



American Electric Power Service Corporation
as agent for
Appalachian Power Company

Request for Proposals
Power Purchase Agreements (PPAs)

from Qualified Bidders

Totaling up to 300 MW of nameplate rated
Solar Energy Resources (5 MWac minimum)
and / or
Wind Energy Resources (50 MW minimum)

RFP Issued: May 13, 2024

Proposals Due: July 30, 2024

Web Address: <https://www.appalachianpower.com/rfp>

Table of Contents

| | Page |
|---|------|
| 1) Background..... | 1 |
| 2) Introduction | 1 |
| 3) RFP Overview | 2 |
| 4) Product Description and Requirements | 3 |
| 5) Bid Price and Structure..... | 5 |
| 6) RFP Schedule | 6 |
| 7) Proposal Submission | 6 |
| 8) Proposal Content | 7 |
| 9) Proposal Evaluation..... | 9 |
| 10) Reservation of Rights | 12 |
| 11) Confidentiality..... | 13 |
| 12) Bidder’s Responsibilities..... | 13 |
| 13) Contacts | 13 |

Attachments

| | |
|---|------------|
| Proposal Content Check Sheet..... | Appendix A |
| Project Summary..... | Appendix B |
| Proposal Bid Pricing | Appendix C |
| Bidder’s Credit-Related Information and Bidder’s Profile..... | Appendix D |
| Form Power Purchase Agreement | Appendix E |
| Financing Plan | Appendix F |
| Production Profile | Appendix G |
| Local Goods & Services / Small & Diverse Suppliers / Environmental Justice | Appendix H |

1. Background

- 1.1. Appalachian Power Company (APCo, Appalachian Power, or Company) is pursuing additional renewable resources via three Requests for Proposals (RFPs), as described in Table 1 below.

TABLE 1

| RFP | Solicitation Details |
|------------|--|
| PSA | Wind, solar and/or co-located or standalone battery energy storage systems RFP for up to 800 MW via one or more purchase and sale agreements (PSAs) for purchase of 100% equity interest in a project company will be issued simultaneously. |
| PPA | Wind and solar RFP for up to 300 MW of energy, capacity, and environmental attributes (including renewable energy certificates) via one or more power purchase agreements (PPA). |
| REC | RFP for renewable energy certificates (RECs) that qualify under Virginia’s RPS will be issued simultaneously. |

This RFP is associated with the PPA RFP only.

2. Introduction

- 2.1. American Electric Power Service Corporation (AEPSC) and Appalachian Power Company are subsidiaries of American Electric Power Company, Inc. (AEP). AEPSC is administering this RFP on behalf of APCo. Affiliates of AEP and APCo (Affiliate) are not permitted to participate in this RFP.

Appalachian Power serves about 1 million customers in West Virginia, Virginia and Tennessee. APCo’s headquarters is in Charleston, W.Va., with additional regulatory and external affairs offices in Roanoke and Richmond, Va.

Based in Columbus, Ohio, AEP is powering a cleaner, brighter energy future for its customers and communities. The company’s nearly 17,000 employees operate and maintain more than 40,000 miles of transmission lines, the nation’s largest electric transmission system, and more than 225,000 miles of distribution lines to deliver power to 5.6 million customers in 11 states. AEP also is one of the nation’s largest electricity producers with approximately 29,000 megawatts of diverse generating capacity, including nearly 6,000 megawatts of renewable energy. The company is investing \$43 billion over the next five years to make the electric grid cleaner and more reliable. AEP is on track to reach an 80% reduction in carbon dioxide emissions from 2005 levels by 2030 and have a goal to achieve net zero by 2045.

AEP is recognized consistently for its focus on sustainability, community engagement, and diversity, equity and inclusion. AEP’s family of companies includes utilities AEP Ohio, AEP Texas, Appalachian Power (in Virginia and West Virginia), AEP Appalachian Power (in Tennessee), Indiana Michigan Power, Kentucky Power, Public

Service Company of Oklahoma, and Southwestern Electric Power Company (in Arkansas, Louisiana, east Texas and the Texas Panhandle). AEP also owns AEP Energy, which provides innovative competitive energy solutions nationwide. For more information, visit aep.com.

APCo Service Territory



3. RFP Overview

- 3.1. APCo has issued this RFP to support its requirement to provide its customers with carbon-free generation, consistent with the requirements of the Virginia Clean Economy Act (VCEA) for a Phase I utility. APCo is required to meet annual targets that reach 100% by 2050. APCo intends to meet its obligations through a portfolio of projects utilizing different ownership models. This RFP is for Power Purchase Agreements (PPAs) with facilities meeting the definition of a Renewable Portfolio Standard (RPS) eligible source contained in Section 56-585.5.A of the Virginia Code (Eligible Renewable Resources) that are physically located in the PJM Interconnection, LLC Region (e.g., interconnected to the PJM Transmission system) or interconnected to APCo's distribution electrical system (APCo System).
- 3.2. APCo is requesting Proposals of up to 300 MW of nameplate rated Solar and/or Wind Energy Resources (Solar Project, Wind Project, Project). Depending on the results of the RFP, the Company may pursue additional resources beyond 300 MW. The minimum nameplate rated bid size for this RFP is 5 MWac for Solar Projects and 50 MW for Wind Projects.
- 3.3. This RFP seeks PPAs for purchase of Renewable Energy Products (Energy, Capacity, and Environmental Attributes (including Renewable Energy Certificates)) from the Solar and/or Wind Energy Resources. APCo will not consider proposals in this RFP that do not meet these criteria. Proposals for PSA and REC only products should be

submitted separately into the Company's PSA and REC RFPs (see Section 1).

