



American Electric Power Service Corporation

as agent for

Appalachian Power Company

Request for Proposals

from Qualified Bidders

Totaling up to 200 MW_{ac} of nameplate rated

Solar Energy Resources

(with Optional Battery Energy Storage Systems)

(10 MW_{ac} minimum bid size)

RFP Issued: January 22, 2020

Proposals Due: March ~~12~~31, 2020

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

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BACKGROUND

The Company issued a Request for Proposals (RFP) for solar energy resources on November 15, 2018, which did not result in any executed Purchase and Sale Agreements (PSA). The Company has decided to issue a new RFP with the following key changes:

- 1) Minimum solar project size is 10 MWac
- 2) Projects may interconnect directly to the APCo distribution system in Virginia
- 3) Expected commercial operation date by 12/15/2022
- 4) Bidders may include, as an add-on option, a battery energy storage system (BESS)

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 Request for Proposals (RFP) on behalf of APCo. Affiliates of AEP and APCo (Affiliate) are permitted to participate in this RFP, and APCo reserves the right to offer one or more self-build projects.

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 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 and eastern Texas). AEP's headquarters are in Columbus, Ohio. For more information, see our corporate web site, www.aep.com.

APCo Service Territory



2. RFP Overview

- 2.1. This RFP is being issued to support, in part, the requirements of Enactment Clause 21 of the Virginia Grid Transformation and Security Act that APCo own and operate 200 MW of solar generation facilities in Virginia. Solar facilities may become part of certain customer programs in Virginia that require Virginia-domiciled solar generation. Bidders may include for consideration any of the factors listed in that Section including, for example, any quantifiable economic development benefits associated with their project.
- 2.2. APCo is seeking Projects that are located in the Commonwealth of Virginia, interconnect 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.
- 2.3. 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.
- 2.4. APCo is requesting bids that will result in obtaining up to approximately 200 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 interest 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.

- 2.5. The minimum nameplate rated bid size for a Solar Project is 10 MWac.
- 2.6. Bidders may include in their proposals, as an option, a solar energy resource with a battery energy storage system (BESS) no larger than 10 megawatts of capacity. Standalone BESS proposals will not be accepted in this RFP.
- 2.7. Appropriate RFP procedures and a Code of Conduct Policy are in place to safeguard against AEPSC, APCo and Affiliates from receiving preferential or discriminatory treatment or preferential access to information.
- 2.8. 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 PSA (Appendix D) as a basis for contract negotiations as all other Proposals submitted into this RFP.
- 2.9. 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.
- 2.10. All questions regarding this RFP should be emailed to:

APCoSolarRFP2020@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.

3. Product Description and Requirements

- 3.1. 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.
- 3.2. Existing Projects: Existing Projects will be permitted to participate in this RFP but must have a commercial operation date (placed-in-service) on or after July 1, 2017.
- 3.3. Size: The APCo RFP is seeking a total of up to 200 MWac nameplate rated solar energy resources. The minimum acceptable Solar Project size is 10 MWac. APCo will also consider optional BESS devices up to 10 MW.
- 3.4. Location: Project must be located in the Commonwealth of Virginia. Distribution-level projects that do not also interconnect with PJM must be in the APCo Virginia service territory.

- 3.5. Local Content: APCo requires 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.
- 3.6. Project Development:
- 3.6.1. 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 site control.
 - 3.6.2. Project must meet the AEP Solar Generation Facility Standard (See Appendix F). This Standard has been updated since the 2018 APCo Solar RFP. See Section 5.3 for instructions to obtain the AEP Solar Generation Facility Standard.
 - 3.6.3. Project must have a minimum design life of 30 years.
 - 3.6.4. 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 (see Exhibit E – “Project Labor Agreement”).
- 3.7. ITC Qualification: Each Project must qualify for the ITC in accordance with Section 45 of the Internal Revenue Code of 1986, as amended.
- 3.8. Interconnection:
- 3.8.1. The Solar Project must be interconnected to:
 - 1) PJM in the Commonwealth of Virginia, or
 - 2) APCo’s distribution electrical system in the Commonwealth of Virginia.
 - 3.8.2. 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.
 - 3.8.3. 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.
 - 3.8.4. 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.

- 3.8.5. 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.
- 3.8.6. 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.
- 3.9. Expected Commercial Operation Date: The Company is soliciting proposals for Projects that can achieve a COD by December 15, 2022. See Section 5.1 for RFP Schedule. A notice to proceed to Bidder will be issued, in APCo’s discretion, following the receipt of a satisfactory regulatory approval order.

