NOTE:
Italicized areas within this draft MSI identify where additional or revised language is needed pending the finalization of the BCP Electric Service Contract.

CONTRACT NO. XX-DSR-XXXXX

METERING AND SCHEDULING INSTRUCTIONS

BETWEEN

THE UNITED STATES
DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION
Desert Southwest Customer Service Region
Boulder Canyon Project

AND

CONTRACTOR NAME

CONTRACT NO. XX-DSR-XXXXX

METERING AND SCHEDULING INSTRUCTIONS

BETWEEN

THE UNITED STATES
DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION
Desert Southwest Customer Service Region
Boulder Canyon Project

AND

CONTRACTOR NAME

Section	Table of Contents	Page No.

METERING AND SCHEDULING INSTRUCTIONS

BETWEEN

THE UNITED STATES
DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION
Desert Southwest Customer Service Region Office
Boulder Canyon Project

AND

CONTRACTOR NAME

1. **PARTIES**: The Parties to these Metering and Scheduling Instructions (MSI) are Western Area Power Administration (Western) and Contractor Name (Contractor) or their authorized representative, each sometimes individually called Party and collectively called Parties.

2. **PURPOSE**: This MSI is written to implement the metering, scheduling, and accounting contractual requirement in accordance with paragraph 6.11.2 of Contractor's Boulder Canyon Project (BCP) Contract No. XX-DSR-XXXXX (Contract), as well as Implementation Agreement No. 95-PAO-10616, as amended (Implementation Agreement), associated with the BCP. If there are any conflicts between the terms of the BCP Contract and the terms of this MSI, the terms of the BCP Contract shall prevail. If there is any conflict between the terms of the Implementation Agreement and the terms of this MSI, the terms of the Implementation Agreement shall prevail.

3. ***TERM**: This MSI will become effective on the first day of the month following execution by both Parties and will remain in effect until superseded by revised instructions or termination of the BCP Contract and Implementation Agreement listed in Section 2 herein.*

4. **REVISION**: The Parties intend that this MSI shall be reviewed periodically, and revised as necessary by agreement of the Parties, or as determined by Western.

5. **POINTS OF DELIVERY**: Western provides capacity and energy to the Contractor through the Contractor's authorized Scheduling Entity at the Mead 230-kV Bus point of delivery listed in Exhibit D to the BCP Contract.

6. **DEFINITIONS**: Terms, when initially capitalized and used herein and in the Attachments, hereto, whether in singular or plural, shall have the meaning specified below or in Section 5 (Definitions), of the BCP Contract.

7. **GENERATION SCHEDULING**:

7.1 Schedules associated with capacity and energy deliveries will be established and confirmed on Mountain Standard Time (MST) in advance as outlined in these metering and scheduling instructions.

7.1.1 Scheduling Agent: For purposes of this MSI, Scheduling Agent has the same meaning as Scheduling Entity, as defined in the BCP Contract. The Scheduling Agent is identified in Attachment No. 1, herein designated to implement schedules and accounts with Western on behalf of Contractor. Each Party shall provide their scheduling point(s) of contact and other information for this MSI as indicated on Attachment Nos. 1 and 2, attached hereto. Pursuant to paragraph 6.10.5 of the BCP Contract, each Party agrees to advise the other Party, with sixty (60) days advance written notification, of any modifications to a Party's contact information. A revised Attachment Nos. 1 and 2 will be provided as notification.

7.1.2 The Scheduling Agent will schedule and Western will deliver Contractor's Schedule A, Schedule B, and Schedule D, Contingent Capacity and associated Firm Energy; and will schedule and deliver Excess Energy in accordance with the BCP Contract and Attachments Nos. 3 and 4.

7.1.3 Reductions in Contingent Capacity shall be borne pro rata among Schedule A, Schedule B, and Schedule D Contingent Capacity and each Contractor's reduction in Contingent Capacity shall be based upon the Contractor's allocation percentages in Exhibit A of the BCP Contract.

7.1.4 Scheduling practices will comply with current North American Electric Standards Board, (NAESB), North American Electric Reliability Corporation (NERC), Western Electricity Coordinating Council (WECC), and applicable Federal Energy Regulatory Commission (FERC), or successor(s) requirements. Contractor shall have the option to schedule statically in accordance with Attachment No. 5, herein or to schedule dynamically in accordance with Attachment No. 6, herein. All scheduling shall follow the e-Tagging requirements in accordance with Attachment No. 7, herein.

