

**Colorado River Storage Project  
Proposed Rates  
for  
WEIS Market Participation**

*Customer Rate Brochure*



**Western Area  
Power Administration**

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# Contact Information

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## Materials Posted on website

**Colorado River Storage Project Management Center Proposed Rates for WEIS Participation:**

<https://www.wapa.gov/regions/CRSP/rates/Pages/CRSP-WEIS.aspx>

**Rocky Mountain Region Proposed Rates for WEIS Participation:**

<https://www.wapa.gov/regions/RM/rates/Pages/2021-Rates-for-Short-Term-Sales.aspx>



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# I. Introduction

On September 9, 2019, WAPA announced its decision that Colorado River Storage Project Management Center (CRSP MC), Rocky Mountain Region (RMR), and the Upper Great Plains Region (UGP) would join the Western Energy Imbalance Service (WEIS) Market administered by the Southwest Power Pool, Inc. (SPP). The three Federal Projects (Salt Lake City Area Integrated Projects (SLCA/IP), Loveland Area Projects (LAP), and Pick-Sloan Missouri Basin Program--Eastern Division (P-S--ED)) are participating as Market Participants (MP) for their loads and resources in the WEIS Market footprint; the CRSP, LAP, and P-S--ED transmission systems will be committed for WEIS use; and the Western Area Colorado Missouri Balancing Authority (WACM) and the Western Area Power Administration-Upper Great Plains West Balancing Authority (WAUW) are participating balancing authorities (BA). As BA in the WEIS Market footprint, WACM and WAUW are required to register loads and resources for non-participating entities within the balancing authority areas (BAA).

RMR (WACM BA Services and LAP Transmission Service) and UGP have separate brochures and/or other documents to discuss their rates, processes, etc. related to those offices/projects joining the WEIS Market.

The focus of this customer brochure is to supplement the RMR brochure published on November 9, 2020, with CRSP specific rate and process information. The RMR brochure, which includes the details of certain WACM BA services that pertain to CRSP transmission services, can be viewed at the following webpage: <https://www.wapa.gov/regions/RM/rates/Pages/2021-Rates-for-Short-Term-Sales.aspx>.



## II. Background for Rates Under WEIS Market

On June 17, 2019, CRSP held the 2019 Annual Customer Meeting to share information on various topics with customers. One of the topics was WAPA's participation in the WEIS Market. During that discussion, CRSP informed customers of the benefits of joining the WEIS Market, provisions required to participate in the WEIS market, and that once those provisions were finalized CRSP may need to implement new/revised rate schedules. The following are slides from that presentation:

### SPP Western Energy Imbalance Service (WEIS)

June 17, 2019

#### **SPP proposes Western Energy Imbalance Service Market to bring cost savings and grid modernization to the west**

Southwest Power Pool (SPP) has announced to western utilities its proposal for the Western Energy Imbalance Service market (WEIS) it intends to launch in December 2020. The wholesale electricity market will balance generation and load regionally and in real time. SPP's previous energy imbalance market went live in 2007 and provided participants with \$103 million in benefits in its first year of operation.

[READ MORE](#)



## Possible impacts to BA EI service

- Potential changes to Schedule 4 and 9 of OATT or BA contracts
  - EI ancillary rate changes would involve a *Federal Register* notice process and customer meeting
- Depending on implementation, this could entail a cost change of BA administration



<https://www.wapa.gov/About/the-source/Documents/CRSP-MC-customer-meeting.pdf>

CRSP held a subsequent online meeting on August 1, 2019, to provide additional details on the WEIS Market and responses to customer questions:

<https://www.wapa.gov/About/keytopics/Documents/crsp-eim-meeting-aug1.pdf>

A September 9, 2019, Southwest Power Pool news release announced WAPA's decision to join WEIS: <https://spp.org/newsroom/press-releases/three-regional-utilities-announce-decision-to-join-southwest-power-pool-market/>

WAPA has posted presentation and advisories on the Source: <https://www.wapa.gov/About/the-source/Pages/the-source.aspx> throughout the process.

