

American Electric Power Service Corporation
as agent for
Appalachian Power Company

Request for Proposals

from Qualified Bidders

Totaling up to 50 MWac of nameplate rated

Solar Energy Resources
and
Energy Storage Resources
located at
Eligible Sites

Eligible Site means any site in the state of West Virginia that has been previously used in electric generation, industrial, manufacturing or mining operations, including, but not limited to, brownfields, closed landfills, hazardous waste sites, former industrial sites, and former mining sites.

RFP Issued: June 26, 2020

Proposals Due: August 6, 2020

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

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1. Background

The Company has issued this Request for Proposals (RFP) to solicit proposals in support of WV Senate Bill 583¹. Senate Bill 583 has created a program to further the development of renewable energy resources and renewable energy facilities for solar energy. The program, amongst other things, provides “*an application process and program for multiyear comprehensive renewable energy facilities for electric utilities, as defined, to plan, design, construct, purchase, own, and operate renewable energy generating facilities, energy-storage resources, or both under special conditions, requirements, and limitations.*”

2. 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 Request for Proposals (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, one of the largest electric utilities in the United States, delivering electricity to more than 5 million customers in 11 states. AEP ranks among the nation's largest generators of electricity, owning nearly 32,000 megawatts of generating capacity in the U.S. AEP also owns the nation's largest electricity transmission system, a nearly 39,000-mile network that includes more 765-kilovolt extra-high voltage transmission lines than all other U.S. transmission systems combined. AEP's transmission system directly or indirectly serves about 10 percent of the electricity demand in the Eastern Interconnection, the interconnected transmission system that covers 38 eastern and central U.S. states and eastern Canada, and approximately 11 percent of the electricity demand in ERCOT, the transmission system that covers much of Texas. AEP's utility units operate as AEP Ohio, AEP Texas, Appalachian Power (in West Virginia and Virginia), AEP Appalachian Power (in Tennessee), Indiana Michigan Power, Kentucky Power, Public Service Company of Oklahoma, and Southwestern Electric Power Company (in Arkansas, Louisiana and eastern Texas). AEP's headquarters are in Columbus, Ohio. For more information, see our corporate web site, www.aep.com.

¹ https://www.wvlegislature.gov/Bill_Status/bills_text.cfm?billdoc=SB583.SUB1.ENR.htm&yr=2020&sesstype=RS&billtype=B&houseorig=S&i=583

APCo Service Territory



3. RFP Overview

- 3.1. This RFP is being issued to support, in part, the program identified in WV Senate Bill 583 to further the development of renewable energy resources and renewable energy facilities for solar energy and energy-storage resources. Solar facilities or energy-storage resources (Projects) may become part of certain customer programs in West Virginia-domiciled solar generation.
- 3.2. APco is seeking Projects that are located in the State of West Virginia, interconnected to PJM Interconnection L.L.C. (PJM) RTO or APco's distribution electrical system, will qualify for the Federal Investment Tax Credit (ITC), and have an expected Commercial Operation Date (COD) by December 15, 2022.
- 3.3. The Company is seeking Projects located on Eligible Sites.

Eligible Site means any site in the state of West Virginia that has been previously used in electric generation, industrial, manufacturing or mining operations, including, but not limited to, brownfields, closed landfills, hazardous waste sites, former industrial sites, and former mining sites.

- 3.4. 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 definitive agreements for the acquisition of a selected Project.

- 3.5. APCo is requesting bids that will result in obtaining up to 50 MWac of nameplate rated Solar Energy Resources (Solar Project, Project) via one or more Purchase and Sale Agreements (PSA) for purchase of 100% of the equity interests of the Project's limited liability company (Project LLC). APCo will not consider proposals that do not meet these criteria, including proposals for renewable energy power purchase agreements.
- 3.6. The minimum nameplate rated bid size for a Solar Project is 10 MWac.
- 3.7. Bidders may include in their proposals, as an option, a solar energy resource with an energy storage resource no larger than 10 megawatts of capacity. Standalone energy storage resource proposals will not be accepted in this RFP.
- 3.8. Any Project with which APCo moves forward as a result of this RFP will be subject to APCo's receipt of all necessary regulatory approvals.
- 3.9. All questions regarding this RFP should be emailed to:

APCoWVSolarRFP2020@aep.com

APCo will post a list of the non-confidential "Questions and Answers" at its website on a weekly basis following the issuance of the RFP until the Proposal Due Date.