4. Bid Price and Structure:

- 4.1. 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,¹ 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.
- 4.2. In addition to Section 4.1, Proposal pricing must include the costs associated with the following:
 - 4.2.1. 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;
 - 4.2.2. post-commercial operation testing activities and associated costs, including the installation and removal of any temporary test meteorological stations; and
 - 4.2.3. 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.
 - 4.2.4. Pricing shall include ALL costs associated with the development, engineering, procurement, construction, commissioning and applicable testing of the facility.

¹ O&M facilities are not required for Projects less than 50 MW. See Section 6.19 of the AEP Solar Generation Facility Standard for additional details.

4.2.5. Pricing shall include transfer of all property rights and/or any land lease(s) / easements, if any.

4.3. The PSA will be for the purchase of 100% of the equity interest of the Project LLC. Three payments under the PSA 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.

4.4. 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.

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	01/22/2020
Proposal Due Date	03/ 12 31/2020
RFP Short-List Identified	04/ 24 17/2020
Bidder(s) Selected for Final Contract Negotiations	05/22/2020
Contract Execution	Sep 2020
Submit Petition to State Regulatory Commissions for Approval	Sep 2020
Receipt of Satisfactory Regulatory Approval Order(s)	Apr 2021
Commercial Operation Date by	12/15/2022

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. Bidders will be required to sign a Confidentiality Agreement (CA) (See Section 5.4) prior to receiving the following documents:

- AEP Design Criteria for BESS Fire Safety (Section 7.1.3)
- SolarDataReviewForm_APCo.xls (Appendix A – Solar Resource Data)
- SolarEnergyInputSheet_2020.xls (Appendix A – Energy Input Sheet)
- Form Purchase and Sale Agreement (Appendix D)
- AEP Solar Generation Facility Standard (Appendix F)

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

- Projected O&M Costs spreadsheet (Appendix G)
- 5.4. Bidder should request APCo's Form CA by emailing (APCoSolarRFP2020@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 3.6.1.
 - Completed PJM System Impact Study as required by Section 3.8.2 or a copy of the distribution interconnection application with APCo as required by Section 3.8.3.
- 5.5. 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.
- 5.6. 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.
- 5.7. 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.

6. 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

7. 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:

- 7.1. A completed Appendix H (Proposal Content Check Sheet).
- 7.2. An executive summary of the Project's characteristics and timeline, including any unique aspects and benefits.

- 7.3. 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.
- 7.4. 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 Virginia “Goods and Services” to be used, and confirmation that Bidder will use a Project Labor Agreement for the construction of the Project.
- 7.5. Detailed information regarding the module and inverter manufacturer’s warranty offering including parts and labor coverage and other key terms.
- 7.6. The identity of all persons and entities that have a direct or indirect ownership interest in the Project.
- 7.7. A completed Appendix B (Bidder’s Credit-Related Information).
- 7.8. 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.
- 7.9. Any exceptions to the Form Purchase and Sale Agreement (Appendix D).
- 7.10. Bidder shall provide a list of any exceptions it takes to the AEP Solar Generation Facility Standard (Appendix F).
- 7.11. Bidder’s Proposal shall include expected annual land lease costs for a 35-year operating period.
- 7.12. 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, property tax, operations and maintenance costs (See Appendix G for “Projected O&M Costs”).
- 7.13. Battery Energy Storage System (BESS) Option: Bidder’s providing an alternate Proposal for a “solar energy resource with a BESS” shall provide this option separate from the base solar energy resource only Proposal. This optional Proposal shall include all applicable information from this Section 7 in addition to technical, operating, performance, and warranty details associated with the BESS. Any BESS 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 5.3).

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: Final Project(s) Selection

8.1. Eligibility and Threshold Requirements: If the Bidder does not qualify under any one of the Sections 8.1.1 – 8.1.12, the Bidder will not qualify for this RFP and will be notified accordingly.

8.1.1. Proposal must be for a Purchase and Sale Agreement (§2.4).

8.1.2. Existing Projects must have a COD (placed-in-service) on or after July 1, 2017 (§3.2).

8.1.3. Project must have a minimum nameplate rating of 10 MWac (§3.3).

8.1.4. Project must be located in the Commonwealth of Virginia (§3.4).

8.1.5. Bidder must have established Site Control of the proposed Project (§3.6.1).

8.1.6. Project life must be designed for a minimum of 30 years (§3.6.3).

8.1.7. Bidder must commit to using a Project Labor Agreement (§3.6.4).

8.1.8. Project must qualify for the Federal Investment Tax Credit (§3.7).

8.1.9. Bidder must have 1) a completed PJM System Impact Study (§3.8.2) and be active in the PJM queue, or 2) have an existing interconnection application pending with APCo (§3.8.3).