On June 30, 2020, CRSP held the 2020 Annual Customer Meeting to share information on various topics with customers. In the closing slides CRSP Rates reiterated the need for Federal Register notices for WEIS Short-Term Rates and Joint Dispatch Transmission Service:



## CRSP Rates Next Steps

- Continue to post information to Rate Adjustment website. (CRC table with Real Customers)
- Review comments after closeout of extended comment period on July 10
- Notify customers of new rates by end of August
- FRNs for WEIS
  - Short-term Rate
  - Joint Dispatch Transmission Service
- Continue collaboration on DSW/WAPA OneRate
- Get some sleep then start building for Halloween



### III. Updated Schedule

November 6, 2020	RMR Rate Brochure outlining short-term proposals for applicable rates under WEIS Market posted
November 17, 2020	CRSP Rate Brochure outlining short-term proposals for applicable rates under WEIS Market posted
November 27, 2020	RMR and CRSP Rate Brochure comments due
~ December 2, 2020	WAPA to submit OATT filing to FERC
~ December 4, 2020	Revised RMR and/or CRSP Rate Brochures posted, if necessary
~ December 18, 2020	RMR and CRSP to finalize administrative fee and rate packages
~ January 1, 2021	WAPA Administrator sign/approve rate packages. Final rates for short-term sales rate schedules posted
~ February 1, 2021	WAPA OATT revisions effective
~ February 1, 2021	New Short-term formula rates and Business Practices in effect (or the actual commencement date of WEIS)



## **IV. Proposed Rates for Short-term Sales Rate Designs**

### **Joint Dispatch Transmission Service**

As Joint Dispatch Transmission Service is a new service required under the WEIS Market Tariff, WAPA needs to incorporate this service into its Open Access Transmission Tariff (OATT) for the CRSP TSP to offer this service when participating in the WEIS Market. As such, the currently proposed Attachment R to WAPA's OATT addresses the new service and includes an Addendum 2 to Attachment R; Schedule 8R - Joint Dispatch Transmission Service.

As required under the WEIS Market Tariff, and in accordance with WAPA's proposed OATT, Addendum 2 to Attachment R, CRSP proposes to offer this service under a new Rate Schedule, SP-NFJDT, at \$0.00/MWh, which is detailed in Section IV below.

### **Energy & Generator Imbalance Services**

CRSP currently offers Energy and Generator Imbalance Services in accordance with Schedules 4 and 9 under WAPA's OATT, Business Practices, and Rate Schedule SP-EI5. SP-EI5 states that the formula rates for imbalance services are provided through the WACM BA under Rate Schedules L-AS4 and L-AS9, or as superseded. As described in more detail in the RMR brochure, RMR proposes to continue to offer WACM BA Energy and Generator Imbalance Services under revised Rate Schedules L-AS4 and L-AS9, respectively. Therefore, CRSP will not be making any changes to its rate schedule and will continue to rely upon the existing language that points to the RMR Rate Schedules.

### **Real Power Losses Service**

CRSP does not have a separate transmission losses rate schedule and uses the Balancing Authority Real Power Losses Service provided under RMR's Rate Schedule L-AS7, which is addressed in the RMR brochure.

As stated in Section 15, and similarly in Section 28.5, of WAPA's OATT: "Real Power Losses are associated with all transmission service. The Transmission Provider is not obligated to provide Real Power Losses. The Transmission Customer is responsible for replacing losses associated with all transmission service as calculated by the Transmission Provider. The applicable Real Power Loss factors are specified in the Service Agreements." However, losses for JDTS service are set forth in Section 3.3 of Attachment R to WAPA's OATT.

The Adjustment for Losses sections in both the Network Integration Transmission Service Rate Schedule SP-NW5 and the Firm Point-To-Point Transmission Service Rate Schedule SP-PTP9 will remain unchanged.



# V. Proposed Rates for Short-term Sales Rate Schedule

**DRAFT** Rate Schedule SP-NFJDT  
SCHEDULE 8R to OATT Attachment R

**UNITED STATES DEPARTMENT OF ENERGY  
WESTERN POWER AREA ADMINISTRATION**

**COLORADO RIVER STORAGE PROJECT MANAGEMENT CENTER  
Colorado River Storage Project**

**JOINT DISPATCH TRANSMISSION SERVICE**  
(For the Western Energy Imbalance Service Market)

## **Effective**

The later of either February 1, 2021, or the actual commencement date of the Western Energy Imbalance Service (WEIS) Market, and extending through September 30, 2021, or until superseded by another rate schedule, whichever occurs earlier.

