

Rate Schedule COTP-~~T3~~T4
(Supersedes Schedule COTP-~~T2~~T3)

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

CALIFORNIA-OREGON TRANSMISSION PROJECT

SCHEDULE OF RATE FOR POINT-TO-POINT TRANSMISSION SERVICE

Effective:

October 1, ~~2011~~2024, through September 30, ~~2019~~2029, or until superseded, whichever occurs earlier. [~~Note: This rate schedule was extended by Rate Order No. WAPA-185 through September 30, 2024.~~]

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (~~Western~~WAPA), Sierra Nevada Customer Service Region (SN).

Applicable:

To customers receiving California-Oregon Transmission Project (COTP) firm and/or non-firm point-to-point (PTP) transmission service.

Character and Conditions of Service:

Transmission service for three-phase, alternating current at 60-hertz, delivered and metered at the voltages and points of delivery or receipt, adjusted for losses, and delivered to points of delivery. This service includes scheduling and system control and dispatch service needed to support the transmission service.

Formula Rate:

The formula rate for COTP firm and non-firm PTP transmission service includes three components: -

Component 1:

$$\frac{\text{COTP Transmission Revenue Requirement (TRR)}}{\text{Western WAPA-SN's COTP Seasonal Capacity}}$$

Where:

$$\text{COTP Transmission Revenue Requirement (TRR)} = \text{Is} \text{---COTP Seasonal TRR}$$

(Western WAPA-SN's costs associated with facilities that support the transfer capability of the COTP).

Western WAPA-SN's COTP Seasonal Capacity = Is WAPA-SN's share of COTP transmission capacity, Western WAPA-SN's share of COTP capacity (subject to curtailment) under the current California-Oregon Intertie (COI) transfer capability for the season. The three seasons are defined as follows: Summer June through October; Winter November through March; and Spring April through May.

subject to curtailment under the current California-Oregon Intertie (COI) transfer capability.

Western WAPA-SN will update the rate from Component 1 for COTP firm and non-firm PTP transmission service at least 15 days before the start of each COI rating the season rate period.

Rate change notifications will be posted on Western WAPA-SN's Open Access Same-Time Information System website (OASIS).

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, Western WAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner Western WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits from the Host Balancing Authority (HBA) applied to WesternWAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner. WesternWAPA-SN is charged or credited to the extent possible. If the HBA's costs charges or credits cannot be passed through to the relevant customer in the same manner WesternWAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

The formula rate above applies to the maximum amount of capacity reserved for periods ranging from 1 hour to 1 month, payable whether used or not. Billing will occur monthly.

Adjustment for Losses:

Losses incurred for service under this rate schedule will be accounted for as agreed to by the parties in accordance with the service agreement.

Adjustment for Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-~~EID5~~EID6
(Supersedes Schedule CV-~~EID4~~EID5)

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

CENTRAL VALLEY PROJECT

SCHEDULE OF RATE FOR ENERGY IMBALANCE SERVICE

Effective:

~~The first day of the first full billing period after March 25~~October 1, 2024, through
~~December September 30~~1, 2024~~2029~~, or until superseded, whichever occurs earlier.

Available:

~~In~~Within the ~~marketing~~ area served by the Western Area Power Administration (WAPA),
Sierra Nevada Customer Service Region (SN).

Applicable:

To customers receiving Energy Imbalance (EI) Service.

Character and Conditions of Service:

EI Service is provided when a difference occurs between the scheduled and the actual delivery of energy to a load within the Sub-Balancing Authority (SBA) over an hour or in accordance with approved policies and procedures. The deviation, in megawatts, is the net scheduled amount of energy minus the net metered (actual delivered) amount.

EI Service uses the deviation bandwidth that is established in the service agreement or Interconnected Operations Agreements.

Formula Rate:

The formula rate for EI Service includes three components:

Component 1:

EI Service charges are applied to deviations as follows unless otherwise dictated by contract or policy: (1) deviations within the bandwidth will be tracked and settled financially, at the greater of the California Independent System Operator (CAISO) market price, or WAPA-SN's actual cost; (2) negative deviations (under-delivery), outside the deviation bandwidth, will be charged the greater of 150-percent of the CAISO market price or 150-percent of WAPA-SN's actual cost; and (3) positive deviations (over-delivery), outside the deviation bandwidth, will be lost to the system, except for any hour when WAPA-SN incurs a cost to dispose of the energy, in which event the responsible party will bear that cost.

Deviations that occur ~~as a result of~~ due to actions taken to support reliability will be resolved in accordance with existing contractual requirements. Such actions include reserve activations or uncontrolled event responses as directed by the responsible reliability authority such as SBA, Host Balancing Authority (HBA), Reliability Coordinator, or Transmission Operator.

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate~~

~~methodology applies. When possible, WAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

~~Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.~~
~~Any charges or credits from the HBA applied to WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited to the extent possible. If the HBA's charges or credits cannot be passed through to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

Billing for negative deviations outside the bandwidth, or as otherwise required, will occur monthly.

Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash

flow management.

Rate Schedule CV-~~GID2~~GID3
(Supersedes Schedule CV-~~GID1~~GID2)

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

CENTRAL VALLEY PROJECT

SCHEDULE OF RATE FOR GENERATOR IMBALANCE SERVICE

Effective:

~~The first day of the first full billing period after March 25~~October 1, 2021~~2024~~, through-
~~December~~September 30, 2024~~9~~, ~~or until superseded~~superseded by another rate schedule,
whichever occurs earlier.

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (WAPA),
Sierra Nevada Customer Service Region (SN).

Applicable:

To generators receiving Generator Imbalance (GI) Service.

Character and Conditions of Service:

GI Service is provided when a difference occurs between the scheduled and actual delivery of energy from an eligible generation resource within the Sub-Balancing Authority (SBA), over an hour, or in accordance with approved policies. The deviation in megawatts is the net scheduled amount of generation minus the net metered output from the generator's (actual generation) amount.

GI Service is subject to the deviation bandwidth established in the service agreement or Interconnected Operations Agreements.

Formula Rate:

The formula rate for the GI Service has three components:

Component 1:

GI Service is applied to deviations as follows unless otherwise dictated by contract or policy:

(1) deviations within the bandwidth will be tracked and settled financially at the greater of the California Independent System Operator (CAISO) market price or WAPA-SN's actual cost; (2) negative deviations (under-delivery), outside the deviation bandwidth, will be charged the greater of 150-percent of the CAISO market price or 150-percent of WAPA-SN's actual cost; and (3) positive deviations (over-delivery), outside the deviation bandwidth, will be lost to the system, except for any hour when WAPA-SN incurs a cost to dispose of the energy, in which event the responsible party will bear that cost.

