

Western Area Power Administration
Request for Proposal
Purchase of Firm Energy and Capacity for the NNSA
April 10, 2025

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1. Introduction

1.1 Purpose

The Western Area Power Administration (WAPA), a federal power marketing agency of the U.S. Department of Energy (DOE), through the Colorado River Storage Project (CRSP) Region is soliciting proposals on behalf of DOE's National Nuclear Security Administration (NNSA) for up to 55 MW of Western States Power Pool (WSPP) Schedule C Firm Capacity and Energy from electric energy supplier(s) (Supplier). The proposed contract is for the full Calendar Years (CY) of 2026, 2027, and 2028.

1.2 Background

The NNSA oversees the power procurement for its facilities within Sandia National Laboratory (SNL) facilities, both collocated at Department of Defense (DOD) Kirtland Air Force Base (KAFB) near the southern boundary of the City of Albuquerque, New Mexico. Both facilities are served through the Public Service Company of New Mexico (PNM) transmission system and Balancing Authority. The NNSA, and the DOD for the U.S. Air Force, jointly secure power supply for SNL and KAFB (SNL/KAFB) through power purchase agreements (PPAs), referred to in this Request for Proposal (RFP) as either PPA or Contract. WAPA and NNSA have an Interagency Agreement which enables WAPA to secure contracts for supplemental electric supplies, beyond federal hydropower allocations, from third parties for meeting the needs of SNL/KAFB. Under these agreements, SNL/KAFB is obligated to provide WAPA the necessary funds to pay for the electric supply service provided by WAPA.

1.3 RFP Administrator

The duties of the RFP Administrator for the NNSA's SNL/KAFB power procurement RFP will be performed by WAPA's CRSP Region in close collaboration with NNSA.

The WAPA CRSP Contracts and Energy Services Team and Energy Management and Marketing Office (EMMO) have been working with SNL/KAFB since 1989. CRSP and NNSA personnel have extensive experience working together and procuring electric energy for the federal sites.

2. RFP Logistics

2.1 Schedule for RFP

RFP Release Date	Friday, April 11, 2025
Proposals Due	Friday, May 9, 2025
Preliminary Evaluation and Tentative Selection	Friday, May 23, 2025
Evaluation Completed	Friday, June 6, 2025
Finalist Notified and Negotiations Proceed	Friday June 13, 2025
Contract Award	Friday July 11, 2025
PPA Start Date	Thursday, January 1, 2026

The above schedule is tentative and may change due to technical considerations and negotiation timelines. WAPA reserves the right to extend or postpone it any time.

2.2 Response Information and Due Date

Responses are due on or before Friday, May 9, 2025, by close of business (5:00 p.m. MDT), approximately 30 days after the RFP is released to market vendors. Send response via e-mail to: CRSP-Energy@wapa.gov, with the title “WAPA-NNSA 2026 RFP Response - *Name of Organization*”. If email is unavailable, mail paper responses to: Western Area Power Administration, Colorado River Storage Project, Energy Management and Marketing Office, 1800 South Rio Grande Avenue, Montrose, CO 81401.

2.3 Questions and Additional Information

For questions and additional information, please contact Mr. Christopher Simon by email at CRSP-Energy@wapa.gov or csimon@wapa.gov. Pre-submission questions must be submitted via email and will be answered in a Question-and-Answer (Q/A) response document on our website. WAPA may respond to questions with confidential information via email or generalize them before posting them to the Q/A response. There will also be a few questions from the previous RFP, released in 2023, that may help answer questions.

To obtain a copy of the RFP documents and to view the Q/A response document, visit CRSP’s Power Marketing website at:
<https://www.wapa.gov/regions/CRSP/PowerMarketing/Pages/power-marketing.aspx>.

2.4 RFP Instructions

Read Section 3 on Proposal Description for specifics. Responders are then expected to fill in the tables and text boxes in Section 8 on Respondent Information and Proposal.

3. Proposal Description

3.1 Supply Requirements

Below are the supply requirements that WAPA and the NNSA are requesting. Note: each year has different schedules and MWh totals.

