

**RTO West**  
**CONGESTION MANAGEMENT WORK GROUP MEETING (CM WG06)**  
 On July 18, 2000

RTO West at 5933 NE Win Sivers Dr.  
 Portland and Telephone Conference Call  
 9:30 – 5:00 pm

**Work Group Meeting Summary**  
**Version 1 – July 26, 2000**

36 in attendance

F-NAME	L-NAME	ORGANIZATION	PHONE	EMAIL
Rich	Bayless	PacifiCorp	503-813-5739	<a href="mailto:rich.bayless@pacificorp.c">rich.bayless@pacificorp.c</a>
Ray	Bliven	RCS for DSIs	360-737-3877	<a href="mailto:rdb@keywaycorp.com">rdb@keywaycorp.com</a>
Ray	Brush	Montana Power	406-497-4278	<a href="mailto:rbrush@mtpower.com">rbrush@mtpower.com</a>
James	Buchal	Direct Service Industries	503-227-1011	<a href="mailto:jbuchal@mbllp.com">jbuchal@mbllp.com</a>
Geoff	Carr	NRU	503-288-8902	<a href="mailto:gcarr@pacifier.com">gcarr@pacifier.com</a>
Warren	Clark	Avista Corp	509-495-4186	<a href="mailto:wclark@avistacorp.com">wclark@avistacorp.com</a>
Kurt	Conger	EXS Inc. for Seattle City Light	425-497-1133	<a href="mailto:kconger@nrgxs.com">kconger@nrgxs.com</a>
Robin	Cross	Snohomish PUD	425-783-8481	<a href="mailto:rhcross@snopud.com">rhcross@snopud.com</a>
Angela	DeClerck	BPA-PBL	503-230-3886	<a href="mailto:ardeclerck@bpa.gov">ardeclerck@bpa.gov</a>
Chuck	Durick	Idaho Power Company	208-388-2450	<a href="mailto:cdurick@idahopower.com">cdurick@idahopower.com</a>
Marshall	Empey	UAMPS	801-32-6605	<a href="mailto:marshall@uamps.com">marshall@uamps.com</a>
Tom	Foley	Renewable NW Project	503-288-0973	<a href="mailto:tjfoley@teleport.com">tjfoley@teleport.com</a>
Brian	Gedrich	GDS Associates for UAMPS	770-425-8100	<a href="mailto:briang@gdsassoc.com">briang@gdsassoc.com</a>
Wally	Gibson	Northwest Power Planning	503-222-5161	<a href="mailto:wgibson@nwppc.org">wgibson@nwppc.org</a>
David	Hackett	KEMA Consulting	503-258-9000	<a href="mailto:dhackett@kemaconsultin">dhackett@kemaconsultin</a>
Bob	Harshbarger	Puget Sound Energy	425-882-4466	<a href="mailto:bharsh@puget.com">bharsh@puget.com</a>
Coe	Hutchison	Snohomish PUD	425-783-8297	<a href="mailto:cmhutchison@snopud.co">cmhutchison@snopud.co</a>
Carl	Imparato	Power Marketers	510-558-1456	<a href="mailto:Cfi1@tca-us.com">Cfi1@tca-us.com</a>
Don	Johnson	PacifiCorp	503-813-5741	<a href="mailto:don.johnson@pacificorp.c">don.johnson@pacificorp.c</a>
Robert	King	BPA - Transmission	260-418-2033	<a href="mailto:rdking@bpa.gov">rdking@bpa.gov</a>
Don	Long	Grant County PUD	509-754-5055	<a href="mailto:dlong@gcpud.org">dlong@gcpud.org</a>
Larry	Nordell	Montana DEQ	406-444-6757	<a href="mailto:lnordell@state.mt.us">lnordell@state.mt.us</a>
Arne	Olson	WA DCTED	360-956-2022	<a href="mailto:arneo@ep.cted.wa.gov">arneo@ep.cted.wa.gov</a>
Kevin	O'Meara	Public Power Council	503-232-2427	<a href="mailto:kpom@well.com">kpom@well.com</a>
Dave	Perrino	Automated Power Exchange	408-517-2146	<a href="mailto:dperrino@apx.com">dperrino@apx.com</a>
Deanna	Phillips	BPA/PBL	503-230-5164	<a href="mailto:dmphillips@bpa.gov">dmphillips@bpa.gov</a>
Jerry	Rust	ESCA Corporation	503-626-3932	<a href="mailto:lorusty4@msn.com">lorusty4@msn.com</a>
Mike	Ryan	Portland General Electric	503-464-8793	<a href="mailto:mike_ryan@pgn.com">mike_ryan@pgn.com</a>
Brian	Silverstein	BPA-TBL	360-418-8678	<a href="mailto:blsilverstein@bpa.gov">blsilverstein@bpa.gov</a>
Rob	Sirvaitis	Power Resource Managers	360-693-8484	<a href="mailto:rsirvaitis@prmlp.com">rsirvaitis@prmlp.com</a>
Rick	Vermeers	Avista Corp.	509-495-8057	<a href="mailto:rvermeers@avistacorp.co">rvermeers@avistacorp.co</a>
Steve	Walton	Enron	713-345-7793	<a href="mailto:steve.walton@enron.com">steve.walton@enron.com</a>
Steve	Weiss	NW Energy Coalition	503-393-8859	<a href="mailto:steve@nwenergy.org">steve@nwenergy.org</a>