- 3.4. Affiliates of AEP and APCo may not participate in this RFP.
- 3.5. APCo may execute one or more Solar and/or Wind Project PPAs as a result of this RFP.
- 3.6. Any Project(s) with which APCo moves forward as a result of this RFP will be subject to APCo's receipt of the necessary regulatory approvals, including but not limited to, a prudence determination from the Virginia State Corporation Commission consistent with §56.585.1:4.H of the Code of Virginia and Commission precedent.
- 3.7. All questions regarding this RFP should be emailed to: APCo2024RFP@aep.com

APCo will post a list of the non-confidential "Questions and Answers" on its RFP website <https://www.appalachianpower.com/rfp> on a weekly basis following the issuance of the RFP until the Proposal Due Date.

- 3.8. This RFP is not a commitment by the Company to acquire any Project and it does not bind the Company or its Affiliates in any manner. The Company in its sole discretion will determine which Bidders, if any, it wishes to engage in negotiations with that may lead to PPAs with one or more selected Projects.

4. Product Description and Requirements

- 4.1. Product: The Company is seeking to purchase the Renewable Energy Products from a low-cost Project to deliver energy into PJM (PJM Interconnection L.L.C.) or the APCo System via a PPA. Renewable Energy Products shall include:
 - 4.1.1. Energy
 - 4.1.2. Capacity
 - 4.1.3. Environmental Attributes (including RECs)
 - 4.1.4. Ancillary Services (if available)
- 4.2. Expected Commercial Operation Date (COD): The Company is pursuing Projects that can achieve an Expected COD by 12/31/2028.
- 4.3. Term: The Term of the PPA shall be 20-years or 30-years. In addition to a 20-year or 30-year Term, Bidder may offer alternate Term proposals.
- 4.4. Option to Purchase: Proposals may include an option for APCo to purchase the Project at fair market value at the end of the PPA Term.
- 4.5. Delivery Period: The Delivery Period shall commence by January 1, 2029, and continue for the length of the Term.
- 4.6. Size: This PPA RFP is seeking up to 300 MWac nameplate rated Solar and/or Wind generation resources. The minimum acceptable Project size is 5 MWac for Solar Projects and 50 MWac for Wind Projects.

- 4.7. Location: Projects must be physically located in the PJM Interconnection, LLC Region (e.g., interconnected to the PJM Transmission system) or interconnected to the APCo System. The interconnection point with the PJM transmission system or the APCo System will be the Point of Delivery.
- 4.8. Local Goods & Services: APCo encourages the use of local goods or services sourced, in whole or in part, from one or more Virginia or West Virginia businesses in the construction and/or operation of the Project. The bidder should identify these Virginia or West Virginia resources in its proposal.
- 4.9. Environmental Justice: The project shall not adversely impact any goal established by the Virginia Environmental Justice Act (Va. Code §§ 2.2-234, et. seq.).
- 4.10. Project Development:
- 4.10.1. Bidder must have established substantial site control of the proposed Project. Site control must be in the form of direct ownership, land lease, land lease option or easement. A letter of intent will not be an acceptable form of demonstrated site control.
 - 4.10.2. Construction Labor: APCo prefers that Bidders use union labor with an affiliation to the Building and Construction Trade Unions for the site preparation and construction of the Project. Proposals for non-union labor will be accepted.
 - 4.10.3. Bidder shall use reasonable efforts to utilize and adopt a subcontracting plan to use small and diverse suppliers as subcontractors for work.
- 4.11. Interconnection:
- 4.11.1. Projects must be interconnected to PJM and have a completed PJM System Impact Study. A copy of the study must be included with the Bidder's Proposal.
OR
 - 4.11.2. Projects must be interconnected to the APCo System and must have a completed Distribution Impact Study from the APCo Distribution Planning Group prior to the Proposal Due Date. In addition, the application for the Distribution Impact Study shall have a utility date and time- stamp no later than April 1, 2024, as detailed in Virginia's Administrative Code Section 20VAC5-314-50-A. More information can be found via the following link:
[Chapter 314 - Regulations Governing Interconnection of Small Electrical Generators and Storage](#)
 - 4.11.3. If Bidder is pursuing interconnection to the APCo System only, Bidder must provide documentation that it is not required by the PJM Rules to interconnect with PJM due to backfeed into PJM or as otherwise required by PJM.
 - 4.11.4. Bidders are responsible for following the established policies and procedures that are in effect regarding facility interconnection and operation with the interconnecting utility and PJM.
 - 4.11.5. The Bidder is responsible for all costs associated with transmission

interconnections and system upgrades as required by the interconnecting utility and PJM.