8.1.10. Project must have an expected COD by December 15, 2022 (§3.9).

8.1.11. 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 (§5.4).

8.1.12. Proposal must include detailed exceptions, if any, to the Form Purchase and Sale Agreement (Appendix D) (§7.9).

8.2. Economic Analysis: During the Economic Analysis phase, the Company will determine the Levelized Cost of Electricity (LCOE) and the net economic impact to APCo when evaluating Solar Projects. The Company will evaluate battery projects based on their installed cost/MW as well as their ability to meet one or more of the objectives of Enactment Clause 9 of the Grid Transformation and Security Act.

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:

8.3.1. Levelized Cost of Energy.

8.3.2. The terms of the Proposal.

8.3.3. Environmental / Wildlife impact.

8.3.4. Bidder's financial wherewithal.

8.3.5. Bidder's experience.

8.3.6. Bidder's plan to utilize goods or services sourced, in whole or in part, from one or more Virginia businesses.

8.3.7. Proposed commercial operation date (on-line).

8.3.8. Status of interconnection process with PJM or APCo.

8.3.9. Permitting plan / status.

8.3.10. Project nameplate capacity.

8.3.11. Regulatory, community relations, and economic development considerations.

8.3.12. The development status of Bidder's Solar Project.

8.3.13. Bidder's exceptions to the AEP Solar Generation Facility Standard.

8.4. 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.

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 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.

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 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:
APCoSolarRFP2020@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 (VA):	County:	
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				\$

If Bidder has not finalized Module Manufacturer, they must identify the module options and provide the applicable production data (Expected Annual Energy, Capacity Factor) for each module mfg. Bidder shall attach module warranty information with its proposal.

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>Please attach a copy of all interconnection studies and/or the expected completion date(s).</i>

Site Information

Site Legal Description:
Address:
City: State: Zip Code:
County Longitude: Latitude:
Site Control (lease, own, site purchase pending, etc.):
<i>Please attach a copy of all leases, easements or other ownership documentation.</i>
Land Lease Term (years):
Site Acres:
Is there potential for expansion (Y / N): If Yes; acres available:
<i>Please attach a copy of all leases, easements or other ownership documentation.</i>
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 or other ownership documentation. 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:

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.

Solar Resource Data

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. Populate the data required in the Company's "SolarDataReviewForm_APCo" spreadsheet.

Energy Input Sheet

Attach an 8760 calendar year hourly energy forecast, **net of all losses** using the Company's form spreadsheet (SolareEnergyInputSheet_2020.xls). The Company will provide the form upon execution of an NDA.

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.

Project Labor Agreement

Bidder confirms that it will use a project labor agreement as required in Section 3.6.4.

Name:

Date:

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 5.3 for instructions to obtain the Form Purchase and Sale Agreement .

Appendix E

Project Labor Agreement

Bidder shall provide an overview of its plan to initiate and utilize a Project Labor Agreement for the construction of the Solar Project. In addition, Bidder shall include a copy of the form Project Labor Agreement.

Appendix F

AEP Solar Generation Facility Standard

See Section 5.3 for instructions to obtain the AEP Solar Generation Facility Standard.

Appendix G

Projected O&M Costs

See Section 5.3 for instructions to obtain the Projected O&M Costs spreadsheet.

Appendix H

Proposal Content Check Sheet

Section	Item	Completed
7.2	Executive Summary	
7.3	Summary ITC Documentation	
7.4	Appendix A (Solar Project Summary)	
	- Company & Generation Project Information	
	- Bid Pricing	
	o Module warranty information	
	- 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 Describe any known environmental issues.	
	- Permits	
	- Solar Resource Data (source, basis, assumptions, etc.)	
	- Solar Resource Data (SolarDataReviewForm_APCo.xls)	
	- Energy Input Sheet (electronic only)	
	- Virginia “Goods and Services” (if applicable)	
	- PLA Confirmation	
	- Solar Projects Completed	
7.5	Module and Inverter warranty information	
7.6	Identity of Persons / Ownership	
7.7	Appendix B (Bidder’s Credit Related Information)	
7.8	Appendix C (Bidder Profile)	
7.9	Appendix D (Exceptions to Form PSA)	
7.10	Appendix F (Exceptions to AEP Solar Generation Standard)	
7.11	Land Lease Costs	
7.12	Projected O&M Costs	
7.13	BESS Information (Optional)	