Deviations that occur ~~as a result of~~due to actions taken to support reliability will be resolved in accordance with existing contractual requirements. Such actions include reserve activations or uncontrolled event responses as directed by the responsible reliability authority such as SBA, Host Balancing Authority (HBA), Reliability Coordinator, or Transmission Operator.

To the extent that an entity incorporates intermittent resources, deviations will be charged as follows unless otherwise dictated by contract or policy: (1) deviations within the bandwidth will be tracked and settled financially at the greater of the CAISO market price or WAPA-SN's actual cost; (2) negative deviations (under-delivery), outside the deviation bandwidth, will be charged the greater of market price or actual cost (no penalty); and (3) positive deviations (over-delivery), outside the deviation bandwidth, will be lost to the system, except for any hour where WAPA-SN incurs a cost, then that cost will be borne by the responsible party.

Intermittent generators serving load outside of WAPA-SN's SBA will be required to dynamically schedule or dynamically meter their generation to another Balancing Authority. An

intermittent resource, for the limited purpose of these rate schedules, is an electric generator that is not dispatchable and cannot store its output, and therefore, cannot respond to changes in demand or respond to transmission security constraints.

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

Any charges or credits from the Host Balancing Authority for providing this service will be

~~passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate. Any charges or credits from the HBA applied to WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited to the extent possible. If the HBA's charges or credits cannot be passed through to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

Billing for negative deviations outside the bandwidth will occur monthly.

~~Adjustment for~~ Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-~~NWT5~~NWT6
(Supersedes Schedule CV-~~NWT4~~NWT5)

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

CENTRAL VALLEY PROJECT

SCHEDULE OF RATE FOR NETWORK INTEGRATION TRANSMISSION SERVICE

Effective:

~~October 1, 2024, through September 30, 2029, or until superseded, whichever occurs earlier. October 1, 2011~~2024~~, through September 30, 2019~~2029~~. [Note: This rate schedule was extended by Rate Order No. WAPA-185 through September 30, 2024.]~~

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (~~Western~~WAPA), Sierra Nevada Customer Service Region (SN).

Applicable:

To customers receiving Central Valley Project (CVP) Network Integration Transmission Service (NITS).

Character and Conditions of Service:

Transmission service for three-phase, alternating current at 60-hertz, delivered and metered at the voltages and points of delivery or receipt, adjusted for losses, and delivered to points of delivery. This service includes scheduling and system control and dispatch service needed to support the transmission service.

Formula Rate:

The formula rate for CVP NITS includes three components:

Component 1:

The NITS revenue requirement equals the CVP ~~Transmission~~ ~~Revenue~~ ~~Requirement~~ (TRR) less the CVP firm point-to-point revenue. Each NITS customer's allocation is based on the following formula:

$$\frac{\text{NITS Monthly Charge}}{\text{NITS customer's monthly demand charge}} = \frac{\text{NITS Customer's Load-Ratio Share}}{\text{NITS customer's load ratio share}} \times \frac{\text{Annual NITS TRR}}{12} \times \frac{1}{12} \text{ of the Annual Network TRR.}$$

Where:

NITS customer's load ratio share = The NITS customer's load, hourly, or in accordance with approved policies or procedures, (including behind the meter generation minus the NITS customer's adjusted Base Resource) coincident with the monthly CVP transmission system peak, averaged over a 12-month rolling period, expressed as a ratio.

Annual Network TRR = The total CVP TRR less revenue from long-term contracts for the CVP transmission between ~~Western~~ WAPA-SN and other parties.

The Annual Network TRR will be revised when the formula rate from Component 1 of the CVP Transmission Rate under Rates Schedule CV-~~T3-T4~~ is revised.

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to

the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, Western WAPA-SN will pass through directly to the relevant customer. FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner Western WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate. —

~~Any charges or credits from the Host Balancing Authority (HBA) applied to Western WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited to the extent possible. If the HBA's costs charges or credits cannot be passed through to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

NITS will be billed monthly under the formula rate.

Adjustment for Losses:

Losses incurred for service under this rate schedule will be accounted for as agreed to by the parties in accordance with the service agreement.

~~Adjustment for~~ Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-~~T3T4~~
(Supersedes Schedules CV- ~~T2T3~~)

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

CENTRAL VALLEY PROJECT

~~SCHEDULE OF RATE FOR~~ POINT-TO-POINT TRANSMISSION SERVICE

Effective:

October 1, ~~2011~~2024, through September 30, ~~2019~~2029, or until superseded, whichever occurs earlier. [~~Note: This rate schedule was extended by Rate Order No. WAPA-185 through September 30, 2024.~~]

Available:

~~In~~Within the ~~marketing~~ area served by the Western Area Power Administration (~~Western~~WAPA), Sierra Nevada Customer Service Region (SN).

Applicable:

To customers receiving Central Valley Project (CVP) firm and/or non-firm Point-to-Point (PTP) transmission service.

Character and Conditions of Service:

Transmission service for three-phase, alternating current at 60-hertz, delivered and metered at the voltages and points of delivery or receipt, adjusted for losses, and delivered to points of delivery. This service includes scheduling and system control and dispatch service needed to support the transmission service.

Formula Rate:

The formula rate for CVP firm and non-firm PTP transmission includes three components: ~~:-~~

Component 1:

$$\frac{\text{CVP Transmission Revenue Requirement (TRR)} (\$)}{\text{Contracted PTP Transmission Capacity (PTPc)} + \text{Network Integration Transmission Service Capacity (NITSc)}} = \frac{\text{Total Transmission Capacity (TTe)} + \text{Network Integration Transmission Service Capacity (NITSc)}}{\text{(kW)}}$$

Where:

~~CVP TRR =~~ ~~TRR is~~ TRR is the cost associated with facilities that support the transfer capability of the CVP transmission system, excluding generation facilities and radial lines. ~~The cost associated with facilities that support the transfer capability of the CVP transmission system, excluding generation facilities and radial lines.~~

~~TTe-PTPc =~~ ~~The TTe is~~ The PTPc is the total PTP transmission capacity (kW) under long-term contract between WAPA and other parties. ~~The total CVP transmission capacity under a long-term contract between Western WAPA-SN and other parties.~~

~~NITSc =~~ ~~The NITSc is the 12-month average coincident peaks (kW) of Network Integrated Transmission Service (NITS) customers at the time of the monthly CVP transmission system peak (kW).~~ The NITSc is the ~~The 12-month average coincident peaks of Network Integrated Transmission Service (NITS) customers at the time of the monthly CVP transmission system peak. For rate design purposes, Western WAPA-SN's use of the transmission system to meet its statutory obligations is treated as NITS.~~

~~Western WAPA-SN~~ may revise the rate from Component 1 based on either of the following conditions: (1) updated financial data available in March of each year; or (2) a change

in the numerator or denominator that results in a rate change of at least \$0.05 per kilowatt month (kW month). Rate change notifications will be posted on ~~Western~~ WAPA-SN's Open Access Same-Time Information System (OASIS).