5. Bid Price and Structure

- 5.1. The Bid Price must be for a bundled Renewable Energy Product as described in Section 4.1.
- 5.2. The Bid Price shall be on an “as-available” per MWh basis with no separate capacity payment.
- 5.3. All-in Price. Pricing must include all capital costs, fixed and variable O&M costs, taxes and any other costs associated with delivering the full contracted energy output of the facility to the bid-specified Point of Delivery.
- 5.4. Bid Price must be an “all-in” around-the-clock Price (\$/MWh) for the entire term of the agreement commencing by January 1, 2029.
- 5.5. The Bid Price must be a fixed, non-escalated price for the term of the PPA.
- 5.6. Proposals must include a Bid Price for a 20-year or 30-year Term. Additionally, Bidders may include proposals with alternate Terms.
- 5.7. Proposals may include an option for the Company to purchase the Project at fair market value at the end of the Term.
- 5.8. The Company will pay for Renewable Energy Products prior to the Delivery Period (Section 4.5) at the Real-Time Locational Marginal Price (\$/MWh) at the Point of Delivery less any associated PJM charges.
- 5.9. All costs associated with distribution and/or transmission interconnection (as applicable) and interconnection facilities required for the Project, including any system upgrades, as required by PJM up to the Point of Delivery, shall be included in the Bidder’s pricing where appropriate under current FERC orders and rulings.
- 5.10. The Bid Price shall include any costs associated with meeting the credit requirements stated in the Form PPA Agreement.
- 5.11. Associated Attributes - For purposes of this solicitation, the sale of Renewable Energy Products to APCo under the long term PPA includes the transfer of all capacity, ancillary services (if any), and environmental attributes including associated renewable energy certificates (RECs) and any other current or future environmental attributes, including any greenhouse gas emission reductions associated with the quantity contracted from the facility from the project for the term of the PPA.
- 5.12. Prices must be firm, representing best and final bid. Proposals and bid pricing must be

valid for at least 150 days after the Proposal Due Date.

6. RFP Schedule

The schedule and deadlines set out in this section apply to this RFP. APCo reserves the right to revise this schedule at any time and at its sole discretion.

| | |
|--|---|
| RFP Issued | 05/13/24 |
| Proposal Due Date | 07/30/24 (3 p.m. EST) |
| Final Project Selection | 10/11/24 |
| Contract Execution | By 04/25/25 |
| Submit Petition to State Regulatory Commissions for Approval | Within 90 Days of Contract Execution |
| Receipt of Regulatory Approval Order(s) | ~4 to 7 Months After Submission to Commissions for Approval |
| Notice to Proceed (NTP) | By 01/09/26 |
| Commercial Operation | By 12/31/28 |

7. Proposal Submission

7.1. Bidders will be required to sign a Confidentiality Agreement (CA) prior to receiving detailed instructions on how to access the following documents and submit Proposals:

- Form PPA (Appendix E)
- EnergyInputSheet_2024.xls (Appendix G)

7.2. Bidder should request APCo's Form CA by emailing (APCo2024RFP@aep.com) and including the following documentation:

- Supporting documentation of Bidder's experience in developing, engineering, procuring equipment, construction, and commissioning similar wind or solar powered electric generation facilities in the United States or Canada of a size comparable to that of the Bidder's Project and/or otherwise have demonstrated appropriate experience.
- Verification of Site Control as required by Section 4.10.1.
- Completed PJM System Impact Study as required by Section 4.11.1 or has an existing APCo distribution interconnection application (submitted no later than April 1, 2024) with the APCo Distribution Planning Group as required by Section 4.11.2.

7.3. Proposals must be complete in all material respects and shall be submitted electronically no later than 3 p.m. EST on the Proposal Due Date via a Box site. Detailed instructions on how to submit Proposals will be provided upon signing a CA.

7.4. The Company reserves the right to solicit additional proposals, if it deems necessary to do so, and the right to submit additional information requests to Bidders during the Proposal evaluation process.

- 7.5. Proposals and bid pricing must be valid for at least 150 days after the Proposal Due Date at which time Proposals shall expire unless the Bidder has been notified that its Proposal has been included in the Final Project Selection.
- 7.6. A Proposal should be as comprehensive as possible to enable the Company to make a definitive and final evaluation of the Proposal's benefits to its customers without further contact with the Bidder.

8. Proposal Content

Bidders are encouraged to provide as much information as possible to aid in the evaluation of the Proposal. The Bidder should also provide any additional information the Bidder deems necessary or useful to the Company in making a definitive and final evaluation of the benefits of the Bidder's proposal without further interaction between the Company and the Bidder.

Bidders must submit the following information for each Proposal. All electronic versions of the Appendices shall be uploaded to the designated folders in the Box site.

- 8.1. A completed Proposal Content Check Sheet (Appendix A).
- 8.2. An executive summary of the Project's characteristics and timeline, including any unique aspects and benefits.
- 8.3. A completed Project Summary (Appendix B) for Solar and/or Wind Projects, including the electronic Project Summary Form (link to form in the Box site), with the following attachments:
 - PTC/ITC Strategy: Summary of how the Project will qualify for Federal Tax Credits (i.e., Production Tax Credits (PTC) or Investment Tax Credits (ITC)).
 - Interconnection Studies: Include a copy of all completed interconnection studies (i.e., System Impact Study, Distribution Impact Study, Facilities Study, etc.)
 - Site Layout: Include a diagram or map identifying the Project boundary with anticipated placement of major equipment and other project facilities, including transmission layouts and point of interconnection.
 - Site Control Documents: Include a copy of all leases, easements or other ownership documentation including to the point of interconnection (Section 4.10.1).
 - Permit Matrix: Attach a comprehensive permit matrix and status of all required permits, including, but not limited to, Federal (USFWS, FAA), State, County, City, etc.
 - Environmental Report Summary: Attach a summary of all environmental studies, reports and agency meetings associated with the Project.
 - Bidder's Experience: Bidder must provide documentation showing they (i) have substantial experience in operating and maintaining similar wind or solar (as