3.1.1 Service Schedule

WAPA will accept only firm energy and capacity energy resources from the following Rate Service Schedule from the WSPP Agreement:
https://www.wspp.org/pages/documents/09_11_23_current_effective_agreement.pdf

Service Schedule C: Firm Capacity/Energy Sale or Exchange Service can be viewed in the WSPP Agreement starting on page 120.

3.1.2 Supply Blocks and Timing

The following supply blocks define “on-peak” hours (5x16) as Hour Ending (“HE”) 0700 through 2200. The overnight hours (7x8) are defined as HE 2300, 2400, and 0100-0600. The times will follow Mountain Prevailing Time (MPT).

A. CY 2026

- i. 35 MW (7x24) Around the Clock (ATC).
- ii. Plus 10 MW (7x24) ATC in the summer months (June, July, and August).
- iii. Plus 5 MW weekdays on-peak (5x16), excluding NERC holidays, for the entire year.
- iv. Plus, an additional 5 MW weekdays on-peak (5x16), excluding NERC holidays, from January 1, 2026, to September 30, 2026.
 - Total MWh: 364,520

B. CY 2027

- i. 30 MW ATC.
- ii. Plus 5 MW weekdays on-peak (5x16), excluding NERC holidays, for the entire year.
- iii. Plus 5 MW Overnight (7x8) for the entire year.
- iv. Plus, an additional 5 MW weekdays on-peak (5x16), excluding NERC holidays, between June 1, 2027, to September 30, 2027.
 - Total MWh: 304,760

C. CY 2028

- i. 25 MW ATC.
- ii. Plus 10 MW weekdays on-peak (5x16), excluding NERC holidays, for the entire year.
- iii. Plus 10 MW Overnight (7x8) for the entire year.
- iv. Plus, an additional 5 MW weekdays on-peak (5x16), excluding NERC holidays, between June to September (specifically June 1, 2028, to September 29, 2028).
- v. Plus 5 MW for weekends on-peak (2x16) and NERC holidays (1x16) between May to December (specifically May 6, 2028, and December 31, 2028).
 - Total MWh: 302,480 with the Leap Year

All blocks for each calendar year (A - C), totaling 971,760 MWh, will be awarded to a single Supplier.

It is emphasized that the Schedule C firm capacity/energy purchases in the blocks listed above are critical to the national defense operations located at SNL/KAFB.

3.1.3 Start Date and Term Length

The start date for this PPA proposal must begin at midnight, January 1, 2026. The intended Contract length is for 3 calendar years and will end at 11:59 p.m., December 31, 2028.

3.1.4 Scheduling

The Supplier shall be responsible for all scheduling, NERC electronic tagging, and dispatching services to the below Network Point(s) of Interconnection. All balancing requirements related to the delivery at WAPA's Load Metering Points will be the responsibility of the Merchant Desk.

Merchant Desk services for scheduling and balancing the SNL/KAFB supply and load requirements on a real-time basis will be provided by the Los Alamos Power Pool (LAPP). The LAPP is a joint operation of the NNSA Los Alamos Field Office, Los Alamos National Laboratory (LANL), and the Los Alamos County Department of Public Utilities (LAC) and has provided Merchant Desk and Scheduling Agent Services for SNL/KAFB since January 1, 2009, and will continue to do so until 2053, or further. WAPA will ensure that real-time information on loads and resources of SNL/KAFB will continue to be electronically communicated to the LAPP dispatch center for purposes of scheduling, balancing, real-time purchases, and real-time excess power marketing.

The Supplier shall coordinate with WAPA and/or LAPP for scheduling, NERC electronic tagging, and dispatching supplies from the Network Point of Interconnection to WAPA's Load Metering Points.

3.1.5 Network Point(s) of Interconnection

The Network Points of Interconnection (Delivery), where power may be delivered into PNM's transmission system, are **Four Corners (FC) 345 kV, San Juan (SJ) 345 kV, or Ojo 345 kV**, as defined in WAPA and PNM's Network Integration Transmission System Agreement (NITSA) and the Network Operating Agreement's (NOA) "Network Point(s) of Interconnection".