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory bodies will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, WesternWAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner WesternWAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner WesternWAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

~~Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate. — Any charges or credits from the Host Balancing Authority (HBA) applied to Western WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited to the extent possible. If the HBA's costs charges or credits cannot be passed through to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

The formula rate above applies to the maximum amount of capacity reserved for periods ranging from 1 hour to 1 month, payable whether used or not. Billing will occur monthly.

Adjustment for Losses:

Losses incurred for service under this rate schedule will be accounted for as agreed to by the parties in accordance with the service agreements.

Adjustment for Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-~~RFS4~~RFS5
(Supersedes Schedule CV-~~RFS3~~RFS4)

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

CENTRAL VALLEY PROJECT

SCHEDULE OF RATE FOR REGULATION AND FREQUENCY RESPONSE SERVICE

Effective:

October 1, ~~2011~~2024, through September 30, ~~2019~~2029, or until superseded, whichever occurs earlier. ~~[Note: This rate schedule was extended by Rate Order No. WAPA 185 through September 30, 2024.]~~

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (Western WAPA), Sierra Nevada Customer Service Region (SN).

Applicable:

To customers receiving Regulation and Frequency Response Service (Rregulation).

Character and Conditions of Service:

Regulation is necessary to provide for the continuous balancing of resources and interchange with load and for maintaining scheduled interconnection frequency at 60-cycles per second.

~~Regulation is accomplished by committing on-line generation whose output is raised or lowered, predominantly using automatic generating control equipment, as necessary, to follow the moment-by-moment changes in load.~~

Formula Rate:

The formula rate for regulation includes three components:

Component 1:

$$\text{Regulation Rate} = \frac{\text{Annual Regulation Revenue Requirement}}{\text{Annual Regulating Capacity (Kilowatt(kW))}}$$

Where:

The annual regulation revenue requirement includes: (1) the Central Valley Project generation costs associated with providing regulation, and (2) the non-facility costs allocated to regulation; and is: -calculated by dividing the Generation Revenue Requirement by the prior year plant capacity usage times the Regulation capacity.

The annual regulating capacity is one-half of the total regulating capacity bandwidths provided by WesternWAPA-SN under the Interconnected Operations Agreements with Sub-Balancing Authority (SBA) members.

The penalty for non-performance by an SBA customer who has committed to self-provision for their regulating capacity requirement will be the greater of 150 percent of WesternWAPA-SN's actual costs or 150 percent of the market price.

WesternWAPA-SN will revise the formula rate resulting from Component 1 based on either of the following two conditions: (1) updated financial data available in March of each year; or (2) a change in the numerator or denominator that results in a rate change of at least \$0.25 per kW month.

Component 2:

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, WesternWAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or~~

~~credits in the same manner Western WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate. Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula~~

Component 3:

~~Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate. Any charges or credits from the Host Balancing Authority (HBA) applied to Western WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited to the extent possible. If the HBA's costs charges or credits cannot be passed through to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

The formula rate above will be applied to the regulating capacity bandwidth contained in the

service agreement. Billing will occur monthly.

~~Adjustment for~~ **Audit Adjustments:**

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-~~SSP2~~SSP3
(Supersedes Schedule CV-~~SSP1~~SSP2)

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

CENTRAL VALLEY PROJECT

SCHEDULE OF RATE FOR SALE OF SURPLUS PRODUCTS

Effective:

October 1, 2024, through September 30, 2029, or until superseded by another rate schedule,
whichever occurs earlier~~March 25, 2021, through December 31, 2024.~~

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (WAPA),
Sierra Nevada Customer Service Region (SN).

Applicable:

To WAPA-SN customers participating in the Sale of Surplus Products.

Character and Conditions of Service:

Sale of Surplus Products occurs when there is a sale of surplus energy and/or capacity products. This includes: (1) Energy, (2) Frequency Response [Service](#), (3) Regulation, (4) Reserves, and (5) Resource Sufficiency. If any of the surplus products are available, WAPA-SN could make the product(s) available for sale, provided entities enter into separate agreement(s) which will specify the terms of sale(s).

Formula Rate:

The formula rate for Sale of Surplus Products service includes three components:

Component 1:

WAPA-SN will determine the charge for each product at the time of sale to be the greater of WAPA-SN's cost or market rates, to include transmission charges. WAPA-SN will use a separate agreement(s) to specify the terms of sale(s). The customer may be responsible for acquiring additional transmission service necessary to deliver the product(s), for which a separate charge may be incurred from the transmission provider.

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

~~Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.~~ Any charges or credits from the Host Balancing Authority (HBA) applied to WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited to the extent possible. If the HBA's costs charges or credits cannot be passed through to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.

Billing:

The formula rate above will be applied to the Sale of Surplus product(s) sold. Billing will occur monthly.

Adjustment for Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-~~SPR4~~SPR5
(Supersedes Schedule CV-~~SPR3~~SPR4)

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION

CENTRAL VALLEY PROJECT

OPERATING RESERVE - ~~SCHEDULE OF RATE FOR~~ SPINNING RESERVE
SERVICE

Effective:

October 1, ~~2011~~2024, through September 30, ~~2019~~2029, or until superseded, whichever occurs earlier. [~~Note: This rate schedule was extended by Rate Order No. WAPA-185 through September 30, 2024.~~]

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (~~Western~~WAPA), Sierra Nevada Customer Service Region (SN).

Applicable:

To customers receiving spinning reserve service.

Character and Conditions of Service:

Spinning ~~R~~reserve ~~S~~service supplies capacity that is available immediately to serve load and is synchronized with the power system.

Formula Rate:

The formula rate for spinning reserve includes three components:

Component 1:

The formula rate for spinning reserve service is the price consistent with the California Independent System Operator's (CAISO) market plus all costs incurred ~~as a result of~~from the sale of spinning reserves, such as ~~Western~~WAPA-SN's scheduling costs.

For customers that have a contractual obligation to provide spinning reserve to ~~Western~~WAPA-SN and do not fulfill that obligation, the penalty for non-performance is the greater of 150-percent of ~~Western~~WAPA-SN's actual cost or 150-percent of the market price.

