

SCHEDULING, ACCOUNTING, AND BILLING PROCEDURES

BETWEEN

NAME

AND

UNITED STATES
DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION

COLORADO RIVER STORAGE PROJECT MANAGEMENT CENTER

SALT LAKE CITY AREA INTEGRATED PROJECTS

1. **INTRODUCTION:** These Procedures between the Western Area Power Administration (WAPA) and NAME (Contractor) set forth the Scheduling, Accounting, and Billing Procedures (SABP) pursuant to Contract No. XX-SLC-XXXX (Contract).
2. **PURPOSE:** The SABP is intended to implement the terms of the Contract but not to modify or amend it and are, therefore, subordinate to the Contract. The Appendix A attached provides information on the Glen Canyon Allocator.

CONTRACT NO.	TYPE	SABP TERMINATION DATE
XX-SLC-XXXX	Salt Lake City Area Integrated Projects Firm Electric Service	September 30, 2029

3. **REFERENCE:** Salt Lake City Area Integrated Projects Post-1989 General Power Marketing and Allocation Criteria and Call for Applications (51 FR 4844); Power Allocation Procedures and Call for Applications (64 FR 48825); Adjusted Final Allocations (67 FR 49019); Notice of Determination of Post-2004 Marketable Resources (69 FR 29135); Salt Lake City Area Integrated Projects-Rate Order No. WAPA-199 (86 FR 61211); and Salt Lake City Area Integrated Projects and Colorado River Storage Project-Rate Order No. WAPA-206 (88 FR 82880).
4. **TERM:** This SABP shall become effective on August 1, 2024, superseding Contractor's previous SABP, and shall remain in effect until superseded by a revised SABP or upon termination of the Contract.

5. DEFINITIONS:

Allocator:	The Glen Canyon Allocator between the SPP West BA and WALC based on an allocator meter at CRSP's Glen Canyon Resource. WALC will receive delivery of power and energy via the Glen Canyon (Allocator). WAPA will retain functional control of a portion of its transmission system to facilitate hydropower deliveries entirely within the WALC BA.
Available Hydro Power (AHP):	The maximum amount of hydropower capacity and energy that will be made available to the Contractor monthly as determined by WAPA based on prevailing water release conditions and set forth in Attachment to Exhibit A; Provided, however, that AHP shall not be less than the Contractor's Sustainable Hydropower.
Balancing Authority:	Balancing Authority (BA), previously known as the Control Area, is a region of integrated generation and transmission operations controlled by a single operator which is responsible for scheduling interchanges with other BAs and with balancing supply and demand within the BA. The BA may include the service territories of one or more utilities.
Billing Period:	The Billing Period for the CRSP Energy Management and Marketing Office (EMMO) scheduled capacity and energy is a calendar month.
Contingency/Curtailment:	Contingency/Curtailment means the sudden loss of transmission or generation, and/or contingent capacity dedicated at that time to meeting the Contractor's own network load.
Contract Rate of Delivery (CROD):	The maximum level of long-term capacity that the Contractor is entitled to receive in each Winter and Summer Season as set forth in Section 5 and in Exhibit A of the Contract. The CROD is the Contractor's allocated share of the Salt Lake City Area Integrated Projects (SLCA/IP) marketing commitment level established for each Winter and Summer Season through the term of the Contract. CROD is met

first with the Contractor's SHP/ DSA/AHP, and then, if requested, with Customer Displacement Power (CDP) or Western Replacement Power (WRP), or a combination thereof.

Customer Displacement Power (CDP):	The amount of supplemental power acquired or generated by the Contractor on its own behalf which will be used, as required and requested, as part of the Contractor's CROD within a given period.
Deliverable Sales Amount (DSA) ¹ :	The DSA is the amount of hydropower capacity and energy, determined quarterly, based on the forecasted SLCA/IP generation.
EMMO:	WAPA's Energy Management and Marketing Office located in Montrose, Colorado.
EMMO Customer Portal:	EMMO's automated tool which allows the Contractor to enter SHP/DSA/AHP, WRP, interchange and/or loss hourly schedules if applicable. The site allows each Contractor to access, change, and/or view their specific scheduling accounts.
Hourly Schedule:	The Hourly Schedule requested by Contractor in accordance with its Contract. The Contract specifies the minimum hourly energy delivery, as well as the monthly capacity not to be exceeded in any one (1) hour except for rounding (see Section 6 below).
Load:	Contractor's load within the area served under WAPA's Post-1989 General Power Marketing and Allocation Criteria.
On-peak:	Hour Ending (HE) 0800-HE 2300 MPT* Monday through Saturday.
Off-peak:	Monday through Saturday: HE 0100-HE 0700 MST; and HE 2400 MPT*; Sunday and NERC designated holidays: HE 0100-HE 2400 MST.