Capacity and energy will be delivered by PNM to the WAPA and LAC Load Metering Points as defined in the NOAs ("WAPA and LAC Load Metering Points"), which are located at SNL/KAFB and LAC/LANL. If power is to be delivered to the interconnections with PNM at any point(s) other than FC 345 kV, SJ 345 kV, or Ojo 345 kV, then the award of the Contract as a result of this RFP is subject to the Available Transmission Capability (ATC) on the PNM system for delivery of power from the new point to the WAPA Load Metering Points and LAC Delivery Points.

3.1.6 Transmission

The Supplier shall be responsible for all costs (tariffs, congestion charges, etc.) and transmission losses incurred for delivery of Firm Power to the Network Point of Interconnection.

WAPA shall be responsible for all transmission, ancillary service costs, and congestion charges as per the Transmission Provider's (PNM) Open Access Transmission Tariff (OATT) from the Network Point of Interconnection to WAPA's Load Metering Points. WAPA shall retain all, if any, Firm Transmission Rights (FTR), Auction Revenue Rights (ARR) and/or Congestion Revenue Requirements (CRR) allocated to WAPA on PNM's system.

3.1.7 Contract Pricing

It is preferred that all proposed prices be stated in a single, fixed rate expressed in \$/MWh (e.g. \$40.15/MWh) for the Contract period. WAPA may consider separate rates for Capacity and Energy. A load factor of 100 percent for the applicable delivery period will be used in evaluating proposed Capacity and Energy rates.

The pricing shall include the following services:

- Costs of generating WSPP Service Schedule C Firm Capacity and Firm Energy.
- All transmission and Ancillary Services costs, including congestion costs and losses, to the Network Point(s) of Interconnection.
- All other costs associated with the delivery of Firm Capacity and Firm Energy to the Network Point(s) of Interconnection.

The Supplier shall be responsible for all present lawful taxes applicable to the wholesale sales of services, delivery, capacity, and energy to the Network Point(s) of Interconnection. The Contract prices will be revised to reflect future changes, if any, in taxes which are related solely to the generated energy and actually paid by the Supplier. The tax charges shall not include any taxes related to payroll, property, revenue, and/or income related taxes.

3.1.8 Supplier Financial Rating

Supplier's financial condition and creditworthiness shall be an important selection criterion. A Supplier shall be required to demonstrate adequate financial and physical resources to provide capacity and energy to WAPA to meet SNL/KAFB requirements during the term of the Contract. Credit ratings from S&P, Moody's, or other credit agencies will be required in Section 8.1.

3.2 PPA Payments

Although WAPA will be the contracting party, SNL/KAFB will be responsible for payments as the result of an awarded Contract. WAPA will make payments from the fund sources provided by SNL/KAFB which are committed to WAPA through its agreements with NNSA. WAPA will be responsible for administering the PPA entered as a result of this RFP.

4. Evaluation of Proposals

4.1 Evaluation Criteria

Evaluation of all proposals will be performed in two steps. Step 1 will include evaluation of Supplier's experience and financial condition, location of supply source(s), reliability and firmness of supply source(s) and adequacy of transmission paths. Further evaluation of the Supplier's proposal will not be made if the Supplier does not pass the Step 1 evaluation. Those passing Step 1 will be evaluated further.

To qualify in Step 1, the Supplier must demonstrate its ability to supply its proposed quantities of Capacity and Energy in its proposal for the proposed term and that it has, or will be able to obtain, a firm transmission service contract for delivering Capacity and Energy to the Network Point(s) of Interconnection or has made other arrangements pursuant to Section 3.1.5. The Supplier, or the entity guaranteeing the transactions proposed in the Supplier's proposal, must have an investment grade credit rating by an authorized rating agency.

Step 2 will include the evaluation of the firmness of product supplied, duration of the proposed supply period, and pricing. Based on the Step 2 evaluation and proposed indicative pricing included in the proposal, the Suppliers will be short-listed for price refreshing and further evaluation. Further information about the timing of price refreshing will be given in June near the end of evaluations.

In view of the volatile and ever-changing power market, the evaluation process will involve WAPA's judgment in selecting a proposal, which at the time of the selection process, WAPA, in its sole discretion, determines to be most beneficial to the government.

