



**Department of Energy**  
Bonneville Power Administration  
P.O. Box 3621  
Portland, Oregon 97208-3621



In reply refer to: FOIA #BPA-2024-02520-F

September 2, 2025

SENT VIA EMAIL ONLY TO: [stephanie@energyandpolicy.org](mailto:stephanie@energyandpolicy.org)

Stephanie Chase  
Energy and Policy Institute  
P.O. Box 337  
El Verano, California 95433

Dear Ms. Chase,

This communication is Bonneville Power Administration's (BPA) first partial response to your request for agency records made under the Freedom of Information Act, 5 U.S.C. § 552 (FOIA). Your request was received on July 23, 2024, and formally acknowledged your request via letter to you dated August 6, 2024.

**Request**

You seek, "...communications between the following BPA officials/staff and their direct reports with Powerex Corporation leadership and staff regarding day ahead markets, including the Extended Day Ahead Market (EDAM) or Markets+:

-Russ Mantifel  
-Nita Zimmerman

The timeframe for this request is July 1, 2023, through present."

[AND]

"...communications between the following BPA officials/staff and their direct reports with Southwest Power Pool leadership/staff regarding day ahead markets, including the Extended Day Ahead Market (EDAM) or Markets+:

-Russ Mantifel  
-Nita Zimmerman

The timeframe for this request is July 1, 2023, through present."

## **Clarifications**

Via email exchanges with the agency between August 28, 2024, and August 29, 2024, you agreed to limit the scope of your request to exclude records responsive to the "...and their direct reports..." language in your original request.

On June 12, 2025, the agency's FOIA Office requested clarification on the scope of your request, based on the contents of the records collected. On June 16, 2025, you responded to confirm that you are interested in the collected working group emails, but you are not interested in the collected Outlook system-generated automatic replies.

## **First Partial Response**

BPA searched for and gathered records responsive to your request from the agency's Outlook email system. In an effort to both accommodate the review of the large volume of responsive records, and to provide the records expediently within the limitations of available agency resources, BPA is releasing responsive records to you in installments, as permitted by the FOIA. A first partial release of responsive records accompanies this communication. 304 pages accompany this communication with minor redactions applied under 5 U.S.C. § 552(b)(6) (Exemption 6):

- 27 exemptions applied under 5 U.S.C. § 552(b)(6).

A more detailed explanation of the applied exemptions follows.

The FOIA generally requires the release of all responsive agency records upon request. However, the FOIA permits or requires withholding certain limited information that falls under one or more of nine statutory exemptions (5 U.S.C. § 552(b)(1-9)). Further, section (b) of the FOIA, which contains the FOIA's nine statutory exemptions, also directs agencies to publicly release any reasonably segregable, non-exempt information that is contained in those records.

### Exemption 6

Exemption 6 serves to protect Personally Identifiable Information (PII) contained in agency records when no overriding public interest in the information exists. BPA does not find an overriding public interest in a release of the information redacted under Exemption 6 specifically, cell phone numbers and employee leave plans. This information sheds no light on the executive functions if the agency and BPA finds no overriding public interest in the release. BPA cannot waive these redactions, as the protections afforded by Exemption 6 belong to the individuals and not to the agency.

Lastly, as required by 5 U.S.C. § 552(a)(8)(A), information has been withheld only in instances where (1) disclosure is prohibited by statute, or (2) BPA foresees that disclosure would be harm an interest protected by exemption cited for the record. When full disclosure would not harm and interest protected by the exemption cited for the record. When full disclosure of a record is not possible, the FOIA statute further requires that BPA take reasonable steps to segregate and release nonexempt information. The agency has determined that in certain instances partial



disclosure is possible and has accordingly segregated the records into exempt and non-exempt portions.

**Response Update**

The remaining records collected are currently undergoing a required 5 U.S.C. § 552(b) exemption review. That review effort includes the following:

Exemption 4

Prior to publicly releasing records, BPA is required by 5 U.S.C. § 552(b)(4) (Exemption 4) to solicit objections to the public release of any third party's confidential commercial information contained in the responsive records. BPA has sent records to third parties for review and will then make a determination on any objections received.

**Target Date**

Considering the conditions and conclusions described, BPA estimates the completion of a response to your FOIA request by October 31, 2025. BPA invites you to contact the agency to discuss the estimated completion date, if desired.

Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows:

Office of Government Information Services  
National Archives and Records Administration  
8601 Adelphi Road-OGIS  
College Park, Maryland 20740-6001  
E-mail: [ogis@nara.gov](mailto:ogis@nara.gov)  
Phone: 202-741-5770  
Toll-free: 1-877-684-6448  
Fax: 202-741-5769

Questions about this communication may be directed to James King, FOIA Public Liaison, at [jjking@bpa.gov](mailto:jjking@bpa.gov) or at 503-230-7621. You may also contact Brian Roth, FOIA Case Coordinator, at [bsroth@bpa.gov](mailto:bsroth@bpa.gov) or 503-230-7621.

Sincerely,

Candice D. Palen  
Freedom of Information/Privacy Act Officer

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**From:** lms@spp.org  
**Sent:** Monday, April 29, 2024 1:39 PM  
**To:** Zimmerman,Nita M (BPA) - MT-3  
**Subject:** [EXTERNAL] DON'T FORGET TO REGISTER: Two Integrated Marketplace Instructor-Led Training Courses



## UPCOMING TRAINING OPPORTUNITIES

Dear Nita,

Seats are still available for both of the SPP Stakeholder Training's Integrated Marketplace instructor-led courses, **Lighting the Way: Integrated Marketplace Fundamentals** and **Blurring the Lines: Markets and Reliability**.

**PLEASE NOTE:**

- Both courses are offered two more times in 2024 in different locations.
- They are offered consecutively, allowing you to attend both in the same week, if desired.
- If you attend both, you can earn up to 24 NERC Continuing Education (CE) hours.

See below for course details, dates and times, and how to register.

**Lighting the Way: Integrated Marketplace Fundamentals**

This course is designed for new Market Participants (MPs) or employees needing a baseline understanding of the fundamentals of the Integrated Marketplace or existing MPs or employees needing a refresher. Through engaging activities and discussion, we will address concepts such as:

- What is the Integrated Marketplace?
- How do the various components of the Integrated Marketplace work together?
- What are some of the Integrated Marketplace's key features?

**Additional Information:**

- This course is a Level 1 course. It will not provide the in-depth training that is included in our Computer-Based Training (CBT) courses.
- Course Hours: 12

- NERC CE Credit Hours Available: 8 hours
- Course Fee for NERC Certified Non-members: \$520.00
- Course Fee for Non-members (who are not receiving NERC credit): \$100.00
- All payments are made through the SPP Learning Center. SPP does not invoice, but accepts all major credit cards for payment.

### **Blurring the Lines: Markets and Reliability**

Following the **Lighting the Way** training session, Stakeholder Training will facilitate this two-day course that focuses on identifying and evaluating BES reliability-related tasks that the SPP Integrated Marketplace helps to perform. During this course, participants will learn which marketplace processes help SPP comply with various industry standards. They will also learn how the marketplace performs specific reliability tasks, such as unit commitment, regulation scheduling, contingency reserve deployment, and congestion management.

#### **Additional Information:**

- Course Hours: 16
- NERC CE Credit Hours Available: 16 hours
- Course Fee for NERC Certified Non-members: \$1200.00
- Course Fee for Non-members (who are not receiving NERC credit): \$100.00
- All payments are made through the SPP Learning Center. SPP does not invoice, but accepts all major credit cards for payment.

### **Dates and Times:**

Location	Lighting the Way	Blurring the Lines
Kansas City, MO	June 24-25	June 26-27
Westminster, CO	November 11-12	November 13-14

#### **To Register:**

1. Click on the applicable course link above to log into the SPP Learning Center and access the course.
2. Click the **Select a Session button** (or scroll down to the Upcoming Sessions).
3. Click the drop down arrow next to **View Details** for each session.
4. Select **Request**.

If you have any questions or concerns, please contact Becky Gifford at bgifford@spp.org.

**Becky Gifford**

Lead Instructional Designer/Trainer

bgifford@spp.org  
Southwest Power Pool  
501-614-3390

**Southwest Power Pool, 201 Worthen Drive, Little Rock, AR 72223**  
**(501) 614-3200**  
**LMS@spp.org**

CSOD SYSTEM ID: 946106

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**From:** Jennifer Broyles <jbroyles@spp.org>  
**Sent:** Thursday, October 12, 2023 2:46 PM  
**To:** Zimmerman,Nita M (BPA) - B-3  
**Cc:** Dibble,Rachel L (BPA) - PT-5; Debbie Brooks  
**Subject:** RE: [EXTERNAL] FW: Markets + billing-2nd payment due-past due

Thank you, Nita!

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**From:** Zimmerman,Nita M (BPA) - B-3 <[nmzimmerman@bpa.gov](mailto:nmzimmerman@bpa.gov)>  
**Sent:** Thursday, October 12, 2023 3:12 PM  
**To:** Jennifer Broyles <[jbroyles@spp.org](mailto:jbroyles@spp.org)>  
**Cc:** Dibble, Rachel <[rldibble@bpa.gov](mailto:rldibble@bpa.gov)>  
**Subject:** \*\*External Email\*\* RE: [EXTERNAL] FW: Markets + billing-2nd payment due-past due

**STOP!** This is **NOT** an SPP email.

Be very cautious of any links or attachments unless you recognize this sender -  
[nmzimmerman@bpa.gov](mailto:nmzimmerman@bpa.gov) and are expecting this email.

**Please click the "Report Phish" button if you are unsure about this email.**

Hello Jennifer,

Apologies for the delay. We have processed our payment.

Thank you,  
Nita

Nita Zimmerman (she/her)  
Chief Business Transformation Officer  
**BONNEVILLE POWER ADMINISTRATION**  
[bpa.gov](http://bpa.gov) | P 503-230-3935 | C (b)(6)

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**From:** Dibble,Rachel L (BPA) - PT-5 <[rldibble@bpa.gov](mailto:rldibble@bpa.gov)>  
**Sent:** Thursday, October 12, 2023 9:42 AM  
**To:** Zimmerman,Nita M (BPA) - B-3 <[nmzimmerman@bpa.gov](mailto:nmzimmerman@bpa.gov)>  
**Cc:** [jbroyles@spp.org](mailto:jbroyles@spp.org)  
**Subject:** FW: [EXTERNAL] FW: Markets + billing-2nd payment due-past due

Hi, Jennifer. Thanks for letting us know. I'm forwarding this to Nita as I believe this is paid out of her budget. Sorry for the delay.

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**From:** Jennifer Broyles <[jbroyles@spp.org](mailto:jbroyles@spp.org)>  
**Sent:** Thursday, October 12, 2023 7:33 AM  
**To:** Dibble,Rachel L (BPA) - PT-5 <[rldibble@bpa.gov](mailto:rldibble@bpa.gov)>  
**Cc:** Debbie Brooks <[dbrooks@spp.org](mailto:dbrooks@spp.org)>  
**Subject:** [EXTERNAL] FW: Markets + billing-2nd payment due-past due

Good morning,

I'm reaching out to you today because we haven't received the payment for the 2<sup>nd</sup> installment of the Markets + invoice. Can you tell me if it has been set up to be paid or if it was missed. Please let me know when it can be paid.

Thank you,  
Jennifer Broyles  
Southwest Power Pool, Inc.  
Staff Accountant II

(b)(6)

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**From:** Jennifer Broyles <[jbroyles@spp.org](mailto:jbroyles@spp.org)>  
**Sent:** Wednesday, August 2, 2023 2:09 PM  
**To:** Dibble, Rachel <[rdibble@bpa.gov](mailto:rdibble@bpa.gov)>  
**Cc:** Debbie Brooks <[dbrooks@spp.org](mailto:dbrooks@spp.org)>  
**Subject:** Markets + billing-2nd payment due

Good afternoon,

Please find attached an invoice for Markets + Phase 1 funding fee. Let me know if you have any questions.

Thank you,  
Jennifer Broyles  
Southwest Power Pool, Inc.  
Staff Accountant II

(b)(6)

This email and any attachments are for the sole use of the intended recipient(s) and may contain confidential information. If you receive this email in error, please notify the sender, delete the original and all copies of the email and destroy any other hard copies of it.

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**From:** lms@spp.org  
**Sent:** Monday, February 19, 2024 7:02 AM  
**To:** Zimmerman,Nita M (BPA) - MT-3  
**Subject:** [EXTERNAL] Registration Now Open: Markets+ Introductory Training



## REGISTRATION NOW OPEN

SPP Stakeholder Training is excited to announce that registration is now open for an introductory training course for Markets+ participants. See below for course details and registration instructions.

**Title:** [PowerUp: An Introduction to Markets +](#)

**Format:** Virtual Instructor-Led (via Adobe Connect)

- Once registered, you will receive instructions about connecting to Adobe Connect.

**Length:** 4 hours

**Session Dates:** Three offerings

1. Thursday, 5/2: 9:00 – 1:00 MT
2. Thursday, 5/16: 9:00 – 1:00 MT
3. Wednesday, 6/12: 9:00 – 1:00 MT

**Course Description:** This four-hour, virtual-instructor-led session will introduce the roles, components, features, and timelines of the Markets(+) market. During the session, SPP's Stakeholder Training team will introduce such items as:

- What is an Energy Market?
- What are the key roles in the Markets(+) market?
- What are the key components of the Markets(+) market, their purpose, and their relationships?



- What the key features of each component of the Markets(+) market?

**NOTE:** This session is a high-level, conceptual introduction to the Markets(+) market and will not provide in-depth details, as some aspects of the market are still under development and some details are not known at this time. SPP Stakeholder Training will offer additional training sessions that provide greater detail at a later time.

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### **How to Register:**

1. Log into the [SPP Learning Center \(LMS\)](#).
2. If you do not yet have an SPP Learning Center account, click the orange **Register** button on the log-in page.
  - The Division will be your Company Name. (Note: If your organization is not listed, select "Other Non-Member".)
  - The Position is either Member or Non-Member. (Select Member if your organization is a Member of SPP; otherwise, select Non-Member.)
3. Click the **Select a Session** button (or scroll down to the Upcoming Sessions).
4. Click the **View Details** drop-down arrow next to the desired session.
5. Select **Request**.
  - You will receive a registration email from the SPP Learning Center that will include a link to join the training session.

For questions about the SPP Learning Center, please contact us at [lms@spp.org](mailto:lms@spp.org).  
For questions about the course, please contact Becky Gifford at [bgifford@spp.org](mailto:bgifford@spp.org).

**Southwest Power Pool, 201 Worthen Drive, Little Rock, AR 72223**  
**(501) 614-3200**  
**[LMS@spp.org](mailto:LMS@spp.org)**



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**From:** lms@spp.org  
**Sent:** Monday, March 4, 2024 6:40 AM  
**To:** Zimmerman,Nita M (BPA) - MT-3  
**Subject:** [EXTERNAL] DON'T FORGET TO REGISTER: Two Integrated Marketplace Instructor-Led Training Courses



## UPCOMING TRAINING OPPORTUNITIES

Dear Nita,

Seats are still available for two of SPP Stakeholder Training's Integrated Marketplace instructor-led courses, **Lighting the Way: Integrated Marketplace Fundamentals** and **Blurring the Lines: Markets and Reliability**.

**PLEASE NOTE:**

- Both courses are offered three times in 2024 in different locations.
- They are offered consecutively, allowing you to attend both in the same week, if desired.
- If you attend both, you can earn up to 24 NERC Continuing Education (CE) hours.

See below for course details, dates and times, and how to register.

**Lighting the Way: Integrated Marketplace Fundamentals**

This course is designed for new Market Participants (MPs) or employees needing a baseline understanding of the fundamentals of the Integrated Marketplace or existing MPs or employees needing a refresher. Through engaging activities and discussion, we will address concepts such as:

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- How do the various components of the Integrated Marketplace work together?
- What are some of the Integrated Marketplace's key features?

**Additional Information:**

- This course is a Level 1 course. It will not provide the in-depth training that is included in our Computer-Based Training (CBT) courses.
- Course Hours: 12

- NERC CE Credit Hours Available: 8 hours
- Course Fee for NERC Certified Non-members: \$520.00
- Course Fee for Non-members (who are not receiving NERC credit): \$100.00
- All payments are made through the SPP Learning Center. SPP does not invoice, but accepts all major credit cards for payment.

### **Blurring the Lines: Markets and Reliability**

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#### **Additional Information:**

- Course Hours: 16
- NERC CE Credit Hours Available: 16 hours
- Course Fee for NERC Certified Non-members: \$1200.00
- Course Fee for Non-members (who are not receiving NERC credit): \$100.00
- All payments are made through the SPP Learning Center. SPP does not invoice, but accepts all major credit cards for payment.

### **Dates and Times:**

Location	Lighting the Way	Blurring the Lines
Little Rock, AR	April 22-23	April 24-25
Kansas City, MO	June 24-25	June 26-27
Westminster, CO	November 11-12	November 13-14

#### **To Register:**

1. Click on the applicable course link above to log into the SPP Learning Center and access the course.
2. Click the **Select a Session button** (or scroll down to the Upcoming Sessions).
3. Click the drop down arrow next to **View Details** for each session.
4. Select **Request**.

If you have any questions or concerns, please contact Becky Gifford at bgifford@spp.org.

**Becky Gifford**

Lead Instructional Designer/Trainer

bgifford@spp.org

Southwest Power Pool

501-614-3390

Southwest Power Pool, 201 Worthen Drive, Little Rock, AR 72223  
(501) 614-3200  
LMS@spp.org

CSOD SYSTEM ID: 940544

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, September 28, 2023 8:36 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] Markets+ Seams Working Group (MSWG) 10/3/23 Meeting Materials

Markets+ Seams Working Group (MSWG) 10/3/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MSWG Meeting Materials](#)

[MSWG 10/3/23 Online Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

This email and any attachments are for the sole use of the intended recipient(s) and may contain confidential information. If you receive this email in error, please notify the sender, delete the original and all copies of the email and destroy any other hard copies of it.

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You are currently subscribed to mswg as: [rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov).

To unsubscribe click here:

<http://10.23.18.35/u?id=234285.95dceca0e961b4dc167fabe306d22685&n=T&l=mswg&o=120911>

(It may be necessary to cut and paste the above URL if the line is broken)

or send a blank email to [leave-120911-234285.95dceca0e961b4dc167fabe306d22685@spplist.spp.org](mailto:leave-120911-234285.95dceca0e961b4dc167fabe306d22685@spplist.spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, July 30, 2024 2:57 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG October Meeting

An Updated MDWG October meeting has been posted to SPP.org at the link below. Please update your personal calendars.

MARKETS+ DESIGN WORKING GROUP NET CONFERENCE  
TIME: ~~October 08, 2024 11:00AM—5:00PM~~  
TIME ZONE: (UTC-06:00) Central Time (US & Canada)

**Updated:** MARKETS+ DESIGN WORKING GROUP NET CONFERENCE  
TIME: October 08, 2024 11:00AM - 5:00PM  
October 09, 2024 11:00AM - 3:00PM  
TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MDWG October Meeting Online Registration](#)

[MDWG October meeting Webex](#) – If you have already registered on SPP.org, you will need to register again through this Webex link.

Please direct any questions to Tracy Wolfgang at [twolfgang@utilicast.com](mailto:twolfgang@utilicast.com).

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You are currently subscribed to mdwg as: [rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov).

To unsubscribe click here:

<http://10.23.18.35/u?id=234284.4924ede4b09f20571c7af2310687f4ba&n=T&l=mdwg&o=130956>

(It may be necessary to cut and paste the above URL if the line is broken)

or send a blank email to [leave-130956-234284.4924ede4b09f20571c7af2310687f4ba@spplist.spp.org](mailto:leave-130956-234284.4924ede4b09f20571c7af2310687f4ba@spplist.spp.org)



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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, November 21, 2023 2:34 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 11/28/23 Meeting Materials

Markets+ Design Working Group (MDWG) 11/28/23 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

[MDWG 11/28/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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To unsubscribe click here:

<http://10.23.18.35/u?id=234284.4924cdc4b09f20571c7af2310687f4ba&n=T&l=mdwg&o=124816>

(It may be necessary to cut and paste the above URL if the line is broken)

or send a blank email to [leave-124816-234284.4924cdc4b09f20571c7af2310687f4ba@spplist.spp.org](mailto:leave-124816-234284.4924cdc4b09f20571c7af2310687f4ba@spplist.spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, October 10, 2023 1:23 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Updated: MCRTF 10/12/23 Meeting Materials

Updated Markets+ Congestion Rent Task Force (MCRTF) 10/12/23 Meeting Materials are posted on SPP.org at the link below:

[MCRTF Meeting Materials](#)

**Added:**

2\_MCRTF Survey Results NT Option 1 20231012.pdf

3\_Evaluating an Alternative Approach for NT Congestion Rent Allocation 20231012.pdf

6\_Monitoring of Allocation Approach 20231012.pdf

[MCRTF 10/12/23 Meeting Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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You are currently subscribed to mcrtf as: [rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov).

To unsubscribe click here:

<http://10.23.18.35/u?id=234283.ab060f4db6e56ad7a74d8702edd00012&n=T&l=mcrtf&o=122122>

(It may be necessary to cut and paste the above URL if the line is broken)

or send a blank email to [leave-122122-234283.ab060f4db6e56ad7a74d8702edd00012@spplist.spp.org](mailto:leave-122122-234283.ab060f4db6e56ad7a74d8702edd00012@spplist.spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, November 16, 2023 1:57 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Time Extended: MCRTF 11/27/23 Net Conference

The meeting time for the MCRTF 11/27/23 Net Conference has been extended two hours and will now end at 1:30PM Central Time. If you are already registered, please adjust your calendar to reflect this change – you do not need to register again.

**MARKETS+ CONGESTION RENT TASK FORCE NET CONFERENCE**

TIME: November 27, 2023 ~~10:30AM – 11:30AM~~

**NEW TIME: November 27, 2023 10:30AM - 1:30PM**

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MCRTF 11/27/23 Meeting Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

This email and any attachments are for the sole use of the intended recipient(s) and may contain confidential information. If you receive this email in error, please notify the sender, delete the original and all copies of the email and destroy any other hard copies of it.

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You are currently subscribed to mcrtf as: [rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov).

To unsubscribe click here:

<http://10.23.18.35/u?id=234283.ab060f4db6e56ad7a74d8702edd00012&n=T&l=mcrtf&o=124757>

(It may be necessary to cut and paste the above URL if the line is broken)

or send a blank email to [leave-124757-234283.ab060f4db6e56ad7a74d8702edd00012@spplist.spp.org](mailto:leave-124757-234283.ab060f4db6e56ad7a74d8702edd00012@spplist.spp.org)



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**From:** bounce-123162-234286@spplist.spp.org on behalf of SPP Markets+  
<marketsplus@spp.org>  
**Sent:** Thursday, October 12, 2023 10:44 AM  
**To:** Markets+  
**Subject:** [EXTERNAL] Markets+ Governance Meeting Materials

Markets+ Governance Meeting 10/19/23 Meeting Materials have been posted on SPP.org at the link below:

[Governance Meeting Materials](#)

[Markets+ Governance Meeting Registration](#)

Please direct questions to Meghan Sever at [msever@spp.org](mailto:msever@spp.org).

This email and any attachments are for the sole use of the intended recipient(s) and may contain confidential information. If you receive this email in error, please notify the sender, delete the original and all copies of the email and destroy any other hard copies of it.

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, November 16, 2023 2:22 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 11/17/23 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 11/17/23 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

**Added Material:**

 05efsupp-Attachment B\_C\_SCPUD Comments\_111523.docx

[MDWG 11/17/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, November 10, 2023 2:42 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Markets+ Design Working Group (MDWG) 11/17/23 Meeting Materials

Markets+ Design Working Group (MDWG) 11/17/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

- **The following materials will be posted by COB Tuesday, 11/14:**
  - Agenda Item 4b – 11/3/2023 MDWG Minutes
  - Agenda Item 5d – Attachment A: Scarcity Pricing Tariff Language
  - Agenda Item 6a – Outs-Ins/Internals Tariff Language

[MDWG 11/17/23 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, December 7, 2023 1:32 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/11/24 Meeting Time Changed

Markets+ Design Working Group (MDWG) 1/11/24 meeting time has been **changed.**

**MARKETS+ DESIGN WORKING GROUP NET CONFERENCE**

**TIME:** January 11, 2024 **11:00AM - 5:00PM**

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

- **Current:** 11:00 a.m. – 1:00 p.m. CPT/10:00 a.m. – 12:00 p.m. MT/9:00 a.m. – 10:00 a.m., PT
- **New:** **11:00 a.m. – 5:00 p.m., PT/10:00 a.m. – 4:00 p.m., MT/9:00 a.m. – 3:00 p.m., PT**

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, September 29, 2023 7:06 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] Updated Markets+ Congestion Rent Task Force 9/28/23 Meeting Materials

Updated Markets+ Congestion Rent Task Force 9/28/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MCRTF Meeting Materials](#)

**Updated:**

- Markets+ Draft Congestion Rent Tariff Draft (003)

**Added:**

- Congestion Rent Allocation Sept 28 2023

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, June 25, 2024 11:34 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 8/1/24 Net Conference Online Registration

Markets+ Design Working Group (MDWG) 8/1/24 Net Conference has been posted to the SPP website for registration at the link below:

**MARKETS+ DESIGN WORKING GROUP NET CONFERENCE**

**TIME:** August 01, 2024 11:00AM - 5:00PM

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

[MDWG 8/1/24 Online Registration](#)

Please direct questions to Tracy Wolfgang at [twolfgang@spp.org](mailto:twolfgang@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, November 2, 2023 3:07 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Markets+ Design Working Group (MDWG) 10/26/23 Meeting Minutes

Markets+ Design Working Group (MDWG) 10/26/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, November 1, 2023 3:39 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated Markets+ Design Working Group (MDWG) 11/3/23 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 11/3/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

**New:**

04cd-Attachment B\_C\_SPP\_MMU Combined Edits\_Clean\_110123  
04cdsupp-Attachment B\_C\_SPP\_MMU Combined Edits\_Redlines\_110323  
04supp-Memo - SPP M+ MDWG Market Power Mitigation\_110123

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, July 26, 2024 12:45 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 8/1/24 Meeting Materials Posted

MDWG Stakeholders,

The Thursday, August 1, 2024, MDWG Agenda and Meeting Materials have been posted to SPP.org at the link below. The meeting will be held virtually.

MDWG Meeting Materials

ONLINE REGISTRATION LINK

Please direct questions to Carman Ruder at [cruder@spp.org](mailto:cruder@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, May 7, 2024 2:55 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 5/14/24 Meeting Materials

Markets+ Design Working Group (MDWG) 5/14/24 Meeting Materials are posted to SPP.org at the link below.

[MDWG Meeting Materials](#)

[MDWG 5/14/24 Online Registration](#)

Please direct any questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, March 26, 2024 2:26 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF Protocol Draft Document

Markets+ Congestion Rent Task Force (MCRTF) Stakeholders,

The MCRTF Protocol draft document as reviewed in the March 26, 2024 meeting has been posted to SPP.org at the link below. Please provide comments via RMS by 4/2/2024 to be incorporated in the April MCRTF Meeting.

[MCRTF Meeting Materials](#)

[Request Management System \(RMS\) Guidance](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, May 29, 2024 8:03 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF Protocols Posted

MCRTF Stakeholders,

Two versions of the MCRTF Protocols have been posted to SPP.org at the link below. The first version titled "MCRTF Protocols w 5\_28\_2024 redlines" contains all new changes made in the May 28<sup>th</sup> MCRTF meeting. The second version titled "MCRTF Protocols – Clean", is the latest version of the Congestion Rent protocols with the redlines removed. Please provide comments via RMS by June 5th, 2024 to be incorporated in the June 18<sup>th</sup>, 2024 MCRTF Meeting.

MCRTF Meeting Materials

[Request Management System \(RMS\) Guidance](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, November 20, 2023 1:40 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 11/27/23 Meeting Materials

Markets+ Congestion Rent Task Force (MCRTF) 11/27/23 Meeting Materials are posted on SPP.org at the link below:

[MCRTF Meeting Materials](#)

The most material change to the Congestion Rent Tariff sections since the review by the task force is the addition of a Coordinated Interchange Scheduling Limit definition and edits to the POR and POD definitions to align with NERC definitions.