4. Product Description and Requirements

- 4.1. Completed Project. Each Project must be a complete, commercially operable, integrated solar-powered electric generating plant, including all facilities that are necessary to generate and deliver energy into PJM or APCo's distribution electrical system by the Expected COD.
- 4.2. Size: The APCo RFP is seeking a total up to 50 MWac nameplate rated solar energy resources. No Project may be greater than 50 MW.
- 4.3. Minimum Size: The minimum acceptable Solar Project size is 10 MWac. APCo will also consider optional energy storage resource devices up to 10 MW.
- 4.4. Location: Project must be located in the State of West Virginia. Distribution-level projects that do not also interconnect with PJM must be in the APCo West Virginia service territory.
- 4.5. Site: Projects must be located on an Eligible Site as defined in Section 3.3.

4.6. Local Content: APCo encourages the use of local goods or services sourced, in whole or in part, from one or more West Virginia businesses where feasible. The bidder should identify these resources in their proposal.

4.7. Project Development:

4.7.1. Bidder must have established site control of the proposed Project. Site Control must be in the form of land lease, land lease option or easement. A letter of intent will not be an acceptable form of site control.

Under a land lease, land lease option or easement, the lessor shall assume the risk that adverse past, present, and future physical characteristics and conditions of the Eligible Site may not have been revealed or investigated. Lessor shall waive and release APCo, AEPSC and AEP from any and all objections or claims with respect to title to the Eligible Site and any and all physical characteristics and existing conditions of the Eligible Site, including without limitation, any hazardous material, hazardous substances, contaminants, pollutants, or asbestos containing materials in, at, on, under or related to the Eligible Site, or the failure of the Eligible Site to comply with any applicable laws, rules or regulations.

4.7.2. Project must meet the AEP Solar Generation Facility Standard (See Appendix E). See Section 6.3 for instructions to obtain the AEP Solar Generation Facility Standard.

4.7.3. Bidders are required to submit all required Solar Resource Information (Appendix G).

4.7.4. Project must have a minimum design life of 30 years.

4.7.5. A Building and Construction Trades Unions approved project labor agreement must be initiated prior to commencement of physical work activities and utilized for the construction of the Project.

4.8. ITC Qualification: Each Project must qualify for the ITC in accordance with Section 45 of the Internal Revenue Code of 1986, as amended.

4.9. Interconnection:

4.9.1. Projects must be interconnected to:

- 1) PJM in the State of West Virginia, or
- 2) APCo's distribution electrical system in the State of West Virginia.

4.9.2. Projects interconnected to PJM must have a completed PJM System Impact Study. A copy of the study shall be included with the Bidder's Proposal.

- 4.9.3. Projects interconnecting to APCo's distribution electrical system must have an existing interconnection application (submitted prior to January 1, 2020) with the APCo Distribution Planning Group.
 - 4.9.4. If Bidder is pursuing interconnection to the APCo distribution electrical system only, Bidder must provide documentation that it is not required by the PJM Rules to interconnect with PJM.
 - 4.9.5. 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, as applicable.
 - 4.9.6. The Bidder is responsible for all costs associated with transmission or distribution interconnections and system upgrades as required by the interconnecting utility and PJM, as applicable.
- 4.10. Expected Commercial Operation Date: The Company is soliciting proposals for Projects that can achieve a COD by December 15, 2022. See Section 6.1 for RFP Schedule. A notice to proceed to Bidder will be issued, in APCo's discretion, following the receipt of a satisfactory regulatory approval orders.

5. Bid Price and Structure:

- 5.1. Proposal pricing must be for the Company's acquisition of a turnkey Project that is complete, commercially operable, integrated solar-powered electric generating plant designed for a minimum of a 30-year life; including, but not limited to, solar modules, inverters, power stations, balance of plant equipment, operations and maintenance ("O&M") facilities (if applicable), energy storage systems (if applicable), SCADA and all facilities required to deliver energy into the APCo distribution electrical system or PJM. In addition, pricing must include costs associated with ALTA/title insurance and construction financing.
- 5.2. In addition to Section 5.1, Proposal pricing must include the costs associated with the following:
 - 5.2.1. a minimum of two-year comprehensive warranty from a creditworthy entity for all non-module balance of plant equipment including design, labor and materials, and fitness for purpose;
 - 5.2.2. post-commercial operation testing activities and associated costs, including the installation and removal of any temporary test meteorological stations;

