

**American Electric Power Service Corporation**  
**as agent for**  
**Southwestern Electric Power Company**  
**Request for Proposals**  
**Power Purchase Agreements (PPAs)**  
from Qualified Bidders  
for  
**New and Operational Resources**

Southwestern Electric Power Company is seeking resources (e.g., wind, solar, natural gas, storage) via three RFPs totaling:  
2,100 MW of Accredited Capacity.

**This RFP is associated with PPAs only.**

Other RFPs may be found at the Web Address noted below.

*The Resources requested in this RFP will be acquired via PPAs for purchase of the Energy, Capacity, Ancillary Services, and, if applicable, Environmental Attributes (including RECs) produced by Wind, Solar, Battery Energy Storage Systems (BESS), and Gas Generation Resources.*

RFP Issued: January 31, 2024

Proposals Due: April 3, 2024

Web Address: [www.swepco.com/rfp](http://www.swepco.com/rfp)

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## Background

Southwestern Electric Power Company (“SWEPCO” or “Company”) is pursuing additional generation and capacity resources via three requests for proposals (“RFPs”).

The Company has identified the need for additional resources to serve the future energy and capacity needs of its customers and to maintain compliance with the Southwest Power Pool (SPP) Planning Reserve Margin (PRM) requirement. This resource need is reflected in the Company’s Integrated Resource Plan (“IRP”) proceeding which is currently pending in Louisiana Public Service Commission (“LPSC” or the “Commission”) Docket No. I-36242 and outlined at the second IRP stakeholder conference conducted on August 29, 2023. The resources ultimately selected from this RFP are critical to meet SWEPCO customers’ future load needs given (a) recent and future SWEPCO unit retirements, (b) SPP’s recently approved and current evaluation for a potential increase in their PRM requirement, and (c) SPP’s September 8, 2023 filing with the Federal Energy Regulatory Commission (“FERC” Docket No. ER23-2781-000) to add a new winter season Resource Adequacy Requirement (“RAR”).

The Company is seeking approximately 2,100 MW of accredited capacity from 1) Wind, Solar, BESS, and Natural Gas resources via three RFPs and 2) Company Self-Build Proposals, as described in Table 1 below.

**TABLE 1**

<b>RFP</b>	<b>Details</b>
<b>PSA</b>	Wind, Solar, BESS, and Natural Gas RFP via one or more PSAs for SPP resources. In addition, the Company is soliciting proposals for completion of an energy storage project at SWEPCO’s Harry D. Mattison power plant site.
<b>PPA</b>	<b>Wind, Solar, BESS, and Natural Gas RFP seeking energy, SPP capacity, environmental attributes (including RECs), and ancillary services via one or more PPAs.</b>
<b>CPA</b>	Capacity RFP seeking short-term SPP accredited deliverable capacity via one or more Capacity Purchase Agreements (CPAs).
<b>Self-Build Proposals:</b> The Company plans to evaluate one or more Self-Build Proposals in addition to the Proposals received in the PSA RFP. The Self-Build Proposals will be developed by the AEP Projects Group who are independent from the RFP Team. Self-Build Proposals shall 1) be submitted to the RFP Team one day prior to the PSA, PPA, and CPA Proposal Due Date, and 2) use as a basis for the Proposal, the information required in the PSA Proposal Content Section (RFP Section 6) and all applicable appendices.	

Merrimack Energy Group, Inc. (“Merrimack”) will serve as the Independent Monitor (“IM”) to review and track SWEPCO’s conduct during this RFP. The Company has also established a Code of Conduct, which has been implemented for the evaluation of any Self-Build Proposals.

SWEPCO will evaluate each conforming bid within the three RFPs and any Self-Build Proposal, individually and collectively, to determine the portfolio of projects that best fits the Company’s needs described above while also taking into consideration previous state commission orders in each of SWEPCO’s jurisdictions.

**This RFP document is associated with the PPA RFP only.**

The PSA and CPA RFPs may be found at [www.swepco.com/rfp](http://www.swepco.com/rfp)

## **1. Introduction**

SWEPCO and American Electric Power Service Corporation (“AEPSC”) are subsidiaries of American Electric Power Company, Inc. (“AEP”).

AEP is one of the largest electric utilities in the United States, delivering electricity and custom energy solutions to 5.6 million regulated retail customers in 11 states. AEP owns the nation's largest electricity transmission system, a more than 40,000-mile network that includes more 765-kilovolt extra-high voltage transmission lines than all other U.S. transmission systems combined. AEP also operates 225,000 miles of distribution lines. AEP ranks among the nation's largest generators of electricity, owning approximately 25,000 megawatts of generating capacity in the U.S. AEP also supplies approximately 4,100 megawatts of renewable energy to customers. 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 SWEPCO (in Arkansas, Louisiana, and Texas). AEP's headquarters are located in Columbus, Ohio. More information about AEP can be accessed by visiting [www.aep.com](http://www.aep.com).

SWEPCO serves approximately 552,000 customers in northwestern and central Louisiana, western Arkansas, East Texas and the panhandle of North Texas. SWEPCO’s headquarters are located in Shreveport, Louisiana.

SWEPCO owns 4,916 MW of diverse generating capacity, including SWEPCO’s 809 MW share of the North Central Energy Facilities.<sup>1</sup> The Company has recently received approval in Arkansas and Louisiana to purchase an additional 999 MW of solar and wind resources upon project completion in 2024 and 2025. SWEPCO also has short and long-term PPAs and CPAs totaling over 1,016 MW. In addition, SWEPCO has over 4,000 miles of transmission and 26,000 miles of distribution lines. Additional information regarding SWEPCO can be accessed by visiting [www.SWEPCO.com](http://www.SWEPCO.com).