applicable) powered electric generation facilities in the United States or Canada within the jurisdiction of NERC of a size comparable to that of the Bidder's Project, and (ii) meet all applicable requirements under applicable law for operating and maintaining the wind or solar (as applicable) farms, including the requirements of an RTO / ISO. A Person will be deemed to have such substantial experience if it is a Person that has at least five (5) years of experience in operating and maintaining similar wind or solar powered electric generation facilities in the United States or Canada within the jurisdiction of NERC of a size comparable to that of the Bidder's Project.

- 8.4. A completed Proposal Bid Pricing (Appendix C).
- 8.5. A completed Bidder's Credit-Related Information and Bidder Profile (Appendix D), which shall include:
 - The identity of all persons and entities that have a direct or indirect ownership interest in the Project.
 - Copies of the Annual Reports for the three most recent fiscal years and quarterly reports for the most recent quarter ended, if available.
 - At least three third-party references.
- 8.6. Provide (i) an affirmative statement that Bidder's taking no exception to the Form of Power Purchase Agreement provided pursuant to this RFP or (ii) a comprehensive list of exceptions to the terms and conditions contained in the applicable Form PPA (Appendix E).
- 8.7. Bidder shall submit a Financing Plan on a separate form. Bidders must provide a proposed financing plan, including any letters of support, previous correspondence with banks and/or lenders intending to provide financing for the project. Also provide the proposed on-going debt-equity ratio to be carried by the project during construction and operation (Appendix F).
- 8.8. A completed Production Profile (Appendix G).
- 8.9. A completed Appendix H, which must include:
 - Use of Local Goods & Services: Plan for use of local goods or services sourced, in whole or in part, from one or more Virginia or West Virginia businesses in the construction and/or operation of the Project. The bidder should identify these Virginia or West Virginia resources in its Proposal. (Section 4.8)
 - Use of Small and Diverse Suppliers: Plan to use reasonable efforts to utilize and adopt a subcontracting plan to use small and diverse suppliers as subcontractors for work (Section 4.10.3)
 - Environmental Justice: A description of environmental justice factors by the Environmental Justice Act (Virginia Code §§ 2.2-234, et. seq.) that are relevant

to the Project. If an Environmental Justice or Fenceline community is potentially affected by the Project, list the steps taken by the Project regarding the Commonwealth of Virginia's environmental justice policy.

9. Proposal Evaluation

Proposals must include all applicable content requirements as described in Section 8. APCo will consider bids that are reliable, feasible and represent the reasonable cost means of satisfying the requirements of this RFP. The Evaluation Process, which includes three main phases, is central to the success of APCo's RFP process.

Section 9.1: Eligibility and Threshold Requirements

Section 9.2: Detailed Analysis

Section 9.3: Final Project Selection

9.1. Eligibility and Threshold Requirements: A preliminary screening of each Proposal will be undertaken by the Company to determine if the Proposal is eligible to proceed to the Detailed Analysis phase. Bidders and their associated Proposals must satisfy the following Eligibility and Threshold Requirements:

- 9.1.1. Proposal must be for a Power Purchase Agreement and include the Renewable Energy Products from a solar or wind energy resource (Section 4.1).
- 9.1.2. Projects must have an expected COD by 12/31/2028 (Section 4.2).
- 9.1.3. Solar Projects must have a minimum nameplate rating of 5 MWac and Wind Projects must have a minimum nameplate rating of 50 MW (Section 4.6).
- 9.1.4. Projects must be physically located in the PJM Region (e.g., interconnected to the PJM Transmission system) or interconnected to the APCo System. (Section 4.7).
- 9.1.5. Bidder must have established substantial Site Control (Section 4.10.1).
- 9.1.6. Bidder must have 1) a completed PJM System Impact Study (Section 4.11.1) which remains active in the PJM queue, or 2) a completed APCo Distribution Impact Study prior to the Proposal Due Date and the application for the Distribution Impact Study had been submitted no later than April 1, 2024 (Section 4.11.2).
- 9.1.7. Bidder must provide a Bid Price (non-escalated) (\$/MWh) (Section 5.5).
- 9.1.8. Bidder must provide a Bid Price for a 20-year or 30-year Term (Section 5.6).
- 9.1.9. Bidder is required to include requested financial information (Appendix D) so that the Company can conduct a financial wherewithal assessment. The Proposal price shall include any costs associated with meeting the PPA credit

requirements (Section 5.10).

9.1.10. Bidder shall have completed the development, engineering, equipment procurement and construction of a similar wind or solar project within the United States or Canada of a size comparable to that of the Bidder's Project and have demonstrated appropriate operating experience (Section 8.3).

9.1.11. Bidder's exceptions to the Form PPA, considered individually or in the aggregate, are minimally acceptable to the Company as a basis for further discussions (Section 8.6).

