick-Off Meeting for WG (Meeting #1)-Complete	RTO West Facility
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June 6-7, 2000	Congestion Management Workshop Complete	RTO West Facility
June 12	CM WG Meeting #2 (9:30am – 4 pm) Complete	RTO West Facility
June 19	CM WG Meeting #3 (9:30am – 4 pm) Complete	RTO West Facility
June 26-27	June 26 - Joint CM /AS WGs Meeting (9am - 5pm)	RTO West Facility
	June 27 – CM WG Meeting (8:30am – 4pm)	RTO West Facility
July 10-11	CM WG Meeting #5	RTO West Facility
July 17-18	CM WG Meeting #6	RTO West Facility
July 24-25	CM WG Meeting #7	RTO West Facility
July 31-August 1, 2000	CM WG Meeting #8	RTO West Facility

Note: Assignments below include new, open, in-progress and closed (closed last meeting but report in these minutes). Assignments closed prior to last meeting and previously reported in the minutes have been deleted.

Assignments (Includes Action Items) from June 19 Work Group Meeting:	Status
1. Team #1 to clean up the list of constrained paths (flowgates), define the rationale for the path being on the list (e.g.; existing operational procedures, % loading by time, historical usage, etc.) and identify the constrained lines by name if not previously identified. The goal is to complete this assignment by the June 27, next meeting of the CM WG {See assignment 1}.	In progress
2. Brian Silverstein offered to investigate if he could find someone to perform flowgate analysis studies for the WG. (due 6/27)	New
3. Each WG member is to identify several generator and load withdrawal point within each area modeled.	New
4. Team #2 agreed to update draft document to incorporate the topics discussed {See assignment 3}.	In progress
5. Flow distribution factors to be created to enable CM WG to proceed with determining the commercial viability of the flowgate model (including methods for creating zones, effect of ignoring FDFs less than a threshold, and effects of holding FDFs constant)	Not assigned yet, pending outcomes of #2 and #3.
Assignments (Includes Action Items) from June 12 Work Group Meeting:	Status
1. Team #1 formed to define a list of candidate flowgates and the reason selected.	Draft completed
2. Team #2 formed to define the criteria to address stability of FDF and derating of flowgate rights.	Draft completed
3. C. Imparato to distribute papers from DSTAR and CAISO on approaches to define flowgates and zones.	CAISO draft available at the 6/19 meeting but not discussed.
4. Team #3 formed to define a strawman for a Physical rights model.	Closed, Draft issued
5. Team #4 formed to define a strawman for a Financial rights model	Closed, Draft issued
Assignments (Includes Action Items) from May 24 Work Group	Status

Meeting:	
2. Deanna Phillips volunteered to be the WG liaison with NERC CM activities.	Ongoing

Summary of Consensus (Decisions Made):

None

Highlights of Meeting by Agenda Topic

Agenda topic 1 - Introduction / Finalize Agenda

The agenda was accepted as drafted.

Agenda topic 2 - Report/Discussion by Team #1 (Flowgates candidates)

Three flowgate candidate lists (distributed via the email alias and handouts available at the meeting) were reviewed with the goal to consolidate into one list. In the process of discussing the list several topics were discussed.

Flowgates are unidirectional so bi-directional constrained paths will be defined as two separate flowgates. Firm Transmission Rights (FTRs) would be associated with a flowgate and if no flowgate then no FTRs are defined.

At several locations in the current system there are path constraints that exist much of the time (e.g.; south of Puget). This naturally led to the next agenda topic that covers FTRs, establishment of FTRs and the degree of stability in the FDF (flow distribution factors).

At the end of the session, a single first pass list was defined. Team #1 will clean up the list of constrained paths (flowgates), define the rationale for the path being on the list (e.g.; existing operational procedures, % loading by time, historical usage, etc.) and identify the constrained lines by name if not previously identified. The goal is to complete this assignment by June 27, next meeting of the CM WG {See assignment 1}.

The next discussion covered running studies to determine the significance of the flow distribution factors (FDFs) for different points of injection and withdrawal. Brian Silverstein offered to investigate if he could find someone to perform these studies for the WG. He will report back at the next meeting {See assignment 2}. In preparation for these studies, each WG member is to identify several generator and load withdrawal points within each area {See assignment 3}

Agenda topic 3 - Report/Discussion by Team #2 (Stability of FDF / Criteria)

Ren Orans led the discussion on the draft paper on Stability of Flow Distribution Factors. Discussion arose on whether the number of FTRs is based on total available capacity of the flowgate or some degraded capacity of the flowgate. If a degraded capacity were used then

additional FTRs would be released, as you get closer to real time. If total capacity is used then FTRs may need to be degraded, as you get closer to real time. Another way to look at these approaches is in terms of risk and risk management to the transmission customers and the transmission providers.

Risk management or risk avoidance is of concern to the transmission owners. In particular, disclosure list, buy back right for maintenance, etc. drew concerns. Being a draft document it needs to make a clear separation between transmission owners and the RTO responsibilities. Team #2 agreed update the draft document to incorporate the topics discussed {See assignment 4}.

Agenda topic 4 - Rights Models

Report/Discussion by Team #3 (Physical)

Report/Discussion by Team #4 (Financial)

Physical Rights Model – Carl Imperato led a discussion using the handout distributed via email prior to the meeting. Since time was short he gave a summary and answered questions.

Financial Rights Model – Wally Gibson gave a quick overview of the financial rights paper distributed before the meeting.

Due to time constraints, the Rights models will be covered at the next WG meeting. Each WG member is to review the papers and be prepared to discuss the merits of the two methods.

Some key thoughts for next meeting are: How do you handle native load rights? Another thought on the whole rights issue is “how do you get them, what do you do with them, when do you have to do something with them, and what are the consequences of the decisions that you have made?”

Agenda topic 5 - Time/Policy Issues (continuation of 6/12 WG meeting)

Agenda topic was not addressed due to time.

Agenda topic 6 – Next Step

Agenda topic was not addressed due to time.

The work group meeting ended at 4:25 pm.

Next Meeting:

- Next meeting: June 26-27, 2000 9:00 am - 5 pm, 8:30 am- 4:00 pm, Work Group #4 on Congestion Management @ RTO West Facility, 5933 NE Win Sivers Dr., Portland, OR, 97220
- Agenda for Work Group Meeting #4
 - June 26 – Joint WG meeting with Ancillary Services (agenda to be issued later)
 - Schedule Coordinator

- RT Balance Market
- Centralize vs. Decentralized
- June 27 – CM WG Meeting
 - Introduction / Finalize Agenda
 - Rights Models – discussion of Physical vs. Financial
 - Report/Discussion by Team #1 (Flowgates candidates)
 - Report/Discussion by Team #2 (Stability of FDF / Criteria)
 - Time/Policy Issues (continuation of 6/12 WG meeting)

Minutes prepared by: D. F. Hackett

Handouts

None