To elaborate on the Coordinated Scheduling Interchange section, SPP understands some entities may require SPP to apply a scheduling limit between two BAAs at a specific location within the Markets+ footprint. Unlike a typical flow-based constraint or a service flow constraint (SFC), a Coordinated Interchange Scheduling limit would establish the maximum allowable net scheduled interchange between two Balancing Authority Areas (BAAs) at a specified interchange location. This constraint would be activated in the Day-Ahead Market, and the market solution would respect this scheduling limit. When congestion occurs on such a constraint, SPP will separate the congestion revenue into an Export Share and an Import Share as per Section 7.16.1 to assign the congestion rent to the transmission service on either side of the scheduling constraint equitably. For improved clarity, SPP staff has included a new definition of Coordinated Interchange Scheduling Limit in the final draft tariff language to define the constraints for which this section would apply more clearly.

The 11/27/2023 MCRTF Meeting will start with some time for a final review of the tariff, and then a vote will be held. Upon approval of the Congestion Rent sections of the Markets+ Tariff, the document will be passed to the MDWG and then MPEC for approval.

[MCRTF 11/27/23 Meeting Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, April 2, 2024 2:54 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 3/26/24 Meeting Minutes

Markets+ Congestion Rent Task Force (MCRTF) 3/26/24 Meeting Minutes have been posted to the SPP website at the link below:

[MCRTF Minutes](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, November 17, 2023 10:32 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF11/9/23 Minutes

Markets+ Congestion Rent Task Force (MCRTF) 11/9/23 Minutes are posted on SPP.org at the link below:

[MCRTF Meeting Materials](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, April 4, 2024 2:58 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 4/9/24 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 4/9/24 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

**Updated:**

05-MDWG AI21\_Self-Commit Self-Schedule Examples\_040324

**New:**

02-MDWG\_Action Item Report\_040904

06-MDWG Protocol Review Schedule

07-Market Monitoring Language Introduction\_040924

08a-DRAFT Protocols\_2 Intro\_3 Overview

[MDWG 4/9/24 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Tuesday, July 9, 2024 2:29 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Congestion Rent Monitoring Approach' document Posted

Markets+ Congestion Rent Task Force,

The following action item was taken during the June 18<sup>th</sup>, 2024 MCRTF meeting: "SPP Staff to post updated Monitoring Approach document for Stakeholder comment. Will be discussed at the next meeting."

This is a notification that the 'Congestion Rent Monitoring Approach' document has been posted to the MCRTF Meeting Materials on spp.org. Please provide any additional Congestion Rent Monitoring suggestions to SPP through RMS by July 29<sup>th</sup>. These items will be discussed during the August 9<sup>th</sup>, 2024 MCRTF meeting.

[MCRTF Meeting Materials](#)

Thanks,  
Genty Crowson  
MCRTF Staff Secretary

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, April 19, 2024 11:15 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 4/19/24 Meeting Materials

MCRTF Stakeholders,

The MCRTF Protocol draft document as reviewed in the April 19<sup>th</sup>, 2024 meeting has been posted to SPP.org at the link below. Please provide comments via RMS by April 26<sup>th</sup>, 2024 to be incorporated in the May 28<sup>th</sup>, 2024 MCRTF Meeting.

MCRTF Meeting Materials

Request Management System (RMS) Guidance

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, February 20, 2024 3:00 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Registration Now Open: Markets+ Introductory Training

SPP Stakeholder Training is excited to announce that registration is now open for an introductory training course for Markets+ participants. See below for course details and registration instructions.

Title: [Power Up: An Introduction to Markets +](#)

Format: Virtual Instructor-Led (via Adobe Connect)

- Once registered, you will receive instructions about connecting to Adobe Connect.

Length: 4 hours

Session Dates: Three offerings

1. Thursday, 5/2: 9:00 – 1:00 MT
2. Thursday, 5/16: 9:00 – 1:00 MT
3. Wednesday, 6/12: 9:00 – 1:00 MT

Course Description: This four-hour, virtual-instructor-led session will introduce the roles, components, features, and timelines of the Markets(+) market. During the session, SPP's Stakeholder Training team will introduce such items as:

- What is an Energy Market?
- What are the key roles in the Markets(+) market?
- What are the key components of the Markets(+) market, their purpose, and their relationships?
- What the key features of each component of the Markets(+) market?

**NOTE:** This session is a high-level, conceptual introduction to the Markets(+) market and will not provide in-depth details, as some aspects of the market are still under development and some details are not known at this time. SPP Stakeholder Training will offer additional training sessions that provide greater detail at a later time.

How to Register:

1. Log into the [SPP Learning Center \(LMS\)](#).
  - If you do not yet have an SPP Learning Center account, click the orange **Register** button on the login page.
    - The Division will be your Company Name. (Note: If your organization is not listed, select "Other Non-Member".)
    - The Position is either Member or Non-Member. (Select Member if your organization is a member of SPP; otherwise, select Non-Member.)
2. Click the **Select a Session** button (or scroll down to the Upcoming Sessions).
3. Click the **View Details** drop-down arrow next to the desired session.
4. Select **Request**.
  - You will receive a registration email from the SPP Learning Center that will include a link to join the training session.

For questions about the SPP Learning Center, please contact us at [lms@spp.org](mailto:lms@spp.org).

For questions about the course, please contact Becky Gifford at [bgifford@spp.org](mailto:bgifford@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, February 27, 2024 11:29 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Version 1 of the Markets+ Protocol Section 6.0

Market+ Congestion Rent Task Force,

Version 1 of the Markets+ Protocol Section 6.0 which includes the changes made in today's MCRTF meeting has been posted to spp.org. SPP is accepting comments on this section of the protocols through March 5<sup>th</sup>, 2024.

Please send comments to:

[gtcrowson@spp.org](mailto:gtcrowson@spp.org)

[mcbaily@spp.org](mailto:mcbaily@spp.org)

[cruder@spp.org](mailto:cruder@spp.org)

Also, the link to the posted Market+ Tariff is [here](#) and can be used as supplemental material to reference when reading through the protocols.

For questions please contact:

[gtcrowson@spp.org](mailto:gtcrowson@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, July 18, 2024 9:11 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG 7/22/24 Meeting Materials

MDWG Stakeholders,

Updated materials for the Markets+ Design Working Group (MDWG) meeting on 7/22/24, have been posted to the SPP website for your review at the link shown below:

[MDWG Meeting Materials](#)

[MDWG 7/22/24 Registration](#)

Please direct any questions to Tracy Wolfgang at [contractor-twolfgang@spp.org](mailto:contractor-twolfgang@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, March 21, 2024 8:15 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Joint MSWG - MRATF 3/14/24 Meeting Minutes

Joint Markets+ Seams Working Group (MSWG) – Markets+ Resource Adequacy Task Force 3/14/24 Meeting Minutes have been posted to the SPP website at the link below:

[MSWG-MRATF Minutes](#)

Please direct questions to Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, February 28, 2024 10:55 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF Markets+ Protocols Section 6.1

Markets+ Congestion Rent Task Force,

Please note the posting of the Markets+ Protocols Section 6.1 pertaining to Congestion Rent has been updated as part of the action item stemming from the 2/27/2024 MCRTF Meeting to ensure the resale and redirect language was appropriately represented in the protocols.

[MCRTF Markets+ Protocols Section 6.1](#)

Thanks,  
Gentry Crowson  
[gtcrowson@spp.org](mailto:gtcrowson@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, February 23, 2024 1:16 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2/15/24 Meeting Minutes

Markets+ Design Working Group (MDWG) 2/15/24 Meeting Minutes have been posted to the SPP website at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Thursday, December 7, 2023 2:11 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 12/1/23 Meeting Minutes

Markets+ Design Working Group (MDWG) 12/1/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, February 13, 2024 12:13 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 2/13/24 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 2/13/24 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

Updated:

2a Must Offer Sections for MDWG Review 02132024

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, June 25, 2024 2:55 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF Meeting 6/18/24 Minutes and Protocols

Markets+ Congestion Rent Task Force (MCRTF),

The Congestion Rent Protocols as approved in the June 18<sup>th</sup>, 2024 MCRTF meeting have been posted alongside the MCRTF Minutes for the June 18<sup>th</sup>, 2024 MCRTF meeting.

[MCRTF Materials](#)

For questions, please reach out to MCRTF Staff Secretary Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

Thanks,  
Gentry Crowson

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, November 14, 2023 2:40 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 11/17/23 Meeting Materials

Markets+ Design Working Group (MDWG) 11/17/23 Meeting Materials are posted on SPP.org at the link below:


[MDWG Meeting Materials](#)

**The following materials have been posted:**

**New:**

 04b-11 03 2023 MDWG Minutes.docx  
 05d-Attachment A\_Sec 2.1.2.1\_2.3.1.2\_3.6.1\_5.3\_Appendix 1\_Price Formation\_DRAFT.docx  
 05efsupp-Attachment B\_C\_SPP\_MMU Combined Edits\_SRP Edits.docx  
 05g-Attachment A\_Special Rules and Provisions\_Must Offer Obligation\_111723.docx  
 05h-Attachment A\_Appendix 2\_MTU Partial Year Entry.docx  
 05i-MarketsPlus Tariff\_Section I\_Common Service Provisions\_111723.docx  
 05j-MarketsPlus Tariff\_Attachment A Addendum\_LRE Attestation\_111723.docx  
 06a1-MarketsPlus Outs\_Ins\_Internals\_111723.pptx  
 06a2-MarketsPlus\_Attachment A\_Section 9.1.2\_Outs\_Ins\_Internals\_DRAFT.docx

**Updated:**

 01-111723 MDWG Agenda.docx

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, April 11, 2024 9:22 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] High Priority Survey Results

Please see the updated Power Point summarizing the results from the recent high priority import and export KeySurvey at the link below:

[High Priority Survey Results](#)

Please direct questions to Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Tuesday, February 13, 2024 10:20 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG Meeting Materials Update

Good afternoon,

Please find updated MDWG Meeting Materials (for the 2/13/2024 Meeting) posted, [here](#).

Materials posted include:

- A Cornelius\_SCPUD Comments\_Tariff associated with 020924 Comments
- A Cornelius\_SCPUD\_Comments
- A Cornelius\_SCPUD\_Comments
- BPA Comments\_Attachment I and J
- BPA Comments\_Attachment O
- C Liotiris\_WPTF\_Comments
- D Peacey\_TransAlta\_Comments
- J Taylor\_Xcel\_Comments
- L Almond\_PSE\_Comments
- L Kirby\_BPA\_Comments
- M Martin\_SRP\_Comments
- S Eshbach\_Tacoma Power\_Comments
- WPP on SPP Markets+ Tariff

Thank you.

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, November 15, 2023 9:45 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MSWG 11/16/23 Meeting Materials

Updated Markets+ Seams Working Group (MSWG) 11/16/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MSWG Meeting Materials](#)

**Updated File:**

- 3 – Uncommitted Supply Imports\_Power Point Presentation updated. Tariff language not modified just presentation.

[MSWG 11/16/23 Online Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, October 18, 2023 2:36 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Markets+ Congestion Rent Task Force (MCRTF) 10/23/23 Meeting Materials

Markets+ Congestion Rent Task Force (MCRTF) 10/23/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MCRTF Meeting Materials](#)

“The proposal posted with the Congestion Rent Meetings Materials for 10-23-23 will accompany agenda item two, ‘CR Allocation for NT.’ The proposal addresses the allocation of Congestion Rent to NT customers, an outstanding topic in the Congestion Rent Task Force. Several different options have been presented to this task force to this point for NT Congestion Rent Allocation. This proposal takes the task force discussions, survey results, and different options presented and merges them into one approach that SPP supports moving forward. SPP hopes task force members can review and become comfortable with the proposal before the Markets+ Congestion Rent Task Force meeting on Monday so that a decision can be made as a task force in moving forward.”

[MCRTF 10/23/23 Online Registration](#)

Direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, December 7, 2023 2:22 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG Tariff Review Schedule 12/7/23

Markets+ Design Working Group (MDWG)Tariff Review Schedule 12/7/23 has been posted to the SPP website at the link below:

[Tariff Review Schedule 12/07/23](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, March 6, 2024 4:49 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 2/27/24 Meeting Minutes

Markets+ Congestion Rent Task Force (MCRTF) 2/27/24 Meeting Minutes have been posted to the SPP website at the link below:

[MCRTF Minutes](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, May 2, 2024 12:41 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG-MRATF 5/9/24 Meeting Materials

Markets+ Seams Working Group (MSWG) and Markets+ Resource Adequacy Task Force (MRATF) 5/9/24 Join Net Conference Meeting materials are posted to SPP.org at the link below.

[MSWG-MRATF Meeting Materials](#)

[MSWG-MRATF 5/9/24 Online Registration](#)

Please direct any questions to Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** Gentry Crowson <gtccrowson@spp.org>  
**Sent:** Tuesday, November 7, 2023 9:44 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Comments on CR Tariff

Markets+ Congestion Rent Task Force,

The Congestion Rent Tariff has been posted [here](#) in the 'MCRTF Meeting Materials 20231109' folder for your review. This is a reminder to send your comments on the document to the following emails before the MCRTF Meeting on 11/9/2023 so that we can review those together as a task force:

[mcbailey@spp.org](mailto:mcbailey@spp.org)

[cruder@spp.org](mailto:cruder@spp.org)

[gtccrowson@spp.org](mailto:gtccrowson@spp.org)

Thanks,  
Gentry Crowson  
MCRTF Staff Secretary

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, May 16, 2024 6:25 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG Reference Materials

Hello MDWG:

The mitigated offer methodology reference document is posted in the Reference Materials section as requested in the 05/14 meeting. Thanks!

[MDWG Reference Materials](#)

Kelli Schermerhorn  
Southwest Power Pool  
Lead Analyst, Market Design West  
Staff Secretary, M+ Resource Adequacy Task Force

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, December 1, 2023 4:06 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 12/1/23 Meeting Materials


Updated Markets+ Design Working Group (MDWG) 12/1/23 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

#### **New Materials**

 02a-MarketsPlus\_Attachment A\_Settlements\_120123.docx  
 02gsupp1-MarketsPlus\_Attachment A\_Scarcity Pricing\_Market Priority Award\_Reliability Back Stop\_MORWG Endorsed\_120123.docx  
 02gsupp2-MarketsPlus\_Attachment A\_Scarcity Pricing\_Market Priority Award\_Reliability Back Stop\_BPA Comments\_112923.docx  
 03a-Balancing Authority Agreement\_120123.docx  
 03b-Transmission Service Provider Agreement\_120123.docx  
 03c-Special Rules on Use of Tariff\_Sections 7.1 and 7.2\_120123.docx  
 04supp-Settlement Tariff Section Status.xlsx

#### **Updated Materials**

 01-120123 MDWG Agenda.docx

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, October 2, 2023 9:46 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] Updated Markets+ Seams Working Group (MSWG) 10/3/23

Updated Markets+ Seams Working Group (MSWG) 10/3/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

**Added:**

02 - MSWG Markets+ Tariff\_Interchange Transactions Section 4.3 for approval\_as edited during 092623 MSWG Meeting\_CLEAN (AEPCO edits)

02 - MSWG Markets+ Tariff\_Interchange Transactions Section 4.3 for approval\_as edited during 092623 MSWG Meeting\_CLEAN\_SRP edits

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, November 3, 2023 1:11 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Markets+ Congestion Rent Task Force (MCRTF) 10/27/23 Meeting Minutes

Markets+ Congestion Rent Task Force (MCRTF) 10/27/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MCRTF Minutes](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, July 9, 2024 6:32 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG Joint Settlements Meeting Materials

Markets+ Stakeholders,

The Monday, July 15 and Tuesday, July 16, 2024, Joint Settlements Meeting Agenda and Meeting Materials have been posted to SPP.org at the link below. The meeting will be held at Tri-State Generation & Transmission in Westminster, CO. There is also a virtual option.

[MDWG Meeting Materials](#)

[Online Registration](#)

Please direct questions to Carman Ruder at [cruder@spp.org](mailto:cruder@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, October 31, 2023 2:35 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 11/3/23 Meeting Materials

Markets+ Design Working Group (MDWG) 11/3/23 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

The 11/1 MDWG meeting has been canceled, with those agenda items being reviewed during the **Friday, 11/3 MDWG meeting**. A separate email will go out to everyone who registered for the 11/1 MDWG meeting to inform them it has been canceled. All materials for this meeting have been posted.

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, June 4, 2024 1:12 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 5/28/24 Minutes Posted

Markets+ Congestion Rent Task Force (MCRTF) 5/28/24 Minutes have been posted to SPP.org at the link below.

[MCRTF Minutes](#)

Please direct any questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Thursday, December 7, 2023 12:25 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG 11/29/23 Meeting Minutes

Markets+ Seams Working Group 11/29/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MSWG Meeting Materials](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, October 19, 2023 2:17 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] MCRTF 10/12/23 Minutes

Markets+ Congestion Rent Task Force (MCRTF) 10/12/23 Minutes are posted on SPP.org at the link below:

[MCRTF Meeting Materials](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, November 20, 2023 1:28 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF Nov 15 & 16 Minutes

Markets+ Congestion Rent Task Force (MCRTF) November 15 & 16 Minutes are posted on SPP.org at the link below:

[MCRTF Meeting Materials](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, July 9, 2024 1:42 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 8/9/24 Net Conference Registration

Markets+ Congestion Rent Task Force (MCRTF) 8/9/24 Net Conference has been posted to the SPP website for registration at the link below:

**MARKETS+ CONGESTION RENT TASK FORCE NET CONFERENCE**

**TIME:** August 09, 2024 10:00AM - 2:00PM

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

[MCRTF 8/9/24 Online Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Monday, October 30, 2023 6:26 PM  
**To:** Meyers,Andrew P (BPA) - MTM-3  
**Cc:** Eaton,Sara L (BPA) - PTMA-5; Brier,Tanner H (BPA) - PTF-5; Mantifel,Russell (BPA) - MTM-3  
**Subject:** RE: [EXTERNAL] Feedback Requested: Markets+ Scarcity Pricing Sub-group Participants

I have added them. Thanks!

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
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**From:** Meyers,Andrew P (BPA) - MTM-3 <[apmeyers@bpa.gov](mailto:apmeyers@bpa.gov)>  
**Sent:** Monday, October 30, 2023 6:33 PM  
**To:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>  
**Cc:** Eaton, Sara <[sleaton@bpa.gov](mailto:sleaton@bpa.gov)>; Brier,Tanner H (BPA) - PTF-5 <[thbrier@bpa.gov](mailto:thbrier@bpa.gov)>; Mantifel, Russ <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>  
**Subject:** \*\*External Email\*\* RE: [EXTERNAL] Feedback Requested: Markets+ Scarcity Pricing Sub-group Participants

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Hi Kristen,

Please include Tanner Brier ([thbrier@bpa.gov](mailto:thbrier@bpa.gov)) and Sara Eaton ([sleaton@bpa.gov](mailto:sleaton@bpa.gov)) as participants for BPA.

Thanks,  
Andy

Andy Meyers

[apmeyers@bpa.gov](mailto:apmeyers@bpa.gov)

(w) 503-230-3014 | (c) (b)(6)

Bonneville Power Administration

Market Initiatives

Attn: B-3

905 NE 11<sup>th</sup> Ave

Portland, OR 97232

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**From:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>  
**Sent:** Monday, October 30, 2023 3:58 PM

To: Meyers, Andrew P (BPA) - MTM-3 <[apmeyers@bpa.gov](mailto:apmeyers@bpa.gov)>

Subject: [EXTERNAL] Feedback Requested: Markets+ Scarcity Pricing Sub-group Participants

Good evening –

The MDWG documented the following action item during their 10/26 MDWG meeting:

- **Action Item:** *Markets+ Design Working Group (MDWG) staff secretary, Kristen Darden, will send an email to the MDWG and MSWG email distribution lists seeking volunteers for a sub-group of stakeholders to work through the Markets+ Scarcity Pricing proposal, specific to the Virtuals Offer Floor/Offer Cap and Interchange Transactions Offer Floor/Offer Cap.*

If you would like to participate in this group, please send me ([kdarden@spp.org](mailto:kdarden@spp.org)) an email by EOD Wednesday, 11/1, and I will add you to the distribution list for communication.

Thank you.

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-

(b)(6)

201 Worthen Drive \* Little Rock, AR 72223-4936

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, February 9, 2024 2:11 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2/13/24 Meeting Materials

Markets+ Design Working Group (MDWG) 2/13/24 Meeting Materials have been posted to the SPP website at the link below:

- **The MDWG will be reviewing GHG settlements tariff impacts and associated examples during their Tuesday, 2/13/2024, meeting. We encourage the MGHGTF stakeholders and participants to dial-in for the discussion.**

[MDWG Meeting Materials](#)

[MDWG 2/13/24 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, October 25, 2023 12:59 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Markets+ Congestion Rent Task Force (MCRTF) 10/27/23 Meeting Materials

Markets+ Congestion Rent Task Force (MCRTF) 10/27/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MCRTF Meeting Materials](#)

[MCRTF 10/2723 Online Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, June 21, 2024 7:26 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MSWG 6/13/24 Meeting Minutes

Updated Markets+ Stakeholder Working Group 6/13/24 Meeting Minutes have been posted to the SPP website at the link below. Update due to the recording link not working in version posted yesterday and one correction in attendance.

[Updated MSWG Minutes 06/13/24](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, June 20, 2024 11:14 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG 6/13/24 Meeting Minutes

Markets+ Seams Working Group (MSWG) 6/13/24 Meeting Minutes have been posted to the SPP website at the link below:

[MSWG Minutes](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, November 16, 2023 12:59 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF November15 & 16 Meeting Materials

Markets+ Congestion Rent Task Force (MCRTF) November 15 & 16 Meeting Materials are posted on SPP.org at the link below:

[MCRTF Meeting Materials](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, November 28, 2023 10:57 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MCRTF 10/27/23 Meeting Materials

Updated Markets+ Congestion Rent Task Force (MCRTF) Meeting Materials for 10/27/23 have been updated to include the 'Modified SPP Proposal for NT- Oct27 Redline' document. This document is a public posting of the document that was edited by the task force during the Oct. 27<sup>th</sup>, 2023 MCRTF Meeting. They are available at the link below.

[MCRTF Meeting Materials](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, July 15, 2024 2:47 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 7/22/24 Meeting Materials

Materials for the upcoming Markets+ Design Working Group (MDWG) 7/22/2024 Meeting have been posted to the SPP website at the link below:

[Meeting Materials](#)

[MDWG 7/22/24 Online Registration](#)

Please direct any questions to Tracy Wolfgang at [contractor-twolfgang@spp.org](mailto:contractor-twolfgang@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, June 17, 2024 8:22 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 6/11/2024 Minutes Posted

The Markets+ Design Working Group (MDWG) 6/11/2024 Meeting Minutes have been posted to the SPP website for your review at the link shown below:

[MDWG Meeting Materials](#)

Please direct questions to Tracy Wolfgang at [contractor-twolfgang@spp.org](mailto:contractor-twolfgang@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, October 19, 2023 2:28 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Joint MTWG MDWG 10/26/23 Meeting Materials

Joint MTWG MDWG 10/26/23 Meeting Materials are posted on SPP.org at the link below:

[Meeting Materials](#)

The following agenda items will have materials posted by COB Tuesday, 10/24:

- 4b – 10/11/2023 MDWG Minutes
- 8a – Virtuals Tariff Language
- 11a – Markets+ GHG Design Overview
- 11b – GHG Draft Tariff Language

[Joint MTWG MDWG 10/26/23 Meeting Registration](#) – In-person registration is closed, however, there is a virtual attendance option.

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, December 6, 2023 1:12 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 11/28/23 Meeting Minutes

Markets+ Design Working Group (MDWG) 11/28/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, November 28, 2023 12:21 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG 11/28/23 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 11/28/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

**New:**

- 04c-MarketsPlus\_Attachment A\_MP Obligations\_Sec 6.2\_6.8\_6.9\_112823
- 05c-MarketsPlus\_Attachment G\_Meter Agent Services Agreement\_112823
- 05e-MarketsPlus\_Attachment\_Cost Associated Penalties\_112823

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, October 9, 2023 1:59 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Updated Markets+ Design Working Group (MDWG) 10/10/23 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 10/10/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

**New**

07 Proposed Mitigated Offer for Hydroelectric Resources modified for 10/10 MDWG review  
07 Hydro Mitigation and Physical Withholding Document compare against 10/06 version

[MDWG 10/10/23 Online Registration](#)

Please direct questions to Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, June 6, 2024 2:39 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 6/11/24 Meeting Materials

MDWG Stakeholders,

Additional materials have been posted to SPP.org at the link below for the Tuesday, June 11, 2024, MDWG meeting. The meeting will be held virtually.

[MDWG Meeting Materials](#)

[ONLINE REGISTRATION LINK](#)

**Updated**

01-MDWG Agenda 2024\_0611

**New**

05-M+ Parking Lot Prioritization 2024\_0611

7a-Protocols\_4.2 PreDA\_4.2.5.2 MDFA Results 2024\_0611

7d-Protocols\_4.3 DA\_4.4.4.1.2 Load Deviation Exemption 2024\_0611

9a-Protocols\_4.5 Post OD and Settlement Activities\_4.5.4.3 MCP Calculations 20240611

Supp.Draft Protocols\_4 Energy and Flex Markets Processes\_4.1.6 Outage Scheduling and Reporting updated 05\_23\_24  
SRP Comments

Supp.Draft Protocols\_4.2 Pre DA\_4.2.5.2 MDFA Results updated 05\_23\_24 SRP Comments

Supp.Draft Protocols\_4.3 DA\_4.4.4.1.2 Load Deviation Exemption updated 05\_23\_24 SRP Comments

Please direct questions to Carman Ruder at [cruder@spp.org](mailto:cruder@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, June 10, 2024 12:16 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 6/11/24 Meeting Materials

MDWG Stakeholders,

Additional materials have been posted to SPP.org at the link below for the Tuesday, June 11, 2024, MDWG meeting. The meeting will be held virtually.

[MDWG Meeting Materials](#)

[ONLINE REGISTRATION LINK](#)

**Updated**

01-MDWG Agenda 2024\_0611

6a-Protocols\_2\_Intro\_3 Overview 2024\_0611

6b-Protocols\_4.2 PreDA\_4.2.5.2 MDFA Results 2024\_0611

7a-Protocols\_4 Energy and Flex Markets Processes\_4.1.6 Outage Scheduling and Reporting 2024\_0611

7b-Protocols\_4.3 DA\_4.4.4.1.2 Load Deviation Exemption 2024\_0611

9c-Protocols\_4.5.7 DA Market Settlements)4.5.7.23 DA GHG Load 2024\_0611

**New**

03-MDWG Action Items 2024\_0611

Please direct questions to Carman Ruder at [cruder@spp.org](mailto:cruder@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, April 18, 2024 3:08 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG-MRATF 4/11/24Joint Meeting Minutes

Markets+ Seams Working Group (MSWG) and Markets+ Resource Adequacy Task Force (MRATF) 4/11/24 Joint Meeting Minutes have been posted to the SPP website at the link below:

[MSWG-MRATF Minutes](#)

Please direct questions to Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, July 1, 2024 11:14 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 7/30/24 Net Conference Posted

Markets+ Congestion Rent Task Force (MCRTF) 7/30/24 Net Conference has been posted to SPP.org for registration at the link below.

MARKETS+ CONGESTION RENT TASK FORCE NET CONFERENCE  
TIME: July 30, 2024 10:00AM - 2:00PM  
TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MCRTF 7/30/24 Net Conference Online Registration](#)

Please direct any questions to Gentry Crowson at [gfcrowson@spp.org](mailto:gfcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, October 24, 2023 12:15 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Markets+ Seams Working Group (MSWG) 10/17/23 Meeting Minutes

Markets+ Seams Working Group (MSWG) 10/17/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MSWG Meeting Minutes](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, May 14, 2024 6:37 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG 5/14/24 Meeting Materials

Updated Markets+ Design Working Group 5/14/24 Meeting Materials have been posted to the SPP website at the link below:

[MDWG Meeting Materials](#)

**Updated**

01-051524 MDWG Agenda  
04-Markets+ Working Group Vacancies

**New**

03b-MCRTF Vacant Public Power Seat Approval  
05ci-DRAFT Protocols\_4.2 Pre DA\_4.2.5.2 MDFA Results\_BPA Comms 041824  
05c-Protocols\_4.2 Pre DA\_4.2.5.2 MDFA Results  
08-MDWG SHOC and mitigation education  
10a-Protocols\_4Energy and Flex Markets Processes\_4.1.5

[MDWG 5/14/24 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, June 4, 2024 2:10 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 6/11/24 Meeting Materials Posted

MDWG Stakeholders,

The Tuesday, June 11, 2024, MDWG Agenda and Meeting Materials have been posted to SPP.org at the link below. The meeting will be held virtually.