7.1.5 The Contractor may request a change in schedule type (static or dynamic). Any changes will be in effect for a specified fixed period. Preference for schedule type will be made by submitting a written request to Western to evaluate implementation of the change in schedule type.

7.2 Master Schedule: Western will use MST as the timing basis for the determination of the monthly breakdown of estimated BCP energy and capacity allocation as shown in the annual Master Schedule and any revisions. As stated in paragraph 6.7.1 of the BCP Contract, the Master Schedule shall be a sixteen (16) month period, beginning June 1 of any year and extending through September 30 of the next year. An example of a Master Schedule showing Schedule A, Schedule B, Schedule D Contingent Capacity and Firm Energy, and Schedule C Excess Energy are shown in Attachment No. 8.

a. *Energy Allocations (Target Schedule) – While the Master Schedule forecasts the estimated power available by months, the Target schedule has a more narrow focus. The Target Schedule is the energy allocation which can be scheduled by the Scheduling Agent for the current or next period, monthly or sub-monthly. The Target Schedule is comprised of the following components:*

i. Available Energy – The amounts of energy available to the Contractors for each Fiscal Year and Billing Period in accordance with Section 6 and Exhibit E of the BCP Contract.

ii. Transformer Losses – Transformer losses represent the losses due to unit transformers at Hoover. The current value is .9355%.

iii. Adjustment – Adjustment represents the energy deviations from previous month's accounting as calculated in the monthly energy accounting process. These adjustments are intended to minimize over and under deliveries of energy during the Fiscal Year.

iv. Interchange – Interchange represents the Resource Integration Exchange programs values either between Contractors or between Western resources. The monthly net value between Contractors will be zero.

v. Returning Energy for Use of Motoring Energy and Unloaded Synchronized Generation: – Motoring Losses (M_L), megawatt hours used for operation of generating units in a motoring mode for all Contractors that schedule Unloaded Synchronized Generation during the Billing Period, and, Unloaded Synchronized Generation (S_L) the difference between scheduled Synchronized Generation and Loaded Synchronized Generation. The Contractors

allocation of M_L and S_L will be reconciled by a reduction during On-Peak Hours in the Contractor's Target Schedule in the following Billing Period, or as soon thereafter as practicable, or by returning such energy from sources available to the Contractor other than the Hoover Powerplant during On-Peak Hours in the following Billing Period or as soon thereafter as practicable. The amount of the reduction during On-Peak Hours in the Contractors monthly Target schedule shall be the Contractors proportional share of the energy used to support Unloaded Synchronized Generation for the benefit of all Contractors, and shall be determined in accordance with Exhibit F of the BCP Contract.

vi. Miscellaneous Energy – Miscellaneous energy may be used for a return or delivery of energy associated with a Contractor's energy usage, past month's power accounting, or the reconciliation of the deviations from the prior fiscal year. A notation describing the application will be communicated to the Scheduling Agent upon issuance of the Target Schedule.

vii. Firming Energy –Supplemental energy purchased by Western at the request of a Contractor to meet any deficiency in Firm Energy. At the request of the Contractor and at the Contractor's expense, Western shall purchase energy to meet that Contractor's Firm Energy deficiency. Such firming arrangements are to be evidenced by prior written agreement between the Parties that provides for the Contractor to advance fund firming purchases.

b. Notification of Target Schedule – The Scheduling Agent shall be notified of its original monthly and sub-monthly period Target Schedule no later than one (1) week before the beginning of such period unless a shorter notification period is deemed necessary to meet urgent water conditions. Routine changes in Target Schedules shall be electronically communicated to Scheduling Agent on a pre-scheduling basis. The modification of the Target Schedule and the implementation or removal of energy restrictions due to special circumstances shall be communicated via voice or electronic means.

c. Monthly Energy Target Excursions – The Scheduling Agent or Contractor, when in need of a monthly energy target excursion of more than +/- two (2) percent of target but within +/- five (5) percent of the target, must request approval from the Western Scheduling Point of Contact (POC). The Western Scheduling POC will communicate to the Scheduling Agent approval or disapproval of the excursion requested based on power and hydro system conditions at the time of request and record the request. Contractor will forfeit energy for under-runs on unapproved excursions beyond the two (2) percent monthly window and five (5) percent Western approved window. Over-runs in excess of two (2) percent that are not pre-approved or any over-run in excess of five (5) percent shall be assessed a penalty pursuant to Attachment No. 5 of the Contract.

d. Period Energy Target Requirement – The Scheduling Agent or Contractor is required to schedule within +/- two (2) percent of the first period target of each month. For all subsequent period targets, the Scheduling Agent or Contractor is required to schedule within +/- five (5) percent of the applicable period target. Deviations outside of the applicable percentage requirements will be calculated for each period target and are subject to forfeiture of energy and or penalties pursuant to Attachment No. 5.