<sup>1</sup> <https://www.swepco.com/clean-energy/renewable/plan>

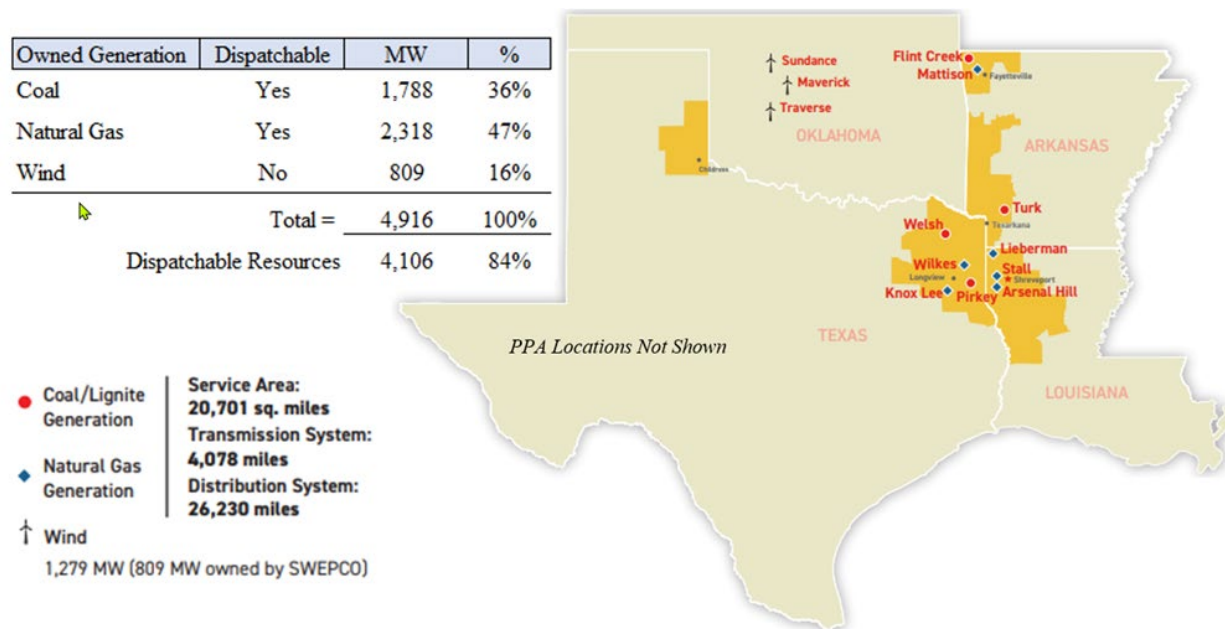


Figure 1. SWEPCO Generating Assets

## 2. RFP Overview

- 2.1 SWEPCO is pursuing approximately 2,100 MW of accredited capacity from 1) Wind, Solar, BESS, and Natural Gas Resources via the three RFPs, and 2) Company Self-Build Proposals as shown in Table 1.
- 2.2 The Resources requested via this RFP will be contracted via PPAs for purchase of the Bundled Products produced by Wind, Solar, BESS, and Gas Generation Resources. The Bundled Products include the energy, capacity, ancillary services, and environmental attributes (including RECs), if applicable, as further described in Section 3.1.
- 2.3 SWEPCO may execute one or more Wind, Solar, Stand-Alone BESS, or Natural Gas PPAs as a result of this RFP.
- 2.4 The Company's decisions regarding the results of this RFP will be subject to its receipt of regulatory approvals from the Arkansas Public Service Commission, the Louisiana Public Service Commission, the Public Utility Commission of Texas, and the Federal Energy Regulatory Commission or a subset of the Commissions as determined by the Company. Definitive agreements between the Company and Bidders for selected Projects will be conditioned upon the Company receiving the

regulatory approvals described in the preceding sentence that are in form and substance satisfactory to the Company in its sole discretion.

- 2.5 SWEPCO has engaged Merrimack to serve as an Independent Monitor (“IM”) for the RFP. The IM will review and track SWEPCO’s conduct of the RFP to ascertain that no undue preference is given to Self-Build Proposals.
- 2.6 This RFP is not a commitment by the Company to purchase Bundled Products from any Project, and it does not bind or obligate the Company or its Affiliates in any way. The Company, in its sole discretion, will determine which Bidders, if any, it wishes to engage in negotiations with that may lead to definitive PPAs with one or more selected Projects.
- 2.7 The anticipated time period between the receipt of Proposals and the Company’s evaluation, due diligence, selection, negotiation and the execution of definitive agreements is outlined in Section 5.1. The Company anticipates filing for regulatory approval in each of its retail operating jurisdictions (Arkansas, Louisiana, and Texas) in Q1-2025 and receiving regulatory decisions by the end of Q1-2026.
- 2.8 The RFP seeks Proposals for both New and Operational Resources. Any Proposals submitted for Operational Resources must demonstrate that the underlying asset has a minimum amount of operational life remaining based on initial design standards to support the PPA terms detailed in Section 3.5. Additionally, Bidders for Operational Resources must have 100% ownership of the asset or have documented authority to offer the asset into the RFP.
- 2.9 All questions regarding this RFP should be emailed to: [SWEPCO2024RFP@aep.com](mailto:SWEPCO2024RFP@aep.com). SWEPCO will post a list of the non-confidential “Questions and Answers” to the RFP website on a weekly basis from the issuance of the RFP until 10 business days prior to the Proposal Due Date.

### **3. Product Description and Requirements**

- 3.1 Bundled Products: The Company is seeking to purchase the following resource specific products (“Bundled Products”) for delivery into SPP with a contract start date by the Expected Commercial Operation Date.
  - 3.1.1 Wind and Solar: Energy, Capacity, Ancillary Services (if available), and Environmental Attributes (including RECs)
  - 3.1.2 BESS: Energy, Capacity, and Ancillary Services (if available)
  - 3.1.3 Natural Gas: Energy, Capacity, and Ancillary Services (if available)
- 3.2 Expected Commercial Operation Date (COD): The Company is pursuing Projects that can achieve an Expected COD by 12/31/2027 or alternatively 12/31/2028 to

meet SWEPCO's capacity obligation for SPP's capacity planning years 2028 and/or 2029 and beyond.

- 3.3 Target Size: A total of approximately 2,100 MW of SPP accredited deliverable capacity and associated energy where applicable. The amount of any one type of resource selected from any of the RFPs will depend on SWEPCO's bid selection process.
- 3.4 Minimum Acceptable Project Size: The minimum acceptable Project size for Wind, Solar, BESS, and Natural Gas is 20 MWac.
- 3.5 Term: The Base Term for Wind, Solar, and BESS Projects is 20 years. The Base Term for Natural Gas Projects is 15 years. Bidders may offer Alternate Term Proposals in addition to the Base Proposal.
- 3.6 Delivery Period: The Delivery Period shall commence on January 1, 2028, or January 1, 2029, and continue for the length of the Term.

Operational Resources may be eligible for an earlier Delivery Period once regulatory approvals described in Section 2.4 are obtained.

