



American Electric Power Service Corporation
as agent for
Appalachian Power Company

Request for Proposals - PPA

from Qualified Bidders

Totaling up to 100 MWac of nameplate rated of
Virginia-sited
Solar Energy Resources (5 MWac minimum)
and / or
Wind Energy Resources (50 MW minimum)

RFP Issued: June 9, 2022

Proposals Due: July 27, 2022

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

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BACKGROUND

APCo is pursuing additional renewable resources consistent with the requirements of the Virginia Clean Economy Act for a Phase I utility via four requests for proposals (RFPs) as follows:

| | |
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| PSA | Wind and Solar Energy Resource RFP via a purchase and sale agreement (PSA) for purchase of 100% equity interest in a project company was issued on January 18, 2022. |
| Energy Storage | A RFP for energy storage will be issued at a later date in 2022. |
| PPA RFP | A RFP for up to 100 MW of power purchase agreements. |
| REC only | RFP for renewable energy certificates (RECs) only has been issued separately. |

This RFP is associated with the “PPA” RFP.

1. Introduction

American Electric Power Service Corporation (AEPSC) and Appalachian Power Company (APCo or Appalachian Power) are subsidiaries of American Electric Power Company, Inc. (AEP). AEPSC is administering this RFP on behalf of APCo.

Appalachian Power serves about 1 million customers in West Virginia, Virginia, and Tennessee. Its headquarters is in Charleston, W. Va., with regulatory and external affairs offices in both Charleston, W. Va. and Richmond, Va.

Appalachian Power is part of the American Electric Power system. Based in Columbus, Ohio, AEP is powering a cleaner, brighter energy future for its customers and communities. AEP’s approximately 16,700 employees operate and maintain the nation’s largest electricity transmission system and more than 224,000 miles of distribution lines to safely deliver reliable and affordable power to 5.5 million regulated customers in 11 states. AEP also is one of the nation’s largest electricity producers with approximately 31,000 megawatts of diverse generating capacity, including more than 7,100 megawatts of renewable energy. The company’s plans include growing its renewable generation portfolio to approximately 50% of total capacity by 2030. AEP is on track to reach an 80% reduction in carbon dioxide emissions from 2000 levels by 2030 and has committed to achieving net zero by 2050. AEP is recognized consistently for its focus on sustainability, community engagement, and diversity, equity, and inclusion. AEP’s family of companies also includes utilities AEP Ohio, AEP Texas, 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



2. RFP Overview

- 2.1. 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 an RPS eligible source contained in Section 56-585.5.A of the Code (“Eligible Renewable Resources”).
- 2.2. APCo is requesting Proposals of up to 100 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 100 MW. The minimum nameplate rated bid size for this RFP is 5 MWac for Solar Projects and 50 MW for Wind Projects.
- 2.3. 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 “REC only” products should be submitted separately into the Company’s REC RFP (see “Background,” page 1.)
- 2.4. Affiliates of AEP and APCo (Affiliate) may participate in this RFP.
- 2.5. Appropriate RFP procedures and a Code of Conduct Policy are in place to safeguard against APCo Affiliates from receiving preferential or discriminatory treatment or preferential access to information.

- 2.6. If Affiliate proposals are offered, they will (i) be submitted in the same format and under the same rules, (ii) be evaluated in the same manner, and (iii) use the same Form PPA (Appendix E) as a basis for contract negotiations as all other Proposals submitted into this RFP.
- 2.7. APCo may execute one or more Solar and/or Wind Project PPAs as a result of this RFP.
- 2.8. 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.
- 2.9. All questions regarding this RFP should be emailed to:

APCoRFP2022@aep.com

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

- 2.10. 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.

3. Product Description and Requirements

- 3.1. 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 APCo's distribution electrical system in the Commonwealth of Virginia via a Power Purchase Agreement (PPA). Renewable Energy Products shall include:
 - 3.1.1. Energy
 - 3.1.2. Capacity
 - 3.1.3. Ancillary Services (if available)
 - 3.1.4. Environmental Attributes (if available)
- 3.2. Expected Commercial Operation Date (COD): The Company is pursuing Projects that can achieve an Expected Commercial Operation Date (COD) by 12/31/2025.
- 3.3. Term: The Term of the PPA shall be 20 or 30 years. In addition to a 20 or 30-year Term, Bidder may offer alternate Term proposals.
- 3.4. Option to Purchase: Proposals may include an option for APCo to purchase the Project at fair market value at the end of the Term.