9.1.12. Bidder must address Environmental Justice requirements (Section 8.9).

9.2. Detailed Analysis: Proposals meeting the Eligibility and Threshold Requirements in Section 9.1 will move to the Detailed Analysis phase, which is comprised of the Economic Analysis and the Non-Price Factor Analysis set forth below.

9.2.1. Economic Analysis: The Economic Analysis will include the calculation of the following financial metrics, which will provide multiple perspectives on cost and value:

- Levelized Adjusted Net Cost of Energy (LANCOE), and
- Value to Cost (V/C) Ratio.

LANCOE will be the primary ranking of projects. V/C Ratio will be the primary ranking metric for comparing across generation of different types. Additional details of the financial metrics are as follows with supporting definitions below:

$$\text{LANCOE } (\$/\text{MWh}) = \frac{\text{Total Cost } (\$) - \text{Total Value } (\$)}{\text{Present Value of Projected Energy Production (MWh)}}$$

$$\text{V/C Ratio} = \frac{\text{Total Value}}{\text{Total Cost}}$$

Total Cost: The Company will determine the present value of the costs of each qualifying Proposal. Total Costs will be evaluated based on the PPA contract's demand charges, energy charges, and any other applicable charges. Other costs may be included based on the Company's discretion to appropriately evaluate each Proposal to ensure the Company is comparing all qualifying Proposals on an equivalent basis.

Total Value: The Company will determine the present value of all the value streams of each qualifying Proposal. The value streams include the expected PJM revenues for the Proposal's energy and ancillary services, the expected value of renewable energy certificates (RECs), and capacity value. Additionally, other value streams and financial metrics may be included based on the Company's discretion to appropriately evaluate each Proposal

to ensure the Company is comparing all qualifying Proposals on an equivalent basis.

Transmission and Congestion Costs: Transmission and Congestion Costs will be determined by the Company's transmission screening analysis. The transmission screening analysis will evaluate (i) transmission facilities cost and the network upgrade cost allocated to the Proposal, (ii) expected cost of transmission congestion and losses to the APCo load zone and (iii) cost of deliverability and curtailment risk mitigation that the Company calculates to ensure that the resources can be designated as firm resources to meet Company's capacity obligations. Transmission and Congestion Costs will be included in Total Cost calculations.

9.2.2. Non-Price Factor Analysis: The Non-Price Factor Analysis will be comprised of the following:

9.2.2.1. Project's (including associated transmission and interconnection facilities) impact on wildlife, the environment and other natural and cultural resources.

9.2.2.2. Bidder's ability to meet contractual credit requirements through the review of recent financial statements, ability to post collateral and raise capital, and any other relevant financial information including current credit ratings will also be assessed.

9.2.2.3. Bidder's experience in developing similar projects as included in the Proposal as well as Bidder's operating history of similar generation facilities.

9.2.2.4. Status of interconnection process with PJM or APCo distribution, as applicable.

9.2.2.5. Development status of the Project, including, but not limited to, site control and permitting.

9.2.2.6. Bidder's exceptions to the Form PPA. The Company will review the exceptions the Bidder proposed to the Company's form agreement with a focus on risks or additional costs to the Company. Prior agreement by AEP in previous negotiations does not constitute acceptance of an exception.

9.2.2.7. Project's (including associated transmission and interconnection facilities) impact on Environmental Justice and Fenceline communities.

9.2.2.8. Community relations and economic development considerations, including Bidder's plan to use small and diverse suppliers as subcontractors.

- 9.3. Final Project Selection: APCo will consider bids that are reliable, feasible and represent a reasonable cost means of satisfying the requirements of this RFP. Based on the results of the Detailed Analysis described above, the Company will determine which Projects will be included in the Final Project Selection. The Company will notify Bidders whether or not their Proposal has been selected and negotiation of definitive agreements will commence with Bidders whose Proposals have been selected.

10. Reservation of Rights

A Proposal will be deemed accepted only when the Company and the successful Bidder have executed definitive agreements for the Company's purchase of Renewable Energy Products from the Project. The Company has no obligation to accept any Proposal, whether the stated price in such Proposal is the lowest price offered. The Company may reject any Proposal in its sole discretion and without any obligation to disclose the reason or reasons for rejection.

By participating in the RFP process, each Bidder agrees that any and all information furnished by or on behalf of the Company in connection with the RFP is provided without any representation or warranty, express or implied, as to the usefulness, accuracy, or completeness of such information, and neither the Company nor its Affiliates nor any of their personnel or representatives shall have any liability to any bidder or its personnel or representatives relating to or arising from the use of or reliance upon any such information or any errors or omissions therein.

The Company reserves the right to modify or withdraw this RFP, to negotiate with any and all qualified Bidders to resolve any and all technical or contractual issues, or to reject any or all Proposals and to terminate negotiations with any Bidder at any time in its sole discretion. The Company reserves the right, at any time and from time to time, without prior notice and without specifying any reason and, in its sole discretion, to (a) cancel, modify or withdraw this RFP, reject any and all Proposals, and terminate negotiations at any time during the RFP process; (b) discuss with a Bidder and its advisors the terms of any Proposal and obtain clarification from the Bidder and its advisors concerning the Proposal; (c) consider all Proposals to be the property of the Company, subject to the provisions of this RFP relating to confidentiality and any confidentiality agreement executed in connection with this RFP, and destroy or archive any information or materials developed by or submitted to the Company in this RFP; (d) request from a Bidder information that is not explicitly detailed in this RFP, but which may be useful for evaluation of that Bidder's Proposal; (e) determine which Proposals to accept, favor, pursue or reject; (f) reject any Proposals that are not complete or contain irregularities, or waive irregularities in any Proposal that is submitted; (g) accept Proposals that do not provide the lowest evaluated cost; (h) determine which Bidders are allowed to participate in the RFP, including disqualifying a Bidder due to a change in the qualifications of the Bidder or in the event that the Company determines that the Bidder's participation in the RFP has failed to conform to the requirements of the RFP; (i) conduct negotiations with any or all Bidders or other persons or with no Bidders or other persons; (j) execute one or more definitive agreements with any Bidder, and (k) utilize a Bidder's completed Appendices and any supplemental information submitted by the Bidder in any its regulatory filings.