- 3.7 Location:
- Solar, BESS, and Natural Gas Projects must be located in the SPP portion of Arkansas, Louisiana, Texas, or Oklahoma *and* directly interconnected to AEP's transmission system.
  - Wind Projects must be located in the SPP portion of Arkansas, Louisiana, Texas, Oklahoma, Kansas, or Missouri.
- 3.8 Option to Purchase: The Company has a preference for Proposals that include a buyout option for SWEPCO to purchase the Resource at the end of or prior to the end of the PPA term and a first right to purchase the Resource should the bidder elect to sell the Resource.
- 3.9 BESS: Storage Resources shall have the following Technical and Operational Requirements:
- BESS Projects must satisfy the AEP Battery Energy Storage System Technical Specification and Design Criteria (Appendix F).
  - Minimum facility design life of 20 years for new resources; and 15 years for operational resources.
  - New Projects must include options for both a 4-hour and 6-hour storage duration. SWEPCO recognizes that 4-hour duration is a common standard, but also has a strong interest in 6-hour storage duration responses. SWEPCO will also consider alternate Proposals with durations of 8 hours or longer.



- Must have a minimum size of 20 MW / 80 MWh.
- New Projects should have the capability to operate at 365 cycles per year. *A cycle is defined as the total MWh discharge throughput as measured at the POI in one day. As an example, one cycle of a 100 MW / 400 MWh battery system would be when the battery has provided a total discharge throughput of 400 MWh at the POI in one day. This discharge throughput can be achieved through deep cycles (e.g., energy), shallow cycles (e.g., while providing ancillary services), or a combination of deep and shallow cycles.*
- Standard warranty should allow for up to two cycles per day with annual cycles of 365.
- Projects must be able to maintain at least a 98% availability for dispatch in each calendar year.
- The BESS must be able to rapidly oscillate between charge and discharge states to be able to provide frequency or other ancillary services.
- The Bidder should state any average annual State of Charge limitations under the warranty offered.
- New Projects must provide documentation to support the proposed technology can achieve a roundtrip efficiency of at least 80%. Operational Resources must demonstrate a minimum roundtrip efficiency of 80%.

***The PPA will provide SWEPCO the right to instruct the Buyer to dispatch the BESS within these parameters for the benefit of SWEPCO's customers.***

### 3.10 Natural Gas Proposals:

- 3.10.1 For bids submitted under the PPA contract structure in this RFP, Bidders are responsible for securing gas supply to the proposed facilities.<sup>2</sup>

### 3.11 Project Development:

- 3.11.1 Site Control. Bidder must have established substantial site control of the proposed Project. Site control must be in the form of direct ownership, land lease, land lease option or easement for at least 35 years. A letter of intent will not be an acceptable form of demonstrated site control.
- 3.11.2 AEP Supplier Code of Conduct and use of Small and Diverse Suppliers. Bidders shall use reasonable efforts to comply with the AEP Supplier Code of Conduct ([Supplier Code of Conduct.pdf-aep.com](#)) and to utilize and adopt

<sup>2</sup> For bids submitted under the contract structure in the PSA RFP, SWEPCO will be responsible for securing the gas transportation infrastructure and any associated long-term transportation agreement for new gas facilities proposed.

a subcontracting plan to use small and diverse suppliers ([AEP Supplier Diversity](#)) as subcontractors for work.

- 3.11.3 Social Impacts. AEP has a commitment to consider the environmental and social impacts of our recommendations and decisions as we serve our communities, especially low-income communities, communities of color and other historically marginalized communities. As part of the focus on delivering safe, clean, reliable and affordable electricity, we seek partners that are dedicated to meaningful engagement with our customers and communities to ensure fair treatment and equitable decision making. Bidders should identify any such benefits associated with their Project for planned facilities and operations for operational facilities.

3.12 Interconnection/Delivery Point:

- 3.12.1 Solar, BESS, and Natural Gas Projects must be located in the SPP portion of Arkansas, Louisiana, Texas, or Oklahoma *and* directly interconnected to AEP's transmission system.

Wind Projects must be located in the SPP portion of Arkansas, Louisiana, Texas, Oklahoma, Kansas, or Missouri.

- 3.12.2 Projects must be active in SPP Queue Cluster 2021-001 or earlier. Projects in later queue clusters will not be eligible to participate in this RFP.
- 3.12.3 Bidders are required to provide the current status of the Project's interconnection queue position in submitted bid materials. SWEPCO requires further updates on the status of the Project's interconnection queue status if new information arises during the RFP process that may impact the delivery timeline or Project costs (through either direct coordination with the RTO or as a result of new regulation, guidance, or policy changes).
- 3.12.4 The Proposal must identify the Project's proposed transmission interconnection point(s) within SPP, including any studies, applications, line extensions and system upgrades identified as part of the interconnection approval process. The interconnection point with the SPP transmission system will be the Point of Delivery.
- 3.12.5 Bidders are responsible for following the established policies and procedures that are in effect regarding facility interconnection and operation with the interconnecting utility, SPP, and NERC, as applicable.
- 3.12.6 The Bidder is responsible for all costs associated with transmission interconnections and system upgrades, including affected system upgrades (if any), as required by the interconnecting utility and SPP, as applicable.

- 3.12.7 Bidders seeking to propose a technology that is not currently reflected in their interconnection agreement or interconnection study documentation must clearly describe the timing and process (including reference to the applicable RTO tariff and/or manual) needed to make such a change in fuel type.

#### **4. PPA Bid Price and Structure**

- 4.1 Proposal pricing is for a PPA offtake from a Project that is a complete, commercially operable, and integrated electric generating plant.
- 4.2 Seller shall use Appendix B, and any other attachments as needed to fully articulate the pricing of its Proposal.
- 4.3 The Bid Price must be for a Bundled Product as described in Section 3.1.

PPA respondents must acknowledge and accept all responsibilities for SPP accredited capacity requirements and penalties.

- 4.4 Wind, Solar, and BESS Proposals must include a Bid Price for a 20-year Term. Natural Gas Proposals must include a Bid Price for a 15-Year Term. Bidders may include additional Proposals with alternate Terms.
- 4.5 The following sub-sections are specific Bid Price requirements for Wind, Solar, BESS, and Natural Gas Projects:

##### **4.5.1 Wind and Solar Projects:**

- The Bid Price shall be on an “as available” per MWh basis with no separate capacity payment.
- Bid Price must be a fixed, non-escalating, “all-in” around-the-clock Price (\$/MWh) for the entire term of the agreement commencing on January 1, 2028, or January 1, 2029.
- 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.