## **Applicable**

This rate schedule applies to the Colorado River Storage Project (CRSP) as the Transmission Service Provider (TSP) when the Colorado River Storage Project Management Center is participating in the WEIS Market. The Joint Dispatch Transmission Service Customer (JDTS Customer) shall compensate the CRSP TSP for JDTS commensurate with the receipt or delivery of energy dispatched for the JDTS Customer pursuant to the WEIS Tariff under the formula rate described herein.

## **Formula Rate**

Hourly delivery:

On-Peak Hours: \$0.00/MWh

Off-Peak Hours: \$0.00/MWh



## VI. Upcoming Formal Rate Adjustment Processes

### Rate Adjustments

CRSP and RMR will initiate conducting Major Rate Adjustment Processes (using combined public forums) to put new 5-year formula rates in place for CRSP joint dispatch service, LAP transmission, and LAP/WACM/CRSP ancillary services later this year.

The proposed formula rates will supersede the existing formula rates, as well as the rates for short-term sales expected to be signed in January 2021. The new 5-year formula/long-term rate schedules will be in effect from October 1, 2021, through September 30, 2026. The specifics for that process will be detailed in separate rate brochures, but a summary and proposed schedule is provided below.

### Proposed Formal Rate Adjustment Schedule

October-January 2021	Internal rate discussions
TBD	Hold Informal Meeting with Customers
TBD	Posted Q&As related to informal customer meeting
~ February 2021	Post Rate Brochures outlining proposals for all applicable rates
~ February 2021	Publication of FRN with Proposed Formula Rates (Begins 90-day comment period)
~ February 2021	Mail/E-mail Customer notification letters with a copy of the published FRN
~ March 2021	Public Information and Comment Forums (Location & Time TBD)
~ May 2021	End 90-day Comment Period
NLT September 1, 2021	WAPA Administrator sign/approve rate package
Early September 2021	Publication of FRN with Final Formula Rates
October 1, 2021	New Formula Rates in Effect
TBD	FERC's Final Approval of the Formula Rates



## **VII. Project Descriptions**

### **Colorado River Storage Project**

CRSP was authorized by the Colorado River Storage Project Act, ch. 203, 70 Stat. 105, on April 11, 1956. The project provides water-use developments for states in the Upper Basin (Colorado, New Mexico, Utah, and Wyoming) while still maintaining water deliveries to the states of the Lower Basin (Arizona, California, and Nevada) as required by the Colorado River Compact of 1922. Generation from CRSP and its participating projects, Dolores and Seedskaelee, and from the separately authorized Collbran and Rio Grande Projects, are marketed as the Salt Lake City Area/Integrated projects (SLCA/IP) since October 1, 1987. The CRSP Project has five plants: Blue Mesa, Crystal, and Morrow Point on the Gunnison River, Flaming Gorge located on the Green River, and Glen Canyon located on the Colorado River; Dolores Project has two plants: Towaoc located on the Towaoc Canal and McPhee located on the Dolores River; Seedskaelee Project has one plant: Fontenelle located on the Green River; Collbran Project has two plants: Upper and Lower Molina located on the Cottonwood & Plateau Creeks respectively; and the Rio Grande Project has one plant: Elephant Butte located on the Rio Grande River.

Operating capacity of CRSP's 16 mainstream generating units is 1,727,350 kW. CRSP provides for the electrical needs of more than 5 million people spread across Colorado, Utah, New Mexico, Arizona, Nebraska, Nevada, and Wyoming. More than 2,323 miles of transmission lines are strung throughout these states to deliver power to customers and are used by the Colorado River Colorado Missouri (CRCM) transmission system to offer open access transmission services. CRCM is the North American Electric Reliability Corporation registered JDTS Provider for CRSP transmission facilities included in the WEIS Market Footprint.

### **Loveland Area Projects**

LAP is an operational and contractual integration of the Pick-Sloan Missouri Basin Program—Western Division and the Fryngpan-Arkansas Project (Fry-Ark). LAP power is delivered to preference power customers in Colorado, Wyoming, Nebraska, and Kansas. This power is generated at 20 hydroelectric plants, one which is currently mothballed due to repair costs but has not been decommissioned. Approximately 3,366 miles of transmission lines and 84 substations are used to deliver LAP power to customers and are used by Loveland Area Projects Transmission to offer open access transmission services.

WAPA-RMR is the operator of the WACM BA (using LAP as its banker). Ancillary services provided by WACM are supplied using LAP and CRSP resources and/or other purchased resources.