- 5.2.3. distribution, transmission and interconnection facilities required for the Project, including system or network upgrades, as required by APCo or PJM, as applicable, for the Project to interconnect to APCo or PJM;
 - 5.2.4. Pricing shall include ALL costs associated with the development, engineering, procurement, construction, commissioning and applicable testing of the facility, and
 - 5.2.5. Pricing shall include transfer of all property rights and/or any land lease(s) / easements, if any.
- 5.3. The PSA will be for the purchase of 100% of the equity interest of the Project LLC. Three payments under the PSA for Solar Energy Resources will be made at Mechanical Completion², Substantial Completion, and Final Completion (See Appendix D – Form Purchase and Sale Agreement for definitions and additional details). The Company will not make any progress payments prior to Mechanical Completion. Payment for Energy Storage Resources will be made at its Commercial Operation Date.
- 5.4. Prices must be firm, representing best and final bid. Proposals and bid pricing must be valid for at least 90 days after the Proposal Due Date.

6. RFP Schedule and Proposal Submission

- 6.1. 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	06/26/2020
Proposal Due Date	08/06/2020
RFP Short-List Identified	09/18/2020
Bidder(s) Selected for Final Contract Negotiations	09/25/2020
Contract Execution	Jan 2021
Submit Petition to State Regulatory Commissions (WV and VA) for Approval	Jan 2021
Receipt of Satisfactory Regulatory Approval (150 Days per SB583)	June 2021
Notice To Proceed	July 2021
Commercial Operation Date by	12/15/2022

² Mechanical Completion means the Project has been mechanically completed, assembled, erected and installed in accordance with the terms and conditions of the PSA.

- 6.2. 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 7 of this RFP.
- 6.3. Bidders will be required to sign a Confidentiality Agreement (CA) (See Section 6.4) prior to receiving the following documents:
- AEP Design Criteria for Energy Storage Fire Safety (Section 8.13)
 - Form Purchase and Sale Agreement (Appendix D)
 - AEP Solar Generation Facility Standard (Appendix E)
 - SolarDataReviewForm_APCo.xls (Appendix G – Solar Resource Data)
 - SolarEnergyInputSheet_2020.xls (Appendix G – Energy Input Sheet)
 - Projected O&M Costs spreadsheet (Appendix H)
- 6.4. Bidder should request APCo's Form CA by emailing (APCoWVSolarRFP2020@aep.com) and including the following documentation:
- Supporting documentation of Bidder's experience in developing, engineering, procuring equipment, constructing and commissioning 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 4.7.1.
 - Completed PJM System Impact Study as required by Section 4.9.2 or a copy of the distribution interconnection application with APCo as required by Section 4.9.3.
- 6.5. 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.
- 6.6. Proposals and bid pricing must be valid for at least 90 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.
- 6.7. 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.

7. Proposal Submittal

One hard copy and two electronic thumb drive copies of the Bidder's Proposal shall be submitted by the Proposal Due Date to:

American Electric Power Service Corporation
Attn: 2020 APCo Renewable RFP Manager
1 Riverside Plaza – 14th Floor
Columbus, OH 43215

8. Proposal Content

The Bidder is encouraged to provide as much information as possible to aid in the evaluation of the offer. Bidders must submit the following information:

- 8.1. A completed Appendix I (Proposal Content Check Sheet).
- 8.2. An executive summary of the Project's characteristics and timeline, including any unique aspects and benefits.
- 8.3. Summary documentation demonstrating what percentage of the ITC the Project will qualify for under Section 45 of the Internal Revenue Code of 1986, as amended. Bidder shall provide a detailed plan regarding the steps taken to date and future actions required to satisfy Safe Harbor requirements.
- 8.4. A completed Appendix A (Solar Project Summary), including general Company and Project Information, Proposal Bid Pricing, Interconnection information, Permit summary, Solar Resource Data, Energy Input Sheet, summary of West Virginia "Goods and Services" to be used, and how the Site qualifies as an Eligible Site as defined in §3.3 and in accordance with SB583.
- 8.5. Detailed information regarding the module, inverter, and energy storage resource (if applicable) manufacturer's warranty offering including parts and labor coverage and other key terms.
- 8.6. The identity of all persons and entities that have a direct or indirect ownership interest in the Project.
- 8.7. A completed Appendix B (Bidder's Credit-Related Information).
- 8.8. A completed Appendix C (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 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.
- 8.9. Any exceptions to the Form Purchase and Sale Agreement (Appendix D).
- 8.10. Bidder shall provide a list of any exceptions it takes to the AEP Solar Generation Facility Standard (Appendix E).
- 8.11. Bidders shall provide all required Solar Resource Information (Appendix G).