*Mountain Prevailing Time, which is Daylight Savings or Standard Time, whichever is prevailing in Colorado.

¹ Deliverable Sales Amount was established as part of WAPA Rate Order No. 199/206.

Note: The EMMO reserves the right to change scheduling systems from time to time which may affect the above on and off-peak criteria as well as the time zone required for entry of schedules into the EMMO Customer Portal.

Points of Delivery

Contractor delivery points are listed in the Exhibit A of the Contract. As industry transmission scheduling requirements continue to evolve due to transmission loading constraints, revised transmission limits, and/or changes to path scheduling allocations, it may become necessary to require deliveries of capacity and energy to the specific Exhibit A points of delivery. For those customers with multiple SLCA/IP points of delivery, it may be necessary to make deliveries in relation to percentage of customer loads at each of those delivery points on a pro rata basis. If this change becomes a necessity, coordination with the Contractor will be done prior to implementation.

SLCA/IP Delivery:

Delivery of SLCA/IP firm energy and capacity.

Sustainable Hydro Power (SHP):

The level of long-term operable SLCA/IP hydropower capacity with energy, projected at an established risk level and supplemented by WAPA power purchases as may be required from time-to-time due to hydrological conditions, which level shall be fixed and made available to the Contractor each season through a specified Contract period and is set forth in the Contract and also shown on the Attachment to Exhibit A.

Western Replacement Firming (WRF)²:

The difference between DSA forecasted and Contractor's existing monthly SHP energy and capacity allocations. WRF is offered on a quarterly, pass-through cost basis to firm up to the SHP allocation.

Western Replacement Power (WRP):

The amount of supplemental power requested by the Contractor to be acquired by WAPA on behalf of the Contractor as part of the Contractor's CROD and Monthly Energy within a defined period (as defined below; Seasonal

² Western Replacement Firming was established as part of WAPA Rate Order No. 199/206.

Ahead, Monthly and Day Ahead and Real Time Spot Market WRPs) and paid for by the Contractor on a pass-through-cost basis.

Seasonal
Ahead WRP:

The amount of supplemental power requested by the Contractor for an upcoming season to be acquired by WAPA on behalf of the Contractor and paid for by the Contractor on a pass-through-cost basis.

Monthly and Day
Ahead WRP:

The amount of supplemental power requested by the Contractor for the upcoming month or WECC pre-schedule day to be acquired by WAPA on behalf of the Contractor as part of the Contractor's CROD and Monthly Energy and paid for by the Contractor on a pass-through-cost basis.

Real Time Spot
Market WRP:

The amount of supplemental power requested by the Contractor at least 2 hours prior to the scheduled start of the energy to be acquired by WAPA on behalf of the Contractor as part of the Contractor's CROD and Monthly Energy and paid for by the Contractor on a pass-through-cost basis.