##### **4.5.2 BESS Projects:**

- Pricing provided should be fixed (no escalation) for the proposed monthly capacity payment. An additional bid may be submitted if Bidders desire to propose an alternate pricing structure.
- Pricing must include all capital costs, fixed and variable O&M costs, taxes, and any other costs, as well as any Federal Tax Credit benefits,

associated with delivering the full contracted output of the facility to the bid-specified Point of Delivery.

- The Company requires the right to dispatch the storage resource at its discretion (within operating limitations) and for the benefit of its customers.

#### 4.5.3 Natural Gas Projects:

- Pricing provided should be fixed (no escalation) for the proposed monthly capacity payment, while pricing for variable O&M should clearly state the assumed annual escalation. For start charges, Bidders must clearly state the proposed pricing structure (e.g., cost for each charge; a certain minimum threshold of charges included in base pricing, with a cost for each charge above the threshold, etc.). For gas charges, Bidders must clearly state its assumption regarding gas supply as well as the various cost components of gas charges, including: transportation fee, management fee, fuel index, and total delivered price formula capturing each of the aforementioned elements (e.g., Heat Rate x (Fuel Index + Transportation + Mgmt).
- 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.
- Bidders are encouraged to submit multiple Proposals with different size (MW) tranches from each natural gas Project facility (if feasible) in order to provide the Company with sizing options.

- 4.6 Proposals that include a buyout option for SWEPCO to purchase the Resource at the end of or prior to the end of the PPA term and a first right to purchase the Resource should the bidder elect to sell the Resource are preferred.
- 4.7 All costs associated with transmission interconnection and interconnection facilities required for the Project, including any system upgrades, as required by SPP up to the Point of Delivery, shall be included in the Bidder's pricing where appropriate under current FERC orders and rulings.
- 4.8 The Bid Price shall include any costs associated with meeting the credit requirements stated in the Form PPA Agreement (Wind, Solar) or PPA Term Sheet (BESS, Natural Gas).
- 4.9 Associated Attributes. For purposes of this solicitation, the sale of Bundled Products to SWEPCO under the long term PPA includes the transfer of all energy, capacity, ancillary services (if any), and environmental attributes (if applicable) 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.

- 4.10 Prices must be firm, representing best and final bid. Proposals and bid pricing must be valid for at least 120 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. SWEPCO reserves the right to revise this schedule at any time and at its sole discretion.

RFP Timeline		
Draft RFP Posted Online	11/29/2023	
Bidders Technical Conference	1/18/2024	
RFP Issued	1/31/2024	
Notice of Intent	2/15/2024	
Q&A Deadline	3/19/2024	
Proposal Due Date	4/03/2024	
Short-List Selection and Negotiation	7/24/2024	
Execute Definitive Agreements	1/24/2025	
File for Regulatory Approvals	2/25/2025	
Required Regulatory Approvals	3/05/2026	
Notice to Proceed	5/05/2026	
	2027 COD	2028 COD
Commercial Operation Date	No later than 12/31/2027	No later than 12/31/2028

- 5.2 Bidder Technical Conference. A Bidder Technical Conference (teleconference) was held on January 18, 2024. A copy of the conference presentation slides may be found at [swepc.com/rfp](http://swepc.com/rfp).
- 5.3 Notice of Intent. SWEPCO requests that Bidders provide a Notice of Intent (“NOI”) to SWEPCO by the Notice of Intent Date defined in the RFP Timeline (Section 5.1). The NOI shall include the project(s) name, agreement type (PSA, PPA, CPA) technology, location, size (MW), and SPP Queue number. The NOI should be emailed to the following address:

[SWEPCO2024RFP@aep.com](mailto:SWEPCO2024RFP@aep.com)

5.4 Bidders will be required to sign a Confidentiality Agreement (“CA”) prior to receiving the following documents:

- Instructions on Proposal submittal through RFP Box site.
- Form PPA (Wind, Solar) or Term Sheet (BESS, Natural Gas) (Appendix E)
- EnergyInputSheet\_2024.xls (Appendix H/I)
- Battery Storage Design Criteria Data Sheet\_2024 (Appendix J)
- Thermal Data Review Form\_2024 (Appendix K)
- Site, Environmental, and Wildlife Documentation Form (Appendix O)
- Construction Milestone Form (Appendix N)
  - Other Non-Price Factor Documentation (Appendix P)
  - Tax Credit Information Form (Appendix Q)

5.5 Bidders should request the Form CA by emailing [SWEPSCO2024RFP@aep.com](mailto:SWEPSCO2024RFP@aep.com) and including the following documentation:

- Resource Type (Wind, Solar, Battery, or Other)
- Proposal Type (PSA, PPA, or CPA)
- Supporting documentation of Bidder’s experience in developing, engineering, procuring equipment, constructing and commissioning similar electric generation facilities (> Project bid size) in the United States or any portion of Canada and/or otherwise have demonstrated appropriate experience
- Documentation that the Project is active in the SPP Queue Cluster 2021-001, or earlier; or is an operational resource
- Confirmation of Site Control as required by Section 3.11.1

5.6 The Company reserves the right to solicit additional information or Proposals and the right to request additional information from Bidders during the Proposal evaluation process.

5.7 Proposals must be complete in all material respects and be uploaded electronically to the RFP Box site no later than 3:00 p.m. CT (4:00 p.m. ET) on the Proposal Due Date. Proposals 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. Detailed instructions on how to submit Proposals will be provided upon signing a CA.

- 5.8 Proposals and Bid Pricing must be valid for at least 120 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 Selection.

## **6. Proposal Content**

Bidders must submit the following information for Proposals. All electronic versions of the Appendices shall be individual files. Proposal content shall be uploaded to the applicable Box folders and not reference other areas of the proposal even if the information is duplicative.