- 3.5. Delivery Period: The delivery period commences on January 1, 2026 and continues for the length of the Term.
- 3.6. Size: The APCo RFP is seeking up to 100 MWac nameplate rated Solar and/or Wind generation resources. The minimum acceptable Project size is 5 MWac for Solar Projects and 50 MW for Wind Projects.
- 3.7. Location: Projects must be physically located in the PJM Region (e.g. interconnected to the PJM Transmission system), or to the APCo Virginia distribution system.
- 3.8. Local Content: APCo encourages the use of local goods or services sourced, in whole or in part, from one or more Virginia businesses in the construction and/or operation of the Project. The bidder should identify these Virginia resources in its proposal.
- 3.9. Project Development:
- 3.9.1. Bidder must have established 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.
- 3.9.2. Construction Labor: APCo has a preference that Bidders use union labor with an affiliation to the Building and Construction Trade Unions for the site preparation and construction of the Project. Bidders are required (Section 4.1) to provide alternative Bid Pricing using 1) union labor, and 2) non-union labor.
- 3.9.3. Bidder shall use reasonable efforts to utilize and adopt a subcontracting plan to use small and diverse suppliers as subcontractors for work.
- 3.10. Interconnection:
- 3.10.1. Projects must be interconnected to PJM and have a completed PJM System Impact Study.
- OR
- 3.10.2. Projects must interconnect to APCo's distribution electrical 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-stamp and time-stamp no later than March 31, 2022 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](#)

- 3.10.3. 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.
- 3.10.4. The Bidder is responsible for all costs associated with transmission interconnections and system upgrades as required by the interconnecting utility and PJM.

4. Bid Price and Structure:

- 4.1. Bidders are required to provide alternative Bid Pricing using 1) union labor for the site preparation and construction of the Project as described in §3.92, and 2) non-union pricing for same.
- 4.2. The Bid Price must be for a bundled Renewable Energy Product as described in Section 3.1.
- 4.3. The Bid Price shall be on an “as-available” per MWh basis with no separate capacity payment.
- 4.4. 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.
- 4.5. Bid Price must be an “all-in” around-the-clock Price (\$/MWh) for the entire term of the agreement commencing on January 1, 2026.
- 4.6. The Bid Price must be a fixed, non-escalated price for the term of the PPA.
- 4.7. Proposals must include Bid Prices for a 20-year or 30-year Term. Additionally, Bidder’s may include proposals with alternate Terms.
- 4.8. Proposals may include an option for the Company to purchase the Project at fair market value at the end of the Term.
- 4.9. The Company will pay for Renewable Energy Products prior to the Delivery Period (§3.5) at the Real-Time Locational Marginal Price (\$/MWh) at the Point of Delivery less any associated PJM charges.
- 4.10. 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.

- 4.11. Associated Attributes - For purposes of this solicitation, the sale of renewable energy 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.
- 4.12. 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.

5. RFP Schedule and Proposal Submission

- 5.1. 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 | 06/9/2022 |
| Proposal Due Date | 07/27/2022 |
| RFP Short-List Identified | 08/31/2022 |
| Bidder(s) Selected for Final Contract Negotiations | 09/30/2022 |
| Contract Execution | 11/15/2022 |
| Submit Petition to State Regulatory Commissions for Approval | 12/01/2022 |
| Receipt of Regulatory Approval Order(s) | 05/30/2023 |
| Seller Conditions to NTP achieved | 08/30/2023 |
| Notice to Proceed (NTP) | 08/30/2023 |
| Commercial Operation by | 12/31/2025 |

- 5.2. Proposals must be complete in all material respects and received no later than 3 p.m. EST on the Proposal Due Date at AEPSC's Columbus, OH location as defined in Section 6 of this RFP.
- 5.3. Proposals should include an electronic copy of all APCo or PJM Studies completed to date for the Project.
- 5.4. Bidders will be required to sign a Confidentiality Agreement (CA) prior to receiving the following documents:
- SolarEnergyInputSheet_2022.xls (Appendix A)
 - WindEnergyInputSheet_2022.xls (Appendix B)
 - Form PPA (Appendix E)
- 5.5. Bidder should request APCo's Form CA by emailing (APCoRFP2022@aep.com) and including the following documentation:
- Supporting documentation of Bidder's experience in developing, engineering, procuring equipment, construction, and commissioning wind or solar powered

electric generation facilities (> Project bid size) in the United States or any portion of Canada and/or otherwise have demonstrated appropriate experience.