MDWG Meeting Materials

ONLINE REGISTRATION LINK

Please direct questions to Carman Ruder at [cruder@spp.org](mailto:cruder@spp.org).

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**From:** Eaton,Sara L (BPA) - PTMA-5  
**Sent:** Wednesday, September 13, 2023 8:47 AM  
**To:** jgreenwalt@spp.org; Ian Wren; jwoods@spp.org; kcollins@spp.org  
**Cc:** Meyers,Andrew P (BPA) - B-3; Mantifel,Russell (BPA) - PGL-5; Gaube,Stephen J (BPA) - PTMP-5; Siewert,Christopher W (BPA) - PGS-5  
**Subject:** BPA Hydro Operations High-Level Materials  
**Attachments:** Hydro 101 high level.pdf

Hi All,

I apologize for the delay in sharing these materials with you, following our 8/31 discussion. As I'm sure you all are aware, it's been a busy time at BPA, but again apologies for the delay.

I believe these materials will be a good starting point for future discussions and questions. Internally, we're working on more materials and some potential numerical examples that may be helpful.

Please feel free to reach out if you have any additional questions or if there is more information that would be beneficial to future discussions.

Best,

Sara Eaton (she/her)  
Senior Markets Policy Analyst | Market Policy and Pricing | PTMP  
Bonneville Power Administration  
C: (b)(6) | W: 503-230-5222 | [sleaton@bpa.gov](mailto:sleaton@bpa.gov)



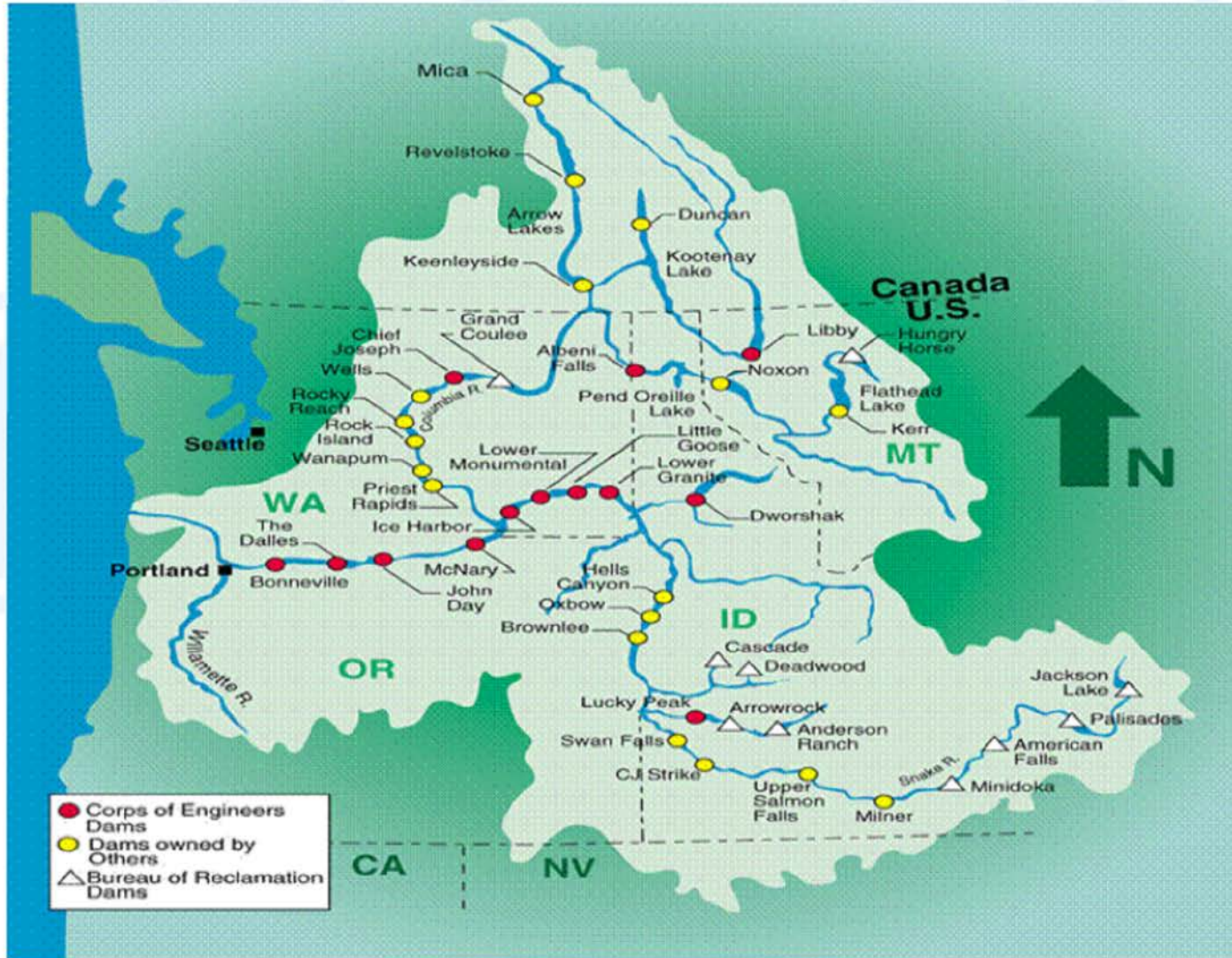
# **Federal Columbia River Power System Overview**



# The FCRPS

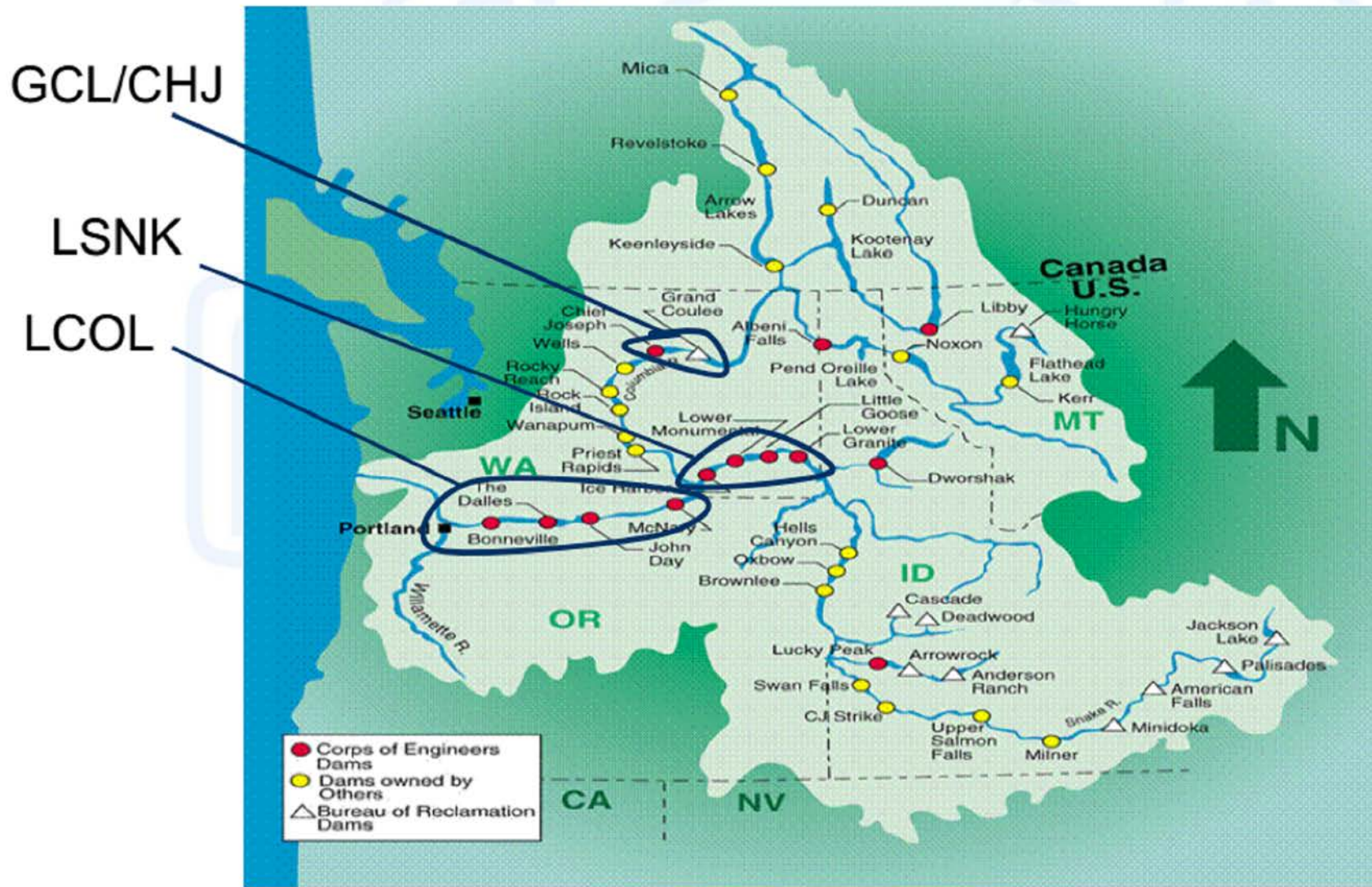
- The Federal Columbia River Power System (FCRPS) hydro program is a partnership between the US Army Corps of Engineers (Corps), the US Bureau of Reclamation (Reclamation), and Bonneville Power Administration (Bonneville).
  - The program is financed through direct funding agreements between Bonneville and the Corps, and Bonneville and Reclamation, delivering power worth \$4 billion annually to the people of the Pacific Northwest.
  - Through direct funding agreements, the program spends over \$300 million annually on Capital Investment and O&M programs.
  - The program has a mandate to provide low cost, reliable power and effective resource stewardship to the Pacific Northwest region.
- The FCRPS includes 31 hydroelectric projects with 209 turbine-generating units. (21 COE/10 BOR).
  - Individual hydro projects are not independent and are integrated with many non-Federal hydro projects
  - See Appendix A for more details on the specific hydro projects
- Over 20,000 MW of nameplate capacity and about 8,700 aMW of energy production with average water.
  - Annual Federal hydro-generation ranges from 7,000 average megawatts (aMW) to 10,200 aMW – very dependent on water year and unit outages
  - Eighty-nine percent (89%) of the FCRPS generating capacity is in the “Big 10” dispatchable projects.

# FCRPS, Canadian, and Non-Federal Hydro Plants

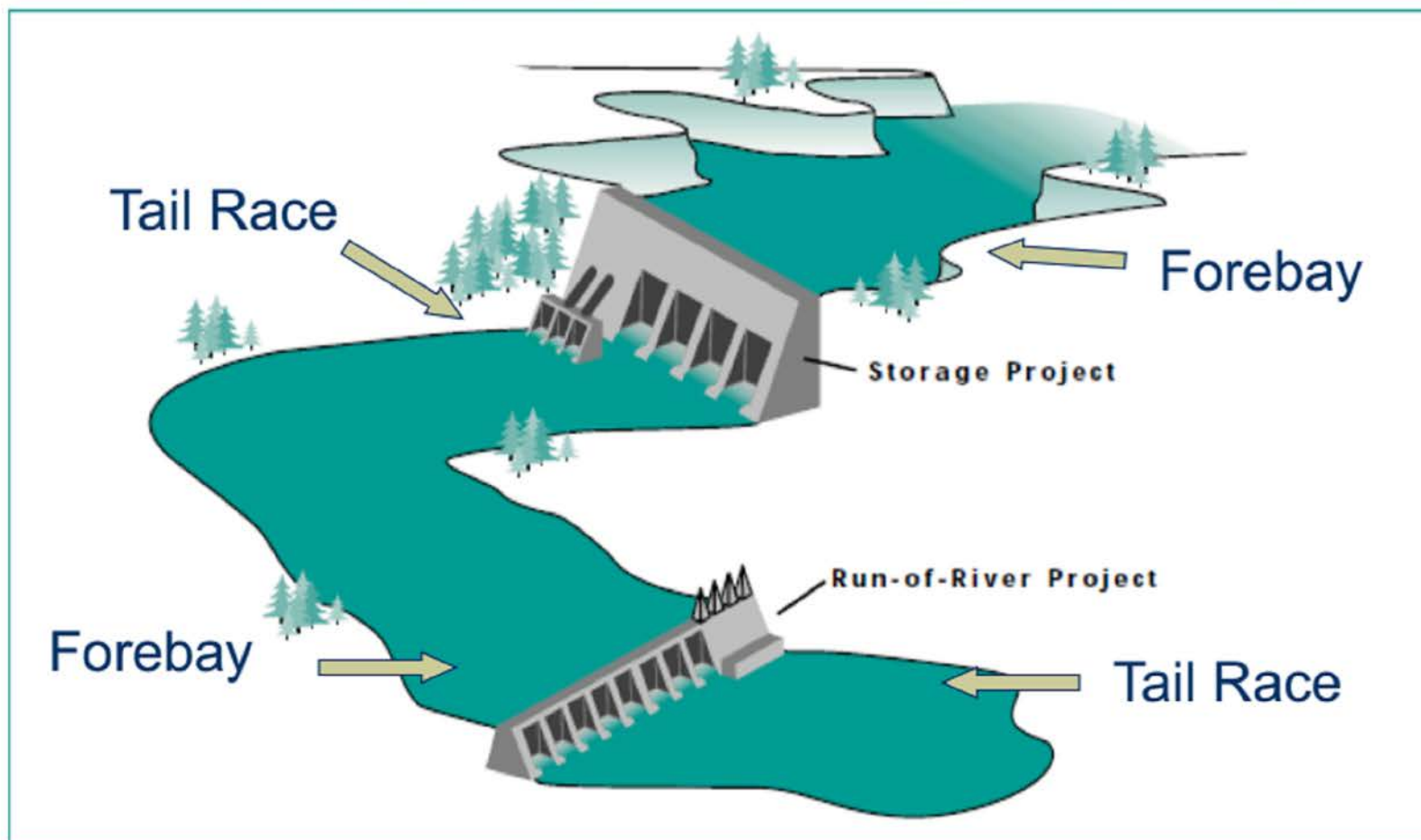




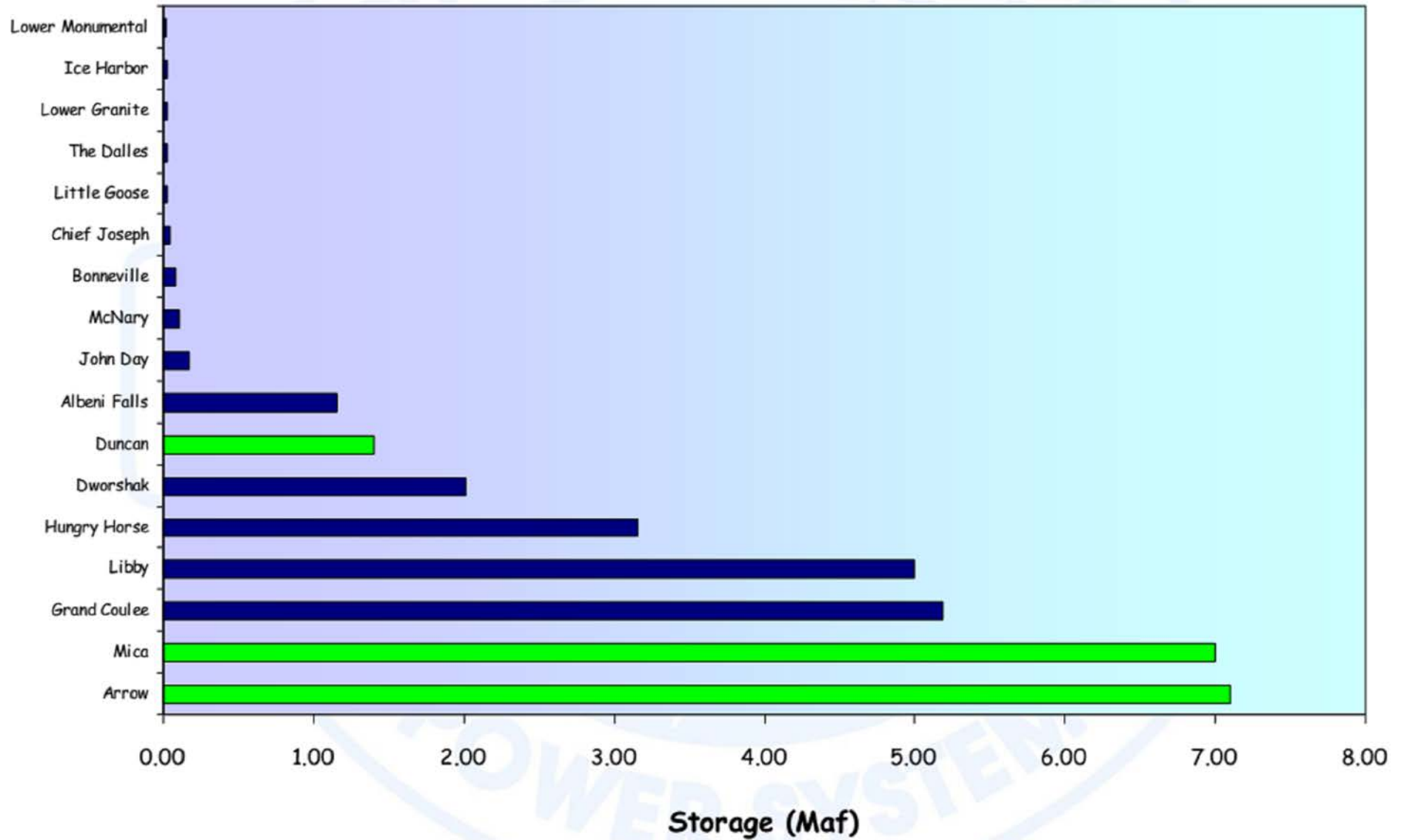
# FCRPS, Canadian, and Non-Federal Hydro Plants



## FCRPS Reservoir Categories



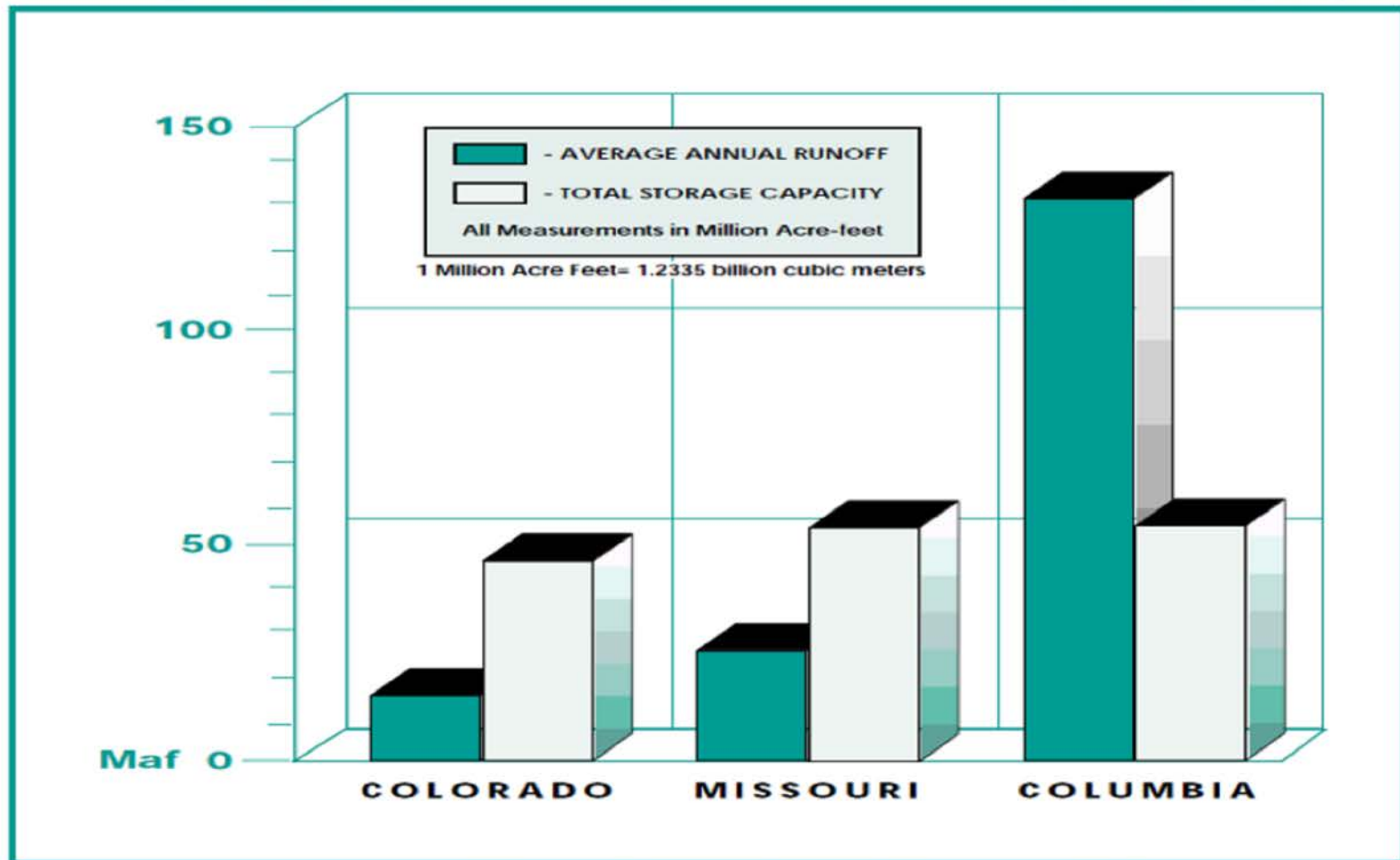
# Storage Capability





# Hydrological Data

- Federal storage about 30 MAF: Storage Limited System
  - When the FCRPS is empty, we can store 25 percent of the annual runoff.
  - The Colorado or Missouri systems can store two to three times the annual runoff.



## Operational Objectives

- The US Army Corps of Engineers and the Bureau of Reclamation operate the federal dams for multiple public purposes:
  - Flood Control
  - Navigation
  - Fish Operations (Endangered Species Act, Clean Water Act)
  - Irrigation
  - Recreation
- Power production is driven by need to manage water to meet these objectives in the most economic way possible. In other words, generating MWs is a tool for moving the water around to meet the non-power requirements. Power production is essentially a by-product of meeting the operational objectives stated above.

# Regional Stakeholders

- In addition to Bonneville, the Corps and Reclamation, there are a number of other stakeholders in the region
  - National Oceanic and Atmospheric Administration
    - ▶ National Marine Fisheries Service mission is to protect habitats under the Endangered Species Act (ESA)
  - States of Oregon, Washington, Idaho, and Montana
    - ▶ Federal and non-Federal hydro projects on rivers which pass through four states
  - Canada
    - ▶ Watersheds in Canada feed into the Columbia River
    - ▶ Columbia River Treaty
  - Tribal interests
    - ▶ Columbia Basin Fish Accords – partnership between federal agencies, states and tribes to manage and protect natural resources in the Pacific Northwest
  - Recreation
  - Irrigation
  - Rate Payers

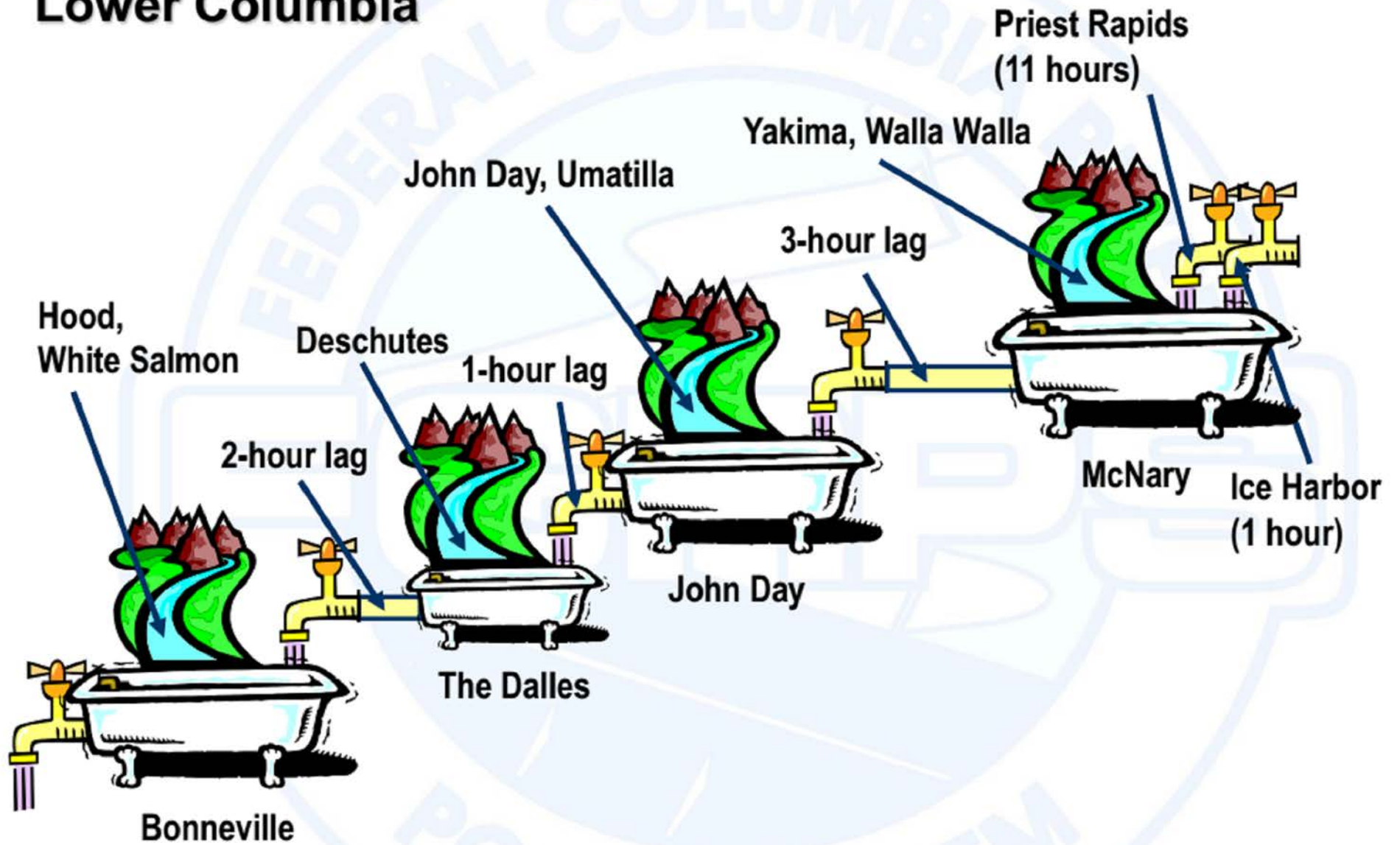


# High Level Annual FCRPS Operations Cycle

Achieved through flexing GCL storage

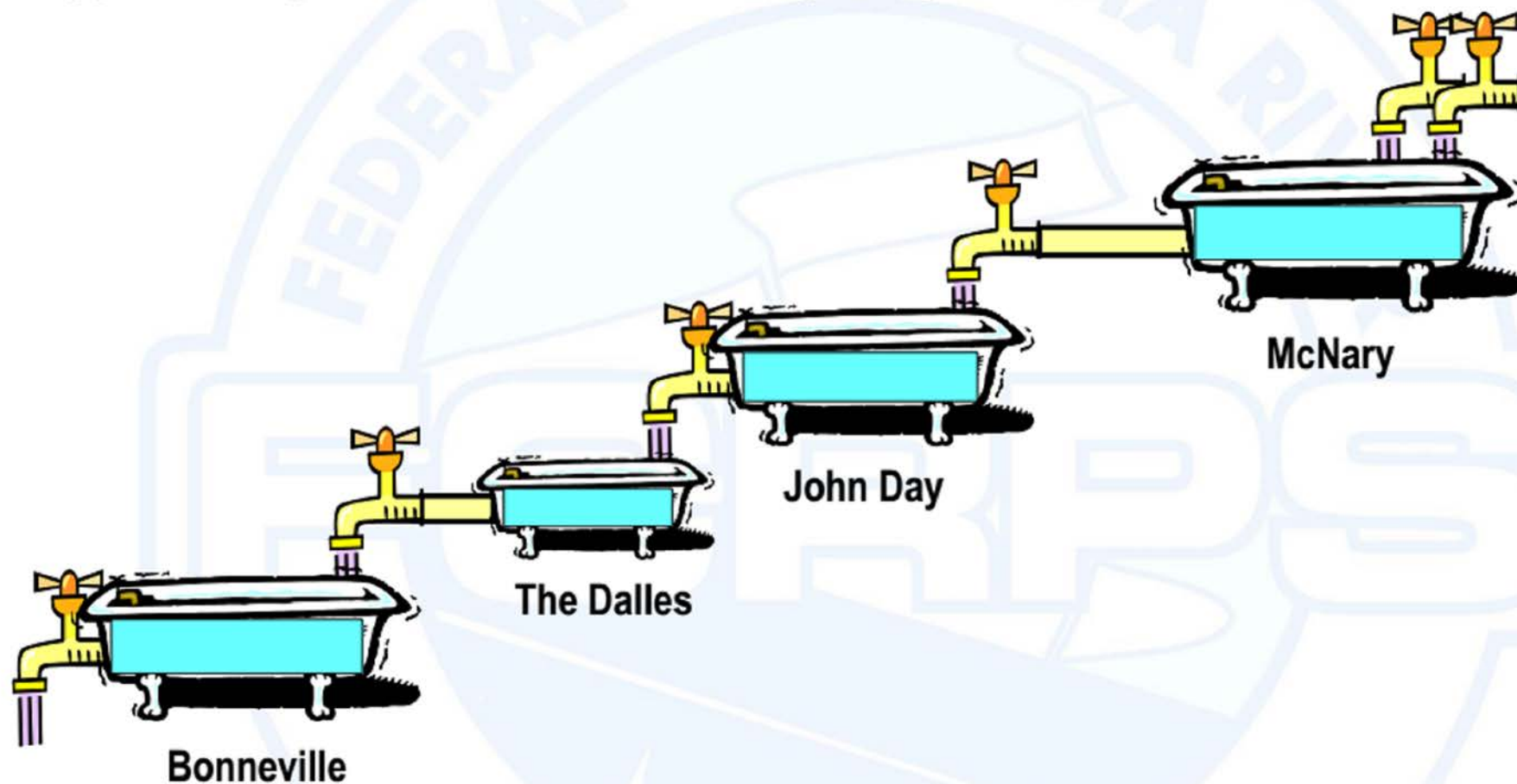
- July – August: Draft the system to augment flows supporting the ESA downstream migration of juvenile fish
- September – October: Operate the system to prepare for Fall fisheries operations at Grand Coulee, Vernita Bar, and downstream of Bonneville
- November – December: Provide hydraulic conditions for Chum, Fall Chinook, and Kokanee spawning. Meet Winter flood control requirements at headwater projects.
- January – April: Draft the system for flood control while supporting protection elevations for Chum and Fall Chinook.
  - Amount of draft depends on the water supply forecast.
- May – June: Refill the system on the Spring freshet while meeting ESA flow objectives for fish migration.

