



AEP Energy Partners

Request for Proposals

for

**Wind, Solar and BESS Energy Resources
located in PJM**

RFP Issue Date: October 1, 2021

Notice of Intent Due: October 13, 2021

RFP Proposals Due: October 27, 2021



INTRODUCTION

AEPEP Energy Partners (AEPEP), a wholly owned subsidiary of American Electric Power Company, Inc., and a segment of AEP's Energy Supply division, is seeking off-take from new solar, off-take from new/repowered wind facilities and build-own-transfer of stand-alone Battery Energy Storage System (BESS) located in PJM.

AEPEP will use the contracted offtake and BESS to support the company's growing retail and wholesale loads in PJM.

AEPEP has completed negotiations with projects submitted into the March 2021 RFP. If your project was not selected in that process and you have continued interest in offering to AEPEP, you will need to resubmit your projects with the latest update even if it was submitted earlier this year.

This solicitation seeks solar and wind energy projects delivered to the following locations: AEPOHIO_RESID_AGG, AEP-DAYTON, DOMINION ZONE, DOMINION HUB, WESTERN HUB and COMED_ZONE.

BESS projects can be located anywhere in PJM territory.

All executed off-take agreements will use the AEPEP Template REPA and have specifically negotiated terms and conditions. BESS MIPA will be provided upon shortlisting.

BID ELIGIBILITY REQUIREMENTS

AEPEP is requesting solar and wind proposals that adhere to the following criteria:

- Location
 - PJM
- Generation:
 - Wind (including incremental power from repowering) or Solar
 - Standalone BESS
- REPA Term (Wind and Solar only):
 - 10 year
 - 12 year
 - 15 year
- COD:
 - 2022, 2023 and 2024
- Solar / Wind Pricing Options:
 - Bundled pricing (Day-ahead energy, facility RECs, PJM Capacity and ancillary services)



- Day-ahead energy, facility RECs and ancillary services pricing
- Day-ahead energy only pricing
- Pricing Escalation (Wind and Solar only):
 - No escalation. 0% per annum.
- Settlement Points (Wind and Solar only):
 - AEPOHIO_RESID_AGG (pnode 1269364670)
 - AEP-DAYTON (pnode 34497127)
 - DOMINION ZONE (pnode 34964545)
 - DOMINION HUB (pnode 35010337)
 - WESTERN HUB (pnode 51288)
 - COMED ZONE (pnode 33092371)
- Scheduling (Wind and Solar only):
 - Day Ahead; Physical via an Internal Bilateral Transaction “IBT” utilizing the actual metered facility production only in hours where LMP \geq \$0 (zero price floor)
- Seller Security (Wind and Solar only)¹:
 - \$50/kw (posted at REPA execution and non-refundable upon termination; expiring at COD)
 - \$100/kw (upon project COD)

AEPEP is requesting BESS proposals that adhere to the following criteria:

- BESS
 - Acquisition price upon COD
- BESS Requirements
 - Up to 50MW
 - Minimum four (4) hour duration
 - PJM RegD Service for 4,000hrs/year with guaranteed performance and output

Sellers can offer an additional alternative option(s), but must include the requested product.

¹ Seller security may be adjusted based upon AEPEP Credit review of Seller’s financials and long-term ownership structure and participants.



PROCESS TIMING

Invitation to participate	October 1, 2021
Provide intention to bid on or before; (Note: Bid Packets will only be sent to those companies who provided an intention to bid)	October 13, 2021
Bid Packets provided by AEPEP on or before	October 14, 2021
Bids due to AEPEP	October 27, 2021
Short list selected	Early December 2021
Expected REPA Execution (300-500MW)	Q2 2022

NOTICE OF INTENTION TO BID

If intending to respond to this RFP, bidders must submit the following project summary information below via email to beduckworth@aepes.com on or before October 13, 2021.

Project summary information for wind or solar

- a. Project Name
- b. Project Location
- c. Project nameplate size (MW) and expected offer size (MW)
- d. Project POI
- e. Project COD

Project summary information for BESS

- a. Project Name
- b. Project Location
- c. Project nameplate size (MW)
- d. Project POI
- e. Project COD

BID PACKET

Upon the receipt of the project summary information, AEPEP will send the following to the Bidder:

1. Excel Bid Sheet
2. Proposed Term Sheet (wind and solar only)



BID SUBMISSION

All submitted offers shall be signed by a person having proper authority to legally obligate the offering company. All submittals shall include:

1. Excel Bid Sheet for each project
2. Issues list identifying any deviations from the Proposed Term Sheet (wind and solar only)
3. Project contingencies or conditions precedent (preference will be given to projects that do not include contingencies or conditions precedent)
4. For projects not offering 100% of the facility, include the status of other offtake arrangements including the estimated completion date, the product being sold and whether or not pricing and terms are different than this offer (wind and solar only)
5. BESS information including technology, vendor, size, etc.
 - a. Annual O&M cost(s), taxes, land lease, etc.
6. MOPR exemption status (wind and solar only)
7. Projects Capacity Injection Rights
8. Expected Production including - 8760 strip production based upon a typical meteorological year, P50 annual production, P90 annual production (wind and solar only)
9. Status of interconnection including current status, queue number, required system upgrade cost estimate, and estimated completion date
10. Site control status, schedule and estimated completion
11. Local or state permit status including any public service commission or power siting approval requirements, outlining current steps completed, projected completion dates, or whether any approvals are subject to appeal
12. Proposed equipment vendors for major equipment and status of securing major equipment
13. Financing plan including the structure and long term ownership plan (wind and solar only)
14. Provide corporate structure and 3 years of audited financials; If public, provide a link to public financials
15. Proposed direct pay, ITC and PTC expectations
16. Operations and maintenance plan; Provide relevant background credentials for the operator (wind and solar only)
17. Prior development experience in PJM and elsewhere
18. Any additional supporting materials that are project specific

All submittals must be received by **12pm EST on October 27, 2021**. All proposals are to be submitted by e-mail to beduckworth@aepes.com.



GENERAL

AEPEP reserves the right, without qualification, to modify or withdraw this invitation, to reject any or all proposals, and to terminate any subsequent negotiations at any time, to waive any formality, technicality, requirement or irregularity in the proposals. AEPEP also reserves the right to accept one or more proposal(s) for a portion or for all of the quantities of energy it seeks to acquire with this invitation. AEPEP will determine in its sole discretion which proposals it wishes to engage in negotiations with that may lead to definitive agreements for the selected proposal. The RFP is not a commitment by AEPEP to purchase, and it does not bind AEPEP or its affiliates in any manner.

All proposals will be considered the property of AEPEP, subject to the confidentiality agreement.

AEPEP will retain in confidence all proposals and other information received pursuant to this invitation, except when the same is requested by a court or government agency or otherwise required to be disclosed.

Those submitting proposals shall be responsible for the completeness and accuracy of all information contained in and used in preparation of its proposal(s) and for having supplied all necessary information.

All proposals shall be submitted by the offering company at their sole cost and expense.

Should further information be required, please contact Ben Duckworth at (614) 583-7453.