6. SCHEDULING PROCEDURES:

- 6.1 Contractor shall provide individual Hourly Schedules for all on-peak and off-peak SLCA/IP Deliveries (SHP/ DSA/AHP, WRP, and CDP). SHP/ DSA/AHP and WRP schedules shall be provided by Contractor through the Customer Portal. CDP schedules shall be provided by Contractor by E-tag. Contractors who elect WRF shall schedule their SHP amounts. Daily pre-schedules will be subject to the concurrence of the EMMO office, and the EMMO reserves the right to adjust Hourly Schedules to comply with the Contract and this SABP. Schedules submitted to WAPA must meet all applicable Western Electric Coordinating Council (WECC) scheduling guidelines and policies.
- 6.2 The Hourly Schedules will be shown in whole megawatts (MW) to accommodate standard industry practices. The total scheduled MW (SHP/ DSA/AHP, WRP, and CDP) will not exceed the maximum CROD or fall short of the minimum hourly delivery by more than 1 MW. For those hours in which additional kilowatts (kW) above the MW schedule exist, the Contractor may accumulate this capacity in the same month, hour to hour, until such time it equals 1 MW; block scheduling of this additional capacity will occur in occasional hours and cannot be scheduled in consecutive hour blocks. A zero (0) MW schedule is allowed in some hours for customers with allocations that are insufficient to meet the hourly minimum schedule due to the Contractor's allocation. Hourly schedules in excess of the

CROD, unless adjusted for rounding per this Section 6.2, will be charged as an overschedule of capacity pursuant to Section 8.2.2 below. Further, the total energy delivered for the month shall not exceed the monthly energy obligation.

- 6.3 Schedules: Contractor (or Contractor's scheduling agent) will provide the EMMO an Hourly Schedule of SHP/ DSA/AHP and WRP capacity and energy using the EMMO Customer Portal (hourly CDP schedules will be provided to the EMMO using the current tagging system) in accordance with the Contract and the following procedures:
- 6.3.1 Sustainable Hydro Power (SHP)/Deliverable Sales Amount (DSA)/Available Hydro Power (AHP). Contractor will provide Hourly Schedules for SHP/ DSA/AHP by 5:00 p.m. MPT two (2) business days prior to the requested day of delivery by entering hourly scheduling information in the EMMO Customer Portal or other program as designated by the EMMO. Up to 5 calendar days of advance schedules may be required for holidays and weekends. Contractor may use the WECC Pre-Schedule Calendar as a guide in determining when day ahead schedules are due; however, SHP/ DSA/AHP schedules are due into the EMMO Customer Portal one day earlier than the WECC Pre-Scheduler Calendar specifies. If Contractor does not provide schedules prior to the deadline, WAPA will provide only the SHP/ DSA/AHP firm energy schedules at the Contract-specific minimum hourly delivery. WAPA assumes no responsibility for any additional billing from the Contractor's alternate supplier(s) or transmission provider(s) that result from scheduling by WAPA.
- 6.3.1.1 If WAPA requires reductions to SHP/ DSA/AHP energy schedules due to a contingency/curtailment, energy schedules will be revised pro rata by multiplying each customer's SHP/ DSA/AHP energy schedule by the ratio of SHP/ DSA/AHP energy available to the total of all customers' SHP/ DSA/AHP energy requests.
- 6.3.1.2 WAPA is responsible for deliveries of firm SLCA/IP obligations to the Contractor's Point(s) of Delivery. WAPA is responsible for losses on deliveries of SHP/ DSA/AHP energy to the Contractor's Point(s) of Delivery. Contractor is responsible for losses on deliveries of WRP and CDP and will be billed accordingly.
- 6.3.1.3 Schedule Changes: Contractor may change its hourly schedules after the schedules have been submitted in accordance with this Section 6.3 subject to the following condition: for an unplanned outage, WAPA will make every effort to accommodate changes to the scheduled SHP/DSA/AHP firm energy service, as well as any WRP or CDP requests, by allowing Contractor to adjust schedules, within scheduling guidelines, later in the current month, if possible.