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, WesternWAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner WesternWAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner WesternWAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

Any charges or credits from the Host Balancing Authority for providing this service will be

passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~—Any charges or credits from the Host Balancing Authority (HBA) applied to Western WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited to the extent possible. If the HBA's costs charges or credits cannot be passed through to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

The formula rate above will be applied to the amount of spinning reserve sold. Billing will occur monthly.

Adjustment for **Audit Adjustments:**

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-~~SUR4~~SUR5
(Supersedes Schedule CV-~~SUR3~~SUR4)

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

CENTRAL VALLEY PROJECT

**SCHEDULE OF RATE FOR ~~OPERATING RESERVE~~ - SUPPLEMENTAL RESERVE
SERVICE**

Effective:

October 1, ~~2011~~2024, through September 30, ~~2019~~2029, or until superseded, whichever occurs earlier. ~~[Note: This rate schedule was extended by Rate Order No. WAPA-185 through September 30, 2024.]~~

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (~~Western~~WAPA), Sierra Nevada Customer Service Region (SN).

Applicable:

To customers receiving supplemental reserve service.

Character and Conditions of Service:

Supplemental reserve service supplies capacity that is available within the first 10 minutes to take load and is synchronized with the power system.

Formula Rate:

The formula rate for supplemental reserve service includes three components:

Component 1:

The formula rate for supplemental reserve service is the price consistent with the California Independent System Operator's (CAISO) market plus all costs incurred as a result of the sale of supplemental reserves, such as ~~Western~~WAPA-SN's scheduling costs.

For customers that have a contractual obligation to provide supplemental reserve service to Western WAPA-SN and do not fulfill that obligation, the penalty for non-performance is the greater of 150 percent of Western WAPA-SN's actual cost or 150 percent of the market price.

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, Western WAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner Western WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and

credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~— Any charges or credits from the Host Balancing Authority (HBA) applied to Western WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited to the extent possible. If the HBA's costs— charges or credits cannot be passed through to the relevant customer in the same manner— Western WAPA-SN is charged or credited, the charges or credits will be passed through using— Component 1 of the formula rate.—~~

Billing:

The formula rate above will be applied to the amount of supplemental reserve service sold.

Billing will occur monthly.

Adjustment for Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-~~TPT7~~TPT8
(Supersedes Schedule CV-~~TPT6~~TPT7)

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION

CENTRAL VALLEY PROJECT

~~SCHEDULE OF RATE FOR TRANSMISSION OF WESTERN WAPA POWER BY~~
OTHERS

Effective:

October 1, ~~2011~~2024, through September 30, ~~2019~~2029, or until superseded, whichever occurs earlier. [~~Note: This rate schedule was extended by Rate Order No. WAPA-185 through September 30, 2024.~~]

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (~~Western~~WAPA), Sierra Nevada Customer Service Region (SN).

Applicable:

To ~~Western~~WAPA-SN's power service customers who require transmission service by a third-party to receive power sold by ~~Western~~WAPA-SN.

Character and Conditions of Service:

Transmission service for three-phase, alternating current at 60-hertz, delivered and metered at the voltages and points of delivery or receipt, adjusted for losses, and delivered to points as agreed to by the parties.

Formula Rate:

The formula rate for transmission of ~~Western~~WAPA-SN's power by others includes three components.

Component 1:

When ~~Western~~WAPA-SN uses transmission facilities other than its own in supplying ~~Western~~WAPA-SN power and costs are incurred by ~~Western~~WAPA-SN for the use of such facilities, the customer will pay all costs, including transmission losses, incurred in the delivery of such power.

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, Western~~WAPA-SN ~~will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner WesternWAPA-SN ~~is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner WesternWAPA-SN ~~is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~~~~~

Component 3:

~~– Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.~~
~~Any charges or credits from the Host Balancing Authority (HBA) applied to Western WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited to the extent possible. If the HBA's costs charges or credits cannot be passed through to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

Third-party transmission will be billed monthly under the formula rate.

Adjustments for losses:

All losses incurred for delivery of power under this rate schedule will be the responsibility of the customer that received the power.

~~Adjustment for~~ Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

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

CENTRAL VALLEY PROJECT

SCHEDULE OF RATE FOR UNRESERVED USE PENALTIES

Effective:

October 1, ~~2011~~2024, through September 30, ~~2019~~2029, or until superseded, whichever occurs earlier. [~~Note: This rate schedule was extended by Rate Order No. WAPA-185 through September 30, 2024.~~]

Available:

~~Within~~ In the ~~marketing~~ area served by the Western Area Power Administration (~~Western~~ WAPA), Sierra Nevada Customer Service Region (SNR).

Applicable:

~~Western~~ P added this ~~penalty rate for~~ To unreserved use of transmission service for the Central Valley Project, California-Oregon Transmission Project, and Pacific Alternating Current Intertie ~~effective October 1, 2011~~. This penalty is applicable to point-to-point (PTP) transmission customers using transmission not reserved or ~~in excess of more than reservation reserved~~, or network customers when they schedule delivery of off-system non-designated purchases using transmission capacity reserved for designated network resources.

Character and Conditions of Service:

Transmission service for three-phase, alternating current at 60-hertz, delivered and metered at the voltages and points of delivery or receipt, adjusted for losses, and delivered to points of delivery. This service includes scheduling and system control and dispatch service needed to

support the transmission service.

Penalty Rate:

The formula rate for Unreserved Use Penalty (UUP) has three components.

Component 1:

~~The UUP service is provided when a transmission customer uses transmission service that it has not reserved or uses transmission service in excess of its reserved capacity.~~—A transmission customer that has not reserved capacity or exceeds its firm or non-firm reserved capacity at any point of receipt or any point of delivery will be assessed UUP.

The penalty charge for a transmission customer who engages in unreserved use is 200 percent of [Western WAPA-SN](#)'s approved transmission service rate for PTP transmission service assessed as follows: (1) the UUP for a single hour of unreserved use will be based upon the rate for daily firm PTP service; (2) the UUP for more than one assessment for a given duration (e.g., daily) will increase to the next longest duration (e.g., weekly); and (3) the UUP for multiple instances of unreserved use (e.g., more than 1 hour) within a day will be based on the rate for daily firm PTP service. The penalty charge for multiple instances of unreserved use isolated to one-calendar week would result in a penalty based on the charge for weekly firm PTP service. The penalty charge for multiple instances of unreserved use during more than one week within a calendar month is based on the charge for monthly firm PTP service.

The UUP will not apply to transmission customers utilizing PTP transmission service under [Western WAPA](#)'s Open Access Transmission Tariff (OATT) ~~as a result of~~because of action taken to support reliability. Such actions include reserve activations or uncontrolled event response as directed by the responsible reliability authority such as Sub-Balancing Authority, Host Balancing Authority (HBA), Reliability Coordinator, or Transmission Operator.