# Lower Columbia

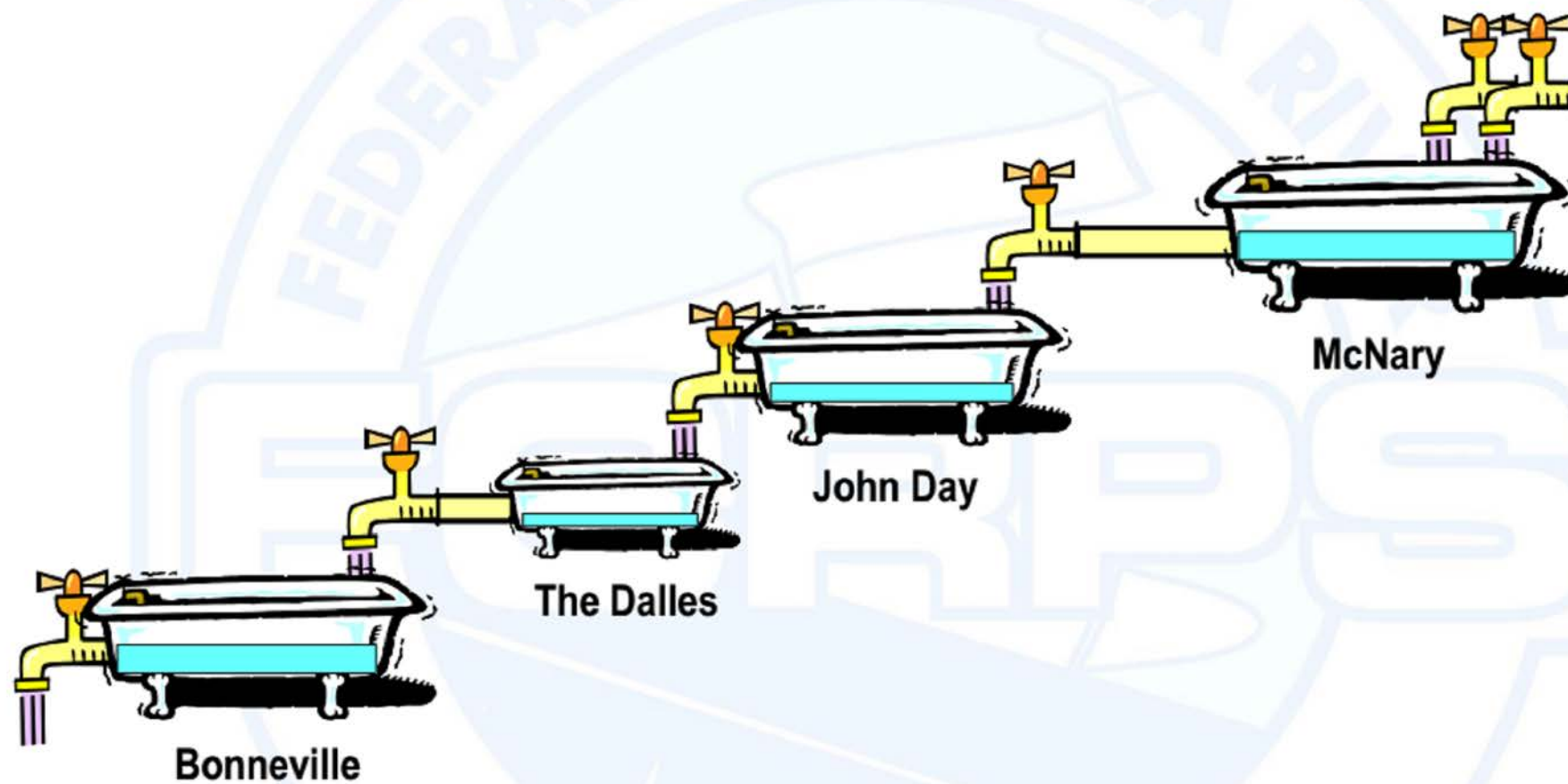




**Lower Columbia:  
Typical target volume for morning ramp**



**Typical target volume for evening drops.**



# Water Movement: Turbine vs Spill

## ■ Turbines

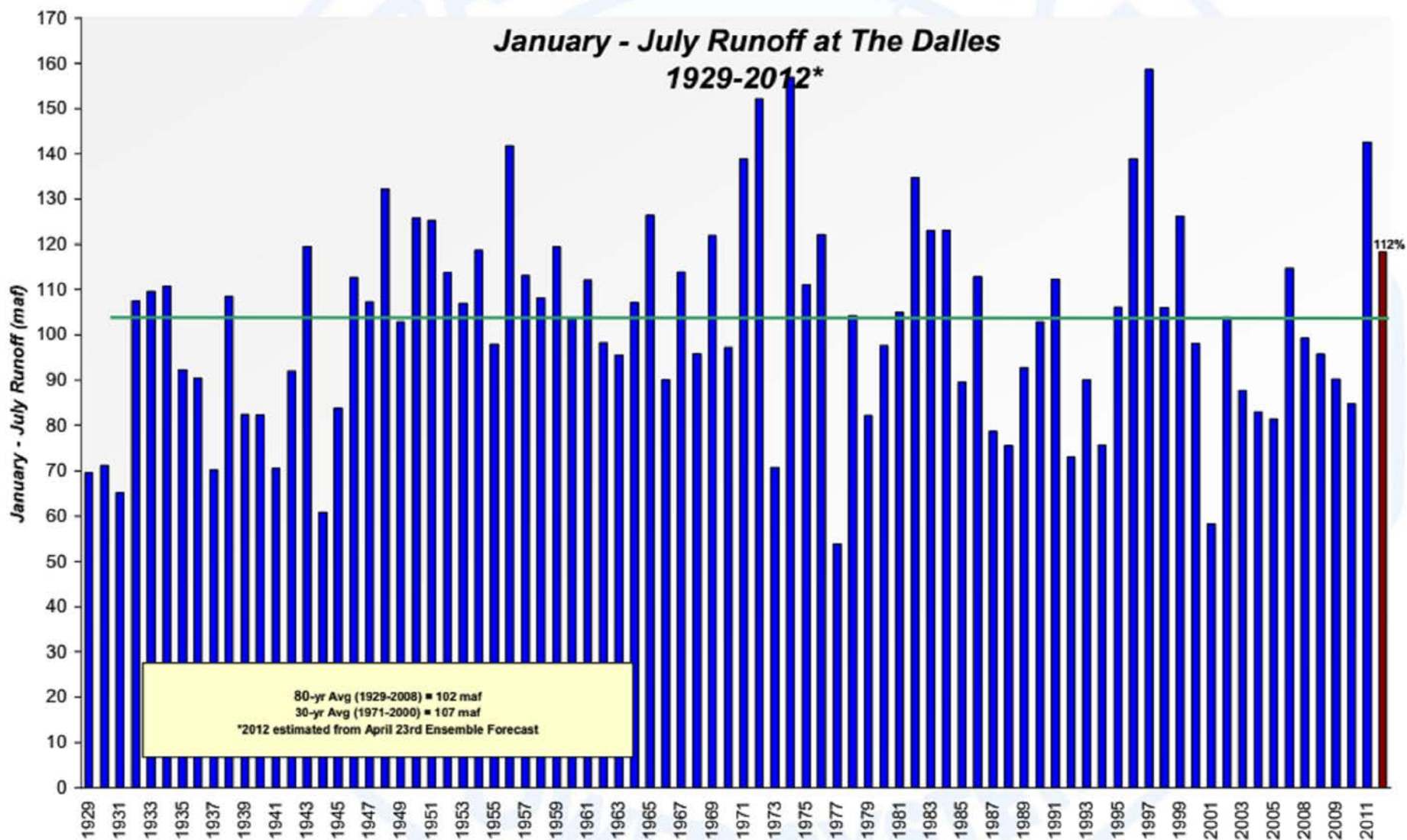
- If water is moved through the Turbines, MWs are produced and need to be used somewhere as they are generated.
  - ▶ Need to have a demand for the MWs (Load)
  - ▶ Need to have the transmission to deliver the MWs

## ■ Spill

- Spill causes super saturation of gas in the river, measured as Total Dissolved Gas (TDG) percentage
  - ▶ High TDG levels can result in gas bubble trauma in fish (similar to the bends in divers)
    - Can also occur for lower levels of TDG if the duration is long
  - ▶ Clean Water Act allows for spill levels up to 110% TDG
- TDG Waiver Process
  - ▶ The Corps requests a waiver from Oregon and a criteria adjustment from Washington which allows greater levels of TDG in the system for Biological Opinion (ESA) spill
    - Biological Opinion spill occurs April – August on Lower Snake and Lower Columbia hydro project in order to improve fish passage
  - ▶ The Corps routinely monitors TDG levels and adjusts the allowable spill accordingly



# Columbia River Annual Runoff Variability





# Managing Uncertainty

- There is a tremendous amount of uncertainty in FCRPS operations
  - Streamflows
  - Load and contract obligations
  - Non-federal project operations
  - Intermittent generation / Balancing reserves
- Tools for dealing with uncertainty:
  - Flexibility in FCRPS operations
    - ▶ Heavily constrained in some parts of the year results in very limited flexibility in some conditions, can have very limited ability for day average drafting/storing
  - Negotiate with the CORPS to move operations and outages
  - Real-time and day-ahead marketing
    - ▶ Market depth can be limited at times and very expensive
    - ▶ Recently exploring the Intra-hour market as well as CRE (Capacity Recallable Energy)
- See Appendix B for more examples of uncertainty

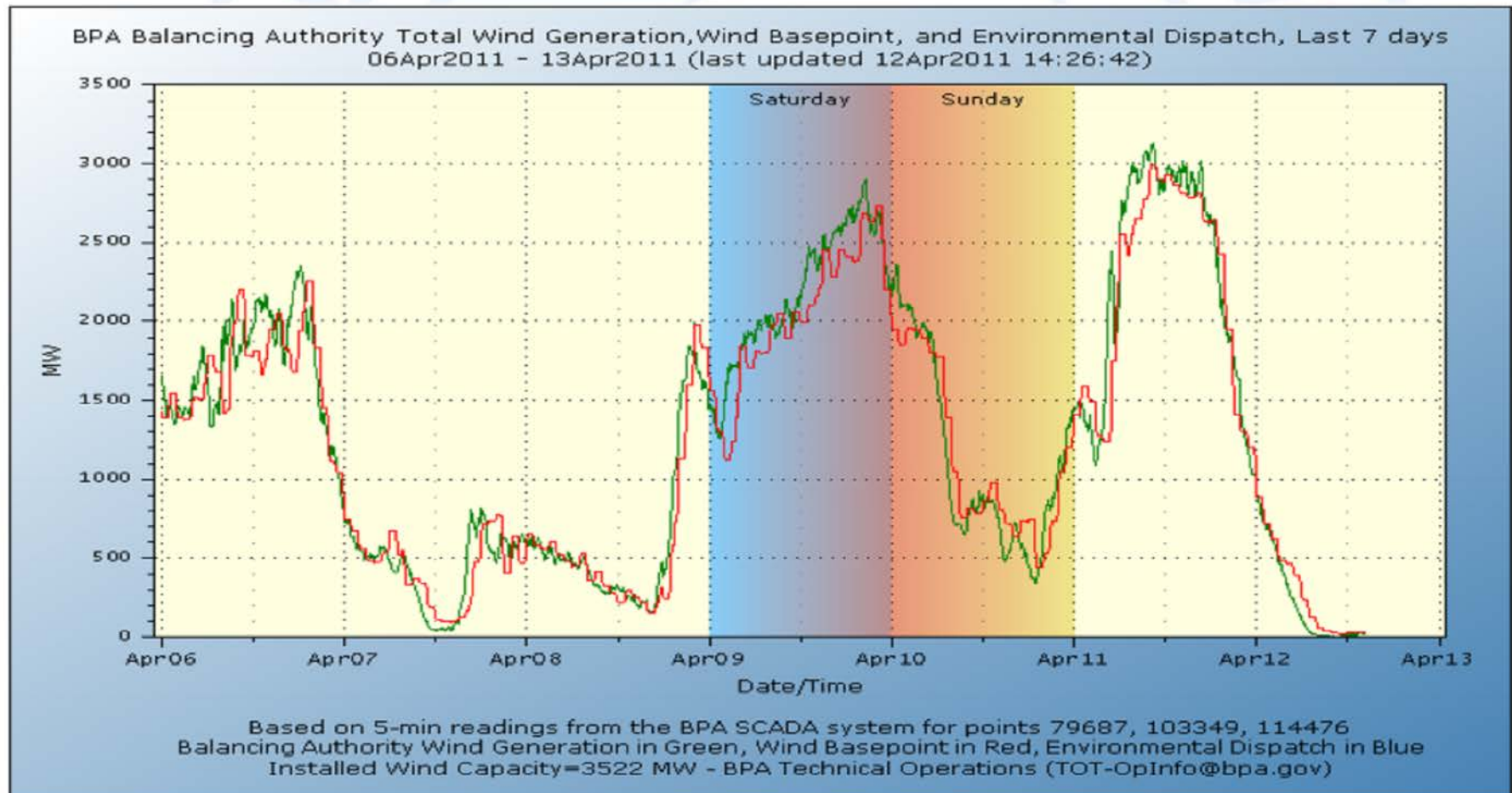
# Impacts of Wind Generation

- **Balancing Reserves**
  - Incremental (INC) reserves: capacity that is reserved for when wind generation drops or falls below the schedule within an hour
  - Decremental (DEC) reserves: generation above minimum that is reserved for when wind generation increases or is above the schedule within an hour
- **Administered by BPA's Dispatcher Standing Order (DSO) 216**
  - For June 2012 with a wind fleet of 4700 MW installed capacity, these amounts were 739 MW INC and 941 MW DEC
  - If wind generation goes beyond these levels in either direction, wind generators are instructed to reduce their output or schedules are curtailed
  - BPA informed wind project owners that there may be times when the amount of balancing reserves made available may need to be reduced for meeting reliability or high priority hydro operational requirements



# Impacts of Wind Generation

- Example of actual and scheduled wind generation
  - Red – scheduled generation; Green – actual generation



# Impacts of Wind Generation

## ■ Resources Competing for Load

- Thermal resources will generally displace at an energy price that is equal to-or-less than their fuel cost
  - ▶ However, there may be other reasons for thermal resources to run during these conditions (reliability, supplying balancing reserve, etc...)
- Some wind resources, receive production tax credits (PTC) and renewable energy credits (REC) that are based on the output of the wind
  - ▶ The energy price to displace a resource receiving these credits is negative, meaning that the seller of power would have to pay the wind resource owner to be displaced
- If the growth of wind generation exceeds the pace of load growth net of conservation, oversupply conditions such as this may become more frequent absent additional transfer capability
  - ▶ Effects of the recession have had a significant impact on the rate of load growth



## Oversupply of Generation

- Oversupply conditions occur when generation exceeds demand for power
  - Most likely to occur during the spring runoff
    - ▶ Negative power prices occurred for several weeks in June 2012 and in May/June 2011
  - BPA must take all reasonable steps to keep TDG within maximum levels consistent with water quality standards
    - ▶ This means that there is a limit on how much energy can be spilled
  - When this limit is reached, other means must be developed to balance generation and load
  - Over Supply Management:
    - ▶ Reduce generation on non-variable resources within BPA's balancing authority area to minimum
    - ▶ Replace scheduled wind generation within BPA's balancing authority area with FCRPS hydro power

## Conclusions

- The FCRPS is a significant asset of the Pacific Northwest that provides a wide variety of public benefits
- The large amount of uncertainty combined with limited operational flexibility results in challenges with simultaneously meeting all public benefits
- There are significant challenges in balancing the public benefits from a stakeholder perspective as well as a technical perspective
- Managing the rapid growth of wind in the Pacific Northwest is the latest challenge in balancing the diverse needs of the FCRPS



## Appendix A: Grand Coulee Fast Facts

- Completed in 1942 and operated by the Bureau of Reclamation.
- Five Hundred Fifty (550) feet tall
- Thirty-Three (33) total units capable of 6,809 MW (3rd largest hydro plant in the world):
  - Eighteen (18) units rated @ 125 MW.
  - Three (3) units rated @ 600 MW.
  - Three (3) units rated @ 805 MW.
  - Three (3) SSU rated @ 10 MW.
- Plant capacity represents 31 percent of federal system.
- Average generation is 28 percent of federal hydro system.
- Max/Min turbine flows of 280 kcfs / 0 kcfs
- Live storage of 2,614 ksfd (5.2 MAF), 25 percent of federal system.
- At site max H/K of 25 and total downstream of 85.



# Appendix A: Role of Grand Coulee in the FCRPS

## Power Uses:

- Generation
- Automatic Generation Control (AGC)
- Load following
- System reserves
- Mid-Columbia Hourly Coordination
- Voltage support

## Non-power Uses:

- Flood Control
- Irrigation
- Fish operations
- Lake Roosevelt recreation





## Appendix A: Chief Joseph Dam

- Authorized in 1946 for power and irrigation
- Corps of Engineers began construction 1949
- Run of River dam with 27 generating units (2,482 MW)
- First project downstream of Grand Coulee
- Operation directly relates to the operation of Grand Coulee

Recently Installed Flow Deflectors

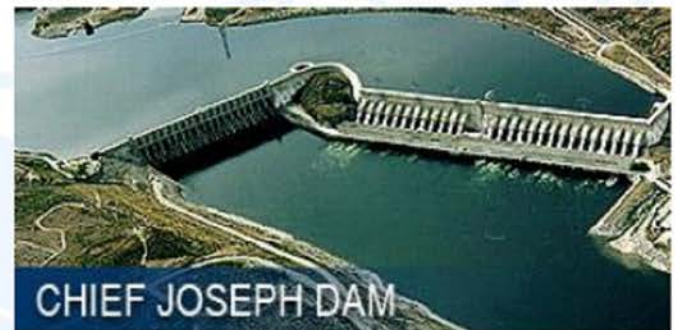


### Power Uses:

- Generation
- Automatic Generation Control (AGC)
- Load following
- Operating reserves
- Mid-Columbia Hourly Coordination
- Voltage support

### Non-power Uses:

- Irrigation (Irrigable Lands=31,536 acres)
- Dissolved Gas Abatement (recently tested to discharge 145 kcfs with only 116.5% Total Dissolve Gas!)
- Recreation



# Appendix A: Headwater Projects

## Hungry Horse Dam:

- Uses: Power (420 MW), Flood Control, Irrigation, Recreation, Fish Operations
- Fish Operations:
  - Columbia River Salmon-spring and summer flow augmentation.
  - Resident Fish – Minimum Flows, Ramp Rates, Reservoir draft limits, blocks invasive non-native species from cross breeding with native cutthroat.

Hungry Horse Dam



## Libby Dam:

- Uses: Flood Control, Power (600 MW), Recreation, Fish Operations
- Fish Operations:
  - Columbia River Salmon – spring and summer flow augmentation
  - Resident Fish – Minimum flows, ramp rates, reservoir draft limits, temperature control

Libby Dam



## Dworshak:

- Uses: Flood Control, Power (450 MW), Recreation, Fish Operations
- Fish Operations: Spring and summer flow augmentation, Temperature Control, Dworshak Nat'l fish hatchery water supply, minimum flows, ramp rates

Dworshak Dam





# Appendix A: Lower Snake FCRPS Projects

**Uses:** Power, Navigation, Irrigation, Fish Operations, Recreation.

## **Power:**

- A total of 24 generating units at the four Lower Snake River Dams provide approximately 1,022 average MW for an average water year.
- Transmission of electricity from Pacific Northwest to the Pacific Southwest.
- Voltage Support, Transmission Stability, Operating Reserves, Load/Wind Following (*Fall/Winter only due to fish ops*)

## **Navigation:**

- The four projects navigation locks provide access for barges to travel the approximately 144 miles to Lewiston Idaho.

## **Fish Operations:**

- Hundreds of millions of dollars have been spent on fish passage improvements at these projects bringing juvenile passage survival at each project to 92 to 97 %.
- The objective is for 96% in the Spring and 93% in the Summer.
- Fish Operations and features at the Lower Snake Projects include: Min. Operating Pool, Spill, Dissolved gas abatement features, Spillway weirs, fish ladders, turbine intake screens, juvenile bypass systems, predation abatement, behavior guidance devices, juvenile transportation, etc...

**Lower Granit Dam**



**Little Goose Dam**



**Ice Harbor Dam**



**Lower Monumental Dam**





# Appendix A: Lower Columbia FCRPS Projects

**Uses:** Power, Navigation, Irrigation, Fish Operations, Recreation.

## **Power:**

- A total of 70 generating units at the four Lower Columbia River Dams can provide as much as 6,600 MW.
- Voltage Support, Transmission Stability, Operating Reserves, Load/Wind Following

## **Navigation:**

- The four projects navigation locks provide important access for barges to travel upriver to the Snake River and on to Lewiston Idaho.

## **Fish Operations:**

- Hundreds of millions of dollars have been spent on fish passage improvements at these projects bringing juvenile passage survival at each project to 93 to 97 %.
- The objective is for 96% in the Spring and 93% in the Summer.
- Fish Operations and features at the Lower Columbia Projects include: Min. Operating Pool, Spill, Dissolved gas abatement features, Spillway weirs, fish ladders, turbine intake screens, juvenile bypass systems, predation abatement, behavior guidance devices, juvenile transportation, etc...