- 6.3.2 Seasonal, Monthly, and Day Ahead WRP: Using the EMMO Customer Portal, Contractor will provide the EMMO an Hourly Schedule of WRP capacity and energy in accordance with the procedure set forth in Section 6.3 above and the following:
- 6.3.2.1 Cost of providing WRP shall not be included in the energy and capacity rates under the SLCA/IP Firm Power Rate Schedule.
 - 6.3.2.2 For Seasonal WRP requests, please submit in writing (MTPreschedule@wapa.gov) before the 20th day of the month prior to the start of the Season.
 - 6.3.2.3 For Monthly WRP requests, the Contractor must provide a signed Attachment to Exhibit A for the requested months no later than the 20th day of the preceding month.
 - 6.3.2.4 For Day Ahead WRP, the Contractor must provide a request no later than 5:00 PM MPT, (e.g., 2 to 5 days ahead) as set forth in the WECC Pre-Schedule Calendar.
 - 6.3.2.5 If the Contractor decides to rescind its request for Monthly WRP, it must do so in writing (MTPreschedule@wapa.gov) before the 20th day of the preceding month.
 - 6.3.2.6 The Contractor will be charged the applicable Seasonal, Monthly, or Daily WRP price for the energy on a pass-through-cost basis. The Contractor will be charged the actual cost for any Seasonal WRP that has been pre-purchased by the EMMO.
 - 6.3.2.7 Losses for the delivery of WRP energy will be charged at the applicable Seasonal, Monthly, or Daily WRP rate.
- 6.3.3 Quarterly WRF Requests: For Quarterly WRF requests, the Contractor must provide the WRF request for the entire quarter no later than the 20th day of the month before the quarter begins.
- 6.3.4 Real-Time Spot Market WRP:
- 6.3.4.1 The Contractor shall contact the EMMO real-time desk (970-240-3002) to request Real-Time Spot Market WRP not later than 2 hours before the beginning of the energy schedule.
 - 6.3.4.2 Due to the minimum amount of time available for acquiring energy, creating tags and notifying applicable BAs, the real-time merchant will not consult further with the Contractor after the initial phone call. The E-tag will be confirmation of the transaction. If the real-time merchant was unable to find the requested energy, the Contractor will be notified as soon as

possible. Real-Time Spot Market WRP is provided on a first-come, first-served basis.

6.3.4.3 The Contractor will be charged the spot market price for the energy on a pass-through-cost basis, as determined by the EMMO.

6.3.4.4 Losses for the delivery of WRP will be charged at the average rate of all spot market purchases for that month.

6.3.4.5 The Contractor will be notified as soon as possible if there is insufficient transmission available to accommodate the Real-Time Spot Market WRP request.

6.3.5 CDP Schedules:

6.3.5.1 CDP may only be accepted in time periods offered for Monthly/Seasonal WRP. Pursuant to the Contract, Reserved Firm Capacity (RFC) in the CRSP transmission system will be maintained by WAPA to deliver the Contractor's CROD, to meet other firm transmission and firm exchange commitments, and to serve loads solely dependent upon transmission service on WAPA's system. The Contractor's SHP/ DSA/AHP, WRP, and CDP, where CDP has been accepted by WAPA, will be treated as firm deliveries up to the Contractor's CROD.

6.3.5.2 The request for CDP must be submitted on the Attachment to Exhibit A by the 20th day of the month before the quarter starts and include the source and point of receipt of the power, the amount of power to be provided, the initial month of delivery, the commitment length, the location of the 24-hour dispatch agent, and any pre-scheduling requirements and restrictions. The Contractor may request a change or modification to the source(s) or conditions of CDP at any time prior to or during a quarter.

6.3.5.3 The Contractor is responsible for all energy losses associated with its CDP schedules.

6.4 Contingency/ Curtailments: Pursuant to the Contract and the *Continuity of Service, Adjustments for Curtailments to Firm Service, and Uncontrollable Forces* provisions of the General Power Contract Provisions (GPCP) made a part thereof, WAPA will coordinate with Contractor to mitigate the impacts of any planned or emergency outages to the extent allowed by operational conditions. WAPA will make reasonable efforts to mitigate the impact of curtailments by redirecting the schedule to alternate transmission paths if available and as soon as practicable. WAPA does not guarantee that all schedules will be redirected during abnormal system conditions.

7. ACCOUNTING PROCEDURES:

- 7.1 The Billing Period for capacity and energy use shall be the calendar month. The monthly check outs will be shown in whole megawatt-hours (MWh) and MW in accordance with standard industry practices.
- 7.2 Inadvertent deliveries, which are greater or less than scheduled deliveries, shall be corrected in later deliveries during the month, if possible. Any inadvertent deliveries of SHP/ DSA/AHP that are not corrected in the scheduling month will not carry forward to any future month. Billing adjustments, as set forth below in Section 8, will be made to reflect any overscheduled or under scheduled amounts.
- 7.3 Contractor is responsible for losses associated with delivery of all Federal power beyond the Federal Point(s) of Delivery shown in the Exhibit A.
- 7.4 Power Factor Accounting and Compliance Procedures: WAPA will measure and monitor Contractor's power factor to determine whether it is complying with the power factor provisions of the Contract and the applicable Rate Schedule.