A transmission customer that exceeds its firm or non-firm reserved capacity is required to pay for all ancillary services identified in [WesternWAPA](#)'s OATT associated with the unreserved use of transmission service. The transmission customer or eligible customer will pay for ancillary services, in accordance with existing rate schedules, based on the amount of transmission service it used but did not reserve.

The UUP collected over and above the base PTP rate will be distributed to customers as a credit on future transmission revenue requirements.

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, WesternWAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner WesternWAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to~~

~~the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the penalty rate.~~

Component 3:

~~Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.~~

~~Any charges or credits from the HBA applied to Western WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited to the extent possible. If the HBA's costs or credits cannot be passed through to the relevant customer in the same manner Western WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the penalty rate.~~

Billing:

The UUP will be billed monthly under the formula rate.

Adjustments for ~~losses~~ Losses:

~~AHHL~~ Losses incurred for delivery of power under this rate schedule shall be the responsibility of the customer that received the power.

Adjustment for ~~Audit~~ Audit Adjustments:

Financial audit adjustments that apply to the formula rate will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-EIM1S~~1~~EIM2S
(Supersedes Rate Schedule CV-EIM1S)

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION

CENTRAL VALLEY PROJECT

SCHEDULE OF RATE FOR ENERGY IMBALANCE MARKET
ADMINISTRATIVE SERVICE CHARGE

Effective:

March 25~~October 1, 2024, 2021~~, through December ~~September 310, 2024~~2029, or until
~~superseded, whichever occurs earlier.-~~

Available:

Within~~In~~ the marketing area served by the Western Area Power Administration (WAPA),
Sierra Nevada Customer Service Region (SN).

Applicable:

This rate applies to WAPA-SN customers when WAPA-SN, as Transmission Service
Provider, is participating in Energy Imbalance Market (EIM) and when EIM has not been
suspended. The rate applies to the extent WAPA-SN incurs EIM Administrative Service-related
charges-costs from the EIM Entity during periods of market suspension or contingency, this
schedule also applies to ensure that WAPA-SN, as Transmission Provider, remains revenue-
neutral for its participation in EIM.

Character and Conditions of Service:

The EIM Administrative Service rate Charge recovers the administrative costs for
participating in the EIM by WAPA-SN as a Participating Resource Scheduling
Coordinator~~Transmission Provider~~, including but not limited to such administrative charges as

may be incurred by WAPA-SN from California Independent System Operator (CAISO) as the EIM Market Operator (MO) and/or Balancing Authority of Northern California (BANC) as the EIM Entity.

Unless such charges are allocated to the Transmission Customer directly by BANC, all Transmission Customers purchasing Long-Term Firm Point-to-Point Transmission Service, Short-Term Firm Point-to-Point Transmission Service, Non-Firm Point-to-Point Transmission Service, or Network Integration Transmission Service from WAPA-SN shall ~~be required to acquire incur an~~ EIM Administrative Service Charge from WAPA-SN.

CAISO's Administrative Service Charge, as defined in the MO Tariff, is included in this rate. This rate also includes administrative charges assessed to WAPA-SN by BANC based on net energy load within the WAPA-SN Sub-Balancing Authority Area.

Formula Rate:

The formula rate for EIM Administrative Service ~~Charge~~ includes three components:

Component 1:

~~The~~ EIM Administrative Service ~~Charge costs~~ shall be sub-allocated to WAPA-SN's Transmission Customers based on load ratio share for the time ~~period~~ in which WAPA-SN incurs EIM administrative costs.

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not

possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through directly to the relevant customer. FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate. —

~~Any charges or credits from the Host Balancing Authority (HBA) applied to WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited to the extent possible. If the HBA's charges or credits cannot be passed through to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

Billing will occur monthly.

Adjustment for Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION

CENTRAL VALLEY PROJECT

SCHEDULE OF RATE FOR ENERGY IMBALANCE MARKET
ENERGY IMBALANCE SERVICE

Effective:

~~March 25~~October 1, 20212024, through ~~December~~September 30, 20242029, or until
superseded, whichever occurs earlier.

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (WAPA),
Sierra Nevada Customer Service Region (SN).

Applicable:

This rate applies to WAPA-SN customers receiving Energy Imbalance (EI) Service when WAPA-SN, as Transmission Provider, is participating in Energy Imbalance Market (EIM) and when EIM has not been suspended. To the extent WAPA-SN incurs EIM EI Service-related charges from the EIM Entity during periods of market suspension or contingency, this schedule will also apply to ensure that WAPA-SN, as Transmission Provider, remains-revenue neutral for its participation in EIM.

Character and Conditions of Service:

EI Service is provided when a difference occurs between the scheduled and the actual delivery of energy to a load located within the WAPA-SN Sub-Balancing Authority Area (Sub-

BAA). WAPA-SN offers this service when transmission service is used to serve load within the WAPA-SN Sub-BAA.

Unless subsequently imposed by California Independent System Operator (CAISO) as the Market Operator (MO) as part of the MO Tariff and promulgated by WAPA through rate proceedings, there shall be no incremental transmission charge assessed for transmission use related to the EIM. Transmission Customers must have transmission service rights, as set forth in Attachment S of WAPA's Tariff.

Formula Rate:

The formula rate for EI Service includes three components:

Component 1:

EI Service is the deviation of the Transmission Customer's metered load compared to the load component of the Transmission Customer Base Schedule settled as Uninstructed Imbalance Energy (UIE) for the period of the deviation at the applicable Load Aggregation Point (LAP) price where the load is located.

EI Service penalties are applied to deviations as follows unless otherwise dictated by contract or policy: (1) negative deviations (under-delivery), outside the deviation bandwidth, will be charged the greater of 50-percent of the CAISO market price or 50-percent of WAPA-SN's actual cost; and (2) positive deviations (over-delivery), outside the deviation bandwidth, will be lost to the system, except for any hour when WAPA-SN incurs a cost to dispose of the energy, in which event the responsible party will bear that cost.

Deviations that occur as a result of due to actions taken to support reliability will be resolved in accordance with existing contractual requirements. Such actions include reserve activations or uncontrolled event responses as directed by the responsible reliability authority such as SBA,

Host Balancing Authority (HBA), Reliability Coordinator, or Transmission Operator.

