

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

**DESERT SOUTHWEST REGION  
Western Area Lower Colorado Balancing Authority**

**ENERGY IMBALANCE MARKET–ENERGY IMBALANCE SERVICE  
(Approved Under Rate Order No. WAPA-208)**

**Effective:**

Beginning on April 5, 2023, and extending through September 30, 2026, or until superseded by another rate schedule, whichever occurs earlier.

**Applicable:**

This rate schedule applies to Energy Imbalance (EI) Service when the Western Area Lower Colorado (WALC) Balancing Authority (BA) participates in the California Independent System Operator's (CAISO) Energy Imbalance Market (EIM) and when the EIM has not been suspended. Rate Schedule DSW-EI4 or its superseding rate schedule would apply when the WALC BA is not participating or when the EIM has been suspended.

The CAISO EIM provides energy to the WALC BA when there is a difference between the scheduled and actual delivery of energy to a load within the WALC BA Area. These differences (energy imbalances) result in financial settlements between the CAISO and the WALC BA. Any financial settlements for energy imbalances associated with the WALC BA's participation in the EIM will be passed through to ensure the WALC BA remains revenue neutral.

**Formula Rate:**

Charges for EI Service shall reflect the pass through of all applicable costs associated with the WALC BA's participation in the EIM that are assessed by the CAISO to the WALC BA. Costs shall be identified by a CAISO charge code and passed through to transmission customers using the settlement methods detailed in Desert Southwest Region's (DSW) EIM business

practice posted on its Open Access Same-time Information System (OASIS) at [www.oasis.oati.com/walc/index.html](http://www.oasis.oati.com/walc/index.html). Revisions to the CAISO’s Tariff may require changes to DSW’s EIM business practice, which would be processed consistent with section 4.3 of WAPA’s Tariff.

**Charge Components:**

Charges for EI Service will typically include one or more of the following items:

<i>Components</i>	<i>Description</i>
Instructed Imbalance Energy	Operational adjustment of transmission customer’s affected interchange or intrachange, including certain changes made to an E-Tag.
Uninstructed Imbalance Energy	Differences between a transmission customer’s metered load and base schedule derived from interchange and intrachange forecast data (E-Tags).
Unaccounted for Energy	Differences between WALC BA generation (generators, non-generator resources, and imports) and demand (from loads and exports) adjusted for transmission losses.
Under/Over-Scheduling Load	The under-scheduling and over-scheduling of transmission that contributes to energy imbalances.
Uplifts or Offsets	Imbalance energy for each settlement interval for each resource within the EIM area and all system resources dispatched in real time.
Bid Cost Recovery	Bid costs for eligible resources (real-time energy) that were scheduled or dispatched by the CAISO for the EIM.
Flexible Ramping	Sufficient ramping capability to meet the forecasted net load and cover upward and downward forecast error uncertainty.