- 6.1 A completed Proposal Content Check Sheet.
- 6.2 A cover letter signed by an authorized representative of the Bidding Company with a statement of firm pricing for 120 days after the Proposal Due Date.
- 6.3 An executive summary of the Project's characteristics and timeline, including any unique aspects and benefits.
- 6.4 Completed Appendix A (Project Summary) including an electronic Project Summary Form (link to Smartsheet form in Box) and the following attachments:
- Interconnection Studies: Include a copy of ALL completed interconnection studies (i.e., System Impact Study, Facilities Study, etc.).
  - Bidder must provide documentation showing they have substantial experience in operating and maintaining a similarly powered (wind, solar, BESS, or natural gas, as applicable) electric generation facilities of an equal 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 such facilities, 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 three (3) years of experience in operating and maintaining electric generation facilities of a similar MW size or greater in the United States or any portion of Canada within the jurisdiction of NERC.
- 6.5 A Completed Appendix B (Proposal Bid Pricing)
- 6.6 A completed Appendix C (Bidder's Credit-Related Information and Bidder Profile) which shall include:
- The identity of all persons and entities that have a direct or indirect ownership interest in the Project.
  - Copies of the Annual Reports for the three most recent fiscal years and quarterly reports for the most recent quarter ended, if available.
  - At least three third-party references for Projects similar to those sought by the Company in this RFP.

- 6.7 Provide (i) an affirmative statement that Bidder is taking no exception to the Form PPA (Wind, Solar) or Term Sheet (BESS, Natural Gas) provided pursuant to this RFP; or (ii) a comprehensive list of exceptions to the terms and conditions contained in the applicable Form PPA or Term Sheet (Appendix E).
- 6.8 A completed Appendix H (Wind Resource Information) for Wind Resources.
- 6.9 A completed Appendix I (Solar Resource Information) for Solar Resources.
- 6.10 A completed Appendix J (BESS Resource Information) for Storage Proposals.
- 6.11 A completed Appendix K (Natural Gas Resource Information) for Natural Gas Proposals.
- 6.12 A completed Appendix L (Finance Plan): Bidder shall submit a Finance Plan on a separate form. Bidders must provide a proposed financing plan, including any letters of support, previous correspondence with banks / lenders intending to provide financing for the project. Also provide the proposed on-going debt-equity ratio to be carried by the project during construction and operation.
- 6.13 A completed Appendix M (Site Control Documents).
- 6.14 A completed Appendix N (Construction Milestones)
- 6.15 A completed Appendix O (Site / Environmental / Wildlife Information) including the following attachments:
- Site, Environmental, and Wildlife Review Form.
  - Site Boundary and Site Layout: Include a diagram or map identifying the boundary with anticipated placement of major equipment and other project facilities, including transmission layouts and Point of Delivery.
  - 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: Summary of all environmental and other reports associated with the site.
- 6.16 A completed Appendix P (Other Non-Price Factor Documentation Form).
- 6.17 A completed Appendix Q (Tax Credit Information). For all Proposals other than Natural Gas, a detailed description of how Projects intend to qualify for full (100%) PTC or full (30%) ITC under the Inflation Reduction Act of 2022 (IRA).



6.18 PPA bids for Operational Resources must also include all of the information listed in Appendix R.

## **7. RFP Proposal Evaluation**

Proposals must include all applicable content requirements as described in Section 6. SWEPCO will consider bids that are reliable, feasible, and represent a reasonable cost means of satisfying the requirements of this RFP. The Evaluation Process, which includes three main steps, is central to the success of SWEPCO's RFP process.

Section 7.1: Eligibility and Threshold Requirements

Section 7.2: Detailed Analysis (Economic and Non-Price)

Section 7.3: Short-List Selection

7.1 Eligibility and Threshold Requirements: If the Bidder does not qualify under any one of the Sections 7.1.1 – 7.1.12, the Bidder will not qualify for this RFP and will be notified accordingly.

7.1.1 Proposal must be for a PPA (Section 2.2) for a Wind, Solar, BESS, or Natural Gas resource and include the Bundled Products outlined in Section 3.1.

7.1.2 Projects must have an Expected COD by 12/31/2027, or alternatively 12/31/2028 (Section 3.2). (Not applicable to Operational Resources)

7.1.3 Project must have a minimum nameplate rating of 20 MWac (Section 3.4).

7.1.4 Solar, BESS, and Natural Gas Projects must be located in the SPP portion of Arkansas, Louisiana, Texas, or Oklahoma *and* directly interconnected to AEP's transmission system. Wind Projects must be located in the SPP portion of Arkansas, Louisiana, Texas, Oklahoma, Kansas, or Missouri. (Section 3.7).

7.1.5 Bidder must have established Site Control (Section 3.11.1).

7.1.6 Project must be interconnected to SPP, be active in SPP Queue Cluster 2021-001 or earlier, and remain active in the queue process with the demonstrated ability to achieve commercial operation of any interconnection for the full output of the Project by the Commercial Operation Deadline (Section 3.12). (Not applicable to Operational Resources)

7.1.7 Proposals must include a Bid Price for a 20-year Term for Wind, Solar, and BESS resources and a 15-Year Term for Natural Gas resources. Bidders may include Proposals with alternate Terms (Section 4.4).

- 7.1.8 The Bid Price must meet all of the requirements for the specific resource as outlined in Section 4.5.
- 7.1.9 Bidder or its affiliates must have completed the development, engineering, equipment procurement, and construction of a project, within the United States or Canada, of the same technology type, and of a size comparable to that of the Bidder's proposed Project and/or have demonstrated appropriate experience (Section 6.4).
- 7.1.10 Bidder's exceptions to the Form PPA (Wind, Solar) or Term Sheet (BESS, Natural Gas) must be complete and, considered individually or in the aggregate, minimally acceptable to the Company as a basis for further discussions. If exceptions are not provided, the Bidder should include an affirmative acknowledgement that the Form PPA or Term Sheet is acceptable to the Bidder. SWEPCO reserves the right to disqualify any Bidder that provides an incomplete list of exceptions (for example, by noting that the Bidder's exceptions list has not been reviewed by certain commercial, functional or legal reviewers and may be supplemented with additional exceptions on further review) (Section 6.7).
- 7.1.11 Resource Information: Bidder must submit all required Resource Information listed in Appendix H (Wind), Appendix I (Solar), Appendix J (BESS), and Appendix K (Natural Gas) for the proposed resource type (Sections 6.8-6.11).
- 7.1.12 Bidder is required to include requested financial information (Appendix C) so that AEP's credit department can conduct a financial wherewithal assessment. Bidders are required to verify that any costs associated with meeting the credit requirements are included in the submitted Bid Price (Appendix B).
- 7.2 Detailed Analysis: Proposals meeting the Eligibility and Threshold Requirements in Section 7.1 will move to the Detailed Analysis phase which is comprised of the Economic Analysis and the Non-Price Factor Analysis set forth below. The Economic Analysis will constitute 60% and the Non-Price Factor Analysis will constitute 40% of the overall evaluated value of each Proposal in the Short-List Selection process.
- 7.2.1 Economic Analysis (60%): The Economic Analysis will include the calculation of three financial metrics which will provide multiple perspectives on cost and value, including:
- Levelized Adjusted Net Cost of Energy (LANCOE),
  - Levelized Adjusted Net Cost of Capacity (LANCOC), and
  - Value to Cost (V/C) Ratio.

LANCOE and/or LANCOC will be the primary ranking for projects of a specific generation type (e.g., wind, solar, etc.). The consideration of each will be based on the nature of the project as predominantly providing energy or capacity value or some comparable amount of each.

V/C Ratio will be the primary ranking metric for comparing across different generation types. The Economic Analysis will constitute 60% of the overall evaluated value of the Proposal in its Short-List Project Selection. Additional details of the three financial metrics described above are as follows with supporting definitions below:

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

$$\text{LANCOC} \quad (\$/\text{MW-Day}) = \frac{\text{Total Cost (\$)} - \text{Total Value (\$)}}{\text{Present Value of Projected SPP Accredited Capacity (MW)}}$$

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

### **Definitions**

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

For PSA Proposals, this Total Cost calculation is based on a PSA Proposal's Bid Price (\$M) plus projected operations and maintenance costs (including land lease costs), fuel expense, Transmission and Congestion costs, tax expenses, decommissioning costs (including expected salvage), terminal value, and applicable federal tax credits.

**Total Value:** The Company will determine the present value of all the value streams of each qualifying Proposal. The value streams include the expected SPP revenues for the Proposal's energy and ancillary services, the expected value of renewable energy certificates (RECs), capacity value, and any applicable terminal value. Additionally, other value streams and financial metrics may be included based on the Company's discretion to appropriately evaluate each Proposal to ensure the Company is comparing all qualifying Proposals on an equivalent basis.

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

***SPP Accredited Capacity:*** SPP Accredited Capacity shall be computed by adjusting a qualifying Proposal's applicable nameplate or contracted capacity by the forecasted adjustments that are used, or are expected to be used, by the SPP RTO to determine the number of MW that the Company will be credited for use in meeting applicable capacity obligations. These adjustments will include, but are not limited to, summer and winter Effective Load Carrying Capability (ELCC) adjustments and forced outage rate adjustments.

7.2.2 Non-Price Analysis: SWEPCO will consider all applicable factors including, but not limited to, the following factors to determine the viability of the Proposal.

- Location and Economic Benefits. The Company will evaluate the location of a project and preference will be given to projects located in the Arkansas, Louisiana, or Texas. This factor will include a review of the economic benefits to local governments and businesses, including local property and sales tax benefits, local job creation, and the use of contractors based in Arkansas, Louisiana, or Texas.
- Dispatchability and Flexibility. The Company will evaluate projects, if applicable on factors such as dispatch capability, dispatch range, ramp rates, maximum operational hours, minimum run time, minimum down time, ancillary service potential.
- Resource Diversity, Cost Risk, and Technology. The Company will evaluate projects on factors including, but not limited to, resource diversity, firm fuel cost requirements, operations and maintenance costs, storage charging costs, performance-based accreditation risks.
- Proposal Risk and Project Quality. The Company will evaluate projects on asset-specific benefits and risks, developer experience and financial wherewithal, exceptions to the Company's Generation Facility Design Standards, exceptions to the Company's form agreements (PSA/PPA/Term Sheet), interconnection status, and development status (site control; permitting, studies and zoning; project timing; supplier and contractor arrangements; community support and relations).

- Social Benefits and Risk. The Company will review and evaluate the following: 1) the developer's understanding of the community's demographics and, in particular, if a project is located in a disadvantaged community, 2) the developer's project stakeholder engagement plan to educate/engage the community and address environmental impacts and other concerns, 3) the developer's plan to maximize project benefits such as, but not limited to, the developer's plan to use small and diverse suppliers ([AEP Supplier Diversity](#)) and subcontractors, and the extent to which replacement generation supports communities that are experiencing other generation retirements.

7.3 Short-List Selection: SWEPCO will consider bids that are feasible and represent a reasonable cost means of satisfying the requirements of this RFP. Based on the results of the Detailed Analysis described above in Section 7.2, the Company will determine which Projects will be included in the Short-List Selection while also taking into consideration previous state commission orders in each of SWEPCO's jurisdictions. The Company will notify Bidders whether or not their Proposal has been selected and negotiation of definitive agreements will commence with Bidders whose Proposals have been selected.

Shortlisted bidders are not guaranteed award of a contract. An awarded PPA is subject to final negotiations of a definitive agreement. SWEPCO anticipates that fewer contracts will be executed than the number of Shortlisted bids.

SWEPCO reserves the right to disqualify any Shortlisted Bidder that provides a marked Form PPA (Wind, Solar) or Term Sheet (BESS, Natural Gas) that materially departs from their previously submitted exceptions list (see Section 7.1.10).

## **8. Reservation of Rights**

A Proposal will be deemed accepted only when the Company and the successful Bidder have executed a definitive Power Purchase Agreement. 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 of its regulatory filings.

## **9. Confidentiality**

SWEPSCO 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. SWEPCO reserves the right to release any Proposals to agents or consultants for purposes of Proposal evaluation. SWEPCO'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, SWEPCO and AEPSC will make reasonable efforts to protect Bidder's confidential information.

## **10. Bidder's Responsibilities**

- 10.1 It is the Bidder's responsibility to submit all requested material by the deadlines specified in this RFP.

- 10.2 The Bidder should make its Proposal as comprehensive as possible so that SWEPCO may make a definitive and final evaluation of the Proposal's benefits to its customers without further contact with the Bidder.
- 10.3 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.
- 10.4 The Bidder will be responsible for any expenses Bidder incurs in connection with the preparation and submission of a Proposal and/or any subsequent negotiations regarding a Proposal in response to this RFP. SWEPCO 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 SWEPCO at its sole discretion.