8. **METERING**: Deliveries of capacity and energy are based upon scheduled quantities, therefore no meters are necessary for billing and accounting purposes. While metering is not used for Contractor's energy and capacity values, metering is used for unit generation and motoring values.

9. **POWER ACCOUNTING**:

9.1 Deviation Accounting: Deviation accounting will be maintained between Contractor and Western to accommodate energy accounting adjustments. Monthly deviations are applied as adjustments in the Target Schedule two months after occurrence. Any accumulated deviation remaining at the end of the Fiscal Year will be determined in the Annual BCP Fiscal Year Energy Reconciliation Report. Example provided in Attachment No. 9.

Deviation accounts may include:

a. Delivery Concurrence – Agreed to under/over deliveries from Boulder Canyon Project energy.

b. Losses – Transmission or transformer losses, net M_L and net S_L.

c. Other Deviation – Any additional deviation accounting will be mutually agreed upon.

9.2 BCP Capacity and Energy Delivery Verification: The delivery data to be exchanged between Western and Scheduling Agent during and following each month in Mountain Standard Time (MST) is as follows:

a. Daily Schedule Checkout– For Contractors who schedule dynamically, Western will verify the hourly scheduled totals equal Western's totals of hourly integrated energy delivered. Any required adjustments will be requested by Western to the Scheduling Agent. *Sub-period targets need to be addressed.*

b. Weekly Schedule Checkouts – Western will provide to the Scheduling Agent on a weekly basis the total energy and capacity used by Contractor cumulative for the month to date. *Sub-period targets need to be addressed.*

c. Previous Month Data – Western will provide to the Scheduling Agent, by the first working day of each month, the following data for the previous month:

i. Actual hourly energy delivered for the entire month.
ii. Hourly capacity for the entire month.
iii. Sub-period targets need to be addressed.

d. Concurrence of Monthly Energy Schedules – The Scheduling Agent and Western will concur the amount of energy and capacity scheduled by the fifth business day. *Monthly sub-period targets need to be addressed.*

9.3 Annual Accounting: The Energy Reconciliation for each Fiscal Year will account for the Accumulated Deviation for each Contractor on an annual basis. This accounting confirms that each MWh of energy generated at BCP for each month in the year, is allocated to the Contractors.

a. Monthly Accumulated Deviation – The components and calculation for the Monthly Accumulated Deviation will be printed on each Contractor's BCP Reconciliation sheet.

b. End Notes – Billing discrepancies or special adjustments will be listed, as needed, in the Annual BCP Energy Reconciliation document.

c. Distribution – Within six (6) weeks after the end of the Fiscal Year, a draft Energy Reconciliation Report will be distributed by Western to the Contractors. The Contractors shall make every effort to review and provide comments to Western's draft Report no later than four (4) weeks of receipt. Western shall address, resolve comments, and issue the final Report within four (4) weeks after the Contractors' comment period.

The Parties have caused these Metering and Scheduling Instructions to be executed in accordance with Contract No. XX-DSR-XXXXX, by their respective duly authorized representatives as of this _____ day of _____, 20XX.

U.S. DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION

By _____
Signatory Name
Title Vice President of Operations for Colorado River Storage Project Management Center, Desert Southwest Region and Rocky Mountain Region

Address Desert Southwest Region

P.O. Box 6457

Phoenix, AZ 85005-6457

(SEAL)

CONTRACTOR NAME

Attest:

By _____

Title _____

By _____
Signatory Name
Title _____

Address _____

Attachment No. 1 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

CONTRACTOR'S SCHEDULING AGENT AND POINT OF CONTACTS

Contractor agrees to designate and provide contact information, identified herein, of its Scheduling Agent for scheduling Contractor's BCP Contract capacity and energy. Modifications to Contractor's Scheduling Agent contact information shall provide notification to the other Party, in accordance with paragraph 6.1.1, herein by submitting a revised Attachment No. 1.