**Calendar:**

May 24, 2000	Kick-Off Meeting for WG (Meeting #1) Complete	RTO West Facility
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 Complete	RTO West Facility
	June 27 — CM WG Meeting Completed	RTO West Facility
July 10-11	CM WG Meeting #5 (9:30 am — 5 pm, 8:30am — 12 pm) Complete	RTO West Facility
July 18	CM WG Meeting #6 (note meeting on July 17 is eancelled) Complete	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.

<b>Assignments (Includes Action Items) from July 18 Work Group Meeting:</b>	<b>Status</b>
1. D. Hackett presented the white paper outline previously sent via email to the WG. Several changes were noted. D. Hackett to update the outline per the discussion and reissue to the WG.	New
2. Brian agreed to update the team B strawman position with comments from the meeting. In parallel each WG member is to review the strawman and provide feedback by 8am on Friday. For the feedback, each WG member to provide suggested redline wording and include an annotated reason for the change. Also define deal killer if they exist. Brian would reissue the document for review at the next meeting.	New
3. Steve Walton volunteered to pull together a comparison list of topics and filled in the physical rights model for a side-by-side comparison. Rich would then enter the data for the hybrid model. The goal is to complete all work and distribute by the end of the week for discussion at the next meeting.	New
<b>Assignments (Includes Action Items) from July 10-11 Work Group Meeting:</b>	<b>Status</b>
1. D. Hackett took a new assignment to find out what data is being collected by legal for existing contracts.	Open
2. David Hackett took an assignment to generate an outline for the CM white paper using the combined documents of IndeGO, DSTAR and Mountain West ISA.	Closed, Email sent
<b>Assignments (Includes Action Items) from June 26-27 Work Group Meeting:</b>	<b>Status</b>
1. Carl Imparato is define the permissive dispatch market details for review at the Joint CM/AS meeting in the afternoon on July 11,2000.	Open
2. Teams A, B, and E defined in agenda item 5 to generate a draft position on the assigned area and be prepared a presentation for the July 10 WG meeting.	In progress, Team A and B complete

3. Teams C and D defined in agenda item 5 to generate a draft position on the assigned areas.	Closed, both position presented
<b>Assignments (Includes Action Items) from June 19 Work Group Meeting:</b>	<b>Status</b>
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	In progress
3. Each WG member is to identify several generator and load withdrawal point within each area modeled.	In progress
4. Team #2 agreed to update draft document to incorporate the topics discussed.	Closed
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).	In process by team E
<b>Assignments (Includes Action Items) from May 24 Work Group Meeting:</b>	<b>Status</b>
2. Deanna Phillips volunteered to be the WG liaison with NERC CM activities.	Ongoing

**Summary of Consensus (Decisions Made):**

**Highlights of Meeting by Agenda Topic**

**Agenda topic 1: Agenda**

The following agenda was established for the meeting:

- White paper outline
- Team B report on handling rights at startup of the RTO.
- Team C report on upcoming joint conference call
- Team D report on how to mitigate market power
- Team E report on Status of flowgates work
- PAC Presentation of alternate CM model

**Agenda topic 2: White Paper Outline**

D. Hackett presented the white paper outline previously sent via email to the WG. Several changes were noted. D. Hackett to update the outline per the discussion and reissue to the WG.

**Agenda topic 3: Team B report on handling rights at startup of the RTO**

Brian presented Team B’s strawman recommendation. A lively discussion covered: The following question were documented on the white board:

1. How do you define entitlements for converted contracts, pre-existing contracts (not terminated), PTO's contracts with PTO (those suspended), Connected load (load w/o vague contract, and retail access)?
2. How do you define entitlements for load growth for converted contracts, pre-existing contracts (not terminated), PTO's contracts with PTO (those suspended), Connected load (load w/o vague contract, and retail access)?
3. How are path utilization factors computed? Seasonally? Different usages at different time periods (on and off peak)?
4. What is the purpose and proposed process for the RTO to review PTO contracts and obligations?
5. Will the RTO allocate FTRs or FTR revenues? If revenues, how does the Auction work?
6. What is the disposition of the FTRs revenues? (Question to TXPR WG)
7. How do you manage non-converted rights?
8. How do you make rights conversion when power flows outside the RTO?

Brian agreed to update the strawman position with comments from the meeting. In parallel each WG member is to review the strawman and provide feedback by 8am on Friday. For the feedback, each WG member to provide suggested redline wording and include an annotated reason for the change. Also define deal killer if they exist. Brian would reissue the document for review at the next meeting.

#### **Agenda topic 4: Team C report on upcoming joint conference call on pricing signals**

A joint CM, TXPL and TXPR conference call has been set for Friday at 1:30pm. A notice has been sent to all WGs.

#### **Agenda topic 5: Team D report on how to mitigate market power**

Due to time constraints, this topic was deferred to next week.

#### **Agenda topic 6: Team E report on status of flowgates work**

TXPL WG is providing support for this task. Several members were out of vacation. S. Walton reviewed the data on the web site and found a definitional issue which caused factors to be greater than 1. Rick will get the data to the appropriate party.

#### **Agenda topic 6: PAC Presentation of alternate CM model**

Rich Bayless presented the PAC CM Model that had been distributed to all members prior the WG meeting. Rich provided three diagrams to illustrate how the RTO West area could be partitioned into zones.

During the discussion, the WG agreed to use flow paths rather than flowgates. Likewise, it is desirable to keep the number of flow paths or zone to a minimum number for both CM model.

After much discussion, it was decided to perform a side-by-side review of the physical rights and this hybrid model. Steve Walton volunteered to pull together a comparison list of topics and filled in the physical rights model. Rich would then enter the data for the hybrid model. The goal is to complete all work and distribute by the end of the week for discussion at the next meeting.

End of Minutes

Meeting ended at 5:30 pm

**Next Meeting:**

- Next meeting: July 24-25, 8:30 am - 5 pm, Work Group #7 on Congestion Management @ RTO West Facility, 5933 NE Win Sivers Dr., Portland, OR, 97220
- Call in telephone number: call D. Hackett 503-258-0187 if a number is needed
- Agenda for Work Group Meeting #6
  - Sent under a separate email

Minutes prepared by: D. F. Hackett

Handouts (Items not previously email in electronic form)