McNary Dam



John Day Dam



The Dalles Dam



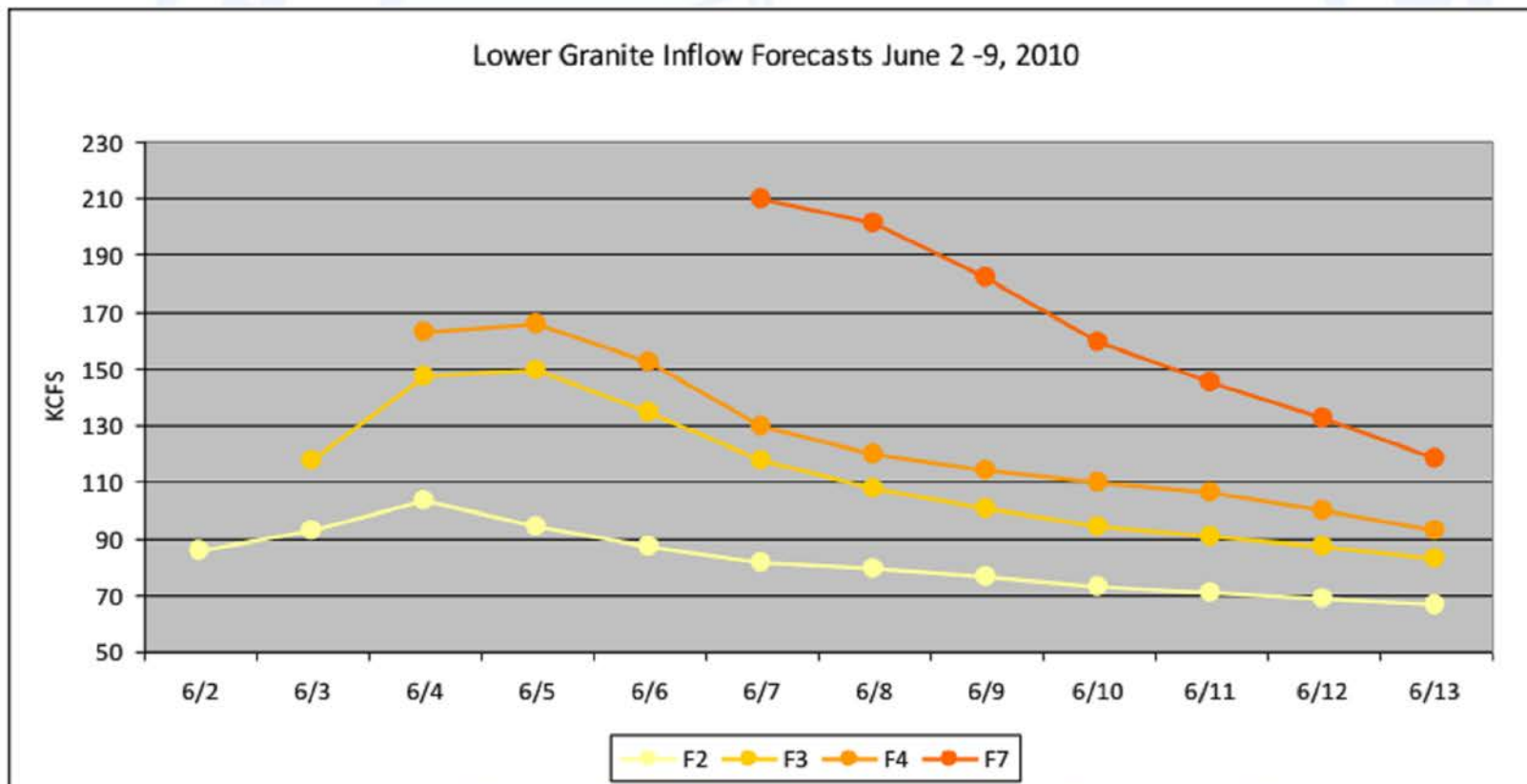
Bonneville Dam





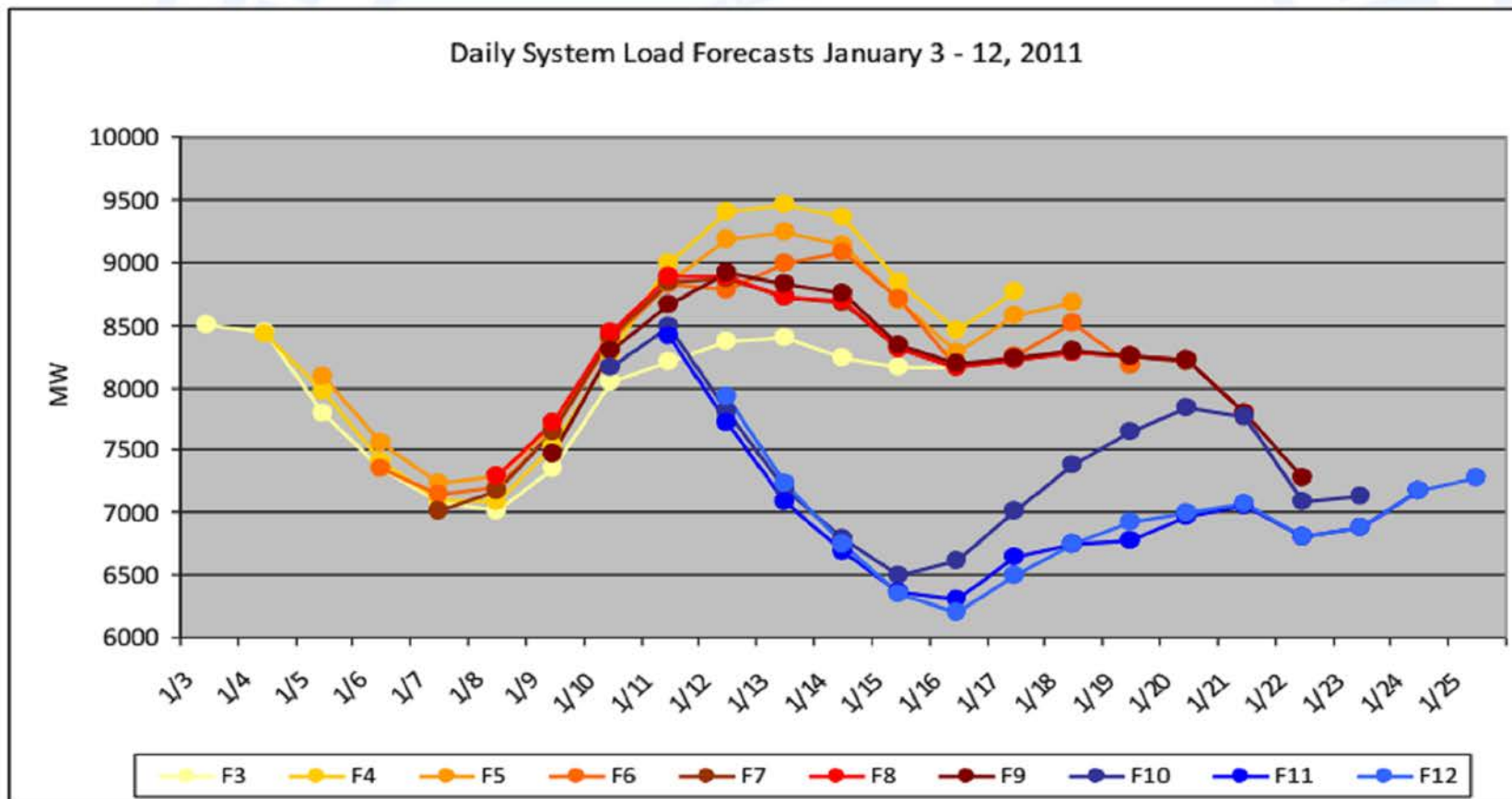
## Appendix B: Example of Streamflow Uncertainty

- The following example drawn from actual Lower Granite inflow forecasts generated in June of 2010 shows that the projected inflow into Lower Granite on June 7th ranged from 81 to 210 KCFS, nearly 130 KCFS of variation in forecast prior to the event.



## Appendix B: Example of Load Uncertainty

- This graph of actual forecasts from January of 2011 illustrates the uncertainty in loads. The forecast for our system load on January 14th ranged from 6,675 MW to 9,357 MW, nearly 3,000 aMW of variation in forecast in the week prior to the event.



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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, June 11, 2024 8:08 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] REMINDER: New Registration Link for MDWG Today

MDWG Stakeholders;

This is just a reminder that there is a new Webex link for today's meeting. With Kristen Darden's departure, any previous registrant's links might not have been removed from stakeholder calendars. Here is the new registration link for today's meeting:  
[Register](#)

Any questions please reach out to [contractor-twolfgang@spp.org](mailto:contractor-twolfgang@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, April 26, 2024 6:21 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF Meeting Minutes 4/19/24

Markets+ Congestion Rent Task Force (MCRTF) 4/19/24 Meeting Minutes have been posted to SPP.org at the link below.

[MCRTF Meeting Minutes](#)

Please direct any questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, September 22, 2023 1:07 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] Markets+ Congestion Rent Task Force 9/28/23 Meeting Materials

Markets+ Congestion Rent Task Force 9/28/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MCRTF Meeting Materials](#)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, October 18, 2023 1:48 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] MDWG 9/20/23 Meeting Minutes

Markets+ Design Working Group (MDWG) 9/20/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, February 20, 2024 8:20 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 3/12/24 Net Conference Canceled

Markets+ Design Working Group (MDWG) 3/12/24 Net Conference has been canceled. Please update your personal calendars.

**Canceled: MARKETS+ DESIGN WORKING GROUP NET CONFERENCE**

TIME: March 12, 2024 11:00AM - 5:00PM

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, October 2, 2023 11:46 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] Markets+ Seams Working Group (MSWG) 9/26/23 Meeting Minutes

Markets+ Seams Working Group (MSWG) 9/26/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MSWG Minutes](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**Sent:** Monday, October 23, 2023 3:05 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Updated: Joint MTWG MDWG 10/26/23 Meeting Materials

Updated Joint MTWG MDWG 10/26/23 Meeting Materials are posted on SPP.org at the link below:

[Meeting Materials](#)

**Updated Materials:**

01-102623 Joint MTWG MDWG Agenda – Revised

04b-10 11 2023 MDWG Minutes – Added

11a-MarketsPlus Greenhouse Gas Policy Design\_MDWG\_102623 – Added

11asupp-GHG Conceptual Design Framework\_102623 – Added

11asupp-MarketsPlus GHG Design Overview\_102623 - Added

**Meeting Time: Thursday, October 26, 2023**

9:00AM - 5:00PM (AZ & Mountain Time)

10:00AM - 6:00PM (Central Time)

11:00AM – 7:00PM (Eastern Time)

[Joint MDWG MTWG 10/26/23 Meeting Registration](#) – In-person registration is closed, however, there is a virtual attendance option available.

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**Sent:** Thursday, October 5, 2023 10:56 AM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] MCRTF 10/12/23 Meeting Materials

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[MCRTF Meeting Materials](#)

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**Sent:** Thursday, March 14, 2024 2:41 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 3/26/24 Meeting Materials

Markets+ Congestion Rent Task Force (MCRTF) 3/26/24 Meeting Materials have been posted to the SPP website at the link below:

[MCRTF Meeting Materials](#)

[MCRTF 3/26/24 Online Registration](#)

Please direct questions to Carman Ruder at [cruder@spp.org](mailto:cruder@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, November 27, 2023 3:03 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 11/28/23 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 11/28/23 Meeting Materials are posted on SPP.org at the link below:



[MDWG Meeting Materials](#)

The 11/28/2023 MDWG will meet starting at 10:30 a.m. – 5:00 p.m., CPT. Materials have been updated as follows:

New

-  03a-11 17 2023 MDWG Minutes.docx
-  04e-MarketsPlus\_Attachment A\_Scarcity Pricing\_Market Priority Award\_Reliability Back Stop\_DRAFT.docx
-  04fg-MarketsPlus\_Attachment B\_C\_SPP\_MMU Combined Edits\_112723.docx
-  04h3-Markets+ Attributing Resources to Load\_112823.pdf
-  04h4-MarketsPlus\_Attachment A\_Section 9.1.2\_Outs\_Ins\_Internals\_DRAFT\_Powerex Comments\_112223.docx
-  05d-MarketsPlus\_Attachment H\_Credit Policy\_Approved by MLEG\_112823.docx

Updated

-  01-112823 MDWG Agenda.docx
-  04k-MarketsPlus\_Attachment A\_Uncommitted Import Interchange Transactions\_DRAFT.docx
-  04l-MarketsPlus\_Attachment A\_Congestion Rent\_MCRTF Approved 112723.docx

**\*Note: The Markets+ Legal Sub-group is meeting today from 4:00 p.m. – 6:00 p.m., CPT. Following their meeting, there will be additional materials posted tomorrow for the 11/28 MDWG meeting.**

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Monday, October 30, 2023 3:58 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Feedback Requested: Markets+ Scarcity Pricing Sub-group Participants

Good evening –

The MDWG documented the following action item during their 10/26 MDWG meeting:

- **Action Item:** *Markets+ Design Working Group (MDWG) staff secretary, Kristen Darden, will send an email to the MDWG and MSWG email distribution lists seeking volunteers for a sub-group of stakeholders to work through the Markets+ Scarcity Pricing proposal, specific to the Virtuals Offer Floor/Offer Cap and Interchange Transactions Offer Floor/Offer Cap.*

If you would like to participate in this group, please send me ([kdarden@spp.org](mailto:kdarden@spp.org)) an email by EOD Wednesday, 11/1, and I will add you to the distribution list for communication.

Thank you.

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
201 Worthen Drive \* Little Rock, AR 72223-4936  
**Southwest Power Pool** | [SPP.org](http://SPP.org) | [twitter.com/SPPorg](https://twitter.com/SPPorg) | [facebook.com/SouthwestPowerPool](https://facebook.com/SouthwestPowerPool)  
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**From:** Dibble,Rachel L (BPA) - PT-5  
**Sent:** Friday, December 29, 2023 10:23 AM  
**To:** csimpson@spp.org; ltrolese@teainc.org; brian.cole@aps.com  
**Cc:** Miller,Todd E (BPA) - LP-7; Mantifel,Russell (BPA) - MTM-3; Mace,Allison R (BPA) - PTM-5; Marker,Doug R (BPA) - AIR-7; Gschwend,Neal M (BPA) - LP-7  
**Subject:** FW: [EXTERNAL] Independent Sector Voting Task Force (ISVTF) Call for Nominations  
**Attachments:** ISVTF Scope Document.pdf

BPA would like to participate in this task force. I am nominating Todd Miller to serve. However, he is not available for meetings until January 10. If you are planning to schedule meetings before that date, please let me know and I will give you another name. Thank you.

Happy new year!

---

**From:** SPP Markets+ <[marketsplus@spp.org](mailto:marketsplus@spp.org)>  
**Sent:** Friday, December 22, 2023 6:22 PM  
**Subject:** [EXTERNAL] Independent Sector Voting Task Force (ISVTF) Call for Nominations

MPEC Members,

At this week's Interim Markets+ Independent Panel (IMIP) meeting, the panel approved the governing documents of Markets+ with the exception of the voting structure within the Independent Sector for MPEC's voting purpose. As a result, the MPEC has an action item to work on potential new language addressing MPEC voting within the Independent Sector.

The specific task in question is potential replacement language for the MPEC recommended paragraph in Section 4.3.1.4 Voting Structure which states:

**Independents:** This sector includes Markets+ Market Participants that are not an IOU or a public power utility (including independent power producers and marketers of electrical power) and Markets+ Market Stakeholders. The votes for this sector will be divided such that those entities contributing generation to the Markets+ market will receive 2/3 of the sector vote and those without generation to contribute to the Markets+ market will receive 1/3 of the sector vote.

As a result of this action item, MPEC Chair Laura Trolese is soliciting nominees for a 12-member Independent Sector Voting Task Force (ISVTF). A copy of their draft scope is attached. The task force is asked to make a recommendation on a voting structure for the Independent Sector for MPEC voting purposes.

If you or our company would like to nominate someone for the ISVTF, please send your nomination to MPEC Staff Secretary Carrie Simpson ([csimpson@spp.org](mailto:csimpson@spp.org)), MPEC Chair Laura Trolese ([ltrolese@teainc.org](mailto:ltrolese@teainc.org)) and MPEC Vice Chair Brian Cole ([brian.cole@aps.com](mailto:brian.cole@aps.com)) **by COB December 29<sup>th</sup>**.

Hope everyone has a Merry Christmas!

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, April 25, 2024 1:05 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 3/26/24 Minutes

Markets+ Congestion Rent Task Force (MCRTF) 3/26/24 Minutes are posted on SPP.org at the link below.

[MCRTF Meeting Minutes](#)

Please direct any questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, July 8, 2024 6:33 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MSWG 7/11/24 Meeting Materials

Updated Markets+ Seams Working Group (MSWG) 7/11/24 Meeting Materials have been posted to the SPP website at the link below:

[Meeting Materials](#)

- 03 - MRATF Protocols track changes from 0627 posted version
- 03 - MRATF Protocols clean for task force vote

[MSWG 7/11/24 Online Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, November 2, 2023 1:47 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Markets+ Congestion Rent Task Force (MCRTF) 11/9/23 Meeting Materials

MCRTF,

The Markets+ Congestion Rent Task Force (MCRTF) Meeting Materials for the November 09, 2023 meeting have been posted. The materials include tariff language that will be voted on during the meeting. Any comments on the published tariff language will be reviewed during the MCRTF meeting and should be sent to all of the following emails:

[gtcrowson@spp.org](mailto:gtcrowson@spp.org) (Gentry Crowson)

[cruder@spp.org](mailto:cruder@spp.org) (Carman Ruder)

[mcbailey@spp.org](mailto:mcbailey@spp.org) (Micha Bailey)

[MCRTF Meeting Materials](#)

Direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, February 15, 2024 10:58 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG 2/15/24 Meeting Materials

Updated Markets+ Design Working Group 2/15/24 Meeting Materials have been posted to the SPP website at the link below:

[MDWG Meeting Materials](#)

Added:

- GHG settlements Updated 021524
- 

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, October 10, 2023 1:19 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Markets+ Seams Working Group (MSWG) 10/17/23 Meeting Materials

Markets+ Seams Working Group (MSWG) 10/17/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MSWG Meeting Materials 20231017](#)

[MSWG 10/17/23 Online Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, October 6, 2023 1:51 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Updated: MDWG 10/11/23 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 10/11/23 Meeting Materials have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

Updated:  
01-101123 MDWG Agenda

Added:  
03a-Interchange Transactions MDWG Education  
03asupp-M+ Interchange Transaction Concept Paper\_ Boundary Transactions  
03b-Market Award Priority Education to MDWG\_101023  
04b-Attachment A\_Sec 4.3 through 4.3.3\_Interchange Transactions

[MDWG 10/11/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, April 19, 2024 6:27 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 4/19/24 Net Conference Update

Updated: MARKETS+ CONGESTION RENT TASK FORCE (MCRTF) NET CONFERENCE  
TIME: April 19, 2024 10:00AM - 12:00PM  
TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[Updated MCRTF 4/19 Registration](#)

Please direct any questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, February 6, 2024 2:23 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG 2/8/24 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 2/8/24 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

**Updated**

01-020824 MDWG Agenda

**New**

02a-MarketsPlus\_Attachment A\_GHG Settlements  
Supplemental-MDWG Proposed Motions\_020824

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, April 18, 2024 2:26 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG-MRATF Meeting Materials 4/11/24

Hello Task Force members:

Thank you for your patience as we worked to refine this draft further. Please see draft two of the Must Offer Protocols located in the MSWG-MRATF Meeting Materials on SPP.org using the link below. Please provide comments and feedback by midnight on 04/30/2024 using the RMS system.

[MSWG-MRATF Meeting Materials](#)

[Request Managment System](#)

If you have questions, please contact Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Tuesday, October 17, 2023 10:24 AM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] 10/26 Joint MTWG/MDWG Registration

**Importance:** High

Good afternoon –

If you have not registered as to attend in person, the MDWG meeting to be held at APS in Phoenix, 1) please let me know if you plan on attending in person and 2) register on SPP.org.

**\*10/26 Joint MTWG/MDWG Registration:** <https://www.spp.org/calendar-list/marketsplus-design-working-grouptransmission-working-group-face-to-face-20231026/>

Thank you!

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, May 16, 2024 2:37 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG-MRATF 5/9/24 Minutes Posted

Joint Markets+ Seams Working Group (MSWG) and Markets+ Resource Adequacy Task Force (MRATF) 5/9/24 Minutes have been posted to SPP.org at the link below:

[MSWG-MRATF Minutes](#)

Please direct any questions to Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, February 28, 2024 1:26 PM  
**To:** Dibble,Rachel L (BPA) - PT-5; SPP Markets+; Trolese, Laura  
**Cc:** Marker,Doug R (BPA) - AIR-7; Hayes,Matthew C (BPA) - MTM-3; Mantifel,Russell (BPA) - MTM-3  
**Subject:** RE: [EXTERNAL] Markets+ participant organization external affairs contact information

Thanks, Rachel!

---

**From:** Dibble,Rachel L (BPA) - PT-5 <[rldibble@bpa.gov](mailto:rldibble@bpa.gov)>  
**Sent:** Tuesday, February 27, 2024 5:55 PM  
**To:** SPP Markets+ <[marketsplus@spp.org](mailto:marketsplus@spp.org)>; Trolese, Laura <[ltrolese@teainc.org](mailto:ltrolese@teainc.org)>  
**Cc:** Marker,Doug R (BPA) - AIR-7 <[drmarker@bpa.gov](mailto:drmarker@bpa.gov)>; Hayes,Matthew C (BPA) - MTM-3 <[mchayes@bpa.gov](mailto:mchayes@bpa.gov)>; Mantifel, Russ <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>  
**Subject:** \*\*External Email\*\* RE: [EXTERNAL] Markets+ participant organization external affairs contact information

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We can't access Google docs from our network so I'm sending via email. Please include the names below as BPA reps. Thank you.

Doug Marker ([drmarker@bpa.gov](mailto:drmarker@bpa.gov))

Matt Hayes ([mchayes@bpa.gov](mailto:mchayes@bpa.gov))

---

**From:** SPP Markets+ <[marketsplus@spp.org](mailto:marketsplus@spp.org)>  
**Sent:** Friday, February 23, 2024 8:40 AM  
**Subject:** [EXTERNAL] Markets+ participant organization external affairs contact information

*This email is sent on behalf of Laura Trolese, chair of the Markets+ Participant Executive Committee (MPEC).*

Dear MPEC reps,

Thank you for your continued dedication and commitment to the development of Markets+. I appreciate the unique perspective each of your organizations brings to the stakeholder process. I am looking forward to the ongoing collaboration as we continue developing a market solution that provides value and benefit for all participants.

As we approach a significant milestone in the progress of Markets+, SPP staff would like to collaborate with and support each of our entities in the areas of communications, external relations and government affairs. By connecting with their counterparts in these areas, SPP staff can help your organization's external affairs professionals gain a greater



understanding of SPP and Markets+ and better ensure we're all equipped to answer questions from members of the media, lawmakers, regulators and others.

To enable this new level of collaboration, I'm asking you to take a moment to provide the appropriate communications, external relations and government affairs contacts from your organization. You can use the form below to submit the contact information to the SPP Communications team. They will reach out to begin developing relationships and make plans to meet and assist in coordinating communication regarding Markets+ over the next few months, beginning with an introductory webinar to be scheduled in late February or early March.

Thanks again for all you have done and are doing to drive this effort forward.

Laura Trolese

[Contact Submission Link](#)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, July 30, 2024 2:29 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG August Meeting

MDWG August meeting has been updated on SPP.org at the link below. Please update your personal calendars.

**MARKETS+ DESIGN WORKING GROUP NET CONFERENCE**

~~TIME: August 15, 2024 11:00AM – 5:00PM~~

~~August 16, 2024 11:00AM – 3:00PM~~

~~TIME ZONE: (UTC-06:00) Central Time (US & Canada)~~

**Updated: MARKETS+ DESIGN WORKING GROUP NET CONFERENCE**

TIME: August 26, 2024 11:00AM - 5:00PM

August 27, 2024 11:00AM - 3:00PM

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MDWG 8/26-27/24 Online Registration](#) – If you have already registered, you will not need to register again.

Please direct any questions to Tracy Wolfgang at [twolfgang@utilicast.com](mailto:twolfgang@utilicast.com).

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Tuesday, March 5, 2024 11:06 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated Markets+ Seams Working Group/Resource Adequacy Task Force Joint Net Conference 3/14/24 Meeting Time

Markets+ Seams Working Group/Resource Adequacy Task Force Joint Net Conference 3/14/24 meeting time has been extended 1 hour. The meeting will now end at 5:00PM CST. Please update your personal calendars.

**MARKETS+ SEAMS WORKING GROUP/RESOURCE ADEQUACY TASK FORCE JOINT NET CONFERENCE**

**TIME:** March 14, 2024 12:00PM - 5:00PM

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

[Online Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, February 14, 2024 2:44 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2/15/24 Meeting Materials

Markets+ Design Working Group (MDWG) 2/15/24 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

[MDWG 2/15/24 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, May 10, 2024 2:53 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG 5/14/24 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 5/14/24 Meeting Materials are posted to SPP.org at the link below.

[MDWG Meeting Materials](#)

[MDWG 5/14/24 Online registration](#)

**New**

09-MDWG AI28\_Turn Around Ramp Rate Factors\_051424  
10b-Protocols\_4.3 DA\_4.4.1.2 Load Deviation Exemption

**Updated**

03a-4 9 2024 MDWG Minutes

Please direct any questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, April 16, 2024 1:48 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 4/9/24 Meeting Minutes

Markets+ Design Working Group 4/9/24 Meeting Minutes have been posted to the SPP website at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, June 11, 2024 1:41 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 6/18/24 Meeting Materials

Markets+ Congestion Rent Task Force (MCRTF) 6/18/24 Meeting Materials have been posted to the SPP website at the link below:

[MCRTF Meeting Materials](#)

[MCRTF 6/18/24 Online Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

---

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, January 9, 2024 2:38 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Posted: Congestion Rent Tariff Definitions 7.16 - Reviewed by Holistic Team

Markets+ Congestion Rent Task Force,

As a part of SPP Markets+ Holistic Tariff Review, a few slight modifications have been made to the Congestion Rent definitions and Sections 7.16, and 7.16.1. These changes include grammatical, formatting, and clarifying edits. No substantive changes to intent were made. Sections 9.2.13-15 remain untouched. The document titled 'Congestion Rent Tariff Definitions 7.16 - Reviewed by Holistic Team' has been posted on SPP.org at the link below and will be used for review by the MDWG on 1/11/2024.

[MCRTF Meeting Materials](#)

Please reach out to Gentry Crowson, [gtcrowson@spp.org](mailto:gtcrowson@spp.org), if there are any questions.

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, February 20, 2024 2:08 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 2/27/24 Meeting Materials

Markets+ Congestion Rent Task Force (MCRTF) 2/27/24 Meeting Materials have been posted to the SPP website at the link below:

[MCRTF Meeting Materials](#)

[MCRTF 2/27/24 Online Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, May 21, 2024 1:43 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 5/14/2024 Minutes Posted

Markets+ Design Working Group (MDWG) 5/14/24 Minutes have been posted to SPP.org at the link below.

[MDWG Minutes](#)

Please direct any questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Thursday, October 26, 2023 5:45 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Today's, 10/26, Joint MTWG/MDWG Meeting Start Time  
**Attachments:** 01-102623 Joint MTWG MDWG Agenda.docx

Good morning –

Friendly reminder the joint Markets+ Transmission Working Group and Markets+ Design Working Group starts at **9:00 a.m., PT (10:00 a.m., MT/11:00 a.m., CPT)**. The website inaccurately reflects 9:00 a.m., MT. It will be updated momentarily. Agenda is attached.

Thank you, and I apologize for the confusion!

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
201 Worthen Drive \* Little Rock, AR 72223-4936  
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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Wednesday, January 10, 2024 3:05 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 1/11/24 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 1/11/24 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

The January 11<sup>th</sup>, 2024 MDWG materials have been updated with the following three materials for **Agenda Item 4F (Greenhouse Gas)**:

- 04f1-MGHGTF Jan 8 Meeting Outcomes.pptx
- 04f2-20240108 MGHGTF Recommendation to MDWG.docx
- 04f3-MGHGTF Parking Lot\_ENDORSED 20240108.xlsx

Sincerely,

---

**Russell Carey** (he/him/his) | Principal Stakeholder Affairs Liaison  
[rcarey@spp.org](mailto:rcarey@spp.org) | Direct: (501) 482-2382 | Mobile: (b)(6)  
Southwest Power Pool | [SPP.org](https://www.spp.org) | [twitter.com/SPPorg](https://twitter.com/SPPorg) | [facebook.com/SouthwestPowerPool](https://facebook.com/SouthwestPowerPool)  
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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, October 3, 2023 2:45 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Markets+ Design Working Group (MDWG) 10/10/23 Meeting Materials

Markets+ Design Working Group (MDWG) 10/10/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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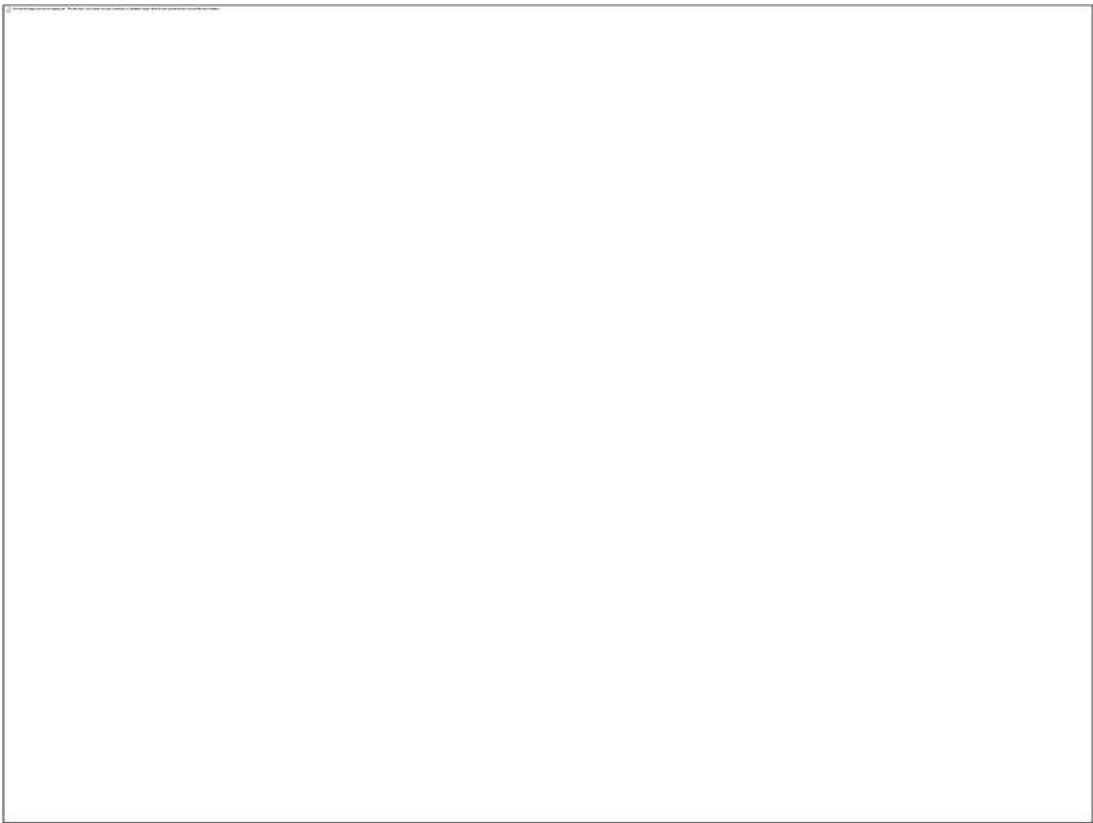
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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Tuesday, May 14, 2024 12:59 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] An Introduction to Markets+ : Register Now for Training



# Power Up: An Introduction to Markets+

SPP Stakeholder Training team is offering a free course for those wanting to learn more about the roles, components, and features of the Markets+ market. This virtual instructor-led session is part of a phased training program that aligns with the development of Markets+.