## **11. Contacts**

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

[SWEPCO2024RFP@aep.com](mailto:SWEPCO2024RFP@aep.com)

## **Appendices**



## Appendix A (PPA)

### 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.		
<i>Additional company information to be provided in Appendix C – Bidder's Credit-Related Information and Profile</i>		

#### ***General Project Information***

Project Name:	
Project Type: (e.g., Wind, Solar, BESS, NG Simple Cycle, Combined Cycle, etc.):	
New or Operational?	
Project site located (County, State):	
SPP Queue Cluster #:	SPP Queue #:
Expected Commercial Operation Date:	
Percentage of Federal Tax Credit that the Project will quality for:	%
Design Life (Years); if an Operational Resource, also include estimated remaining useful life:	
Bidder confirms that it has substantial Project site control	(Y/N):
Is the Proposal for 100% of the asset? (Y/N) If No, what percentage?	%

***Bidders are requested to delete the Project Information sections below that are not applicable to their resource when submitting their Proposal.***

### ***Wind Project Information***

Wind Turbine Manufacturer:	Model:
Wind Project Nameplate (MWac):	Design Life (Yrs.):
Number of Turbines:	Remaining Useful Life if Operational (Yrs.):
Independent Wind Resource Study Included (Y/N):	Source of Independent Wind Resource Study:
Turbine Specific Site Suitability Report completed & included in Proposal?	(Y/N)
Does the Turbine have a Cold Weather Package Included?	Y/N)
Expected Annual Energy (MWh):	Capacity Factor (%):
	Expected Annual Availability (%)
Year 1 Expected Annual Energy (MWh) <sup>1</sup> :	Year 1 Capacity Factor (%) <sup>1</sup> :
<i>Note 1: Year 1 production data is required to account for potential lower Year 1 production due to routine maintenance associated with the break-in period.</i>	
<i>Refer to Appendix H (Wind Resource Analysis/Study) for additional wind information requested.</i>	

### ***Solar Project Information***

Module Manufacturer / Model:	
Manufacturer's Degradation Warranty Specifications: Year 1 Degradation (%): Post-Year 1 Degradation (%): Annual Degradation (%): <i>If more than one module is contemplated, indicate the model with the highest degradation percentage. Add amplifying details, if necessary.</i>	
Configuration (Fixed Tilt / Single Axis):	
Inverter Manufacturer / Model:	
Tracker Manufacturer / Model:	
Solar Project Nameplate (MWac): Solar Project Nameplate (MWdc): Solar Project Capacity Factor (%):	Expected Annual Availability (%):

Solar report / analysis (e.g., PVSyst) completed and included in Proposal?	(Y/N):
<i>Additional Solar Project information to be provided in Appendix I – Solar Resource Information</i>	

### ***BESS Project Information***

BESS Resource Description:			
Duration (Hours):			
Economic Life Assumption (Years):			
Project Capacity Values, MWac	Nameplate Rating	Winter Rating	Summer Rating
Will the Battery have the capability to be charged by the wind energy resource, the electric grid, or both?			
<i>Additional BESS Project information to be provided in Appendix J – BESS Resource Information</i>			

### ***Natural Gas Project Information***

Fuel Type (Primary / Secondary):			
Project Capacity Values, MWac	Nameplate Rating	Winter Rating	Summer Rating
<i>Additional Natural Gas Project information to be provided in Appendix K – Natural Gas Resource Information</i>			

***Interconnection (SPP)***

SPP Queue #:		Substation Name / Voltage:	
Feasibility Study Complete (Y/N):		Feasibility Study Report Date:	
System Impact Study Complete (Y/N):		System Impact Study Report Date:	
Facilities Study Complete (Y/N):		Anticipated Facilities Study Completion Date:	
Total Network Upgrade Costs (including Affected System Network Upgrade Costs) Allocated to Project from System Impact Study or Facilities Study if completed:			\$
Total Direct Interconnection costs from System Impact Study or Facilities Study if completed:			\$
Point of Interconnection with:			
Types of transmission service (NRIS, ERIS)			
SPP Interconnection Status including description of any communication with SPP.			
<i>Please attach a copy of all interconnection studies and/or the expected completion date(s).</i>			

***Site***

Site Legal Description:		
Address:		
City:	State:	Zip Code:
County	Longitude:	Latitude:
Site Control (lease, own, site purchase pending, etc.):		
Site Acres:	Acres Under Site Control (%)	
Is there potential for expansion (Y / N):		If Yes; acres available:
Have you contacted all required permitting agencies regarding this project and identified all necessary permits?		
<b>Permits</b>		
Local (County, City, etc.) (Y / N):		
State (Y / N):		
Federal (Y / N):		
Wildlife Resources (Federal, State, etc.) (Y / N):		
Other (Y / N):		

What is the current status of Bidder's FAA permitting process? Has the project been issued Determination of No Hazard? (For the entire project? For a portion of the project? If so, when is the expiration date?)	
How many acres of forest need to be cleared to accommodate the development of the Project?	
<i>Additional Site information and Form to be provided in Appendix O – Site, Environmental, and Wildlife Information.</i>	

***Projects Completed of the Same Technology Type***

Provide a summary of all projects of comparable size that Bidder has successfully developed and completed in the United States or Canada. For each project, describe the Bidder's specific role in the project (provide in a separate attachment, if necessary).			
Project	Location	MWac	Bidder's Role
Total MWac =			

## Appendix B

### PPA Proposal Bid Pricing

<b>Project Name:</b>	
<b>Developer:</b>	
<b>Resource Type: (Wind, Solar, BESS, NG)</b>	
<b>Is Project “New” or “Operational”</b>	
Does the Bid Price include all costs necessary to meet the credit requirements outlined in Appendix E (Form PPA) (Y or N)?	
<b>Proposal Type:</b>	PPA

Wind or Solar Base Proposal				
Expected COD by	PPA Term	Expected Annual Energy (if solar, year 1)	Capacity Factor (if solar, year 1)	Bundled Price \$/MWh
				\$
Alternate Wind or Solar Proposal (Not Required)				
Expected COD by	PPA Term	Expected Annual Energy (if solar, year 1)	Capacity Factor (if solar, year 1)	Bundled Price \$/MWh
				\$

BESS Base Proposal				
Expected COD by	PPA Term	Maximum Annual Cycles	Capacity Payment (\$/kW-month)	Alternative Proposed PPA Price Structure
				\$
Alternate BESS Proposal (Not Required)				
Expected COD by	PPA Term	Maximum Annual Cycles	Capacity Payment (\$/kW-month)	Alternative Proposed PPA Price Structure
				\$