Contractor's Balancing Authority for Energy Deliveries

Contractor's Scheduling Agent
Company Name:
Attn:
Mailing Address:

Pre-Scheduling Contact Information
Name:
Position:
Phone:
Fax:
E-mail:

Real Time Scheduling Desk Contact
Primary Phone:
Alternate Phone:
Fax:
E-mail:

Settlements Contact Information
Name:
Position:
Phone:
E-mail:

Attachment No. 2 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

WESTERN'S POINT OF CONTACTS

Western agrees to designate and provide scheduling Point of Contact (POC) information, identified herein, for scheduling the Contractor's BCP Contract capacity and energy. Modifications to Western's scheduling POC information shall be immediately communicated to the other Party by a revised Attachment No. 2.

Western's Scheduling POC

Company Name:	Western Area Power Administration
Attn:	G0200 DSW Energy Management and Marketing Office
Mailing Address:	P.O. Box 6457 Phoenix, AZ 85005-6457
Street Address:	615 South 43rd Avenue Phoenix, AZ 85009
Scheduling Desk:	(602) 605-2712
Real Time Marketer Desk:	(602) 605-2666
Scheduling Fax:	(602) 605-2831
Target Excursion Requests:	(602) 605-2xxx (also include email?)

WALC Dispatch POC

Name:	J4900 Operations Reliability & Balancing Authority
Real Time Desk:	(602) 605-2512

Western's Settlements POC

Name:	G6300 Settlements Staff
Phone:	(602) 605-2947
E-Mail:	walcpostschedule@wapa.gov

Attachment No. 3 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

SCHEDULE C - EXCESS ENERGY

Accounting Process Summary

1. After receiving the latest Reclamation Hoover forecast energy availability above 4,527.001 MWh for the fiscal year, compute amount of total estimated excess energy, amount over 4,501.001 MWh, using the monthly energy estimates.

2. Verify the priority of excess energy based on what is listed in the BCP Contract.

3. Analyze the projected excess energy over remaining months in the Fiscal Year.

   A) An equal division of estimated excess energy is added to the Boulder Canyon Project recipient's monthly Target Schedule, with adjustments for transformer losses.

   B) The excess energy in the Target Schedule, once provided by Western to the BCP Contractors prior to each month, will not be adjusted during the month of delivery unless a water emergency is declared by Reclamation or severe Colorado River regulating conditions persist.

   C) Projected excess energy will be adjusted for actual deliveries and for changes in the available monthly Hoover energy. The adjustment in excess energy occurs in the Target Schedule provided by Western prior to the month of delivery.

4. At the end of the operating year, the actual value for excess energy can be computed. The values of Schedule A, Schedule B, Schedule D and excess energy are given to Western's Rates department in order to complete their rate calculations.

5. Deviations in Schedule A, Schedule B, Schedule D and excess energy are calculated in the energy reconciliation process and returned or delivered the following Fiscal Year. A proposed schedule for return or delivery of deviation will be sent to each Contractor with the draft Energy Reconciliation Report. Western requests that the Contractor respond stating their comments on the proposed schedule. These comments will be used to determine the schedule for returns or deliveries of deviation during the following Fiscal Year.

Attachment No. 4 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

ENERGY AND CAPACITY CALCULATIONS

1. **HOURLY MINIMUM RATE OF DELIVERY OF ENERGY:** Minimum water release requirements are in accordance to paragraph 6.8.3 of the BCP Contract.

(1) Twenty-five (25) percent of Contractor's Total Firm Energy for Billing Period to be delivered during specified Hours

or

(2) Contractor's Proportional share of total Firm Energy and Excess Energy for the Billing Period	X	Overall minimum rate of delivery of energy for required minimum water releases	

FIRMING ENERGY PURCHASES
Purchase of Firming Energy under minimum delivery conditions

Contractor's hourly minimum rate of delivery or energy purchased	=	Contractor's proportional share of total energy purchased	×	Minimum rate of delivery of all such purchased energy by BCP Contractors

2. **CONTRACTOR'S AVAILABLE ENERGY**: The Contractor's Available Energy pursuant to the BCP Contract shall be determined by the following formula:

2.1 CAE = (P x B) + C + D

Where (values deemed to be in thousands of kWh),

CAE = Contractor's Available Energy for the respective period.

P = Contractor's percentage of total Schedule A, Schedule B, and Schedule D Firm Energy.