11. Confidentiality

APCo will take reasonable precautions and use reasonable efforts to maintain the confidentiality of all bids submitted. Bidders should clearly identify each page of information considered to be confidential or proprietary. APCo reserves the right to release any proposals to agents or consultants for purposes of proposal evaluation. APCo's disclosure policies and standards will automatically bind such agents or consultants. Regardless of the confidentiality, all such information may be subject to review by or in proceedings before the appropriate state authority, or any other governmental authority or judicial body with jurisdiction relating to these matters and may be subject to legal discovery. Under such circumstances, APCo and AEPSC will make reasonable efforts to protect Bidder's confidential information.

12. Bidder's Responsibilities

- 12.1. It is the Bidder's responsibility to submit all requested material by the deadlines specified in this RFP.
- 12.2. The Bidder should make its proposal as complete and comprehensive as possible so that APCo may make a definitive and final evaluation of the proposal's benefits to its customers without further contact with the Bidder.
- 12.3. Bidders are responsible for the timely completion of the project and are required to submit proof of their financial and technical wherewithal to ensure the successful completion of the project.
- 12.4. The Bidder will be responsible for any expenses Bidder incurs in connection with the preparation and submission of a Proposal and/or any subsequent negotiations regarding a Proposal in response to this RFP. APCo will not reimburse Bidders for their expenses under any circumstances, regardless of whether the RFP process proceeds to a successful conclusion or is abandoned by APCo at its sole discretion.

13. Contacts

General RFP Questions: All correspondence and questions regarding this RFP, with the exception of interconnection-related questions, should be directed to:

APCo2024RFP@aep.com

PJM Interconnection: All correspondence and questions regarding the PJM Interconnection process can be found at:

[PJM Interconnection](#)

APCo Distribution Interconnection: All correspondence and questions regarding interconnection to the APCo System should be directed to:

APCoDGCoordinator@aep.com

Appendix A

Proposal Content Check Sheet

| Section | Item | Completed |
|--------------------------------|--|-----------|
| 8.2 | Executive Summary | |
| 8.3 | Appendix B (Project Summary) | |
| | - Completed Electronic Project Summary Form (link in Box Site) | |
| | - Company & General Project Information | |
| | - Solar and/or Wind Project Information | |
| | - Interconnection (PJM or APCo Distribution) | |
| | - Site Information | |
| | - Permits | |
| | - Preliminary Site Questions | |
| | Attachments Required: | |
| | - PTC/ITC Strategy | |
| | - Interconnection Studies | |
| | - Site Layout | |
| | - Site Control Documents | |
| | - Permit Matrix | |
| - Environmental Report Summary | | |
| - Bidder Projects Completed | | |
| 8.4 | Appendix C (Proposal Bid Pricing) | |
| 8.5 | Appendix D (Bidder's Credit Related-Information & Bidder's Profile) | |
| 8.6 | Appendix E (Form Power Purchase Agreement) | |
| 8.7 | Appendix F (Financing Plan) | |
| 8.8 | Appendix G (Production Profile) | |
| 8.9 | Appendix H (Local Goods & Services / Small & Diverse Suppliers / EJ) | |

Appendix B

Project Summary

Company Information

| | | |
|---|-------------|-----------|
| Bidder (Company): | | |
| Contact Name: | | |
| Contact Title: | | |
| Address: | | |
| City: | State: | Zip Code: |
| Work Phone: | Cell Phone: | |
| Email Address: | | |
| Is the Proposal being submitted through a partnership, joint venture, consortium, or other association (Y/N)? | | |
| If so, please identify all partners, joint ventures, members, or other entities or persons comprising same: | | |

General Project Information

| | | |
|--|-------------|------------|
| Project Name: | | |
| Project site located (County, State): | | |
| Indicate if Project will qualify for the Federal PTC or ITC and applicable percentage (%): | | |
| Indicate if Project will comply with Prevailing Wage and Apprenticeship Requirements (PWAR) (Y/N): | | |
| Interconnection Path (select all that apply) | APCo (Y/N): | PJM (Y/N): |
| Expected Commercial Operation Date: | | |
| Indicate if Project has substantial site control including to Point of Interconnection (Y/N): | | |

Solar Project Information (if applicable)

| | |
|---|-----------------------------------|
| Module Manufacturer / Model: | Annual Degradation (%): |
| Configuration (Fixed Tilt / Single Axis): | Design Life (Yrs.): |
| Inverter Manufacturer / Model: | Expected Annual Availability (%): |
| Solar Project Nameplate (MWac): | |
| Solar Project Nameplate (MWdc): | |
| Expected Annual Energy (MWh): | Capacity Factor (%): |
| Appendix G 8760 Total (MWh): (Value MUST match Expected Annual Energy above) | |