## Upcoming Course Information

**Power Up: An Introduction to Markets+**

Thursday, June 12  
9am - 1pm MT

[Register Now](#)

**During the session, attendees will gain a high-level introduction to topics such as:**

- *What is an Energy Market?*
- *What are the key roles in the Markets(+) market?*
- *What are the key components of the Markets(+) market, their purpose, and their relationships?*
- *What are the key features of each component of the Markets(+) market?*

**This will be the final introductory course for 2024.  
Secure your spot today!**

*NOTE: This session is a high-level, conceptual introduction to the Markets(+) market and will not provide in-depth details. SPP will offer additional training sessions that provide greater technical detail at a later time.*

[Click Here to Register](#)

**Registration Notes:**

If you do not yet have an SPP Learning Center account, click the orange Register button on the login page.

- The Division will be your Company Name. (Note: If your organization is not listed, select "Other Non-Member".)
- The Position is either Member or Non-Member. (Select Member if your organization is a member of SPP; otherwise, select Non-Member.)

For questions, please contact [bgifford@spp.org](mailto:bgifford@spp.org).

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**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Thursday, December 7, 2023 1:10 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] 12/1 MDWG Proxy

Hey Russ –

Will you respond to this email confirming Sara Eaton as your proxy for the 12/1 MDWG meeting? I thought I had the email somewhere, but I can't find it. I'll need it for Minutes documentation.

Thanks and sorry for the inconvenience!

Kristen Darden | Senior Market Analyst | Western Services Development | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
201 Worthen Drive \* Little Rock, AR 72223-4936  
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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, January 4, 2024 3:23 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/11/24 Meeting Materials

Markets+ Design Working Group 1/11/24 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials 20240111](#)

[MDWG 1/11/24 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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---

**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Friday, July 26, 2024 2:46 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 7/22/24 Meeting Minutes

Markets+ Design Working Group (MDWG) 7/22/24 Meeting Minutes have been posted to the SPP website at the link below:

[MDWG Minutes](#)

Please direct questions to Tracy Wolfgang at [contractor-twolfgang@spp.org](mailto:contractor-twolfgang@spp.org).

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---

**From:** Meyers,Andrew P (BPA) - B-3  
**Sent:** Friday, August 4, 2023 9:47 AM  
**To:** Meghan D. Sever; Kristen Darden  
**Cc:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** RE: [EXTERNAL] RE: BPA in person attendance at next week's MPEC

Thanks Meghan...I'll ask her to reach out to you.

Andy Meyers

[apmeyers@bpa.gov](mailto:apmeyers@bpa.gov)

(w) 503-230-3014 | (c)(b)(6)

Bonneville Power Administration

Market Initiatives

Attn: B-3

905 NE 11<sup>th</sup> Ave

Portland, OR 97232

---

**From:** Meghan D. Sever <msever@spp.org>  
**Sent:** Friday, August 4, 2023 9:26 AM  
**To:** Meyers,Andrew P (BPA) - B-3 <apmeyers@bpa.gov>; Kristen Darden <kdarden@spp.org>  
**Cc:** Mantifel,Russell (BPA) - PGL-5 <rxmantifel@bpa.gov>  
**Subject:** RE: [EXTERNAL] RE: BPA in person attendance at next week's MPEC

Hi, Andy –

I can help Michelle with her account issues. Can you have her email me what the issue is?

Thanks,

Meghan Sever | Senior Communication Strategist | [msever@spp.org](mailto:msever@spp.org) | (501) 482-2393  
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**From:** Meyers,Andrew P (BPA) - B-3 <[apmeyers@bpa.gov](mailto:apmeyers@bpa.gov)>  
**Sent:** Friday, August 4, 2023 11:14 AM  
**To:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>  
**Cc:** Mantifel, Russ <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>; Meghan D. Sever <[msever@spp.org](mailto:msever@spp.org)>  
**Subject:** \*\*External Email\*\* RE: [EXTERNAL] RE: BPA in person attendance at next week's MPEC

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Kristen & Meghan,



I mis-spoke slightly regarding the list already registering. Apparently Michelle Manary has not been able to register. She indicated some difficulty with her SPP account.

Andy Meyers

[apmeyers@bpa.gov](mailto:apmeyers@bpa.gov)

(w) 503-230-3014 | (c)(b)(6)

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---

**From:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>

**Sent:** Friday, August 4, 2023 9:11 AM

**To:** Meyers,Andrew P (BPA) - B-3 <[apmeyers@bpa.gov](mailto:apmeyers@bpa.gov)>

**Cc:** Mantifel,Russell (BPA) - PGL-5 <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>; Meghan D. Sever <[msever@spp.org](mailto:msever@spp.org)>

**Subject:** [EXTERNAL] RE: BPA in person attendance at next week's MPEC

Thank you for sending this over, Andy. I've looped in Meghan Sever who is the Communications point of contact for the MPEC/IMIP meetings to let her know.

Thanks!

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-

(b)(6)

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**From:** Meyers,Andrew P (BPA) - B-3 <[apmeyers@bpa.gov](mailto:apmeyers@bpa.gov)>

**Sent:** Friday, August 4, 2023 11:07 AM

**To:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>

**Cc:** Mantifel, Russ <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>

**Subject:** \*\*External Email\*\* BPA in person attendance at next week's MPEC

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Hi Kristen,

I have had a few internal BPA people reach out to me after they registered for next week's MPEC. I think they may have registered for in person attendance after the Monday deadline. To avoid any confusion, I wanted to share the expected list of BPA attendees. To the best of my knowledge each of these individuals has already registered.

1. Rachel Dibble
2. Russ Mantifel
3. Michelle Manary
4. Libby Kirby
5. Andy Meyers
6. Matt Hayes

7. Sara Eaton
8. Mai Truong
9. Rebecca Fredrickson

Thanks,  
Andy

Andy Meyers

[apmeyers@bpa.gov](mailto:apmeyers@bpa.gov)

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**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Monday, October 23, 2023 8:12 AM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] 10/26 Joint MTWG/MDWG Meeting In Person Attendance  
  
**Importance:** High

Good morning –

If you are attending the **10/26 MDWG/MTWG meeting** and are **not** a US Citizen, APS security requires the following information be sent to APS ([sonja.schroder@aps.com](mailto:sonja.schroder@aps.com)) by noon CPT (10:00 a.m. PT/11:00 a.m. MT),  
Today, Monday, 10/23:

1. Your name
2. Copy of passport
3. Form I-9 complete

Per APS Compliance requirements, you will not be allowed to attend the meeting if you have not sent over the information to APS.

Thank you.

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
201 Worthen Drive \* Little Rock, AR 72223-4936  
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---

**From:** Meghan D. Sever <msever@spp.org>  
**Sent:** Friday, March 1, 2024 8:37 AM  
**To:** Dibble,Rachel L (BPA) - PT-5  
**Cc:** Marker,Doug R (BPA) - AIR-7; Hayes,Matthew C (BPA) - MTM-3; Mantifel,Russell (BPA) - MTM-3  
**Subject:** RE: [EXTERNAL] Markets+ participant organization external affairs contact information

Hi, all –

Please provide the following info for Doug and Matt so we can make sure we've categorized BPA's external affairs contacts correctly:

- Job title
- Phone number
- Mailing address
- Job Role (Communications, External Affairs, Government Affairs, a combination of these or "other")

Thanks

Meghan Sever | Senior Communication Strategist | [msever@spp.org](mailto:msever@spp.org) | (501) 482-2393  
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**From:** Dibble,Rachel L (BPA) - PT-5 <[rldibble@bpa.gov](mailto:rldibble@bpa.gov)>  
**Sent:** Tuesday, February 27, 2024 5:55 PM  
**To:** SPP Markets+ <[marketsplus@spp.org](mailto:marketsplus@spp.org)>; Trolese, Laura <[ltrolese@teainc.org](mailto:ltrolese@teainc.org)>  
**Cc:** Marker,Doug R (BPA) - AIR-7 <[drmarker@bpa.gov](mailto:drmarker@bpa.gov)>; Hayes,Matthew C (BPA) - MTM-3 <[mchayes@bpa.gov](mailto:mchayes@bpa.gov)>; Mantifel, Russ <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>  
**Subject:** \*\*External Email\*\* RE: [EXTERNAL] Markets+ participant organization external affairs contact information

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We can't access Google docs from our network so I'm sending via email. Please include the names below as BPA reps. Thank you.

Doug Marker ([drmarker@bpa.gov](mailto:drmarker@bpa.gov))

Matt Hayes ([mchayes@bpa.gov](mailto:mchayes@bpa.gov))



---

**From:** SPP Markets+ <[marketsplus@spp.org](mailto:marketsplus@spp.org)>

**Sent:** Friday, February 23, 2024 8:40 AM

**Subject:** [EXTERNAL] Markets+ participant organization external affairs contact information

*This email is sent on behalf of Laura Trolese, chair of the Markets+ Participant Executive Committee (MPEC).*

Dear MPEC reps,

Thank you for your continued dedication and commitment to the development of Markets+. I appreciate the unique perspective each of your organizations brings to the stakeholder process. I am looking forward to the ongoing collaboration as we continue developing a market solution that provides value and benefit for all participants.

As we approach a significant milestone in the progress of Markets+, SPP staff would like to collaborate with and support each of our entities in the areas of communications, external relations and government affairs. By connecting with their counterparts in these areas, SPP staff can help your organization's external affairs professionals gain a greater understanding of SPP and Markets+ and better ensure we're all equipped to answer questions from members of the media, lawmakers, regulators and others.

To enable this new level of collaboration, I'm asking you to take a moment to provide the appropriate communications, external relations and government affairs contacts from your organization. You can use the form below to submit the contact information to the SPP Communications team. They will reach out to begin developing relationships and make plans to meet and assist in coordinating communication regarding Markets+ over the next few months, beginning with an introductory webinar to be scheduled in late February or early March.

Thanks again for all you have done and are doing to drive this effort forward.

Laura Trolese

[Contact Submission Link](#)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, April 12, 2024 12:25 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 4/19/24 Meeting Materials

Markets+ Congestion Rent Task Force (MCRTF) 4/19/24 Meeting Materials have been posted to the SPP website at the link below:

[MCRTF Meeting Materials](#)

[MCRTF 4/19/24 Online Registration](#)

For questions please contact Gentry Crowson, [gtcrowson@spp.org](mailto:gtcrowson@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, May 23, 2024 11:26 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG 5/14/24 Meeting Materials

Markets+ Design Working Group (MDWG) 5/14/24 Meeting materials have been updated on SPP.org at the link below. The following files were added to the MDWG meeting materials from 5/14/24 and include updates from the meeting and internal review as of 5/23/24.

05b-Draft Protocols\_2 Intro\_3 Overview updated 05\_23\_24

05c-Draft Protocols\_4.2 Pre DA\_4.2.5.2 MDFA Results updated 05\_23\_24

10a-Draft Protocols\_4 Energy and Flex Markets Processes\_4.1.6 Outage Scheduling and Reporting updated 05\_23\_24

10b-Draft Protocols\_4.3 DA\_4.4.4.1.2 Load Deviation Exemption updated 05\_23\_24

[MDWG Meeting Materials](#)

Please direct any questions to Tracy Wolfgang at [twolfgang@utilicast.com](mailto:twolfgang@utilicast.com).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, July 16, 2024 2:23 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG 7/15-16/24 Joint Settlements Meeting Materials Posted

Markets+ Stakeholders,

Please see updates to the files shared at the MDWG Joint Settlements Meeting on July 15 and 16, 2024 at Tri-State in Denver. This latest posting includes all the materials shared during the past two days.

**MDWG Meeting Materials**

Any questions, please reach out to Tracy Wolfgang [contractor-twolfgang@spp.org](mailto:contractor-twolfgang@spp.org) or Carman Ruder [cruder@spp.org](mailto:cruder@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, November 29, 2023 10:47 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 12/1/23 Net Conference Registration

**MARKETS+ DESIGN WORKING GROUP (MDWG) NET CONFERENCE**

TIME: December 01, 2023 11:00AM - 4:00PM

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MDWG 12/1/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Wednesday, September 20, 2023 8:28 AM  
**To:** Markets+ Design Working Group (Exploder)  
**Cc:** Mantifel,Russell (BPA) - PGL-5; Detmer, Nick  
**Subject:** [EXTERNAL] REMINDER: MDWG Starts at 10:30 a.m., CPT/8:30 a.m., PT/9:30 a.m., MT  
  
**Importance:** High

Friendly reminder the MDWG starts at 10:30 a.m., CPT/8:30 a.m., PT/9:30 a.m., MT.

Thanks!

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-  
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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, May 8, 2024 2:03 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] CORRECTED LINK - Updated: MSWG MRATF 5/9/24 Meeting Materials

Updated Markets+ Seams Working Group (MSWG) and Markets+ Resource Adequacy Task Force (MRATF) 5/9/24 Joint Net Conference Meeting Materials are posted to SPP.org at the link below:

[MSWG Meeting Materials](#)

Added materials:

- 01\_Updated agenda
- 01\_Updated Power Point to support agenda
- 03\_ MRATF Meeting materials which contain examples and a more detailed discussion on net position

[MSWG/MRATF 5/9/24 Online Registration](#)

Please direct any question to Kelli Schermerhorn at [Kschermerhorn@spp.org](mailto:Kschermerhorn@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, April 4, 2024 2:04 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG-MRAFT 4/11/24 Meeting Materials

Markets+ Seams Working Group (MSWG) – Markets+ Resource Adequacy Task Force 4/11/24 Meeting Materials have been posted to the SPP website at the link below:

[MSWG-MRAFT Meeting Materials](#)

[MSWG-MRAFT 4/11/24 Online Registration](#)

Please direct questions to Kelli [Schmerhorn@spp.org](mailto:Schmerhorn@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, November 29, 2023 10:38 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG 11/29/23 Meeting Materials

Markets+ Seams Working Group (MSWG) 11/29/23 Meeting Materials are posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** Carrie Simpson <csimpson@spp.org>  
**Sent:** Thursday, January 11, 2024 10:07 AM  
**To:** Tilghman, Henry; Taylor, Joseph; Carman Ruder; Kristen Darden; Mantifel, Russell (BPA) - MTM-3; Hakala, Tuuli; Gentry Crowson  
**Subject:** [EXTERNAL] RE: \*\*External Email\*\* Markets+ Tariff language

The latest version lives here:

<https://spp.org/spp-documents-filings/?id=370766>

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**From:** Henry Tilghman <[hrt@tilghmanassociates.com](mailto:hrt@tilghmanassociates.com)>  
**Sent:** Thursday, January 11, 2024 11:50 AM  
**To:** Taylor, Joseph <[Joseph.c.taylor@xcelenergy.com](mailto:Joseph.c.taylor@xcelenergy.com)>; Carman Ruder <[cruder@spp.org](mailto:cruder@spp.org)>; Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>; Mantifel, Russ <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>; Hakala, Tuuli <[tuuli.hakala@chelanpud.org](mailto:tuuli.hakala@chelanpud.org)>; Gentry Crowson <[gtcrowson@spp.org](mailto:gtcrowson@spp.org)>; Carrie Simpson <[csimpson@spp.org](mailto:csimpson@spp.org)>  
**Subject:** \*\*External Email\*\* Markets+ Tariff language

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All,

Is there a document that consolidates the Markets+ tariff language that has been "approved" to date? It's increasingly difficult to review tariff language and protocols when definitions and related language are in documents scattered across multiple subgroups.

Having a single document that contains all of the relevant language would be wonderful.

Henry Tilghman  
Principal  
Tilghman Associates  
[hrt@TilghmanAssociates.com](mailto:hrt@TilghmanAssociates.com)  
503-702-3254



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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, November 10, 2023 11:52 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] New MCRTF November Meetings Posted

## MARKETS+ CONGESTION RENT TASK FORCE NET CONFERENCES

November 15, 2023 10:00AM - 12:00PM (Central Time)

[MCRTF 11/15/23 Meeting Registration](#)

November 16, 2023 10:00AM - 12:00PM (Central Time)

[MCRTF 11/16/23 Meeting Registration](#)

\*November 27, 2023 10:30AM - 11:30AM (Central Time)

[MCRTF 11/27/23 Meeting Registration](#)

\*The intent of this meeting is to vote on the Markets+ Congestion Rent Tariff sections

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, January 10, 2024 6:30 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2024 Meetings Posted for Registration

Markets+ Design Working Group (MDWG) 2024 meetings are posted on SPP.org and are open for registration at the link below:

[MDWG 2024 Meetings](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, October 20, 2023 12:55 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] MDWG 10/11/23 Minutes

Markets+ Design Working Group (MDWG) 10/11/23 Minutes are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, February 6, 2024 2:30 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 1/30/24 Minutes

Markets+ Congestion Rent Task Force (MCRTF) 1/30/24 Minutes are posted on SPP.org at the link below:

[MCRTF Meeting Materials](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, September 22, 2023 1:22 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] Markets+ Design Working Group 9/15/23 Meeting Minutes

Markets+ Design Working Group 9/15/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, July 18, 2024 11:14 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG 7/11/24 Meeting Minutes

Markets+ Seams Working Group (MSWG) 7/11/24 Meeting Minutes have been posted to the SPP website at the link below:

[MSWG Minutes](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

---

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, January 5, 2024 1:49 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/16/24 Net Conference Registration

Markets+ Design Working Group 1/16/24 Net Conference has been posted to the SPP website for registration at the link below:

**MARKETS+ DESIGN WORKING GROUP NET CONFERENCE**

**TIME:** January 16, 2024 11:00AM - 3:00PM

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

[MDWG 1/16/24 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, November 29, 2023 3:02 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 12/1/23 Meeting Materials

Markets+ Design Working Group (MDWG) 12/1/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

[MDWG 12/1/23 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, October 30, 2023 2:09 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Meeting Time Extended: MCRTF 11/9/23 Net Conference

Markets+ Congestion Rent Task Force (MCRTF) 11/9/23 Net Conference meeting time has been extended by 2 hours. Please update your calendar to reflect this change.

**MARKETS+ CONGESTION RENT TASK FORCE NET CONFERENCE**

November 09, 2023 10:30AM - 12:30PM

**NEW TIME: November 09, 2023 10:30AM - 2:30PM**

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MCRTF 11/9/23 Meeting Registration](#)

Please direct questions to Gentry Crowson at [gcrowson@spp.org](mailto:gcrowson@spp.org).

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Wednesday, November 15, 2023 3:20 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/11/24 Net Conference Registration

Markets+ Design Working Group (MDWG) 1/11/24 Net Conference has been posted to the SPP website and is available for registration at the link below:

**MARKETS+ DESIGN WORKING GROUP NET CONFERENCE**

**TIME:** January 11, 2024 11:00AM - 1:00PM

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

[MDWG 1/11/24 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, March 11, 2024 8:52 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated Joint MSWG/MRATF 3/14/24 Meeting Materials

Updated Joint Markets+ Seams Working Group (MSWG) and Markets+ Resource Adequacy Task Force (MRATF) 3/14/24 Meeting Materials have been posted to the SPP website at the link below:

[Updated Joint MSWG/MRAFT Meeting Materials](#)

Added:

- 08 - 03142024 MSWG -High Priority Interchange

[Joint MSWG/MRATF 3/14/24 Online Registration](#)

Please direct questions to Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, July 12, 2024 11:48 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MDWG 7/15-7/16 Joint Settlements Meeting Materials Posted

Markets+ Stakeholders,

Please see updated meeting materials for the Monday, July 15 and Tuesday, July 16, 2024, Joint Settlements Meeting Agenda and Meeting Materials posted to SPP.org at the link below.

MDWG Meeting Materials

The following files have been added or updated in the meeting zip files:

- Congestion Rent Examples 2024\_0715.xlsx
- Joint Settlements Meeting Agenda 2024\_0715\_0716.docx
- Market+ Must Offer Obligation 2024\_0715.pptx
- Market+ Protocol Intro - 2024\_0715.pptx
- Markets+ GHG Examples - 2024-07-16.xlsx
- Markets+ Must Offer Examples 2024\_0715.xlsx
- Protocols\_Congestion Rent\_Settlements 2024\_0715.docx
- Protocols\_Must Offer\_Settlements 2024\_0715.docx

ONLINE REGISTRATION LINK

Please direct questions to Tracy Wolfgang at [contractor-twolfgang@spp.org](mailto:contractor-twolfgang@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, October 17, 2023 2:02 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Updated: MCRTF October Meetings

**MARKETS+ CONGESTION RENT TASK FORCE NET CONFERENCE**

October 23, 2023 10:30AM - ~~12:30PM~~ **2:30PM** (Extended 2 hours)

TIME ZONE: Central Time (US & Canada)

[MCRTF 10/23/23 Meeting Registration](#) – If you previously registered for the 10/23 meeting, you do not need to sign up again for the extended time

**NEW MEETING: MARKETS+ CONGESTION RENT TASK FORCE NET CONFERENCE**

TIME: October 27, 2023 12:00PM - 4:00PM

TIME ZONE: Central Time (US & Canada)

[MCRTF 10/27/23 Meeting Registration](#)

Please direct questions to Gentry Crowson at [gcrowson@spp.org](mailto:gcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, November 28, 2023 6:00 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 11/17/23 Meeting Minutes

Markets+ Design Working Group (MDWG) 11/17/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, July 3, 2024 9:25 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG 7/11/24 Meeting Materials Posted

Markets+ Seams Working Group (MSWG) 7/11/24 Meeting Materials have been posted to SPP.org at the link below.

[MSWG Meeting Materials](#)

[MSWG 7/11/24 Net Conference Registration](#)

Please direct any questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, March 22, 2024 2:11 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MCRTF 3/26/24 Meeting Materials

The Markets+ Congestion Rent Task Force (MCRTF) 3/26/24 Updated Meeting Materials have been posted to the SPP website at the link below:

An updated version of the MCRTF Protocol draft has been posted to SPP.org at the link below for the upcoming Task Force meeting on 3/26.

Updates made:

- Added corresponding Tariff language
- Updated Exhibit 6-1

[MCRTF Meeting Materials](#)

[MCRTF 3/26/24 Online Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** Aaron Shipley <ashipley@spp.org>  
**Sent:** Wednesday, October 4, 2023 7:30 AM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] MSWG - 2.3.2 Congestion Management - Redline/Comments due by Noon CT 10/6  
**Attachments:** M+Tariff 2.3.2 Congestion Management.docx

All,

At the 10/3 MSWG meeting an action item was taken to allow MSWG members to provide any redlines or feedback on Markets+ Tariff Attachment A Section 2.3.2 Congestion Management language. The MSWG reviewed this language during the 10/3 meeting and will be seeking action on this language during the 10/17 MSWG meeting. Information provided by the due date will be incorporated and posted on 10/10 as part of the meeting materials for 10/17.

Please provide any redlines or comments by email to Tuuli Hakala (Hakala, Tuuli ([tuuli.hakala@chelanpud.org](mailto:tuuli.hakala@chelanpud.org)) and Aaron Shipley ([ashipley@spp.org](mailto:ashipley@spp.org)) by 12 pm CT on 10/6.

Attached Tariff language:

- 1) CLEAN version of 2.3.2 Congestion Management language

Regards,

**Aaron Shipley**

Southwest Power Pool  
Sr. Interregional Strategist, Interregional Strategy and Engagement  
Email: [ashipley@spp.org](mailto:ashipley@spp.org)  
Office: 501.482.2197

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---

**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, July 30, 2024 11:54 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated 8/1/24 MDWG Meeting Materials

MDWG Stakeholders,

The Thursday, August 1, 2024, MDWG Agenda and Meeting Materials have been posted to SPP.org at the link below. The meeting will be held virtually.

[MDWG Meeting Materials](#)

[MDWG 8/1/24 Online Registration](#)

Please direct questions to Carman Ruder at [cruder@spp.org](mailto:cruder@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, February 7, 2024 8:30 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Reminder: Draft Markets+ tariff available on spp.org

Hello Markets+ Interested Parties -

We are pleased to share the updated Markets+ tariff [here](#).

Please note: SPP will accept comments on this tariff posting until **midnight PT Feb. 9, 2024**. Please send all comments to Kristen Darden (kdarden@spp.org), Kelli Schermerhorn (kschermerhorn@spp.org) and Carman Ruder (cruder@spp.org).

We look forward to reviewing your comments, and we appreciate your continued engagement with SPP and your peers on all things Markets+.

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, November 9, 2023 12:08 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG 11/16/23 Meeting Materials

Markets+ Seams Working Group (MSWG) 11/16/23 Meeting Materials are posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

[MSWG 11/16/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, September 29, 2023 1:30 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] Updated: MSWG 10/3/23 Meeting Materials

Updated Markets+ Seams Working Group (MSWG) 10/3/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

Added Material:

04 - M+ Seams WG - Import Supply Counting - 10.02.23

[MSWG 10/3/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, May 21, 2024 2:55 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 5/28/24 Meeting Materials

Markets+ Congestion Rent Task Force,

This notice is to advise the MCRTF of the posting of the MCRTF Meeting Materials 20240528 file on SPP.org.

[MCRTF Meeting Materials](#)

[MCRTF 5/28/24 Online Registration](#)

For questions please contact Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, June 14, 2024 2:57 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG Materials for Posting

Markets+ Design Working Group (MDWG) Stakeholders,

Markets+ Protocol Sections reviewed on the 6/11/24 MDWG meeting have been posted to the SPP website for your review at the link shown below:

**Sections:**

Section 2 – Introduction and 3 Overview - Approved

Section 4 (Energy and Flexibility Reserve Products Markets Requirements and Processes) to Section 4.1.6 (Outage Scheduling and Reporting)

Section 4.2 (Pre-Day Ahead Activities) to Section 4.2.5.2 (Multi-Day Forecast Analysis Results)

Section 4.3 (Day-Ahead Activities) to Section 4.4.1.2 (Load Deviation Exemptions) Sections 4.5.7 Day Ahead Market Settlements

[MDWG Meeting Materials](#)

These protocols are tentatively scheduled to be reviewed again at the MDWG 7/22/24 meeting.

Questions can be directed to [contractor-twolfgang@spp.org](mailto:contractor-twolfgang@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, June 7, 2024 6:29 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG 6/13/24 Meeting Materials Posted

Markets+ Seams Working Group (MSWG) 6/13/24 Meeting Materials have been posted to SPP.org at the link below.

[MSWG Meeting Materials](#)

[MSWG 6/13/24 Online Registration](#)

Please direct any questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, February 23, 2024 11:40 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2/13/24 Meeting Minutes

Markets+ Design Working Group (MDWG) 2/13/24 Meeting Minutes have been posted to the SPP website at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

---

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, October 18, 2023 2:08 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Correction: Date Is For 10/10/23 MDWG Meeting Minutes

**Correction** to previously sent email for posted Markets+ Design Working Group (MDWG) Meeting Minutes dated 09/20/23, the correct date for the minutes is **10/10/23**. The link that was sent was to the correct minutes.

Markets+ Design Working Group (MDWG) 10/10/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Sorry for the inconvenience.

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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---

**From:** Detmer, Nicholas J <nick.detmer@xcelenergy.com>  
**Sent:** Tuesday, September 26, 2023 9:24 AM  
**To:** Kristen Darden; Mantifel,Russell (BPA) - PGL-5  
**Subject:** RE: [EXTERNAL] RE: 11/10 MDWG

I am ok with this date and time.

---

**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Tuesday, September 26, 2023 9:17 AM  
**To:** Mantifel, Russ <rxmantifel@bpa.gov>; Detmer, Nicholas J <nick.detmer@xcelenergy.com>  
**Subject:** RE: [EXTERNAL] RE: 11/10 MDWG

**EXTERNAL - STOP & THINK** before opening links and attachments.

Hello –

It has been brought to my attention that there is a conflicting NARUC conference in California 11/12-15. Given this, we will need to look at rescheduling again. Thoughts on the proposed date:

- **Monday, 11/27** = 10:30-5:00 CPT

We also meet Tuesday, 11/28. If we happen to breeze through some tariff over the next couple of meetings, we could cancel the 11/27, but I'd like to have it on the calendar just in case it's needed.

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
201 Worthen Drive \* Little Rock, AR 72223-4936  
**Southwest Power Pool** | [SPP.org](http://SPP.org) | [twitter.com/SPPorg](https://twitter.com/SPPorg) | [facebook.com/SouthwestPowerPool](https://facebook.com/SouthwestPowerPool)  
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---

**From:** Kristen Darden  
**Sent:** Friday, September 22, 2023 10:36 AM  
**To:** Mantifel, Russ <rxmantifel@bpa.gov>; Detmer, Nick <nick.detmer@xcelenergy.com>  
**Subject:** RE: [EXTERNAL] RE: 11/10 MDWG

Excellent – Thank you both. Have a great weekend!

---

**From:** Mantifel,Russell (BPA) - PGL-5 <rxmantifel@bpa.gov>  
**Sent:** Friday, September 22, 2023 10:35 AM  
**To:** Kristen Darden <kdarden@spp.org>; Detmer, Nick <nick.detmer@xcelenergy.com>  
**Subject:** \*\*External Email\*\* [EXTERNAL] RE: 11/10 MDWG

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Sent from Workspace ONE Boxer

On Sep 22, 2023 8:16 AM, Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)> wrote:  
Thanks, Nick.

Russ, you good?

---

**From:** Detmer, Nicholas J <[nick.detmer@xcelenergy.com](mailto:nick.detmer@xcelenergy.com)>  
**Sent:** Friday, September 22, 2023 10:15 AM  
**To:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>; Mantifel, Russ <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>  
**Subject:** \*\*External Email\*\* RE: 11/10 MDWG

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That is fine with me.

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**From:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>  
**Sent:** Friday, September 22, 2023 9:10 AM  
**To:** Mantifel, Russ <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>; Detmer, Nicholas J <[nick.detmer@xcelenergy.com](mailto:nick.detmer@xcelenergy.com)>  
**Subject:** 11/10 MDWG

**EXTERNAL - STOP & THINK** before opening links and attachments.

Happy Friday!

I have heard that some companies observe Veteran's Day (11/11) the Friday (11/10) before, which is an MDWG meeting. We, SPP, do not so I didn't catch that. Thoughts on rescheduling to the following:

- **Monday, 11/13 – 10:30-5:00 CPT (8:30-3:00 PT/9:30-4:00 MT)**
  - *We can change the time to something different.*

We will have a meeting 11/17 as well, but I think we will need the 11/13.

Thoughts?

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
201 Worthen Drive \* Little Rock, AR 72223-4936  
**Southwest Power Pool** | [SPP.org](http://SPP.org) | [twitter.com/SPPorg](https://twitter.com/SPPorg) | [facebook.com/SouthwestPowerPool](https://facebook.com/SouthwestPowerPool)  
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**From:** Kristen Darden  
**Sent:** Thu Sep 14 17:28:38 2023  
**Subject:** Markets+ Design Working Group Net Conference  
**Priority:** Normal  
**StartTime:** Wed Oct 04 17:00:00 2023  
**EndTime:** Wed Oct 04 22:00:00 2023

Event URL: <https://spp.org/calendar-list/marketsplus-design-working-group-net-conference-20231004/>

Conference Information: Web/Phone Conference

Net Conference URL:

<https://mysppmeeting.webex.com/weblink/register/r73f9327463d90f273b79d35e9fa28908>

---

**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, October 11, 2023 5:22 AM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Updated Markets+ Design Working Group (MDWG) 10/10/23 Meeting Materials

**Updated** Markets+ Design Working Group (MDWG) 10/10/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

**Added**

09d-MarketsPlus\_Attachment A\_Sec 4 through 4.2.9\_Resource Participation Types\_101023kms posting

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, February 21, 2024 8:58 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2/8/24 Meeting Minutes

Markets+ Design Working Group (MDWG) 2/8/24 Meeting Minutes have been posted to the SPP website at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, January 3, 2024 2:20 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 2024 January - June Net Conference Registrations

Markets+ Congestion Rent Task Force (MCRTF) 2024 January – June Net Conferences have been posted to the SPP website for registration at the link below:

[MCRTF 2024 January - June Online Registrations](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, May 31, 2024 11:52 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG July 15-16 Settlements Workshop Registration

Markets+ Design Working Group (MDWG) is hosting a two-day settlements workshop July 15-16 to discuss Markets+ settlements topics related to GHG, congestion rent, transmission and seams.

This in-person meeting will be held at Tri-State Generation and Transmission Association, Inc. There will be a virtual attendance option for those not able to attend in person.

*Note: There are no approval items at this meeting, however, it is intended for the settlements experts within your organization who provide technical input to MDWG and MPEC members.*

**MARKETS+ DESIGN WORKING GROUP (MDWG) SETTLEMENTS WORKSHOP**

TIME: July 15, 2024 10:00AM - 5:00PM & July 16, 2024 8:30AM - 12:30PM

TIME ZONE: (UTC-07:00) Mountain Time (US & Canada)

LOCATION: Tri-State Generation and Transmission Association, Westminster, Colorado

[MDWG Settlements Workshop Registration](#) In-person registration closes July 6, 2024 at 8AM

Please direct questions to Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, October 3, 2023 2:16 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Updated Markets+ Congestion Rent Task Force 9/21/23 Meeting Minutes

Updated Markets+ Congestion Rent Task Force 9/21/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MCRTF Meeting Materials](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, October 4, 2023 12:47 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] MDWG 10/11/23 Meeting Materials

Markets+ Design Working Group (MDWG) 10/11/23 Meeting Materials have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

[MDWG 10/11/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, September 27, 2023 1:35 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] Markets+ Design Working Group (MDWG) 9/20/23 Meeting Minutes

Markets+ Design Working Group (MDWG) 9/20/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, January 9, 2024 2:56 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 1/11/24 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 1/11/24 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

The following modifications have been made to the January 11<sup>th</sup>, 2024 MDWG meeting materials.

**New**

-  04ab1-MarketsPlus\_Attachment B\_C\_SPP\_MMU Combined Edits\_010924\_For Discussion.docx
-  04ab2-MarketsPlus\_Attachment B\_C\_SPP\_MMU Combined Edits\_010924\_Track Changes View.docx
-  04c1-MarketsPlus\_Outs-ins and Internal Transactions\_Overview\_011124.pptx
-  04c2-MarketsPlus\_Attachment A\_Sec 9.1.2\_Outs\_Ins\_Internals\_011124.docx
-  04csupp-MarketsPlus\_Attachment A\_Section 9.1.2\_Outs\_Ins\_Internals\_DRAFT\_Powerex Comments\_112223.docx
-  04d-MarketsPlus\_Attachment A\_Uncommitted Import Interchange Transactions\_011124\_Corrected Definitions.docx
-  04e1-Congestion Rent Tariff Definitions 7.16\_reviewed by holistic team.docx
-  04g-MarketsPlus\_Attachment A\_Sec 6.8\_Outage Reporting and Scheduling.docx

**Updated**

01-011124 MDWG Agenda

**Notes about Agenda Item 4 A and B (Attachments B and C):**

1. **Attch B&C – for discussion.** This document points clearly to the remaining outstanding issues, to be discussed 1/11. The issues that have not yet been resolved are as follows:
  - Attch B:
    - 3.2 B Market Power Test – removal of reserve zones
    - 3.4 (I) Mitigation Measures for Energy Offer Curves ESR – Development of ESR mitigation, where resources have a cycle constraint
    - 3.5 A Mitigation Measures for Start-Up Offers and No-Load Offers – Stakeholders recommend a percentage increase in the Start-up & no –load costs, from 10% to 25%.
  - Attch C: 4.6 Monitoring for Market Participant Behavior Possibly Warranting Mitigation
    - 4.6.1 Uneconomic Production
    - 4.6.4 Physical Withholding – Exemptions
2. **Attch B&C – track changes** This document contains all comments and should be used as a reference point for discussions between parties.

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, November 29, 2023 1:22 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 11/27/23 Meeting Minutes

Markets+ Congestion Rent Task Force (MCRTF) 11/27/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MCRTF Meeting Materials](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, February 28, 2024 12:42 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MCRTF 2/27/24 Meeting Materials

Markets+ Congestion Rent Task Force,

This notice is to advise the MCRTF of the reposting of the MCRTF Meeting Materials 20240227 file on spp.org.

The 'Markets+ Training Plan.pptx' presentation was updated with more accurate information.

[MCRTF Meeting Materials](#)

For questions please contact Gentry Crowson, [gtcrowson@spp.org](mailto:gtcrowson@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, October 10, 2023 1:06 PM  
**To:** Mantifel,Russell (BPA) - BT-3  
**Subject:** [EXTERNAL] Markets+ Seams Working Group (MSWG) 10/3/23 Meeting Minutes

Markets+ Seams Working Group (MSWG) 10/3/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MSWG Meeting Minutes](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, May 8, 2024 12:28 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated MSWG MRATF 5/9/24 Meeting Materials

Updated Markets+ Seams Working Group (MSWG) and Markets+ Resource Adequacy Task Force (MRATF) 5/9/24 Joint Net Conference Meeting Materials are posted to SPP.org at the link below.

[MSWG/MRATF Meeting Materials](#)

Added:

- 01\_Updated agenda
- 01\_Updated Power Point to support agenda
- 03\_ MRATF Meeting materials which contain examples and a more detailed discussion on net position

[MSWG/MRATF 5/9/24 Online Registration](#)

Please direct any question to Kelli Schermerhorn at [Kschermerhorn@spp.org](mailto:Kschermerhorn@spp.org)

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, April 2, 2024 3:17 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 4/9/24 Meeting Materials

Markets+ Design Working Group (MDWG) 4/9/24 Meeting Materials have been posted to the SPP website at the link below:

[MDWG Meeting Materials](#)

[MDWG 4/9/24 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, February 13, 2024 2:53 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2/15/24 Net Conference Registration

**MARKETS+ DESIGN WORKING GROUP (MDWG) NET CONFERENCE**

TIME: February 15, 2024 11:00AM - 2:00PM

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MDWG 2/15/24 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, February 13, 2024 7:26 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2/5/24 Meeting Minutes

Markets+ Design Working Group (MDWG) 2/5/24 Meeting Minutes have been posted to the SPP website at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Hayes,Matthew C (BPA) - MTM-3  
**Sent:** Friday, July 26, 2024 10:43 AM  
**To:** Meghan D. Sever  
**Cc:** Mantifel,Russell (BPA) - MTM-3; Kirby,Elizabeth A (BPA) - MTM-3; Meyers,Andrew P (BPA) - MTM-3  
**Subject:** Agenda for upcoming MPEC

Meghan,

Can you please let me know what the planned agenda is for the August MPEC? Please make sure to reply to those cc'd

(b) (6)

Thanks,

**Matt Hayes** (he/him)  
WRAP Program Manager  
Stakeholder Engagement Lead for Markets  
Market Initiatives  
Business Transformation Office  
W: 503-230-3682  
C: (b)(6)

---

**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Thursday, August 17, 2023 1:16 PM  
**To:** Markets+ Design Working Group (Exploder)  
**Cc:** Mantifel,Russell (BPA) - PGL-5; Detmer, Nick  
**Subject:** [EXTERNAL] FW: \*\*External Email\*\* Markets+ Governance 10/19/23 Net Conference

MDWG Members and stakeholders –

Please see below for the 10/19 Markets+ Governance net-conference that was discussed during the 8/8 Markets+ Participant Executive Committee (MPEC) meeting.

Thank you.

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
201 Worthen Drive \* Little Rock, AR 72223-4936  
**Southwest Power Pool** | [SPP.org](http://SPP.org) | [twitter.com/SPPorg](https://twitter.com/SPPorg) | [facebook.com/SouthwestPowerPool](https://facebook.com/SouthwestPowerPool)  
*Working together to responsibly and economically keep the lights on today and in the future.*

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**From:** [bounce-117245-215916@spplist.spp.org](mailto:bounce-117245-215916@spplist.spp.org) <[bounce-117245-215916@spplist.spp.org](mailto:bounce-117245-215916@spplist.spp.org)> **On Behalf Of** SPP Markets+  
**Sent:** Thursday, August 17, 2023 2:55 PM  
**To:** SPP Markets+ (Exploder) <[sppmarketsplus@spplist.spp.org](mailto:sppmarketsplus@spplist.spp.org)>  
**Subject:** \*\*External Email\*\* Markets+ Governance 10/19/23 Net Conference

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The Markets+ Governance 10/19/23 Net Conference has been post to the SPP website for registration at the link below:

[Markets+ Governance 10/19/23 Net Conference Online Registration](#)

Please direct questions to Meghan Sever at [msever@spp.org](mailto:msever@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, November 14, 2023 1:35 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 11/3/23 Meeting Minutes

Markets+ Design Working Group (MDWG) 11/3/23 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, July 21, 2023 2:45 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Updated: MDWG 7/26/23 Meeting Materials

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Updated MDWG 7/26/23 Meeting Materials have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

**Added:**

09b-1 MP MO Obligations

09b-2 Attachment A\_Sec 6-7.15\_Tariff

[MDWG 7/26/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, September 8, 2023 9:08 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MSWG 9/12/23 Meeting Materials

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Markets+ Seams Working Group (MSWG) 9/12/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

[MSWG 9/12/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, August 29, 2023 7:56 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Markets+ Congestion Rent Task Force (MCRTF) 9/13/23 Net Conference

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Markets+ Congestion Rent Task Force 9/13/23 Net Conference has been posted to the SPP website for registration at the link below:

**MARKETS+ CONGESTION RENT TASK FORCE NET CONFERENCE**

**TIME:** September 13, 2023 10:30AM - 2:30PM

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

[MCRTF 9/13/23 Online Registration](#)

Please direct questions to Gentry Crowson at [gcrowson@spp.org](mailto:gcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, September 11, 2023 1:41 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Markets+ Design Working Group 9/15/23 Meeting Materials

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Markets+ Design Working Group 9/15/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

[MDWG 9/15/23 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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---

**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, September 20, 2023 7:55 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Updated: MSWG 9/26/23 Meeting Materials

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Updated Markets+ Seams Working Group (MSWG) 9/26/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

**Added Material**

05cii – TEA MSWG IEW Tariff Comments – 09.19.23

**Updated Material**

01e – MSWG Meeting Minutes September 12 2023 (attendance record added)

[MSWG 9/26/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, September 19, 2023 2:46 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MSWG 9/26/23 Meeting Materials

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Markets+ Seams Working Group (MSWG) 9/26/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

[MSWG 9/26/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, August 15, 2023 6:03 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MDWG 10/26/23 Face-to-Face Meeting Registration

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**MARKETS+ DESIGN WORKING GROUP FACE-TO-FACE**

TIME: October 26, 2023 9:00AM - 5:00PM

TIME ZONE: (UTC-07:00) Mountain Time (US & Canada)

LOCATION: APS Offices, Phoenix, Arizona

[MDWG 10/26/23 Meeting Registration](#) - In-person registration closes October 18, 2023 at 8AM. There is also a virtual attendance option.

Per Arizona Public Service (APS) security, **if you are a non-US Persons** (*non-US Persons are anyone who is not a US Citizen, not a US Legal Permanent Resident (green card) or not a US Protected Person (refugee/asylee)*), **please provide a copy of your passport and most recent I-94 form** to MDWG Staff Secretary, Kristen Darden ([kdarden@spp.org](mailto:kdarden@spp.org)). An I-94 may be obtained at the following link, once you enter the US: <https://i94.cbp.dhs.gov/i94/#/home>.

**PARKING**

The APS parking garage is located just north of Van Buren on the SWC of 5<sup>th</sup> Street and Fillmore.

**SECURITY**

When you enter the main lobby of the building, there will be 2 tables set up where APS will register everyone upon arrival. You will be required to show your photo ID (driver's license) upon signing in. Once you are checked in, there will be an APS person taking you in groups of 10 to your location on the 2<sup>nd</sup> floor. If you need to leave to go outside, please take the elevators to the ground level, there will be an APS person to let you back in. Please indicate that you are with SPP.



# Map to APS Headquarters

400 N. 5th Street, Phoenix, AZ 85004

## Directions:

- From the I-10 (202) or I-17 Freeways, take **7th Street to Van Buren**.
- Turn **WEST** onto Van Buren St.
- Turn **RIGHT (north)** onto **5th Street** (one-way street).
- APS Building is the **first building on the LEFT SIDE OF 5th Street**.
- Pass the building and enter the **PARKING GARAGE**. Park in any non-reserved space and bring your parking ticket with you.
- Enter 400 N. 5th Street and check-in with the Security Desk.



## HOTEL OPTIONS

AC Hotel Phoenix  
414 North 5<sup>th</sup> Street  
Phoenix, AZ 85004  
602-258-1771

Sheraton Phoenix Downtown  
340 North 3<sup>rd</sup> Street  
Phoenix, AZ 85004  
602-262-2500

Hyatt Regency  
122 North 2<sup>nd</sup> Street  
Phoenix, AZ 85004  
602-252-1234

Hilton Garden Inn  
15 East Monroe Street  
Phoenix, AZ 85004  
888-428-0751

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, July 10, 2023 12:54 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MDWG Updated 7/12/23 Meeting Materials

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MDWG Updated 7/12/23 Meeting Materials have been posted to the SPP website for your review at the link below:

[MDWG Meeting Materials](#)

- The following materials have been added and/or modified:

**New**

07b-Cost Allocation Methods

07c-Resource Participation Types

**Modified**

01-071223 MDWG Agenda

08a-Attachement A\_Sec\_4-4.2.8\_Tariff

All 7/12 MDWG meeting materials have been posted.

[MDWG 7/12/23 Online Registration](#)

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**From:** Kristen Darden <kdarden@spp.org>  
**Sent:** Tuesday, August 29, 2023 7:14 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* FW: MPEC 10/19/23 Net Conference Registration

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MDWG Members and Participants –

Please see below for the additional MPEC meeting scheduled for [10/19/2023](#).

Thank you!

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-

(b)(6)

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*Working together to responsibly and economically keep the lights on today and in the future.*

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**From:** SPP Markets+ <[marketsplus@spp.org](mailto:marketsplus@spp.org)>  
**Sent:** Tuesday, August 29, 2023 8:54 AM  
**To:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>  
**Subject:** \*\*External Email\*\* MPEC 10/19/23 Net Conference Registration

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**MARKETS+ PARTICIPANTS EXECUTIVE COMMITTEE (MPEC) NET CONFERENCE**

TIME: October 19, 2023 11:00AM - 3:00PM

TIME ZONE: (UTC-08:00) Pacific Time (US & Canada)

[MPEC 10/19/23 Meeting Registration](#)

Please direct questions to Meghan Sever at [msever@spp.org](mailto:msever@spp.org).

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**From:** Gentry Crowson <gtccrowson@spp.org>  
**Sent:** Tuesday, August 29, 2023 8:08 AM  
**To:** Mantifel, Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Updated 20230828 MCRTF Meeting Materials

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The Markets+ Congestion Rent Task Force 08/28/2023 meeting materials have been updated to include the TSR Genealogy Presentation. The materials are available at the link below:

<https://www.spp.org/spp-documents-filings/?id=370792>

Thanks,  
Gentry Crowson  
MCRTF Staff Secretary

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**From:** Gentry Crowson <gtccrowson@spp.org>  
**Sent:** Tuesday, August 1, 2023 1:39 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Markets+ Technical Settlements Workshop Registration  
**Attachments:** Markets Plus Technical Settlements Workshop Agenda\_DRAFT.docx

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MCRTF,

Southwest Power Pool is hosting a Markets+ Technical Settlements Workshop. This workshop has both an in-person and virtual option. Please see the information below:

**MARKETS+ TECHNICAL SETTLEMENTS WORKSHOP**

TIME: August 31, 2023 8:30AM - 5:00PM & September 01, 2023 8:30AM - 12:00PM

TIME ZONE: (UTC-07:00) Mountain Time (US & Canada)

LOCATION: Tri State Generation & Transmission, Westminster, Colorado

[Markets+ Technical Settlements Workshop Registration](#) - In-person registration closes August 23, 2023 at 8AM

The rough draft agenda is attached.

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, September 15, 2023 11:23 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Updated Markets+ Draft Tariff

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An updated Markets+ Draft Tariff has been posted on SPP.org at the link below:

[MDWG Reference Documents](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, February 1, 2024 2:50 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2/8/24 Meeting Materials

Markets+ Design Working Group (MDWG) 2/8/24 Meeting Materials have been posted to the SPP website at the link below:

[MDWG Meeting Materials](#)

[MDWG 2/8/24 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, August 25, 2023 2:27 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Markets+ Technical Settlements 8/31-09-01/23 Workshop Meeting Materials

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Markets+ Technical Settlements Workshop 8/31-09-01/23 Meeting Materials have been posted to the SPP website for your review at the link shown below:

[Markets+ Technical Settlements Workshop Meeting Materials](#)

[Markets+ Technical Settlements Workshop 8/31-09-01/23 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Aaron Shipley <ashipley@spp.org>  
**Sent:** Tuesday, August 1, 2023 1:59 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* FW: SPP: Markets+ Technical Settlements Workshop Draft Agenda  
**Attachments:** Markets Plus Technical Settlements Workshop Agenda\_DRAFT.docx

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MSWG,

Please see the email below to register for the Markets+ Technical Settlements Workshop on 8/31-9/1. Attached is the agenda for the workshop.

Regards,

**Aaron Shipley**

Southwest Power Pool

Sr. Interregional Strategist, Interregional Strategy and Engagement

Email: [ashipley@spp.org](mailto:ashipley@spp.org)

Office: 501.482.2197

---

**From:** Kristen Darden  
**Sent:** Tuesday, August 1, 2023 3:08 PM  
**Subject:** SPP: Markets+ Technical Settlements Workshop Draft Agenda

Good afternoon –

I have attached a rough draft agenda for the 8/31-9/1 Markets+ Technical Settlements Workshop that will be hosted in Westminster, CO at the TSGT facilities. This meeting will have a virtual option and be recorded as well.

[M+ Technical Settlements Workshop Registration](#)

Please let me know if you have any questions.

Thank you!

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-

(b)(6)

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**From:** Carman Ruder <cruder@spp.org>  
**Sent:** Tuesday, August 1, 2023 8:34 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MCRTF Straw Poll - Action Needed

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Hello Markets+ Congestion Rent Task Force Stakeholders,

Friendly reminder to please use the link below to complete the non-binding informational straw poll as discussed in the meeting on Thursday, July 20<sup>th</sup>. The link will close this Friday, August 4<sup>th</sup>.

[Markets+ Congestion Rent Task Force Survey - UPDATED LINK](#)

Best,

**Carman Ruder** | Lead Market Design Analyst, Western Services Development | [cruder@spp.org](mailto:cruder@spp.org) | 303-552-7931  
**Southwest Power Pool** | [SPP.org](http://SPP.org) | [twitter.com/SPPorg](https://twitter.com/SPPorg) | [facebook.com/SouthwestPowerPool](https://facebook.com/SouthwestPowerPool)  
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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, September 6, 2023 1:40 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Markets+ Congestion Rent Task Force 9/13/23 Meeting Materials

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Markets+ Congestion Rent Task Force 9/13/23 Meeting Materials have been posted to the SPP website for review at the link below:

[MCRTF Meeting Materials](#)

[MCRTF 9/13/23 Online Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, August 16, 2023 1:18 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Joint MDWG MGHGTF 8/9/23 Meeting Minutes

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Joint Markets+ Design Working Group / Markets+ Greenhouse Gas Task Force 8/9/23 Meeting Minutes have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Aaron Shipley <ashipley@spp.org>  
**Sent:** Monday, July 24, 2023 8:26 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* FW: Markets+ Technical Settlements Workshop Registration

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FYI, see below information for an upcoming Technical Settlements Workshop for Markets+.

Regards  
Aaron Shipley

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**From:** SPP Markets+ <[marketsplus@spp.org](mailto:marketsplus@spp.org)>  
**Sent:** Friday, July 21, 2023 3:50 PM  
**To:** Aaron Shipley <[ashipley@spp.org](mailto:ashipley@spp.org)>  
**Cc:** Markets+ Design Working Group (Exploder) <[MDWG@spplist.spp.org](mailto:MDWG@spplist.spp.org)>  
**Subject:** \*\*External Email\*\* Markets+ Technical Settlements Workshop Registration

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**MARKETS+ TECHNICAL SETTLEMENTS WORKSHOP**

**TIME:** August 31, 2023 8:30AM - 5:00PM & September 01, 2023 8:30AM - 12:00PM

**TIME ZONE:** (UTC-07:00) Mountain Time (US & Canada)

**LOCATION:** Tri State Generation & Transmission, Westminster, Colorado

[Markets+ Technical Settlements Workshop Registration](#) - In-person registration closes August 23, 2023 at 8AM

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, July 13, 2023 2:41 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MCRTF 7/20/23 Meeting Materials

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MCRTF 7/20/23 Meeting Materials have been posted to the SPP website at the link below:

[MCRTF Meeting Materials](#)

[MCRTF 7/20/23 Online Registration](#)

Please direct questions to Deni Golden at [dgolden@spp.org](mailto:dgolden@spp.org).

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**From:** Aaron Shipley <ashipley@spp.org>  
**Sent:** Wednesday, January 31, 2024 12:08 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Cc:** Kristen Darden; Wolfgang, Tracy  
**Subject:** [EXTERNAL] MSWG/MRATF 2/8 Meeting Updates

**Importance:** High

Hello MSWG and MRATF Stakeholders,

The Holistic Tariff Review is being discussed at MDWG on 2/5 and 2/8. MSWG & MRATF topics are on the 2/8 agenda. Due to the importance of reviewing the Tariff in preparation for a FERC filing, the currently scheduled and posted MSWG/MRATF meeting for 2/8 is being canceled. The MSWG and MRATF will meet on 3/14, as currently scheduled, to begin discussions and review for protocol development applicable to both working groups. If you wish to join the MDWG review, the meeting registration details are below. We would encourage you to dial-in and participate per the agenda (posting on 2/1) for the MSWG/MRATF noted sections of review.

**Meeting:** [February 5th, 2024 MDWG Meeting Registration](#)

**Date:** February 5<sup>th</sup>, 2024

**Location:** Net-conference

**Time:** 11:00 a.m. – 4:00 p.m., CPT (9:00 a.m. – 2:00 p.m., PT/10:00 – 3:00 p.m., MT)

**Meeting:** [February 8th, 2024 MDWG Meeting Registration](#)

**Date:** February 8<sup>th</sup>, 2024

**Location:** Net-conference

**Time:** 11:00 a.m. – 5:00 p.m., CPT (9:00 a.m. – 3:00 p.m., PT/10:00 – 4:00 p.m., MT)

Additionally, the [Markets+ Tariff](#) has been posted for review and the comment period remains open until Midnight PT on 2/9. Please send all comments to Kristen Darden ([kdarden@spp.org](mailto:kdarden@spp.org)), Kelli Schermerhorn ([kschermerhorn@spp.org](mailto:kschermerhorn@spp.org)), and Carman Ruder ([cruder@spp.org](mailto:cruder@spp.org)).

**Aaron Shipley**

Southwest Power Pool

Sr. Interregional Strategist, Interregional Strategy and Engagement

Email: [ashipley@spp.org](mailto:ashipley@spp.org)

Office: 501.482.2197

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**From:** Gentry Crowson <gtccrowson@spp.org>  
**Sent:** Tuesday, August 8, 2023 9:24 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MCRTF Meeting Change

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Markets+ Congestion Rent Task Force Members,

The previously scheduled 08/31/2023 MCRTF Meeting has been rescheduled to 08/28/2023 due to the Markets + Technical Settlements Workshop.

Please see the registration link below for the 08/28/2023 MCRTF Meeting.

Webinar topic:  
Markets+ Congestion Rent Task Force 20230828

Date and time:  
Monday, August 28, 2023, 10:30 AM | (UTC-05:00) Central Time (US & Canada)

Register link:  
<https://mysppmeeting.webex.com/weblink/register/r958c120c3334c7242361cd3543bd2ece>

Thanks,  
Gentry Crowson

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**From:** Gentry Crowson <gtcrowson@spp.org>  
**Sent:** Wednesday, August 23, 2023 1:40 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* 20230828 MCRTF Updated Meeting Materials

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Markets+ Congestion Rent Task Force,

This is a notification that the 20230828 MCRTF Meeting Materials have been updated and reposted. Please see the link below to access the updated materials.

<https://www.spp.org/spp-documents-filings/?id=370792>

Thanks,  
Gentry Crowson

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, February 2, 2024 1:53 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated: MDWG 2/5/24 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 2/5/24 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

Updated material:

04a-Markets+ Tariff\_Attachment A\_GHG Settlements\_020224 - NEW

[MDWG 2/5/24 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Gentry Crowson <gtccrowson@spp.org>  
**Sent:** Wednesday, September 6, 2023 1:40 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Additional MCRTF Meetings added to Calendar

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Markets+ Congestion Rent Task Force Members,

This is a notification that three additional MCRTF meetings have been placed on the SPP Calendar. Notes detailing meeting intent are included with the registration links below. Please note that a few new sessions are shorter than the standard 4-hour time frame.

## 1)Markets+ Congestion Rent Task Force 20230928

Webinar

10:30 AM - 2:30 PM Thursday, September 28, 2023 (UTC-05:00) Central Time (US & Canada)

-Tariff Review

<https://mysppmeeting.webex.com/weblink/register/r5089b6684b88123226fcd866c75dc840>

## 2)Markets+ Congestion Rent Task Force 20231023

Webinar

10:30 AM - 12:30 PM Monday, October 23, 2023 (UTC-05:00) Central Time (US & Canada)

-FINAL MCRTF Tarrif Review before language goes to MDWG

<https://mysppmeeting.webex.com/weblink/register/rf7346d57ac3046dbaa998e3f5db7b0c8>

## 3)Markets+ Congestion Rent Task Force 20231109

Webinar

10:30 AM - 12:30 PM Thursday, November 9, 2023 (UTC-05:00) Central Time (US & Canada)

\*\*Placeholder meeting if MCRTF needs to address any MDWG concerns before the actual MDWG meeting

on 11/17/23

<https://mysppmeeting.webex.com/weblink/register/r1325f30586de3a8eaf3f732c99188590>

Thanks,  
Gentry Crowson

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, January 16, 2024 12:16 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] 2024 MSWG Net Conferences and MSWG-MRATF Joint Net Conferences Registration

Markets+ Seams Working Group (MSWG) 2024 Net Conferences and Markets+ Seams Working Group/Markets+ Resource Adequacy Task Force (MRATF) Joint Meetings have been posted to the SPP website for registration at the links below:

[2024 MSWG Net Conferences](#)

[2024 MRATF Net Conferences](#)

Please direct questions regarding MSWG to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

Please direct questions regarding MRATF to Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, August 8, 2023 11:11 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MSWG 8/15/23 Meeting Materials

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MSWG 8/15/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

[MSWG 8/15/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** Carman Ruder <cruder@spp.org>  
**Sent:** Monday, July 24, 2023 6:33 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* FW: MCRTF Straw Poll - UPDATED LINK

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Hello All,

Please use this updated link to complete the survey.

[Markets+ Congestion Rent Task Force Survey - UPDATED LINK](#)

I apologize for any confusion.

**Carman Ruder** | Lead Market Design Analyst, Western Services Development | [cruder@spp.org](mailto:cruder@spp.org) | 303-552-7931  
**Southwest Power Pool** | [SPP.org](http://SPP.org) | [twitter.com/SPPorg](https://twitter.com/SPPorg) | [facebook.com/SouthwestPowerPool](https://facebook.com/SouthwestPowerPool)  
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**From:** Gentry Crowson <[gtcrowson@spp.org](mailto:gtcrowson@spp.org)>  
**Sent:** Sunday, July 23, 2023 8:44 AM  
**To:** Carman Ruder <[cruder@spp.org](mailto:cruder@spp.org)>  
**Subject:** \*\*External Email\*\* MCRTF Straw Poll

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Hello Markets+ Congestion Rent Task Force Stakeholders,

As discussed in the meeting on Thursday, July 20<sup>th</sup>, please use the link below to complete the non-binding informational straw poll. The link will close on Friday, August 4<sup>th</sup>.

Thank you,

Gentry Crowson On Behalf Of:

**Carman Ruder** | Lead Market Design Analyst, Western Services Development | [cruder@spp.org](mailto:cruder@spp.org) | 303-552-7931  
**Southwest Power Pool** | [SPP.org](http://SPP.org) | [twitter.com/SPPorg](https://twitter.com/SPPorg) | [facebook.com/SouthwestPowerPool](https://facebook.com/SouthwestPowerPool)  
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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Thursday, September 14, 2023 8:09 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Cc:** Kristen Darden  
**Subject:** [EXTERNAL] \*\*External Email\*\* NEW Markets+ Design Working Group Meeting Schedule

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The Markets+ Design Working Group meeting schedule has been updated to reflect new meeting dates and adjusted meeting times. Please note the changes below:

- **Wednesday, 9/20/23** – 10:30 a.m. – 5:00 p.m., CPT (*Meeting time adjusted*)
- **\*NEW MEETING Wednesday, 10/4/23** – 12:00 p.m. – 5:00 p.m., CPT
- **Tuesday, 10/10/23** – 10:30 a.m. – 5:00 p.m., CPT (*Meeting time adjusted*)
- **Thursday, 10/26/23** – 9:00a.m. – 5:00p.m. MST, Face to Face Meeting (*Now a joint meeting with the MTWG*)
- **\*NEW MEETING Wednesday, 11/1/23** – 12:00 p.m. – 5:00 p.m., CPT
- **\*NEW MEETING Friday, 11/3/23** – 10:30 a.m. – 5:00 p.m., CPT
- **\*NEW MEETING Friday, 11/17/23** – 10:30 a.m. – 5:00 p.m., CPT
- **Tuesday, 11/28/23** – 10:30 a.m. – 5:00 p.m., CPT (*Meeting time adjusted*)

[Click Here to view the full MDWG meeting schedule](#) and to register for the newly created meetings.

If you have any questions regarding the MDWG meeting schedule, please contact Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

**Southwest Power Pool | [SPP.org](https://www.spp.org) | [twitter.com/SPPorg](https://twitter.com/SPPorg) | [facebook.com/SouthwestPowerPool](https://facebook.com/SouthwestPowerPool)**

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Wednesday, July 12, 2023 12:06 PM  
**To:** Mantifel, Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Joint MDWG and MGHGTF Face-to-Face Meeting | Aug. 10

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The Markets+ Design Working Group virtual meeting previously scheduled for 08/09/23 has been updated to a **face-to-face, joint meeting of the MDWG and the MGHGTF in Portland, Oregon on 08/10/23** (see event details for more information and to register: <https://spp.org/calendar-list/joint-mdwg-and-mghgtf-face-to-face/>).

***Please note in-person registration is limited and will end when capacity is reached.***

If you previously registered for the 08/09/23 MDWG virtual meeting and wish to change your registration to in-person attendance for the joint meeting, **please follow the steps below:**

1. Log-in to your account on [SPP.org](https://spp.org)
2. Navigate to your account by clicking the "Hi, Name" button in the top right corner
3. Under the 'My Events' section in the right column, you can change the "Attending Through" option for the meeting registration you wish to update.

*If you will remain as a virtual attendee, no action is needed and the previous WebEx links will still be valid for the new meeting date and time.*

For questions regarding your registration, please contact [communication@spp.org](mailto:communication@spp.org).

For questions regarding the meeting, please contact Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org) or Russell Carey at [rcarey@spp.org](mailto:rcarey@spp.org).

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or send a blank email to [leave-116670-234284.4924ede4b09f20571c7af2310687f4ba@spplist.spp.org](mailto:leave-116670-234284.4924ede4b09f20571c7af2310687f4ba@spplist.spp.org)



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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, September 6, 2023 1:55 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MSWG - New Meeting Registrations and Updated Start Time for 9/26/23

**<="" tdface="Calibri" color="Yellow" size="3">CAUTION: This email originated from outside of the SPP network. Do not click links or open attachments unless you recognize or can verify the sender, or were expecting an email from the sender. The original sender of this email is [marketsplus@spp.org](mailto:marketsplus@spp.org)**

**NEW MEETING MARKETS+ SEAMS WORKING GROUP NET CONFERENCE**

TIME: September 12, 2023 2:00PM - 4:00PM

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MSWG 9/12/23 Meeting Registration](#)

**MARKETS+ SEAMS WORKING GROUP NET CONFERENCE**

TIME: September 26, 2023 1:00PM—5:00PM

**NEW START TIME: September 26, 2023 12:00PM - 5:00PM**

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MSWG 9/26/23 Meeting Registration](#) – If you previously registered for this meeting, you will not need to register again, however, you will need to update the start time on your personal calendar.

**NEW MEETING MARKETS+ SEAMS WORKING GROUP NET CONFERENCE**

TIME: October 3, 2023 1:00PM - 5:00PM

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MSWG 10/3/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, January 26, 2024 2:20 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Draft Markets+ tariff available on spp.org

Hello Markets+ Interested Parties -

We are pleased to share the updated Markets+ tariff [here](#).

Please note: SPP will accept comments on this tariff posting until **midnight PT Feb. 9, 2024**. Please send all comments to Kristen Darden (kdarden@spp.org), Kelli Schermerhorn (kschermerhorn@spp.org) and Carman Ruder (cruder@spp.org).

We look forward to reviewing your comments, and we appreciate your continued engagement with SPP and your peers on all things Markets+.

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, August 2, 2023 1:35 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Joint MDWG/MGHGTF 8/9/23 Meeting Materials

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Joint MDWG/MGHGTF 8/9/23 Meeting Materials have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

[Joint MDWG/MGHGTF 8/9/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, July 26, 2023 1:08 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Updated: MSWG 7/27/23 Meeting Materials

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Updated MSWG 7/27/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

Updated:

05 - M+ Exports, Imports, Wheels - Western Markets Considerations - 07.27.23 - REVISED

[MSWG 7/27/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** Gentry Crowson <gtcrowson@spp.org>  
**Sent:** Tuesday, January 30, 2024 11:40 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Cc:** Carman Ruder; Micha Bailey  
**Subject:** [EXTERNAL] RE: Data Requests from TSPs for Congestion Rent Protocol Development

Please see the correction to the email address below.

SPP Public Information

---

**From:** Gentry Crowson  
**Sent:** Tuesday, January 30, 2024 1:21 PM  
**To:** Markets+ Congestion Rent Task Force (Exploder) <[MCRTF@spplist.spp.org](mailto:MCRTF@spplist.spp.org)>  
**Cc:** Carman Ruder <[cruder@spp.org](mailto:cruder@spp.org)>; Micha Bailey <[mcbailey@spp.org](mailto:mcbailey@spp.org)>  
**Subject:** Data Requests from TSPs for Congestion Rent Protocol Development

Hello TSPs,

To help SPP in developing Markets+ Protocol language we request the following data sample set. Please submit a list of TSR/TSN numbers that are anticipated to be used in Markets+ for:

- Designated Network Resources transmission service mapping to a single load or an aggregate load
- Firm Point-to-Point service
- Conditional Firm Point-to-Point service
- Legacy (GFA) Firm service not readily available in OASIS

SPP would like to have this information by end of business day Tuesday, February 6<sup>th</sup>, 2024. Please send to Gentry Crowson ([gtcrowson@spp.org](mailto:gtcrowson@spp.org)), Carman Ruder ([cruder@spp.org](mailto:cruder@spp.org)), and Micha Bailey ([mcbailey@spp.org](mailto:mcbailey@spp.org)).

Additionally, the Markets+ Tariff has been posted for review and the comment period remains open until Midnight PT on 2/9. Please send all comments to Kristen Darden ([kdarden@spp.org](mailto:kdarden@spp.org)), Kelli Schermerhorn ([kschermerhorn@spp.org](mailto:kschermerhorn@spp.org)), and Carman Ruder ([cruder@spp.org](mailto:cruder@spp.org)).

Thank you,  
Gentry Crowson  
Markets+ Congestion Rent Staff Secretary

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Monday, January 29, 2024 2:22 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/19/24 Meeting Minutes

Markets+ Design Working Group (MDWG) 1/19/24 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, August 11, 2023 2:57 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Updated: MSWG 8/15/23 Meeting Materials

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Updated MSWG 8/15/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

Added:

M+ Imports Exports Conceptual Framework Review - MSWG 20230815

[MSWG 8/15/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, August 14, 2023 2:54 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Updated: MSWG 8/15/23 Meeting Materials

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Updated MSWG 8/15/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

**Added:**

Prioritization of Clearing in Energy Shortage\_V3\_MS WG\_20230815

[MSWG 8/15/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, August 3, 2023 1:43 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MDWG 8/10/23 Meeting Materials

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MDWG 8/10/23 Meeting Materials have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

[MDWG 8/10/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, September 5, 2023 2:16 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MDWG 8/29/23 Minutes

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Markets+ Design Working Group (MDWG) 8/29/23 Minutes have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, July 5, 2023 2:33 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MDWG 7/12/23 Meeting Materials

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MDWG 7/12/23 Meeting Materials have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#) - *Materials for Agenda Item 7a (Cost Allocation Methods) will be posted by COB Friday, 7/7/2023*

[MDWG 7/12/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, February 1, 2024 2:46 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated Agenda: MDWG 2/5/24 Meeting Materials

Updated Markets+ Design Working Group (MDWG) 2/5/24 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

Updated materials:  
Agenda

[MDWG 2/5/24 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, January 29, 2024 2:40 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 2/5/24 Meeting Materials

Markets+ Design Working Group (MDWG) 2/5/24 Meeting Materials have been posted to the SPP website for review at the link below:

[MDWG Meeting Materials](#)

[MDWG 2/5/24 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, July 21, 2023 1:50 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Cc:** Markets+ Design Working Group (Exploder)  
**Subject:** [EXTERNAL] \*\*External Email\*\* Markets+ Technical Settlements Workshop Registration

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**MARKETS+ TECHNICAL SETTLEMENTS WORKSHOP**

TIME: August 31, 2023 8:30AM - 5:00PM & September 01, 2023 8:30AM - 12:00PM

TIME ZONE: (UTC-07:00) Mountain Time (US & Canada)

LOCATION: Tri State Generation & Transmission, Westminster, Colorado

[Markets+ Technical Settlements Workshop Registration](#) - In-person registration closes August 23, 2023 at 8AM

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, July 5, 2023 1:01 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Rescheduled: MSWG July Net Conference

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MSWG July Net Conference has been rescheduled for July 27, 2023. Please update your calendars to reflect this change.

**MARKETS+ SEAMS WORKING GROUP NET CONFERENCE**

TIME: ~~July 18, 2023 1:00PM – 5:00PM~~

**NEW TIME: July 27, 2023 1:00PM - 5:00PM**

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MSWG 7/27/23 Meeting Registration](#) – If you previously registered for the July 18 meeting you will not need to register again for the new date.

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, July 20, 2023 2:19 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MSWG 7/27/23 Meeting Materials

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MSWG 7/27/23 Meeting Materials have been posted on SPP.org at the link below:

[MSWG Meeting Materials](#)

[MSWG 7/27/23 Meeting Registration](#)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Thursday, February 1, 2024 2:46 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] Updated draft Markets+ tariff

The draft Markets+ Tariff has been updated due to inadvertently missing MPEC-approved language in Section II (Special Rules on Use of Markets+ Tariff) and Section 6 (Application of Non-Rate Terms and Conditions). This is the only update made to this version of the tariff.

[Draft Markets+ Tariff](#)

Any feedback already submitted by stakeholders will be addressed during the 2/5 MDWG and 2/8 MDWG meetings. The comment period will remain open until **midnight PT Feb. 9, 2024**. Please send all comments to Kristen Darden (kdarden@spp.org), Kelli Schermerhorn (kschermerhorn@spp.org) and Carman Ruder (cruder@spp.org).

We look forward to reviewing your comments, and we appreciate your continued engagement with SPP and your peers on all things Markets+.

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Monday, August 7, 2023 2:33 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MCRTF 8/14/23 Meeting Materials

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Markets+ Congestion Rent Task Force,

The August 14, 2023, MCRTF Materials have been posted to [MCRTF Meeting Materials](#).

- Agenda item 9, Congestion Level CR Allocation, is a potential voting item.
- Also, Agenda item number 4 includes the results from the Straw Poll Survey. Comments provided to the survey have been added to this presentation. To respect stakeholders' privacy, any statements that included an entity name were changed to "Stakeholder" where possible.

Please direct questions to Gentry Crowson at [gcrowson@spp.org](mailto:gcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, January 12, 2024 2:38 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/16/24 Meeting Materials

Markets+ Design Working Group (MDWG) 1/16/24 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

[MDWG 1/16/24 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Friday, September 1, 2023 10:29 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* UPDATE: Markets+ Design Working Group - 11/10/23

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The Markets+ Design Working Group meeting previously scheduled for 11/8/23 has been changed to 11/10/23. Please note the changes below:

- **New Date & Time**
  - Date: 11/10/2023
  - Time: 10:30 a.m. – 5:00 p.m., CST

Registration:

<https://spp.org/calendar-list/marketsplus-design-working-group-net-conference-20231110/>

*For questions regarding the MDWG meetings, please email [kdarden@spp.org](mailto:kdarden@spp.org).*

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, January 23, 2024 12:02 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/11/24 Meeting Minutes

Markets+ Design Working Group 1/11/24 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, January 12, 2024 1:36 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/19/24 Net Conference Registration

**MARKETS+ DESIGN WORKING GROUP (MDWG) NET CONFERENCE**

TIME: January 19, 2024 11:00AM - 3:00PM

TIME ZONE: (UTC-06:00) Central Time (US & Canada)

[MDWG 1/19/24 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, July 19, 2023 2:32 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MDWG 7/26/23 Meeting Materials

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MDWG 7/26/23 Meeting Materials have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#) - *Materials for Agenda Item 9b (Attachment A – 6-7.16: Market Participant Obligations and Market Operator Obligations) will be posted by Friday, 7/21/2023*

[MDWG 7/26/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Southwest Power Pool <communication@spp.org>  
**Sent:** Wednesday, August 9, 2023 10:07 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Update to 8/29 MDWG Meeting

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Markets+ Design Working Group Net Conference meeting scheduled for August 29 has been extended by 1 hour. The meeting time will now be 11:30am – 5:00pm CT/9:30am – 3:00pm PT.

Meeting registration is available at: <https://spp.org/calendar-list/marketsplus-design-working-group-net-conference-20230829/>

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, January 31, 2024 3:02 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MSWG 2/8/24 Net Conference Canceled

Markets+ Seams Working Group (MSWG) Net Conference on 2/8/24 has been **canceled**. Please update your personal calendars.

**Canceled - MARKETS+ SEAMS WORKING GROUP NET CONFERENCE**

**TIME:** February 08, 2024 12:00PM - 4:00PM

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

Please direct questions to Aaron Shipley at [ashipley@spp.org](mailto:ashipley@spp.org) or Kelli Schermerhorn at [kschermerhorn@spp.org](mailto:kschermerhorn@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, July 19, 2023 6:22 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MDWG 7/12/23 Meeting Minutes

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MDWG 7/12/23 Meeting Minutes have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, January 23, 2024 2:01 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/16/24 Meeting Minutes

Markets+ Design Working Group (MDWG) 1/16/24 Meeting Minutes have been posted to the SPP website for review at the link below:

[MDWG Minutes](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Gentry Crowson <gtccrowson@spp.org>  
**Sent:** Tuesday, January 30, 2024 11:21 AM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Cc:** Carman Ruder; Micha Bailey  
**Subject:** [EXTERNAL] Data Requests from TSPs for Congestion Rent Protocol Development

Hello TSPs,

To help SPP in developing Markets+ Protocols language we request the following data sample set. Please submit a list of TSR/TSN numbers that are anticipated to be used in Markets+ for:

- Designated Network Resources transmission service mapping to a single load or an aggregate load
- Firm Point-to-Point service
- Conditional Firm Point-to-Point service
- Legacy (GFA) Firm service not readily available in OASIS

SPP would like to have this information by end of business day Tuesday, February 6<sup>th</sup>, 2024. Please send to Gentry Crowson ([gcrowson@spp.org](mailto:gcrowson@spp.org)), Carman Ruder ([cruder@spp.org](mailto:cruder@spp.org)), and Micha Bailey ([mcbailey@spp.org](mailto:mcbailey@spp.org)).

Additionally, the Markets+ Tariff has been posted for review and the comment period remains open until Midnight PT on 2/9. Please send all comments to Kristen Darden ([kdarden@spp.org](mailto:kdarden@spp.org)), Kelli Schermerhorn ([kschermerhorn@spp.org](mailto:kschermerhorn@spp.org)), and Carman Ruder ([cruder@spp.org](mailto:cruder@spp.org)).

Thank you,  
Gentry Crowson  
Markets+ Congestion Rent Staff Secretary

SPP Public Information

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, January 23, 2024 2:11 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MCRTF 1/30/24 Meeting Materials

Markets+ Congestion Rent Task Force (MCRTF) 1/30/24 Meeting Materials are posted on SPP.org at the link below:

[MCRTF Meeting Materials](#)

[MCRTF 1/30/24 Meeting Registration](#)

Please direct questions to Gentry Crowson at [gtcrowson@spp.org](mailto:gtcrowson@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Wednesday, January 17, 2024 12:30 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG 1/19/24 Meeting Materials

Markets+ Design Working Group (MDWG) 1/19/24 Meeting Materials are posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

[MDWG 1/19/24 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Friday, August 25, 2023 1:57 PM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* Updated: MDWG 8/29/23 Meeting Materials

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Updated Markets+ Design Working Group (MDWG) 8/29/23 Meeting Materials have been posted on SPP.org at the link below:

[MDWG Meeting Materials](#)

**New**

07-Flexibility Reserve Product Design Proposal\_082923  
08b2-Virtuals\_System Limitations\_082923  
08c-Scarcity Pricing\_082923  
09a-supplemental\_Attachment A\_Sec 6-7.15\_NVE\_082223\_SPP Responses  
09b-Attachment A\_Virtuals\_Tariff

**Updated**

01-082923 MDWG Agenda  
02-MDWG\_Action Item Report\_082923  
04b-8 10 2023 MDWG Minutes  
10-MDWG Action Items

**Renumbered**

09a-Attachment A\_Sec 6-7.15\_MP MO Obligations\_Tariff  
08b1-MDWG MMU Virtuals Policy Education\_082923

[MDWG 8/29/23 Meeting Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, September 5, 2023 8:07 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MCRTF 8/28/23 Minutes

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Markets+ Congestion Rent Task Force (MCRTF) 8/28/23 Meeting Minutes have been posted on SPP.org at the link below:

[MCRTF Meeting Materials](#)

Please direct questions to Gentry Crowson at [gcrowson@spp.org](mailto:gcrowson@spp.org).

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**From:** Gentry Crowson <gtcrowson@spp.org>  
**Sent:** Sunday, July 23, 2023 7:44 AM  
**To:** Mantifel,Russell (BPA) - PGL-5  
**Subject:** [EXTERNAL] \*\*External Email\*\* MCRTF Straw Poll

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Hello Markets+ Congestion Rent Task Force Stakeholders,

As discussed in the meeting on Thursday, July 20<sup>th</sup>, please use the link below to complete the non-binding informational straw poll. The link will close on Friday, August 4<sup>th</sup>.

[Markets+ Congestion Rent Task Force Survey](#)

Please note, the link is unique to each participant and should not be forwarded.

Thank you,

Gentry Crowson On Behalf Of:

Carman Ruder | Lead Market Design Analyst, Western Services Development | [cruder@spp.org](mailto:cruder@spp.org) | 303-552-7931

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**From:** SPP Markets+ <marketsplus@spp.org>  
**Sent:** Tuesday, January 23, 2024 12:28 PM  
**To:** Mantifel,Russell (BPA) - MTM-3  
**Subject:** [EXTERNAL] MDWG Additional Net Conferences 2/5/24 and 2/8/24

Markets+ Design Working Group (MDWG) Additional Net Conferences 2/5/24 and 2/8/24 have been posted to the SPP website for registration at the link below:

**MARKETS+ DESIGN WORKING GROUP NET CONFERENCE**

**TIME:** February 05, 2024 11:00AM - 4:00PM

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

[MDWG 2/5/24 Online Registration](#)

XX

**MARKETS+ DESIGN WORKING GROUP NET CONFERENCE**

**TIME:** February 08, 2024 11:00AM - 5:00PM

**TIME ZONE:** (UTC-06:00) Central Time (US & Canada)

[MDWG 2/8/24 Online Registration](#)

Please direct questions to Kristen Darden at [kdarden@spp.org](mailto:kdarden@spp.org).

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**From:** Mantifel,Russell (BPA) - MTM-3  
**Sent:** Monday, June 3, 2024 9:00 AM  
**To:** Meghan D. Sever  
**Subject:** Declined: [EXTERNAL] Markets+ chairs and vice chairs check in

I'm running our own public meeting

---

**From:** Mantifel,Russell (BPA) - PGL-5  
**Sent:** Thursday, August 17, 2023 12:16 PM  
**To:** Kristen Darden  
**Subject:** RE: [EXTERNAL] Interchange Slides

That's it, thanks!

---

**From:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>  
**Sent:** Thursday, August 17, 2023 12:03 PM  
**To:** Mantifel,Russell (BPA) - PGL-5 <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>  
**Subject:** [EXTERNAL] Interchange Slides

Kristen Darden | Senior Market Analyst | Real-Time Markets | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-  
(b)(6)

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**From:** Mantifel,Russell (BPA) - MTM-3  
**Sent:** Wednesday, January 24, 2024 2:55 PM  
**To:** Kristen Darden  
**Subject:** RE: [EXTERNAL] RE: 1/16 MDWG Meeting Proxy

Sure thing. I confirm that Sara Eaton was my proxy for the 1/16/24 meeting.

Russ

---

**From:** Kristen Darden <[kdarden@spp.org](mailto:kdarden@spp.org)>  
**Sent:** Wednesday, January 24, 2024 2:08 PM  
**To:** Mantifel,Russell (BPA) - MTM-3 <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>  
**Subject:** [EXTERNAL] RE: 1/16 MDWG Meeting Proxy

Putting this back at the top of your inbox. 😊

---

**From:** Kristen Darden  
**Sent:** Tuesday, January 23, 2024 2:39 PM  
**To:** Mantifel, Russ <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>  
**Subject:** 1/16 MDWG Meeting Proxy

Hey Russ –

For minutes purposes, will you respond back to this email confirming Sara Easton (BPA) as your proxy for the 1/16/2024 MDWG meeting? I know she was, but I think it was done verbally and/or via WebEx chat.

Thanks!

Kristen Darden | Senior Market Analyst | Western Services Development | Markets+ Design Working Group Staff Secretary | [kdarden@spp.org](mailto:kdarden@spp.org) | O-501.482.2395 | C-(b)(6)  
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**From:** Mantifel,Russell (BPA) - MTM-3  
**Sent:** Monday, November 13, 2023 11:34 AM  
**To:** Carrie Simpson  
**Subject:** FW: Emailing: 10 - MORWG BPA market separation discussion\_shared\_version.pptx  
**Attachments:** 10 - MORWG BPA market separation discussion\_shared\_version.pptx

FYI

-----Original Message-----

From: Kirby,Elizabeth A (BPA) - MTM-3 <[ekirby@bpa.gov](mailto:ekirby@bpa.gov)>  
Sent: Monday, November 13, 2023 11:30 AM  
To: Mantifel,Russell (BPA) - MTM-3 <[rxmantifel@bpa.gov](mailto:rxmantifel@bpa.gov)>  
Subject: Emailing: 10 - MORWG BPA market separation discussion\_shared\_version.pptx

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