B = Projected Hoover Generation for the applicable period, losses and, projected integration.

C = Excess Energy for the respective period available to the Contractor pursuant to Schedule C.

D = Contractor's requested firming purchase pursuant to paragraph 6.8.4.

2.2. Contractor's Available Energy will then be rounded to the nearest whole megawatt hour for scheduling purposes.

3. **CONTRACTOR'S AVAILABLE CAPACITY**:

3.1. The Contractor's portion of Available Capacity pursuant to the Contract shall be determined by the following formula:

CAC = (P x B)

Where (Values deemed to be kW),

CAC = Contractor's Available Capacity for the respective period

P = Contractor's percentage of total Schedule A, Schedule B, and Schedule D Contingent Capacity

B = Available Capacity

3.2. Contractor's portion of Available Capacity will then be rounded to the nearest whole megawatt for scheduling purposes.

Attachment No. 5 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

STATIC SCHEDULING

1. The Scheduling Agent will pre-schedule anticipated energy on a daily and hourly basis as follows:

    a. Electronic-Tagging (e-Tag) – Contractor will submit normal type e-Tags for its static schedule and adhere to NAESB, NERC, WECC, and FERC Interchange Standards and Requirements for normal type interchange schedules. Specific Western e-Tag requirements are provided in Attachment No. 3.

    b. *Subhourly Energy and Capacity Schedules as they pertain to normal type e-tags needs to be addressed. In addition, the method of communicating capacity allocations needs to be determined*

Attachment No. 6 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

DYNAMIC SCHEDULING

1. Electronic-Tagging (e-Tag) – Contractor will submit e-Tags for its dynamic schedule and adhere to NAESB, NERC,WECC, and FERC Interchange Standards and Requirements for Dynamic Interchange Schedules. *Need to establish minimum requirements.*

2. Capacity: Contractor will pre-schedule required on-line capacity with Western on a daily and hourly basis as follows:

    a. Daily – Contractor will communicate the pre-schedule hourly on-line capacity to Western's Scheduling POC by 1400 hours MST on the business day prior to execution, unless a later time is agreed to by Western and Contractor. *The method of communicating the pre-schedule is to be determined.*

    By 2300 hours MST each day, Contractor's Real Time Scheduling Desk will confirm the next day's hourly capacity schedule with the Western Area Lower Colorado (WALC) Dispatch Point of Contact (POC).

    b. Hourly Scheduled Capacity – Changes to capacity schedules will be communicated to the WALC Dispatch POC. *The method of communicating hourly scheduled capacity changes needs to be determined.*

    c. Hourly Unscheduled Capacity – Scheduling Agent may increase its capacity schedule and request up to its full Available Capacity outside of the hourly requirement of Section 7.4.b. *The frequency of hourly unscheduled capacity requests needs to be determined.* Western and the Bureau of Reclamation (Reclamation), at their determination, will make their best effort to supply Contractor's full capacity request within ten (10) minutes of the request. Western or Reclamation shall not be liable for costs incurred by Contractor if the capacity cannot be supplied or ramped to full load within the ten (10) minute period. Western may alter the number of unscheduled capacity changes per month allowed under this Section by written notice to Contractor.

    d. Western will make its best effort to supply energy associated with Unscheduled Capacity, but is not responsible to meet the ten (10) minute or Supplemental Reserve requirements as may be defined in a reserve sharing group or by WECC or NERC.

e. Emergency Capacity Request – Following a declared emergency, Contractor is entitled to increase the capacity schedule with the WALC Dispatch POC by voice communication, up to the Parties' contract capacity limits and to the extent capacity is available, for up to twelve (12) consecutive hours.

f. Western will make its best effort to supply energy associated with Emergency Capacity, but is not responsible to meet the ten (10) minute or Supplemental Reserve requirements as may be defined in a reserve sharing group or by WECC.