Wind Project Information (if applicable)

| | |
|--|--|
| Wind Turbine Manufacturer: | Model: |
| Wind Project Size (MW): | Design Life (Yrs.): |
| Independent Wind Resource Study Included (Y/N): | Source of Independent Wind Resource Study: |
| Year 1 Expected Annual Energy (MWh) ¹ : | Year 1 Capacity Factor (%) ¹ : |
| Expected Annual Energy (MWh) ² : | Capacity Factor (%) ² : |
| | Expected Annual Availability (%): |
| Appendix G 8760 Total (MWh): <i>(Value MUST match Expected Annual Energy above)</i> | |
| <i>Note 1: Year 1 production data is required to account for potential lower Year 1 production due to routine maintenance associated with the break-in period.</i> | |
| <i>Note 2: Expected Annual Energy (MWh) represents a typical year's production following Year 1.</i> | |

Interconnection – PJM (if applicable)

| | |
|--|---|
| PJM Queue #: | Substation Name / Voltage: |
| Transmission Provider: | |
| Point of Interconnection with: | |
| Feasibility Study Complete (Y/N): | Feasibility Study Report Date: |
| System Impact Study Complete (Y/N): | System Impact Study Report Date: |
| Facilities Study Complete (Y/N): | Anticipated Facilities Study Completion Date: |
| PJM Interconnection Status (describe): | |

Interconnection - APCo Distribution (if applicable)

| | |
|--|--|
| Application #: | Substation Name / Voltage: |
| Distribution Impact Study Complete (Y/N): | Distribution Impact Study Report Date: |
| Interconnection Cost Estimate: | |
| APCo Distribution Interconnection Status (describe): | |

Site Information

| | | |
|---|------------------------------------|------------|
| Site Legal Description: | | |
| Address: | | |
| City: | State: | Zip Code: |
| County: | Latitude: | Longitude: |
| Site Control (lease, easement, own, site purchase pending, etc.): | | |
| Site Acres Required: | Site Acres Secured: | |
| | Site Acres Secured (as % of Req.): | |
| Is there potential for expansion (Y / N): | If Yes, acres available: | |

Permits

| |
|--|
| Have you contacted all required permitting agencies regarding this project and identified all necessary permits? |
| City (Y/N): |
| County (Y/N): |
| State (Y/N): |
| Federal (Y/N): |
| - USFWS (Y/N): |
| - Other (Y/N): |
| On an additional sheet, list and describe all city, county, state and federal permits required for this project. Include: status, duration, planned steps, critical milestones and timeline. |

Preliminary Site Questions (Y/N)

| | |
|--|--|
| Has the site been assessed for any environmental contamination? Describe any known environmental issues. If necessary, please describe on a separate attachment. | |
| Are there any Tribal Lands or Tribal mineral ownership rights within Project boundary or vicinity? | |
| Are there any Federally or State owned or controlled lands within Project boundary or vicinity? | |
| Is the Project located on currently or formally mined lands? | |
| Is the site adjacent or near an Environmental Justice or Fenceline community? | |
| Have any Federal or State wildlife resource agencies been consulted for the Project? | |
| Has The Nature Conservancy or any other non-governmental organizations been engaged? | |
| Are there Conservation Reserve Program, Wetland Reserve Program or other conservation easements within the Project boundary or vicinity? | |
| Are there any pollinator vegetation requirements associated with the Project? | |

Attachments Required

PTC/ITC Strategy: Summary of how the Project will qualify for Federal Tax Credits (i.e., Production Tax Credits (PTC) or Investment Tax Credits (ITC)).

Interconnection Studies: Attach a copy of all completed interconnection studies (i.e., System Impact Study, Distribution Impact Study, Facilities Study, etc.).

Site Layout: Include a diagram or map identifying the Project boundary with anticipated placement of major equipment and other project facilities, including transmission layouts and point of interconnection.

Site Control Documents: Attach a copy of all leases, easements or other ownership documentation including to point of interconnect.

Permit Matrix: Attach a comprehensive permit matrix and status of all required permits, including, but not limited to, Federal (USFWS, FAA), State, County, City, etc.

Environmental Report Summary: Attach a summary of all environmental studies, reports and agency meetings associated with the Project. Summarize the following reports (including data summaries, results and findings) as applicable, which will be requested at a later time, including, but not limited to:

- Tier I / II Site Characterization Report, Environmental Work / Survey Plan, Bat Acoustic Survey Report, Avian Use Survey Report, Raptor Nest Survey Report, Prey-base Survey Report, Wetland, Waters and Playa Survey / Assessment Report, Whooping Crane Habitat Assessment Report, Lesser Prairie Chicken Survey / Assessment Report, Phase I Environmental Site Assessment Report, Historical and Cultural Resource Survey / Assessment Report, All Other Species and Environmental Resource Survey and Study Reports, Record and Notes of all Federal or State Resource Agency Correspondence and Meetings, Turbine and Environmental Resource Shapefiles (.kmz format), and Bird and Bat Conservation Strategy and Eagle Conservation Plan (if available).