8. BILLING PROCEDURES:

- 8.1 Firm Capacity: The number of kW billed as firm capacity in any Billing Period shall be the seasonal Contract Rate of Delivery (CROD). The CROD shall be billed monthly according to applicable rate schedules. Overscheduling of capacity, which the EMMO deems to be beyond an inadvertent delivery, will be billed at a rate calculated from the hourly energy market purchase price as determined by the EMMO.
- 8.2 Firm Energy: SHP/ DSA/AHP energy shall be billed monthly. The number of kilowatt-hours (kWh) billed shall be the energy entitlement listed in the Attachment to Exhibit A. Minimal differences between scheduled amounts and the amounts listed on the Attachment to Exhibit A due to rounding of schedules to whole MW are expected. No billing adjustments for these variances will occur, and the SHP/ DSA/AHP energy shall be billed at the amount(s) shown on the Attachment to Exhibit A.
- 8.2.1 If Contractor under schedules its SHP/DSA/AHP energy, Contractor will be billed for the quantity of energy actually scheduled according to applicable rates.
- 8.2.2 If Contractor overschedules its SHP/ DSA/AHP energy, beyond minimal adjustments for rounding, Contractor will be billed for the overscheduled amount at the average energy purchase price for that month as determined by the EMMO plus the WRP Administrative Charge.
- 8.3 WRP/CDP Administrative Charge: Operation of the WRP/CDP program will necessitate an incremental administrative charge for those services. CDP will be charged per Aref and also incur a tag adjustment fee for each tag used. If the Contractor chooses to participate in the WRP and/or CDP programs, it will be

billed for its share of the estimated costs WAPA incurs. WRP Advancement of Funds: For Seasonal and Monthly WRP, the Contractor will be billed in advance an amount equal to the next month's estimated cost of the WRP to be purchased by WAPA on behalf of the Contractor. If WAPA's cost is greater than the amount advance billed, the Contractor will be billed the difference in the next billing cycle. If WAPA's cost is less than the amount advance billed, the difference will be reflected as a credit in the next billing cycle.

WESTERN AREA POWER ADMINISTRATION

By: _____
Brent Osiek

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NAME

By: _____

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Appendix to SABP
Glen Canyon Allocator Scheduling and Delivery Provisions

1. CRSP hydropower deliveries associated with the Contractor, delivered to WAPA's WALC Balancing Authority, will be served by CRSP via a Glen Canyon Allocator.
2. The Glen Canyon Allocator between CRSP and WALC will be based on an allocator meter at CRSP's Glen Canyon Resource and *will not* utilize SPP transmission service.
3. The Glen Canyon resource subject to the Allocator will use a WAPA firm transmission reservation equal to the Contractor's maximum seasonal CROD.
4. Glen Canyon Allocator energy will be scheduled in accordance with CRSP's Scheduling, Accounting, and Billing Procedures.
5. CRSP will provide WALC with generation contingency reserves associated with Glen Canyon Allocator energy, delivered via CRCM transmission from Glen Canyon to Pinnacle Peak.
6. WRP and CDP on the portion of transmission not under Southwest Power Pool's (SPP) functional control can be scheduled the same as today, using the procedures in the SABPs.
7. Regulation service is not provided by FES contracts.
8. Scheduling flexibility is limited to what the generators can produce in that hour and within ramping restrictions.
9. This portion of transmission over which WAPA will retain functional control will not incur SPP market charges during normal operations.
 - a. During an outage event on the Glen Canyon-Flagstaff-Pinnacle Peak line facilities, the transmission associated with the Allocator will be reduced pro-rata based on the available transfer capability of the Glen Canyon-Flagstaff-Pinnacle Peak line.
10. If customers request the Glen Canyon Allocator and associated transmission be moved back into SPP RTO, WAPA may initiate the change, which includes a 45-day notice to SPP, but FSE may not be available.