

Colorado River Storage Project
Rates
for
WEIS Market Participation

Customer Rate Brochure



**Western Area
Power Administration**

November 17, 2020
Updated December 10, 2020

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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 available ed 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). Because they are in the WEIS Market footprint, WACM and WAUW are required to register loads and resources for non-participating entities within their 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, timelines, etc. related to those offices/projects joining the WEIS Market. However, RMR and CRSP have and will continue to work closely with each other and with UGP in preparing coordinated rate schedule language, while recognizing the unique circumstances for each Project.

The purpose of this customer rate brochure is to supplement the RMR customer rate brochure originally published on November 9, 2020, and updated on December 10, 2020, with CRSP specific rate and process information. The RMR customer rate 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 its 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>

On September 9, 2019, a 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 its 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: In retrospect CRSP should have announced that the rates for Short-Term Sales do not require FRNs nor a customer comment period.



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

For clarification, this slide should have stated that an FRN is not required for implementation of a rate for short-term sales, and CRSP is not preparing an FRN for the rate for short-term sales of JDTS. However, once CRSP enters the formal rate process to put the JDTS rate in place for a 5-year rate period, as discussed in section VI, the proposal and rate order FRNs will be published according to the schedule that is outlined in the rate brochure.



III. Updated Schedule

November 6, 2020	RMR posted Rate Brochure outlining short-term proposals for applicable rates under WEIS Market
November 17, 2020	CRSP posted Rate Brochure outlining short-term proposals for applicable rates under WEIS Market
November 27, 2020	RMR and CRSP Rate Brochure comments due
December 2, 2020	WAPA filed OATT revisions with FERC
December 10, 2020	Updated/Final RMR and/or CRSP Rate Brochures posted
~ December 18, 2020	RMR and CRSP to finalize rates for short-term sales rate packages
~ January 1, 2021	WAPA Administrator sign/approve rate packages. Final rates for short-term sales rate schedules posted
~Mid-January 2021	RMR to post revisions to the new Transmission Services and Ancillary Services and Losses Business Practices on the LAPT and CRCM OASIS for a second comment period
~ February 1, 2021	WAPA OATT revisions, new formula rates for short-term sales, and new Business Practices in effect (or the actual commencement date of WEIS, whichever is later)



IV. 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 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 OATT, Addendum 2 to Attachment R, CRSP will offer this service under a new Rate Schedule, SP-NFJDT, at \$0.00/MWh, which is detailed in Section V 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 customer rate 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 customer rate brochure.

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. Preliminary 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**

RATE FOR SHORT-TERM SALES
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 (separate actions, but 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	WAPA Internal rate discussions
TBD	Hold Informal Meeting with Customers
TBD	Post Q&As related to informal customer meeting
~ February 2021	Post Rate Brochures outlining proposals for all applicable rates
~ February 2021	Publication of FRNs with Proposed Formula Rates (Begins 90-day comment period)
~ February 2021	Mail/E-mail Customer notification letters with a copy of the published Proposal FRNs
~ March 2021	Public Information and Comment Forums (Location & Time TBD)
~ May 2021	End 90-day Comment Periods
NLT September 1, 2021	WAPA Administrator sign/approve rate packages
Early September 2021	Publication of FRNs 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 CRSP is a multi-purpose project, which purposes include regulating the flow of the Colorado River, storing water for beneficial consumptive use, providing for reclamation of arid and semi-arid land, providing flood control, and generating hydropower. 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 dams with power generating facilities: 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 dams with power generating facilities: Towaoc located on the Towaoc Canal and McPhee located on the Dolores River; Seedskaelee Project has one dam with a power generating facility: Fontenelle located on the Green River; Collbran Project has two dams with power generating facilities: Upper and Lower Molina located on the Cottonwood & Plateau Creeks respectively; and the Rio Grande Project has one dam with a power generating facility: Elephant Butte located on the Rio Grande River.

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 (also referred to as SLCA/IP) 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 Fryingpan-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.