Appendix C

Proposal Bid Pricing¹

| Expected COD by | PPA Term ² | Expected Annual Energy | Capacity Factor ³ | Bid Price, \$/MWh |
|---|-----------------------|------------------------|------------------------------|-------------------|
| | | | | \$ |
| Does Proposal pricing include an option for APCo to purchase Project at fair market value at the end of the Term? | | | | (Y/N): |
| Does Bid Price include the use of union labor? | | | | (Y/N): |

Alternate Bid Pricing (Not Required)

| Expected COD by | PPA Term | Expected Annual Energy | Capacity Factor ³ | Bid Price, \$/MWh |
|---|----------|------------------------|------------------------------|-------------------|
| | | | | \$ |
| Does Proposal pricing include an option for APCo to purchase Project at fair market value at the end of the Term? | | | | (Y/N): |
| Does Bid Price include the use of union labor? | | | | (Y/N): |
| Expected COD by | PPA Term | Expected Annual Energy | Capacity Factor ³ | Bid Price, \$/MWh |
| | | | | \$ |
| Does Proposal pricing include an option for APCo to purchase Project at fair market value at the end of the Term? | | | | (Y/N): |
| Does Bid Price include the use of union labor? | | | | (Y/N): |

Note 1: Optional size(s) provided cannot be contingent on Bidder selling the remaining portion of the Project to another party via a sale of a portion of the project company or a power purchase agreement.

Note 2: Proposal must include a Term of 20 or 30 years. In addition, alternate terms may be submitted.

Note 3: Capacity Factor should be based on MWac.

Appendix D

Bidder's Credit-Related Information

| |
|--|
| Full Legal Name of the Bidder: |
| Type of Organization (Corporation, Partnership, etc.): |
| Bidder's % Ownership in Proposed Project (as of proposal submittal date): |
| If Bidder's Ownership is <100%, identity of all persons and entities that have a direct or indirect ownership interest in the Project: |
| Full Legal Name(s) of Parent Corporation: <ol style="list-style-type: none"> 1. 2. 3. |
| Entity Providing Credit Support on Behalf of Bidder (if applicable): Name: Address: City: Zip Code: |
| Type of Relationship of Credit Support Provider: |
| Current Senior Unsecured Debt Rating (if unavailable, Issuer Rating): <ol style="list-style-type: none"> 1. S&P: 2. Moody's: |
| Bank References & Name of Institution: |
| Bank Contact: Name: Title: Address: City: Zip Code: Phone Number: |
| Legal Proceedings: As a separate attachment, please list all lawsuits, regulatory proceedings, or arbitration in which the Bidder or its affiliates or predecessors have been or are engaged that could affect the Bidder's performance of its bid. Identify the parties involved in such lawsuits, proceedings, or arbitration, and the final resolution or present status of such matters. |
| Financial Statements: Please provide copies of the Annual Reports for the three most recent fiscal years and quarterly reports for the most recent quarter ended, if available. If available electronically, please provide link. |

Bidder's Profile

Please list Bidder's Affiliate companies:

- 1.
- 2.
- 3.
- 4.

Please list Bidder's references:

1. Company
 - a. Contact Name:
 - b. Contact Number:
 - c. Project:
2. Company
 - a. Contact Name:
 - b. Contact Number:
 - c. Project:
3. Company
 - a. Contact Name:
 - b. Contact Number:
 - c. Project:
4. Company
 - a. Contact Name:
 - b. Contact Number:
 - c. Project:

Appendix E

Form Power Purchase Agreement

See Section 7.1 for instructions to obtain the applicable Form Power Purchase Agreement.

Bidder shall provide (i) an affirmative statement that Bidder's taking no exception to the Form of Power Purchase Agreement provided pursuant to this RFP or (ii) a comprehensive list of exceptions to the terms and conditions contained in the applicable Form PPA.

Appendix F

Financing Plan

Bidder shall submit a Financing Plan on a separate form. Bidders must provide a proposed financing plan, including any letters of support, previous correspondence with banks / lenders intending to provide financing for the project. Also provide the proposed on-going debt-equity ratio to be carried by the project during construction and operation.

Appendix G

Production Profile

See Section 7.1 for instructions to obtain the form identified below:

Bidder must include an 8760 calendar year hourly energy forecast, net of all losses using the Company's form spreadsheet ("EnergyInputSheet_2024.xls").

Appendix H

Local Goods & Services

Describe how the Bidder will be using local goods or services sourced whole or in part from one or more Virginia or West Virginia businesses, as applicable, to the extent practical in the purchase of equipment and material, or services for the Project:

Use of Small & Diverse Suppliers

Describe plan to use reasonable efforts to utilize and adopt a subcontracting plan to use small and diverse suppliers as subcontractors for work (<https://www.aep.com/b2b/suppliers>):

Environmental Justice

Provide a description of environmental justice factors by the Environmental Justice Act (Virginia Code §§ 2.2-234, *et. seq.*) that are relevant to the Project. If an Environmental Justice or Fenceline community is potentially affected by the Project, list the steps taken by the Project regarding the Commonwealth of Virginia's environmental justice policy. In addition, complete and include an EPA EJScreen Report using the EJScreen Tool (<https://www.epa.gov/ejscreen>), or if the project is located in Virginia, refer to the Virginia Environmental Data Hub (<https://geohub-vadeq.hub.arcgis.com>).