4. Energy: Contractor will pre-schedule anticipated energy on a daily and hourly basis as follows:

a. Dynamic Schedules (Real Time) – Contractor shall transmit an electronic signal of its Dynamic Schedule request to Western, within pre-scheduled on-line capacity limits, once each Automatic Generation Control (AGC) cycle. Western will receive Contractor's Dynamic Schedule request and will reply with Western's electronic signal indicating that Contractor's schedule is accepted and confirmed. When either Party is unable to transmit or receive an electronic signal with the other Party, the Parties will voice request changes in hourly Hoover Powerplant generation.

b. Dynamic Schedules (Integrated) – The hourly integral of Western's dynamic energy schedule signal, as provided by Western, is the Dynamic Schedule representing Contractor's BCP energy delivery. The energy profile of the Dynamic Schedule e-Tag must be updated with this energy integration in accordance with Western Electricity Coordinating Council (WECC), North American Electric Reliability Council (NERC), Federal Energy Regulatory Committee (FERC) and North American Energy Standards Board (NAESB) Dynamic Schedule e-Tagging Requirements. Specific e-Tag Requirements are provided in Attachment No. 3.

c The daily sum of the integrated energy Dynamic Schedules will be used by Western to assure that BCP energy deliveries conform to monthly Available Energy.

d. Deviation Use of BCP Dynamic Schedule – The integrated Dynamic Schedule amounts will be the basis to establish energy deviation between Contractor and Western in Section 8.

e. *Inefficiency – Motoring Losses (M_L) and Unloaded Synchronized Generation Losses (S_L) as defined in Exhibit F of the BCP Contract will accumulate hourly each month. The total inefficiency accumulated monthly shall be assessed monthly and returned by energy target reduction, with a billing of the applicable Lower Colorado River Basin Development Fund rate or returned by static schedule to Western two (2) months after occurrence during the On-Peak period. The type of loss payment, financial or in-kind energy, will be in effect for a minimum six (6) month fixed period. The two (2) fixed six-month periods are from April 1st through September 30th and from October 1st through March 31st. Preference for loss payment type will be made no later than thirty (30) days prior to the commencement of the next fixed payment period. This election must be made via e-mail to walcpostschedule@wapa.gov. Energy Inefficiency return schedules must be identified as M_L or S_L. Energy Inefficiency schedules must be returned during WECC/NERC recognized On-Peak hours and confirmed on MST.*

5. Regulation, Ramping, and Reserves (3R's):

a. Regulation and Ramping – Western will provide Regulation and Ramping to Contractor as Contractor schedules the energy dynamically. Western is not responsible for immediate full load response, such as from partial to full load increases without consideration for ramping in the requested energy component. The Contractor and Western will coordinate to establish acceptable ramp rates.

b. Reserves – The instantaneous difference between on-line scheduled capacity and dynamic energy schedules shall constitute Reserves provided for Contractor.

d. 3R's Inefficiencies – Unloaded synchronized generation used to support Contractor's 3R's will be assessed in the monthly accounting of M_L and S_L. Accumulations will be returned through reduced energy entitlement or by static schedule to Western in accordance with Section 4, herein.

Attachment No. 7 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

E-TAG SCHEDULE REQUIREMENTS

1. The Scheduling Agent will submit requests for interchange (e-Tags) for its schedules and adhere to NAESB, NERC, WECC, and FERC Interchange Standards and Requirements for Interchange Schedules. Per e-Tag specifications, all e-Tags will have whole Megawatt values and contain the following:

    a. DSWM01 shall be the first Purchasing Selling Entity (PSE) listed in the Market Path.
    b. WALC shall be the Source Balancing Authority (BA) with DSWM01 as the source PSE, and Hoover Powerplant as the Generating Source in the Physical Path.
    c. The first Physical Segment (1) shall have the Point of Receipt (POR) and Point of Delivery (POD) as MEAD230 with DSWM01 as the PSE and WALC as the Transmission Provider.
    d. The Scheduling Agent shall be the second PSE listed in the Physical Path with MEAD230 as the POR on the second Physical Segment (2).

2. All e-Tags submitted shall comply with NAESB Timing Requirements. Due to Western not having adequate time to perform a reliability assessment, all late requested e-Tags will not be approved.

3. If an Emergency type e-Tag is submitted and the Sink BA approves the e-Tag, Western will approve the schedule as the Source BA.

4. Sufficient firm transmission shall be required to schedule from MEAD230 to the Sink/Load. In addition, Dynamic and Sub-hourly Normal type e-Tags must have sufficient firm transmission to transfer the maximum instantaneous generation for any hour.

Attachment No. 8 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

EXAMPLE MASTER SCHEDULE

EXAMPLE FISCAL YEAR E

Pending insertion of example annual energy reconciliation report.

Attachment No. 9 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

Attachment No. 9 to
Metering and Scheduling Instructions
Contract No. XX-DSR-XXXXX
Contractor Name

ENERGY RECONCILIATION