4.2 Negotiations

WAPA may, after receiving a proposal, request a meeting or conference call to discuss a Supplier's proposal. The purpose of these discussions is to provide WAPA with clarity and a full understanding of the details of a proposal for evaluation purposes. Further negotiations will be for discussing and finalizing a PPA.

5. Contract Award and Power Purchase Agreement

WAPA and the prospective Supplier that is selected for a successful proposal will enter a Contract or Contracts for the purchase of electric energy (a PPA). All terms and conditions

of the WSPP Agreement, that are not in conflict with terms and conditions of the Contract shall apply to the sale.

The Supplier shall clearly explain each proposed option with all the conditions and exceptions. The Supplier should indicate its major concerns and desired changes with the proposed Contract. The Contract(s) will be finalized based on negotiations with the successful Supplier.

6. Confidentiality

WAPA and NNSA personnel will review RFP proposals in accordance with their duties and obligations as federal employees. All federal and non-federal personnel participating in reviewing RFP proposals will first execute a Non-Disclosure Agreement (NDA).

7. Reservation of Rights

This RFP is an invitation to submit proposals to WAPA on behalf of NNSA; it does not constitute a commitment to purchase and creates no obligation to sign any PPA or to enter into a transaction under a Contract. WAPA reserves the right to request information from a Supplier at any time during the RFP process. WAPA reserves the right to reject any proposal at any time for any reason. WAPA reserves the right to either suspend or terminate this RFP at any time for any reason or no reason. WAPA reserves the right to award contracts to one or more Suppliers, and if fair and reasonable proposals are not obtained, WAPA may elect to not award any Contract under this RFP.

WAPA, with input from NNSA, may at any time choose to (a) formulate and implement new or additional criteria for the evaluation and selection of proposals; (b) negotiate with any Supplier; or (c) modify this RFP as it deems appropriate to implement the RFP and to comply with applicable law or other direction provided by the CRSP EMMO office.

WAPA is not liable to any Supplier or other third party for any actions it takes in connection with the RFP, including withdrawing, suspending, or terminating this RFP or rejecting any Proposal. Suppliers should not expect to obtain any exclusive rights by submitting proposals.

8. Respondent Information and Proposal

Please fill in the below tables and text boxes concisely and accurately.

8.1 Firm Information

Legal Name of Organization	
Website:	
Mailing Address:	
Year Established:	
Form of Organization:	
State of Incorporation:	
Corporate Headquarters:	

U.S. Headquarters:	
Project Office Location:	
Total U.S. Deployed MWac:	
Total U.S. Contracted MWac:	
Annual Revenue Range:	
Number of U.S. Employees	
List RTO/ISO Experience:	
Firm Credit Rating: (e.g. AAA, AA, A, BBB, BB, B, C, D)	
Authorized Rating Agency confirming above Firm Credit Rating	

8.2 Contact Information

Primary Contact Name:	
Primary Contact Title:	
Primary Contact Phone:	
Primary Contact Email:	
Primary Contact Address:	
Secondary Contact Name:	
Secondary Contact Title:	
Secondary Contact Phone:	
Secondary Contact Email:	
Secondary Contact Address:	

8.3 Proposal Information

Bid Price (\$/MWh) - Single Price, No Escalation	
Interconnection Point(s) of Delivery. Provide an alternative other than FC, SJ, or Ojo 345 kV, if applicable.	

8.4 Firm Qualification Narrative

In the text box below, briefly describe any relevant experience that qualifies your firm as to why it can supply the NNSA with the requested electric power supply.

Narrative:

8.5 Supply Source(s) Type(s) and Location(s)

In the text box below, please describe the location of the supply source(s), technology type(s), and the location(s) of the source(s).

Narrative:

8.6 Transmission Path

In the text box below, please describe the transmission pathway(s) from the supply source(s) location(s) from Section 8.5 to the Network Point of Interconnection.

Narrative:

8.7 Proposal Approach

In the text box below, briefly describe the approach that your firm will take to transmit the requested electric power supply to the NNSA's SNL/KAFB.

Narrative:

8.8 Questions and Concerns

In the text box below, please describe any concerns or questions that your firm has for supplying electric energy and capacity to the NNSA.

Narrative: