

**RTO West**  
**CONGESTION MANAGEMENT WORK GROUP MEETING (CM WG13)**  
 On August 28, 2000

RTO West at 5933 NE Win Sivers Dr.  
 Portland and Telephone Conference Call  
 8:30 am – 5:00 pm

**Work Group Meeting Summary**  
**Version 1 – September 11, 2000**

**Attendees (23 attendees in total):**

FNAME	LNAME	ORGANIZATION	PHONE	EMAIL
Rich	Bayless	PacifiCorp	503-813-5739	<a href="mailto:rich.bayless@pacificorp.com">rich.bayless@pacificorp.com</a>
Don	Brookhyser	Alcantar & Elsesser, IPP Groups	503-402-8703	<a href="mailto:deb@aelaw.com">deb@aelaw.com</a>
Eric	Carter	BPA-TBL	503-230-4201	<a href="mailto:ehcarter@bpa.gov">ehcarter@bpa.gov</a>
Angela	DeClerck	BPA-PBL	503-230-3886	<a href="mailto:ardeclerck@bpa.gov">ardeclerck@bpa.gov</a>
Chuck	Durick	IPC		<a href="mailto:cdurick@idahopower.com">cdurick@idahopower.com</a>
Tara	Exe	BPA-TBL	360-418-2009	<a href="mailto:tdexe@bpa.gov">tdexe@bpa.gov</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 Council	503-222-5161	<a href="mailto:wgibson@nwppc.org">wgibson@nwppc.org</a>
Roger	Grim	Idaho Power Company	208-388-6997	<a href="mailto:rgrim@idahopower.com">rgrim@idahopower.com</a>
David	Hackett	KEMA Consulting	503-258-9000	<a href="mailto:dhackett@kemaconsulting.com">dhackett@kemaconsulting.com</a>
Bob	Harshbarger	Puget Sound Energy	425-882-4466	<a href="mailto:bharsh@puget.com">bharsh@puget.com</a>
Carl	Imparato	Power Marketers	510-558-1456	<a href="mailto:cfi1@tca-us.com">cfi1@tca-us.com</a>
Ren	Orans	Energy & Environmental Economics	415-391-5100	<a href="mailto:ren@ethree.com">ren@ethree.com</a>
Dave	Perrino	Automated Power Exchange	408-517-2146	<a href="mailto:dperrino@apx.com">dperrino@apx.com</a>
Dennis	Phillips	BPA-PBL	503-230-5062	<a href="mailto:dwphillips@bpa.gov">dwphillips@bpa.gov</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>
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>
Steve	Walton	Enron	713-345-7793	<a href="mailto:steve.walton@enron.com">steve.walton@enron.com</a>
Linc	Wolverton	Industrial Customers of NW Utilities	360-263-3675	<a href="mailto:lwolv@worldaccessnet.com">lwolv@worldaccessnet.com</a>

**Calendar:**

May 24, 2000	Kick Off Meeting – Complete	RTO West Facility
June 6-7, 2000	CM Workshop - Complete	RTO West Facility
June 12	CM WG Meeting #2 - Complete	RTO West Facility
June 19	CM WG Meeting #3 - Complete	RTO West Facility
June 26-27	CM WG Meeting #4 - Complete	RTO West Facility
July 10-11	CM WG Meeting #5 - Complete	RTO West Facility
July 18	CM WG Meeting #6 - Complete	RTO West Facility
July 24-25	CM WG Meeting #7 - Complete	RTO West Facility
July 31-August 1	CM WG Meeting #8 - Complete	RTO West Facility
August 7-8	CM WG Meeting #9 – Complete	RTO West Facility

August 15-16	CM WG Meeting #10-Complete	RTO West Facility
August 18	CM WG Meeting #11 -Complete	Telephone
August 22	CM WG Meeting #12 -Complete	RTO West Facility
August 29	CM WG Meeting #13 -Complete	RTO West Facility

## Highlights of Meeting by Agenda Topic

### Agenda topic 1: Agenda

- Review agenda
- Review Term Sheet
- Review IPC Proposal for Phase In to Flow Path
- FDF / Phase Shifter Settings
- PEC-PPO Instruction
- Scheduling (revisions by C. Imperato)
- Next Step

### Agenda topic 2: Term Sheet Review

The first topic was to address several BPA questions as to how would various situations (e.g., vendor strike, vendor faulty material, etc) would be handled within the term sheet. After discussing the responses, BPA stated they could not subject BPA to the risk of non-performance. Other utilities expressed similar concerns about the ADR process. No consensus was reached and the issue is to submit to the RRG with Brian Silverstein (position against taking on risk) and Linc Wolverton (position to take risk) generating position papers.

As follow-on to the discussion, a matrix was generated to define who pays for various situations that affect the firmness of the FTR. The table is located in the attachments.

### Agenda topic 3: Review IPC Proposal for Phased Implementation Scheduling

Chuck Durick presented the paper, distributed prior to the meeting, on “Flow Distributed Scheduling – A Proposal for Phased Implementation”. After achieving understanding of the proposal, the question arose if this proposal should be a phased step or a backup position if the flow path method could not be achieved in the time schedule. Consensus could not be reached so Brian Silverstein (backstop position) and Chuck Durick (phased step) agreed to write up positions for the RRG Meeting.

### Agenda topic 4: FDF/Phase Shifter Settings

Steve Walton presented his paper titled “The Effects of Phase Shifter Operation of Flow Distribution Factors” that was distributed via email on 8/24/00. The purpose of the paper was to decouple the effects of phase shifter operation from the incremental power transfer in computing FDFs. After discussing the approach, two items were identified as needing more work: effects on losses and the difference between the commercial and operation model (degree of socialization).

### **Agenda topic 5: PEC – PPO Instructions**

Carl Imperato led a discussion on the method to handle the PPO Instructions. PPO Instructions are jointly developed by the parties holding the pre-existing contract (in this case, the generator and the transmission provider). However, if the parties cannot come to agreement on the PPO Instructions, then pending resolution of the dispute, the RTO must on an interim basis follow the instructions of one party or other (proposed language is for the RTO to follow the IPP instructions).

After the discussion, it was agreed to that Carl Imperato would draft language for inclusion in PEC document. Since the WG did not have time to review the final text, the text would be placed in a “box” and be considered when drafting the specific language of the Tariff.

### **Agenda topic 6: Scheduling Process**

Time ran out before this topic could be addressed. Each WG member is to review the updated document, dated 8/28 and provide comments to the document.

End of Minutes

Meeting ended at 5:00 pm

#### **Next Meeting:**

- Final meeting of collaborative process.

Minutes prepared by: D. F. Hackett

Handouts (Items not previously email in electronic form)

Situations which impact the firmness of FTRs	Who Pays / What Happens		
Type of Problem	FTR Holder	PTOs	All Grid Users/RTO (See note 1)
1. Outages of Significant Facilities - Published "States of the System" (tied to outages of significant facilities)	YES (FTR Derated or FDFs Change)	No, subject to Note 2	No - See Note 2
2. Other Forced Outages - Typically affect flowpath ratings or FDFs by a "small" amount.	No	No, subject to Note 2	YES (through Buyback or Redispatch)
3. Planned Maintenance, Large Construction / Rebuild ( Where to draw the line between row 3 and row 4 needs more discussion (Is it based on the ability to plan one-year ahead? The definition of the event? Other?))	YES, up to limits described in term sheet, and only if greater than a de minimus level	<b>To extent exceeds limit in Term Sheet and Except for specific "conditions beyond PTO control" (see Notes 3 and 4)</b>	YES, to the extent it is not covered by I and FTR holders (through Buyback Redispatch)
4. Planned Maintenance (for "short outages", emergency maintenance (before outage) , changes required by RTO, etc.)	YES, If greater than a de minimus threshold and only if sufficient advance notice, and only if FTR holders had an opportunity to pay for movement of maintenance	No	YES, to the extent it is not covered by I and FTR holders (through Buyback Redispatch)

5. Commercial / Operations Gap - Approximations in methodologies (including impacts of load growth, temperature, loopflow, over-release of FTRs, de minimus thresholds).	No	No	YES (through Buyback, Redispatch smaller FTR release)
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**Notes:**

1. To all RTO users by grid uplift charge, or to smaller group of users by allocation to Company Rates? (To Be Determined)
2. TOA should specify binding maintenance standards for PTO.
3. Conditions beyond PTO control could include the following: true "Force Majeure", vendor performance (?? Needs further thought vs. "Performance Standards")
4. Acceptability to IOUs is conditioned on PBR and limitation to direct cost and opportunity costs (no consequential damages); Publics cannot accept risk to revenue recovery.