~~Unless such charges are allocated to the Transmission Customer directly by Balancing Authority of Northern California (BANC) as the EIM Entity, a Transmission Customer will be responsible for any pass-through charges and/or credits associated with applicable EI Service charges allocated to WAPA-SN, as Transmission Provider, for its participation in the EIM, in accordance with this rate schedule. WAPA-SN will sub-allocate load charges based on a Transmission Customer's load ratio share.~~

~~WAPA will charge a penalty for out-of-bandwidth negative deviations (under delivery), at the greater of 150 percent of the CAISO market price or 150 percent of WAPA-SN's actual cost.~~

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same~~

~~manner WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~—Any charges or credits from the Host Balancing Authority (HBA) applied to WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited to the extent possible. If the HBA's charges or credits cannot be passed through to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

Billing will occur monthly.

Adjustment for Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION

CENTRAL VALLEY PROJECT

SCHEDULE OF RATE FOR ENERGY IMBALANCE MARKET
GENERATOR IMBALANCE SERVICE

Effective:

~~March 25~~October 1, 2021~~4~~, through ~~December~~September 30, 2024~~2029~~, or until
superseded, whichever occurs earlier.

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (WAPA),
Sierra Nevada Customer Service Region (SN).

Applicable:

This rate applies to WAPA-SN customers receiving Generator Imbalance (GI) Service when WAPA-SN, as Transmission Provider, is participating in Energy Imbalance Market (EIM) and when EIM has not been suspended. To the extent WAPA-SN incurs EIM GI Service-related charges from the EIM Entity during periods of market suspension or contingency, this schedule will also apply to ensure that WAPA-SN, as Transmission Provider, remains revenue-neutral for its participation in EIM.

Character and Conditions of Service:

GI Service is provided when a difference occurs between the output of EIM Non-Participating Resource located in the WAPA-SN Sub-Balancing Authority (Sub-BAA), as reflected in the resource component of the Transmission Customer Base Schedule, and the delivery schedule

from that generator to (1) another BAA, (2) the Balancing Authority of Northern California (BANC) BAA, or (3) a load within the WAPA-SN Sub-BAA.

Unless subsequently imposed by California Independent System Operator (CAISO) as the Market Operator (MO) as part of the MO Tariff and promulgated by WAPA through rate proceedings, there shall be no incremental transmission charge assessed for transmission use related to the EIM. Transmission Customers must have transmission service rights, as set forth in Attachment S of WAPA's Tariff.

Formula Rate:

The formula rate for GI Service includes three components:

Component 1:

GI Service penalties are applied to deviations as follows unless otherwise dictated by contract or policy: (1) negative deviations (under-delivery), outside the deviation bandwidth, will be charged the greater of 50-percent of the CAISO market price or 50-percent of WAPA-SN's actual cost; and (2) positive deviations (over-delivery), outside the deviation bandwidth, will be lost to the system, except for any hour when WAPA-SN incurs a cost to dispose of the energy, in which event the responsible party will bear that cost.

Deviations that occur due to actions taken to support reliability will be resolved in accordance with existing contractual requirements. Such actions include reserve activations or uncontrolled event responses as directed by the responsible reliability authority such as SBA, Host Balancing Authority (HBA), Reliability Coordinator, or Transmission Operator.

To the extent that an entity incorporates intermittent resources, deviations will be charged as follows unless otherwise dictated by contract or policy: (1) negative deviations (under-delivery), outside the deviation bandwidth, will be charged the greater of market price or actual cost (no

penalty); and (2) positive deviations (over-delivery), outside the deviation bandwidth, will be lost to the system, except for any hour where WAPA-SN incurs a cost, then that cost will be borne by the responsible party.

Intermittent generators serving load outside of WAPA-SN's SBA will be required to dynamically schedule or dynamically meter their generation to another Balancing Authority. An intermittent resource, for the limited purpose of these rate schedules, is an electric generator that is not dispatchable and cannot store its output, and therefore, cannot respond to changes in demand or respond to transmission security constraints.

~~Unless such charges are allocated to the Transmission Customer directly by BANC as the EIM-Entity, a Transmission Customer shall be responsible for any pass-through charges and/or credits associated with applicable GI Service charges allocated to WAPA-SN, as Transmission Provider, for its participation in EIM, in accordance with this rate schedule. Such charges will be included due to operational adjustments of any affected Interchange. WAPA-SN will directly assign charges and/or sub-allocate charges based on the Transmission Customer's load ratio share.~~

~~WAPA will charge a penalty for out of bandwidth negative deviations (under delivery), at the greater of 150 percent of the CAISO market price or 150 percent of WAPA-SN's actual cost.~~

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not

possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through directly to the relevant customer. FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner WAPA-SN is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Component 3:

Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits from the Host Balancing Authority (HBA) applied to WAPA-SN for providing this service will be passed through directly to the relevant customer in the same manner WAPA-SN is charged or credited to the extent possible. If the HBA's charges or credits cannot be passed through to the relevant customer in the same manner WAPA-SN is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

Billing will occur monthly.

~~Adjustment for~~ Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CV-~~F13~~F14
(Supersedes Schedule CV-~~F12~~F13)

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

CENTRAL VALLEY PROJECT

SCHEDULE OF RATES FOR BASE RESOURCE AND FIRST PREFERENCE POWER

Effective:

October 1, ~~2011~~2024, through September 30, ~~2019~~2029, or until superseded, whichever occurs earlier. [Note: This rate schedule was extended by Rate Order No. WAPA 185 through September 30, 2024.]

Available:

~~Within~~In the ~~marketing~~ area served by the Western Area Power Administration (Western WAPA), Sierra Nevada Customer Service Region (SN).

Applicable:

To the Base Resource (BR) and First Preference (FP) Power Customers.

Character and Conditions of Service:

Alternating current, 60-hertz, three-phase, delivered and metered at the voltages and points established by contract. This service includes the Central Valley Project (CVP) transmission (to include reactive supply and voltage control from Federal generation sources needed to support the transmission service), spinning reserve service, and supplemental reserve service.

Formula Rate:

The formula rate includes three components.:-

Component 1:

Power Revenue Requirement (PRR):

~~Western WAPA-SN~~ will develop the PRR ~~prior to before~~ the start of each fiscal year (FY). The PRR will be divided ~~in~~ into two 6-month periods, October through March, and April through September, based on FP and BR percentages. The PRR ~~for the April through September period~~ will be reviewed in March of each year. ~~The review will analyze financial data from the October through February period, to the extent information is available, as well as forecasted data for the March-through-September period.~~ If there is a change of \$5 million or more, the PRR will be recalculated for the entire FY. The PRR is allocated to FP Customers and BR Customers based on formula rates, as adjusted for Hourly Exchange (HE), FP true-up calculation and midyear adjustments.