- Verification of Site Control as required by Section 3.9.1.
- PJM Projects: Completed PJM System Impact Study as required by Section 3.10.1.
- APCo Distribution Projects: Verification that the 1) Bidder expects to have a completed APCo Distribution Impact Study as required by Section 3.10.2 prior to the Proposal Due Date, and 2) the application for the Distribution Impact Study had been submitted with a utility date-stamp and time-stamp of no later than March 31, 2022.

5.6. APCo 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 evaluation process.

5.7. 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 Short-List.

5.8. 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.

6. Proposal Submittal

One hard copy of Bidder's Executive Summary and Appendix A or B and two electronic thumb drive copies of the Bidder's complete Proposal shall be submitted by the Proposal Due Date to:

American Electric Power Service Corporation
Attn: 2022 APCo Renewable RFP Manager (PPA)
1 Riverside Plaza (25th Floor)
Columbus, OH 43215

7. Proposal Content

7.1. The Bidder is encouraged to provide as much information as possible to aid in the evaluation of the offer. 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.

7.2. A completed Appendix G (Proposal Content Check Sheet).

7.3. An executive summary of the Project's characteristics and timeline, including any unique aspects and benefits.

- 7.4. Summary of how the Project will qualify for the PTC for Wind Projects; or the ITC for Solar Projects under Section 45 of the Internal Revenue Code of 1986, as amended.
- 7.5. Completed Appendix A (Solar Project Summary) for Solar Projects.
- 7.6. Completed Appendix B (Wind Project Summary) for Wind Projects.
- 7.7. The identity of all persons and entities that have a direct or indirect ownership interest in the Project.
- 7.8. A completed Appendix C (Bidder's Credit-Related Information).
- 7.9. A completed Appendix D (Bidder Profile). Bidders must provide a general description of its (including its affiliates) background and experience in the development and construction of at least three solar or wind projects similar to the Projects sought by the Company in this RFP. In addition, Bidders should provide at least three third-party references for such projects
- 7.10. Any exceptions to the terms and conditions contained in the applicable Form Power Purchase Agreement (Appendix E).
- 7.11. Bidder shall submit a Finance Plan (Appendix F) 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.
- 7.12. Bidder must provide documentation showing they have substantial experience in operating and maintaining wind or solar (as applicable) powered electric generation facilities of a similar or greater MW size in the United States or any portion of Canada within the jurisdiction of NERC, 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 wind or solar powered electric generation facilities of a similar MW size or greater in the United States or any portion of Canada within the jurisdiction of NERC.
- 7.13. A description of environmental justice factors by the Environmental Justice Act (Va. 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's environmental justice policy.
- 7.14. Bidder shall provide its plan to use reasonable efforts to utilize and adopt a subcontracting plan to use small and diverse suppliers as subcontractors for work (Section 3.9.3)

8. RFP Proposal Evaluation

Proposals must include ALL applicable content requirements as described in Section 7 – Proposal Content. 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 four main steps, is central to the success of APCo’s RFP process.

Section 8.1: Eligibility and Threshold Requirements

Section 8.2: Economic Analysis

Section 8.3: Short List

Section 8.4: Award Group

8.1. Eligibility and Threshold Requirements: If the Bidder does not qualify under any one of the Sections 8.1.1 – 8.1.13, the Bidder will not qualify for this RFP and will be notified accordingly.

8.1.1. Proposal must be for a Power Purchase Agreement and include the Renewable Energy Products only from a solar or wind energy resource (§2.3).

8.1.2. Projects must have an Expected COD by 12/31/25 (§3.2).

8.1.3. Solar Projects must have a minimum nameplate rating of 5 MWac and Wind Projects must have a minimum nameplate rating of 50 MW (§3.6).

8.1.4. Projects must physically located in the PJM Region (e.g. interconnected to the PJM Transmission system) or to the APCo Virginia distribution system. (§3.7).

8.1.5. Bidder must have established Site Control (§3.9.1).

8.1.6. Bidder must have 1) a completed PJM System Impact Study (§3.10.1) 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 March 31, 2022 (§3.10.2).

8.1.7. Bidder must provide alternative Bid Pricing for site preparation and construction of the Project using 1) union labor, and 2) non-union labor (§4.1).

8.1.8. Bidder must provide a Bid Price (non-escalated) (\$/MWh) (§4.6).

8.1.9. Bidder must provide a Bid Price for a 20 or 30 year Term (§4.7).

8.1.10. Bidder may provide an option for the Company to purchase the Project at fair market value at the end of the Term (§4.8).

- 8.1.11. 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 (§7.10).
- 8.1.12. Bidder or its affiliates shall have completed the development, engineering, equipment procurement and construction of a wind or solar project within the United States or Canada of size equal to or greater than the Bidder's proposed Project and/or have demonstrated appropriate experience (§7.12).
- 8.1.13. Bidder must address Environmental Justice requirements (§7.13).
- 8.2. Economic Analysis: During the Economic Analysis phase, the Company will determine the Levelized Cost of Electricity (LCOE) and Levelized Net Cost of Electricity (LNCOE) of each of the Proposals.

The Company's evaluation and final selection of Proposals to the Award Group (§8.4) will be based on the wind and solar base Proposals with the 30 year term.

- 8.2.1. LCOE: The Company will determine the Levelized Cost of Energy (LCOE) of each Proposal by using the Bid Price (\$/MWh) and the impact (+/-\$/MWh) associated with the transmission congestion as determined by the Company's distribution or transmission congestion screening analysis, as applicable. Additionally, other costs may be included based on the Company's discretion to appropriately evaluate each Proposal. This may be done to ensure the Company is comparing all qualifying Proposals on an equivalent basis.
- 8.2.2. LNCOE: The LNCOE will be calculated by taking the difference between the (a) levelized expected PJM revenues for the Proposal's energy, capacity, and RECs in the PJM market, and (b) LCOE for each Proposal.
- 8.3. Short-List: APCo will identify one or more Short-Listed Bidders for further discussions. Bidders not selected to the Short-List will be notified promptly. During the Short-List evaluation process, the Company will consider all applicable factors including, but not limited to, the following to determine the viability of the Proposal:
- Levelized Net Cost of Energy
 - The terms of the Proposal
 - Environmental / wildlife impact
 - Bidder's financial wherewithal
 - Bidder's experience
 - Status of interconnection process with PJM or APCo distribution, as applicable

- Project nameplate capacity
- Consideration of impact on Environmental Justice and Fenceline communities
- Community relations and economic development considerations
- The development status of Bidder's generation facility including, but not limited to permitting status
- The operating history of Bidder's other similar generation facilities
- The degree of risk as to the availability of the power or the resources in the time frame proposed
- Bidder's plan to use small and diverse suppliers as subcontractors

8.4. Award Group: APCo will consider bids that are reliable, feasible and represent a reasonable cost means of satisfying the requirements of this RFP. APCo will identify one or more Short-Listed Bidders for further discussions and negotiations of one or more executable agreements. Bidders not selected to the Award Group will be notified promptly.

9. 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, and 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.

10. 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.

11. Bidder's Responsibilities

- 11.1. It is the Bidder's responsibility to submit all requested material by the deadlines specified in this RFP.
- 11.2. The Bidder should make its proposal as 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.
- 11.3. 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.

11.4. 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 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.

12. Contacts

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

APCoRFP2022@aep.com

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

[PJM Interconnection](#)

12.3. APCo Distribution Interconnection: All correspondence and questions regarding interconnection to the APCo distribution electrical system should be directed to:

APCoDGCoordinator@aep.com

Appendix A

Solar 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? _____ 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): | | |
| Percentage of Federal Investment Tax Credit that the Project will qualify for: | | |
| Interconnection Path (select all that apply) | APCo (Y/N): | PJM (Y/N): |
| PJM Queue #: | PJM Study Status: | |
| Expected Commercial Operation Date: | | |
| Module Manufacturer / Model: | Annual Degradation (%): | |
| Bidder confirms it has substantial Project site control : | (Y/N) | |
| Configuration (Fixed Tilt / Single Axis): | Design Life (years): | |
| Inverter Manufacturer / Model: | | |
| Solar Project Nameplate (MWac): | Expected Annual Availability (%): | |
| Solar Project Nameplate (MWdc): | | |

Proposal Bid Pricing¹

| Expected COD by | PPA Term | Expected Annual Energy | Capacity Factor | Bid Price, \$/MWh | |
|-----------------|----------|------------------------|-----------------|-------------------|-----------------|
| | | | | Union Labor | Non-Union Labor |
| 12/31/25 | 20 years | | | \$ | \$ |
| 12/31/25 | 30years | | | \$ | \$ |
| 12/31/25 | | | | \$ | \$ |

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.

Option to Purchase - Confirmation

| | |
|---|-------|
| Does Proposal pricing include an option for APCO to purchase Project at fair market value at the end of the Term? | (Y/N) |
|---|-------|

Interconnection (PJM)

| | |
|--|----------------------------------|
| PJM Queue #: | Substation Name / Voltage: |
| Feasibility Study Complete (Y/N): | Feasibility Study Report Date: |
| System Impact Study Complete (Y/N): | System Impact Study Report Date: |
| Point of Interconnection with : | |
| PJM Interconnection Status (describe): | |
| <i>Please attach a copy of all interconnection studies and/or the expected completion date(s).</i> | |

Interconnection (APCo Distribution)

| |
|---|
| Interconnection Cost Estimate: |
| Application #: Substation Name / Voltage: |
| Status (describe): |
| <i>Attach a copy of the completed Distribution Impact Study, along with a copy of all other completed studies and/or the expected completion date(s).</i> |

Site Information

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

Permits

| |
|---|
| <p>Have you contacted all required permitting agencies regarding this project and identified all necessary permits?</p> <p>City (Y / N):</p> <p>County (Y / N):</p> <p>State (Y / N):</p> <p>Federal (Y / N):</p> <p>USFWS (Y / N):</p> |
|---|

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 Questions¹ (Y/N)

| | |
|--|--|
| Has the site been assessed for any environmental contamination? Describe any known environmental issues. If necessary, please describe on a separate attachments | |
| 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 site adjacent or near an Environmental Justice or Fenceline community? | |
| Has TNC or any other non-governmental organizations been engaged? | |
| Are there CRP, WRP or other conservation easements within the Project boundary or vicinity? | |
| Are there any pollinator vegetation requirements associated with the Project? | |

Attachments Required

- **Site Layout:** Attach a diagram identifying anticipated placement of major equipment and other project facilities, including transmission layouts and Point of Delivery.
- **Leases:** Attach (electronic version only) a copy of all leases, easements or other ownership documentation.
- **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:** The initial Proposals shall include a summary of all environmental and other reports associated with the site. (See Note 1 for reports to summarize)

Note 1: As applicable, the following reports will be requested: 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).

Solar Production Profile

Bidder must attach an 8760 calendar year hourly energy forecast, net of all losses using the Company's form spreadsheet (See Section 5.4 for instructions to obtain SolarEnergyInputSheet_2022.xls).

Virginia "Goods & Services"

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

Appendix B

Wind Project Summary

Company Information

| | | |
|---|-------------|-----------|
| Bidder (Company): | | |
| Contact Name (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? _____ If so, please identify all partners, joint ventures, members, or other comprising same. | | |

General Project Information

| | |
|--|-------------------|
| Project Name: | |
| Project site located (County, State): | |
| Percentage of Federal Production Tax Credit that the Project will qualify for: | % |
| PJM Queue #: | PJM Study Status: |
| Expected Commercial Operation Date: | |
| Wind Turbine Manufacturer: | Model: |
| Wind Project Size (MW): | |
| Bidder confirms that it has substantial Project site control | (Y/N): |
| Independent wind report / analysis completed and included in proposal? | (Y/N): |
| Source of wind energy forecast: | |

Proposal Bid Pricing¹

| Expected COD by | PPA Term | Expected Annual Energy | Capacity Factor | Bid Price, \$/MWh | |
|-----------------|----------|------------------------|-----------------|-------------------|-----------------|
| | | | | Union Labor | Non-Union Labor |
| 12/31/25 | 20 Years | | | \$ | \$ |
| 12/31/25 | 30 Years | | | \$ | \$ |
| 12/31/25 | | | | \$ | \$ |

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.

Option to Purchase - Confirmation

| | |
|---|-------|
| Does Proposal pricing include an option for APCO to purchase Project at fair market value at the end of the Term? | (Y/N) |
|---|-------|

Interconnection (PJM)

| | |
|---|----------------------------------|
| PJM Queue #: | Substation Name / Voltage: |
| System Impact Study Complete (Y/N): | System Impact Study Report Date: |
| Feasibility Study Complete (Y/N): | Feasibility Study Report Date: |
| Point of Interconnection with : | |
| PJM Interconnection Status (describe): | |
| Attach electronic copies of all interconnection studies and/or the expected completion date(s). | |

Site Information

| | | |
|---|--------------------------|-----------|
| Site Legal Description: | | |
| Address: | | |
| City: | State: | Zip Code: |
| County | Longitude: | Latitude: |
| Site Control (lease, own, site purchase pending, etc.): | | |
| Site Acres: | | |
| 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):

 USF&W (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 Questions¹ (Y/N)

| | |
|--|--|
| Has the site been assessed for any environmental contamination? Describe any known environmental issues. If necessary, please describe on a separate attachments | |
|--|--|

| | |
|--|--|
| 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 site adjacent or near an Environmental Justice or Fenceline community? | |
| Has TNC or any other non-governmental organizations been engaged? | |
| Are there CRP, WRP or other conservation easements within the Project boundary or vicinity? | |

Attachments Required

- Site Layout: Attach a diagram identifying anticipated placement of major equipment and other project facilities, including transmission layouts and Point of Delivery.
- Leases: Attach (electronic version only) a copy of all leases, easements or other ownership documentation.
- Permit Matrix: Attach a comprehensive permit matrix and status of all required permits, including, but not limited to Federal (USF&W, FAA), State, County, City, etc.
- Environmental Report Summary: The initial Proposals shall include a summary of all environmental and other reports associated with the site. (See Note 1 for reports to summarize)

Note 1: As applicable, the following reports will be requested: 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).

Wind Production Profile

Bidder must attach an 8760 calendar year hourly energy forecast, net of all losses using the Company's form spreadsheet (See Section 5.4 for instructions to obtain the WindEnergyInputSheet_2022.xls.)

Appendix C

Bidder's Credit-Related Information

| |
|--|
| Full Legal Name of the Bidder: |
| Type of Organization (Corporation, Partnership, etc.): |
| Bidder's % Ownership in Proposed Project: |
| Full Legal Name(s) of Parent Corporation: 1. 2. 3. |
| Entity Providing Credit Support on Behalf of Bidder (if applicable): Name: Address: City: Zip Code: |
| Type of Relationship: |
| Current Senior Unsecured Debt Rating: 1. S&P: 2. Moodys: |
| 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. |

Appendix D

Bidder Profile

Please list Bidder's Affiliate companies:

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

Please attach a summary of Bidder's background and experience in Wind and/or Solar Energy projects.

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 5.4 for instructions to obtain the applicable Form Power Purchase Agreement.

Appendix F

Financing Plan

Appendix G

Proposal Content Check Sheet

| Section | Item | Completed |
|----------------------------|---|-----------|
| 7.3 | Executive Summary | |
| 7.4 | Summary PTC/ITC Documentation | |
| 7.5 | Appendix A (Solar Project Summary) | |
| | - Company & Generation Project Information | |
| | - Bid Pricing | |
| | - Option to Purchase Confirmation | |
| | - Interconnection and Point of Delivery | |
| | o Attach copies of all interconnection studies / completion dates | |
| | - Site Information | |
| | o Site map | |
| | o Attach copies of site leases | |
| | o Permit Matrix | |
| | o Describe any known environmental issues. | |
| | - Solar Production Data (SolarEnergyInputSheet_2022.xls) | |
| | - Virginia “Goods and Services” (if applicable) | |
| | - Solar Resource Data (source, basis, assumptions, etc.) | |
| | - Energy Input Sheet (electronic only) | |
| - Solar Projects Completed | | |
| 7.6 | Appendix B (Wind Project Summary) | |
| | - Company & Generation Project Information | |
| | - Bid Pricing | |
| | o Wind Turbine and Facility Information | |
| | - Option to Purchase Confirmation | |
| | - Interconnection and Point of Delivery | |
| | o Attach copies of all interconnection studies / completion dates | |
| | - Site Information | |
| | o Site map | |
| | o Attach copies of site leases | |
| o Permit Matrix | | |

| | | |
|------|--|--|
| | <ul style="list-style-type: none"> o Describe any known environmental issues. | |
| | - Wind Production Data (WindEnergyInputSheet_202.xls) | |
| | - Virginia “Goods and Services” (if applicable) | |
| | - Wind Resource Data (source, basis, assumptions, etc.) | |
| | - Wind Projects Completed | |
| 7.7 | Identity of Persons / Ownership | |
| 7.8 | Appendix C (Bidder’s Credit Related Information) | |
| 7.9 | Appendix D (Bidder Profile) | |
| 7.10 | Appendix E (Exceptions to Form Power Purchase Agreement) | |
| 7.11 | Appendix F (Finance Plan) | |
| 7.12 | Bidder’s Experience | |
| 7.13 | Environmental Justice Factors | |
| 7.14 | Bidder’s plan to use small and diverse suppliers as subcontractors | |