- 8.12. Bidder's Proposal shall include expected routine and non-routine operations and maintenance (O&M) costs by year for a 35-year operating period, including, but not limited to, land lease, property tax, operations and maintenance costs (See Appendix H for "Projected O&M Costs"). The land lease costs and the existence of any property tax abatements will be used in the Economic Analysis (Section 9.2); however, the remainder of the O&M Costs is for informational purposes only.
- 8.13. Energy Storage Resource Option: Bidder's providing an alternate Proposal for a "solar energy resource with an energy storage resource" shall provide this option separate from the base solar energy resource only Proposal. This optional Proposal shall include all applicable information from this Section 8 in addition to technical, operating, performance, and warranty details associated with the energy storage resource. Any energy storage resource offered shall comply with the AEP Design Criteria for Battery Energy Storage Systems Fire Safety (Document Number: DC-FP-BATT). This document will be provided to Bidders subsequent to execution of a CA (See Section 6.3).

9. RFP Proposal Evaluation

Proposals must include ALL applicable content requirements as described in Section 8 – 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 9.1: Eligibility and Threshold Requirements

Section 9.2: Economic Analysis

Section 9.3: Short List

Section 9.4: Final Project(s) Selection

- 9.1. Eligibility and Threshold Requirements: If the Bidder does not qualify under any one of the Sections 9.1.1 – 9.1.14, the Bidder will not qualify for this RFP and will be notified accordingly.
- 9.1.1. Projects must be a solar generation resource or an energy storage resource.
 - 9.1.2. Project must be located in the State of West Virginia (§3.2).
 - 9.1.3. Project must be located at an Eligible Site (§3.3).
 - 9.1.4. Proposal must be for a Purchase and Sale Agreement (§3.5).
 - 9.1.5. Solar Projects must have a minimum nameplate rating of 10 MWac (§3.6).
 - 9.1.6. Energy Storage Projects shall be no larger than 10 MW of capacity (§3.7).

- 9.1.7. Bidder must have established Site Control of the proposed Project (§4.7.1).
- 9.1.8. Project must have a minimum design life of 30 years (§4.7.4).
- 9.1.9. Project must qualify for the Federal Investment Tax Credit (§4.8).
- 9.1.10. Bidder must have 1) a completed PJM System Impact Study (§4.9.2) and be active in the PJM queue, or 2) have an existing interconnection application pending with APCo (§4.9.3).
- 9.1.11. Project must have an expected COD by December 15, 2022 (§4.10).
- 9.1.12. Bidder or its affiliates shall have completed the development, engineering, equipment procurement and construction of a 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 (§6.4).
- 9.1.13. Proposal must include detailed exceptions, if any, to the Form Purchase and Sale Agreement (Appendix D) (§8.9).
- 9.1.14. Proposal must include detailed exceptions, if any, to the AEP Solar Generation Facility Standard (Appendix E). (§8.10). Solar panels and inverters must be manufactured by those approved vendors in the AEP Generation Facility Standard for Solar Facilities.
- 9.2. Economic Analysis: During the Economic Analysis phase, the Company will determine the Levelized Cost of Electricity (LCOE) and the net economic impact to APCo and its customers when evaluating Solar Projects. The Company will evaluate Energy Storage Resource projects based on their installed cost/MW.
- 9.3. 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:
 - 9.3.1. Levelized Cost of Energy.
 - 9.3.2. The terms of the Proposal.
 - 9.3.3. Regional economic development
 - 9.3.4. Environmental / Wildlife impact.

- 9.3.5. Bidder's financial wherewithal.
 - 9.3.6. Bidder's experience.
 - 9.3.7. Bidder's plan to utilize goods or services sourced, if any, from one or more West Virginia businesses.
 - 9.3.8. Proposed commercial operation date (on-line).
 - 9.3.9. Status of interconnection process with PJM or APCo.
 - 9.3.10. Permitting plan / status.
 - 9.3.11. Project nameplate capacity.
 - 9.3.12. The development status of Bidder's Solar Project.
 - 9.3.13. Bidder's exceptions to the AEP Solar Generation Facility Standard.
- 9.4. Final Project(s) Selection: 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 during the Final Project(s) Selection will be notified promptly.

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 acquisition of the Project. The Company has no obligation to accept any Proposal, whether or not 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.

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 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 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 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

- 13.1. General RFP Questions: All correspondence and questions, with the exception of interconnection related questions, regarding this RFP should be directed to:
APCoWVSolarRFP2020@aep.com
- 13.2. PJM Interconnection: All correspondence and questions regarding the PJM Interconnection process can be found at:
[*PJM Interconnection*](#)
- 13.3. 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 (WV):	County:	
Does site qualify as an "Eligible Site" as defined in §3.3?	(Y/N):	
Expected Commercial Operation Date:	ITC %:	
Interconnection Path (select all that apply)	APCo (Y/N):	PJM (Y/N):
Module Manufacturer / Model:	Annual Degradation (%):	
Configuration (Fixed Tilt / Single Axis):		
Inverter Manufacturer / Model:		
Nameplate (MWac):	Expected Annual Availability (%):	
Nameplate (MWdc):		
Expected Capacity Factor (%):	Expected Annual Energy (MWh):	

Proposal Bid Pricing (Solar)

Commercial Operation Date by	Module Manufacturer	Annual Energy	Capacity Factor	Bid Price, \$
December 15, 2022				\$
Other				\$
Does Bid Price include the use of Project Labor Agreement (§4.8.5)?				(Y/N):

Has the site been assessed for any environmental contamination (Y / N):
<ol style="list-style-type: none"> 1. Attach a copy of all leases, easements. 2. Attach a diagram identifying anticipated placement of major equipment and other project facilities, including interconnection point. 3. Describe any known environmental issues. If necessary, please describe on a separate attachments:

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?	
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 or easements.
- Permit Matrix: Attach a comprehensive permit matrix and status of all required permits, including, but not limited to Federal, 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)
- Decommissioning Studies: Attach copies of any completed decommissioning studies.

Note 1: As applicable, the following reports may be requested: Protected species surveys and assessments, delineations for wetlands and other waters, cultural and historical resource surveys and assessments, Phase I Environmental Site Assessment, glare and view shed analyses, solar scorecard, records and notes of all federal and state resource agency correspondence and meeting summaries and any other applicable reports or documentation.

Appendix B

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 C

Bidder Profile

Please list Bidder's Affiliate companies:

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

Please attach a summary of Bidder's background and experience in 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 D

Form Purchase and Sale Agreement

See Section 6.3 for instructions to obtain the Form Purchase and Sale Agreement.

Appendix E

AEP Solar Generation Facility Standard

See Section 6.3 for instructions to obtain the AEP Solar Generation Facility Standard.

Appendix F

AEP Requirements for Connection of Facilities

Please follow the link below to access the AEP Requirements for Connection of Facilities (“Requirements for Connection of New Facilities or Changes to Existing Facilities Connected to the AEP Transmission System”).

[https://aep.com/assets/docs/requiredpostings/TransmissionStudies/Requirements/AEP_Interc
onnection_Requirements_Rev2.pdf](https://aep.com/assets/docs/requiredpostings/TransmissionStudies/Requirements/AEP_Interc%20connection_Requirements_Rev2.pdf)

Appendix G

Solar Resource Information

See Section 6.3 for instructions to obtain any of the documents identified below:

1. Proposal must provide the source and basis of the solar irradiance data used in the development of energy projections for the Project. Explain all assumptions used in forecasted generation calculations.
2. Bidder must populate the data required in the Company's "SolarDataReviewForm_APCO" spreadsheet.
3. Bidder must attach an 8760 calendar year hourly energy forecast, net of all losses using the Company's form spreadsheet (SolareEnergyInputSheet_2020.xls).

Appendix H

Projected O&M Costs

See Section 6.3 for instructions to obtain the Projected O&M Costs spreadsheet.

Appendix I

Proposal Content Check Sheet

Section	Item	Completed
8.2	Executive Summary	
8.3	Summary ITC information	
8.4	Appendix A (Solar Project Summary)	
	- Company & Generation Project Information	
	- Proposal Bid Pricing	
	- Interconnection and Point of Delivery	
	o Attach electronic copies of all interconnection studies / dates	
	- Site Information	
	o Description of how Site qualifies as Eligible Site	
	o Attach copies of site leases	
	o Describe any known environmental issues.	
	- Preliminary Site Questions	
	- Permits	
	- West Virginia “Goods and Services” (if applicable)	
	- Solar Projects Completed	
8.5	Warranty Information	
8.6	Identity of Persons / Ownership	
8.7	Appendix B (Bidder’s Credit Related Information)	
8.8	Appendix C (Bidder Profile)	
8.9	Appendix D (Exceptions to Form PSA)	
8.10	Appendix E (Exceptions to AEP Solar Generation Standard)	
8.11	Appendix G (Solar Resource Information)	
8.12	Appendix H (Projected O&M Costs)	
8.13	Energy Storage Resource Information (Optional)	