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Commented [SJ3]: Removed procedural language

Example of PRR Allocation to FP and BR		
Component	Formula	Allocation
Annual PRR		\$70,000,000
FP Customers' Allocation (Total FP % = 5%)	$\$70,000,000 \times 5\%$	\$3,500,000
Remaining PRR Allocated to BR	$\$70,000,000 - \$3,500,000$	\$66,500,000
Note: This example is intended to show the PRR allocation to the customer groups and is not adjusted for billing, midyear adjustments or FP true-up calculation.		

Commented [SJ4]: Remove example from rate schedule...not referenced and it's included in the rate brochure. Unnecessary, for rate schedule.

FP Power Formula Rate:

The annual FP customer allocation is equal to the annual PRR multiplied by the relevant FP percentage. ~~The formula rate for FP power has three components.~~

Component 1:

$$\text{FP Customer Percentage} = \frac{\text{FP Customer Load}}{\text{Gen} + \text{Power Purchases} - \text{Project Use}}$$

$$\frac{\text{FP Revenue Requirement}}{\text{Customer Charge}} = \frac{\text{PPR} \times \text{FP Customer Percentage} \% \times \text{MRR}}{\text{MRR}}$$

$$\text{FP Customer Percentage} = \frac{\text{FP Customer Load}}{\text{Gen} + \text{Power Purchases} - \text{Project Use}}$$

Where:

FP Customer Load = ~~An~~ FP Customer's forecasted annual load ~~in megawatt hours~~ (MWh)

Gen = ~~The~~ Forecasted annual CVP ~~;~~ Lewiston and Washoe generation (MWh)

Power Purchases = Power purchases for Project Use and FP loads (MWh)

Project Use = ~~The~~ Forecasted annual Project Use loads (MWh)

~~MRR = Monthly PRR.~~

~~Western WAPA-SN~~ will develop each FP customer's percentage ~~prior to before~~ the start of each FY, ~~and, During March of each FY, each FP customer reviewed in March every year.~~ If, ~~as a result of the review,~~ there is a change ~~in a FP customer's percentage~~ of more than one-half of 1 percent, the percentage will be revised ~~for the full FY for the April through September period and billing will be adjusted over the remaining 6 months~~ ~~ing adjustments made for the October through March period to reflect the revised percentage.~~

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FP Customer	Year 1 FP % (Based on estimate)	Year 1 FP and BR PRR Allocation	Year 1 Actual FP % (Determined during Year 2)	Year 1 FP and BR Actual (adjusted) PRR Allocation	Difference (Applied in Year 3)
Customer A	0.35%	\$262,500	0.38%	\$285,000	\$22,500
Customer B	0.90%	\$675,000	0.85%	\$637,500	(\$37,500)
Customer C	2.80%	\$2,100,000	2.90%	\$2,175,000	\$75,000
Customer D	0.75%	\$562,500	0.75%	\$562,500	\$0
Total	4.80%	\$3,600,000	4.88%	\$3,660,000	\$60,000
BR Customers	Contractual %	\$71,400,000	Contractual %	\$71,340,000	(\$60,000)
Total PRR (Year 1)		\$75,000,000	Total PRR	\$75,000,000	\$0

Commented [SJ6]: Removed hypothetical rate calculation as they are duplicated in the rate brochure.

In addition, ~~Western WAPA-SN is adopting~~ will perform a true-up ~~methodology for FP~~

~~Customers~~ each year ~~in order~~ to ensure FP Customers pay their proportionate share of the PRR. +

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~~The FP customers' percentage is limited to a percentage of the PRR. The percentages in~~ The table below ~~shows are~~ the maximum percentages for each FP customer that will be applied to the ~~M~~PRR. ~~during the rate period October 1, 2011, through September 30, 2016. The maximum percentages were determined based on a critically dry year where there are hydrologic conditions that result in low CVP generation and, consequently, low levels of BR. An FP percentages cannot exceed the maximum except in instances where an individual FP customers' percentage~~

Commented [SJ8]: Removed hypothetical rate calculation as they are duplicated in the rate brochure.

Commented [SJ9]: Removed procedural language...it's in rate brochure

increases due to load growth. If ~~these~~ maximum percentages are ~~used for determining the FP customer charges exceeded~~ for more than one year, ~~Western~~ WAPA-SN will ~~reevaluate and update~~ customer ~~maximum~~ percentages ~~from the formula rate versus the maximum percentage and make adjustments as appropriate.~~

FP Actual Maximum Percentages Effective Rate Period FY 2012 through FY 2016	
FP Customer	Maximum FP Customer Percentage Applied to the PMRR
Sierra Conservation Center	1.58%
Calaveras Public Power Agency	3.81%
Trinity Public Utilities District	12.01%
Tuolumne Public Power Agency	3.16%
Chicken Ranch Rancheria	0.96%
Total	20.56152%

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Below is a sample calculation for an FP customer's monthly charge for power.

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Example: FP Monthly Customer Charge Calculation	
Numerator	
— FP Customer's Load — MWh	10,000
Denominator	
— Washoe Generation — MWh	2,500
— CVP Generation — MWh	3,700,000
— PU Load — MWh	(1,200,000)
— PU Purchase — MWh	47,000
Calculated Percentage	
— FP Customer's Percentage	0.39%
Monthly Power Revenue Requirement (MRR)	\$3,333,333
FP Customer Monthly Charge = (FP % x MRR)	\$13,000

Component 2:

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, Western will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner Western is charged or~~

~~credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner Western is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

~~Component 3:~~

~~Any charges or credits from the Host Balancing Authority (HBA) applied to Western for providing this service will be passed through directly to the relevant customer in the same manner Western is charged or credited to the extent possible. If the HBA's costs or credits cannot be passed through to the relevant customer in the same manner Western is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

BR Formula Rate:

The annual BR ~~customer allocation~~ revenue requirement is equal to the annual P ~~To Variable Resources (VR) Customers requesting scheduling for this service. A scheduling charge is applicable to VR customers requesting WAPA SN to schedule CPP purchases.~~ RR less the annual FP customer allocation revenue requirement. The annual BR customer allocation is equal to the annual PRR multiplied by the relevant BR percentage. ~~The formula rate for BR has three components.~~

Component 1:

$$\text{BR Revenue Requirement Customer Allocation} = \text{Customer Allocation} = (\text{BR PRR} \times \text{BR}\%)$$

Where:

~~BR RR = BR Monthly Revenue Requirement (RR)~~

BR% = BR percentage for each customer as indicated in the BR contract after adjustments for programs, such as HE, if applicable.

Commented [SJ12]: Duplication: Component 2 & 3 both apply to FP Power, however they don't need to be described twice. They are duplicated towards the end of this schedule

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After the FP Customers' share of the annual PRR has been determined, including a prior period true-up from the FP formula rate, the remainder of the annual PRR is recovered from the BR Customers. ~~BR Customers' allocation will also be adjusted by the amount of under- or overpayment by FP Customers.~~ The BR Revenue Requirement~~RR~~ will be collected in two 6-month periods: ~~25%.~~ ~~For~~ for October through March, ~~and 25 percent of the BR RR will be collected.~~ 75% for ~~d.~~ For April through September, ~~75 percent of the BR RR will be collected.~~ The monthly BR RR is calculated by dividing the BR 6-month RR by six. The revenues from the sale of surplus BR will be applied to the annual BR RR for the following FY.

~~An example of a reallocation program is the HE program. BR Customers pay for exchange energy, hourly or seasonally, by adjusting the BR percentage that is applied to the BR RR. Adjustments to a customer's BR percentage for seasonal exchanges will be reflected in the customer's BR contract.~~

~~An illustration of the adjustment to a customer's BR percentage for HE energy is shown in the example below.~~

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Example of BR Percentage Adjustments for HE Energy

BR Customer	BR % from Contract	Hourly BR = 30 MWh	Customer's BR Load	Customers Receiving HE	BR Delivered (Adj'd for HE)	Revised BR %
Customer A	20%	6	3	0	3	10.0%
Customer B	40%	3	0	1	4	13.3%
Customer C	70%	21	0	2	23	76.7%
Total	100%	30	3	3	30	100.0%

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule ~~accepted or approved~~ by FERC or other regulatory bodies will be passed on to each relevant customer. The ~~charges or credits~~ apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits

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directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, Western WAPA-SN will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits directly to the customer in the same manner Western WAPA-SN is charged or credited. When not possible, If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner Western is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

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Component 3:

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Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits.~~Any charges or credits from the HBA applied to Western for providing this service directly will be passed through directly to the relevant customer in the same manner Western WAPA-SN is charged or credited to the extent possible. When not possible, If the HBA's costs or credits cannot be passed through to the relevant customer in the same manner Western is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

Billing for BR and FP power will occur monthly using the respective formula rate. Any adjustment made at midyear ~~is applicable~~applies to the entire FY and is billed over the remainder of the FY.

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Adjustment for Losses:

Losses will be accounted for under this rate schedule as stated in the service agreement.

~~Adjustment for~~ Audit Adjustments:

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.

Rate Schedule CPP-~~23~~
(Supersedes Schedule CPP-~~12~~)

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

CENTRAL VALLEY PROJECT

SCHEDULE OF RATES FOR CUSTOM PRODUCT POWER

Effective:

October 1, ~~2011~~2024, through September 30, ~~2019~~2029, or until superseded, whichever occurs earlier. ~~[Note: This rate schedule was extended by Rate Order No. WAPA 185 through September 30, 2024.]~~

Available:

~~Within~~ In the ~~marketing~~ area served by the Western Area Power Administration (~~Western~~WAPA), Sierra Nevada Customer Service Region (~~SN~~).

Applicable:

To ~~WAPA-SN~~ customers that contract ~~with Western~~ for Custom Product Power (CPP). CPP means firm capacity and energy, provided by WAPA, refers to power purchased by WAPA in addition to a customer's Base Resource, to meet its a customer's load.

To ~~WAPA-SN Variable Resources (VR) Customers requesting scheduling for this service.~~ A scheduling charge is applicable to VR customers requesting WAPA-SN to schedule CPP purchases.

~~—To Variable Resources (VR) Customers requesting scheduling for this service. VR Customers will pay a scheduling charge to recover Western's cost for scheduling VR CPP service.~~

Character and Conditions of Service:

Alternating current, 60-hertz, three-phase, delivered and metered at the voltages and points established by contract, in accordance with approved policies and procedures.

Formula Rate:

The formula rate ~~for CPP~~ includes three components:-

Component 1:

~~All charges and credits. The customer will pay all costs incurred in the provision providing of CPP will be passed through to the customer. WAPA-SN will assess a VR scheduling charge per schedule per day to cover the administrative costs. Effective October 1, 2011, Western will charge \$37.91 per schedule per day to cover its administrative costs for procuring and scheduling CPP if the customer has not contracted with Western for this type of service through other agreements CPP.~~

$$\text{Daily Charge Per Schedule} = \frac{\text{Fully Burdened Hourly Rate} \times \text{Minutes Per Schedule}}{60 \text{ Minutes}}$$

If the actual number of schedules for the month is not available, ~~Western~~WAPA-SN will estimate the number of schedules for the month and apply the ~~\$37.91 per schedule VR scheduling~~ charge to the estimated number of schedules.

~~The table below depicts the VR scheduling charge per schedule for the effective rate period.~~

VR Scheduling Charge (Per Schedule) Effective Rate FY 2012 through FY 2016					
FY	2012	2013	2014	2015	2016
VR Scheduling Charge Per Schedule	\$37.91	\$39.04	\$40.21	\$41.42	\$42.66

Component 2:

Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by FERC or other regulatory body will be passed on to each relevant customer. The charges or credits apply to the service to which this rate methodology applies. When possible, WAPA-SN will pass through charges or credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits associated with the creation, termination, or modification to any tariff, contract, or rate schedule accepted or approved by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies will be passed on to each relevant customer. The FERC's or other regulatory bodies' accepted or approved charges or credits apply to the service to which this rate methodology applies. When possible, Western will pass through directly to the relevant customer FERC's or other regulatory bodies' accepted or approved charges or credits in the same manner Western is charged or credited. If FERC's or other regulatory bodies' accepted or approved charges or credits cannot be passed through directly to the relevant customer in the same manner Western is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

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Component 3:

Any charges or credits from the Host Balancing Authority for providing this service will be passed on to each relevant customer. When possible, WAPA-SN will pass through charges and credits directly to the customer in the same manner WAPA-SN is charged or credited. When not possible, the charges or credits will be passed through using Component 1 of the formula rate.

~~Any charges or credits from the Host Balancing Authority (HBA) applied to Western for~~

~~providing this service will be passed through directly to the relevant customer in the same manner Western is charged or credited to the extent possible. If the HBA's costs or credits cannot be passed through to the relevant customer in the same manner Western is charged or credited, the charges or credits will be passed through using Component 1 of the formula rate.~~

Billing:

Billing for CPP and VR scheduling charge occurs monthly ~~using the formula rate.~~

Adjustments for Losses:

All losses incurred for the delivery of CPP under this rate schedule shall be the responsibility of the customer that has contracted for this service.

~~**Adjustment for**~~ **Audit Adjustments:**

Financial audit adjustments that apply to the formula rate under this rate schedule will be evaluated on a case-by-case basis to determine the appropriate treatment for repayment and cash flow management.