Natural Gas Base Proposal				
Expected COD by	PPA Term and Expected Annual Energy	Capacity Payment (\$/kW-month)	Non-Fuel Variable O&M Charge	Start Charges
				\$
<i>Bidders are encouraged to submit multiple Proposals with different size (MW) tranches from each natural gas Project facility (if feasible) in order to provide the Company with sizing options.</i>				
Fuel Charge Information				
Please provide the applicable Platts Gas Daily index (and a typical market adder or discount) that is used to calculate the gas price, which is then used to determine the offer price of the unit to the RTO (Example: Enable Gas, East + \$0.10 per MMBtu).				
Please provide the equation used to calculate the Daily Gas Price; include any applicable variable costs that are used in the development of the unit offer. Example (for simplicity, assume that the commodity price is \$3.00 per MMBtu): Commodity Price: \$3.00 per MMBtu; Retainage: 2.132%; PAL/Overrun: \$0.3708 per MMBtu; FERC ACA: \$0.0014 per MMBtu $(\$3.00 \text{ per MMBtu} / (1 - 0.02132)) + \$0.3708 \text{ per MMBtu} + \$0.0014 \text{ per MMBtu} = \$3.44 \text{ per MMBtu}$				
Please provide detailed line-item list of the non-fuel O&M charges and any other charges that would be billed for the operation of the plant.				
Are there any fixed transportation charges (Yes/No)? If Yes, are they included in the Fixed Capacity Payment above?				
Are there any other fixed charges (Yes/No)? If Yes, are they included in the Fixed Capacity Payment above?				
Alternate Natural Gas Proposal (Not Required)				
Expected COD by	PPA Term and Expected Annual Energy	Capacity Payment (\$/kW-month)	Non-Fuel Variable O&M Charge	Start Charges
				\$

## 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. Moody's:
Bank References & Name of Institution:
Bank Contact: Name: Title: Address: City: Zip Code: Phone Number:
Legal Proceedings: As a separate attachment, please list all lawsuits, regulatory proceedings, or arbitration in which the Bidder or its affiliates or predecessors have been or are engaged that could affect the Bidder's performance of its bid. Identify the parties involved in such lawsuits, proceedings, or arbitration, and the final resolution or present status of such matters.
Financial Statements: Please provide copies of the Annual Reports for the three most recent fiscal years and quarterly reports for the most recent quarter ended, if available. If available electronically, please provide link.
Ability to Post Collateral and Raise Capital: Please provide a narrative describing the Bidders' ability and plan to both post collateral and raise capital to facilitate the development and construction of the project.



## Bidder Profile

Please list Bidder's Affiliate companies:

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

Please identify all persons and entities that have a direct or indirect ownership interest in the Project

*Please attach a summary of Bidder's background and experience in the development of projects of the same technology as the proposed project.*

### 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**

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## **Appendix E**

### **Form PPA and Term Sheet**

*See Section 5.4 for instructions to obtain the Form PPA (Wind, Solar) or Term Sheet (BESS, Natural Gas)*

## **Appendix F**

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## **Appendix G**

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## **Appendix H**

### **Wind Resource Information**

*Bidder must include an 8760 calendar year hourly energy forecast (P50), net of all losses using the Company's form spreadsheet (See Section 5.4 for instructions to obtain the EnergyInputSheet\_2024.xls)*

## **Appendix I**

### **Solar Resource Information**

*Bidder must include an 8760 calendar year hourly energy forecast (P50), net of all losses using the Company's form spreadsheet (See Section 5.4 for instructions to obtain the EnergyInputSheet\_2024.xls)*

## **Appendix J**

### **BESS Resource Information**

*See Section 5.4 for instructions to obtain the document identified below:*

1. Bidder must populate the data required in the Company's following document:
  - Battery Storage Design Criteria Data Sheet\_2024
2. Bidder must provide degradation curves and detailed information on overbuild / augmentation schedules.



## **Appendix K**

### **Natural Gas Resource Information**

*See Sections 5.4 for instructions to obtain document identified below:*

1. Bidder must populate the data required in the Company's following document:
  - Thermal Data Review Form\_2024 to include Bidder's planned interconnections to mainline natural gas pipeline infrastructure (see Section 5.4 for instructions to obtain this document).

## **Appendix L**

### **Financing Plan**

*Bidder to include a description of its financing plan.*

## **Appendix M**

### **Site Control Documentation**

*Attach a copy of all leases, easements, or other ownership documentation.*

## **Appendix N**

### **Construction Milestones**

*Please complete the Construction Milestone Estimates for the applicable resource (form included in Appendix N box folder).*

## Appendix O

### Site Details / Environmental / Wildlife

1. Bidder must populate the data required in the Company's "Site Environmental Wildlife Review Form" document (*See Sections 5.4 for instructions to obtain*).
2. Bidder must include the following attachments (referenced to Appendix O)
  - a. Site Layout: Attach a diagram identifying anticipated placement of major equipment and other project facilities, including transmission layouts and Point of Delivery.
  - b. Project boundary (.kmz (preferred) or shape files *and* a pdf on USGS topographic map).
  - c. Permit Matrix: List and describe all city, county, state and federal permits required for this project. Include: status, duration, planned steps, any known mitigation requirements, critical milestones, and timelines.
  - d. Environmental Report Summary: The initial Proposals shall include a summary of all environmental studies, reports and agency meetings associated with the Project. (See below for potential reports to summarize, include data summaries, results and findings)
  - e. Site Control: Verify site control and reference documentation is provided under Appendix M.
3. Please attach any reports providing environmental information specific to the project, including but not limited to, the following reports as available:
  - a. Critical Issues Analysis
  - b. Site Characterization Assessment and Reports
  - c. Environmental Work / Survey Plan
  - d. Federal / State Rare, Threatened, or Endangered Species Assessments and Surveys
  - e. Bat Acoustic Survey Report
  - f. Avian Use Survey Report
  - g. Raptor Nest Survey Report
  - h. Prey-base Survey Report
  - i. Eagle Risk Assessment Report
  - j. Wetland and Waters Delineation / Assessment Report
  - k. Phase I Environmental Site Assessment Report
  - l. Historical and Cultural Resource Survey / Assessment Report
  - m. All Other Environmental Resource Surveys, Assessments, and Study Reports
  - n. Record and Notes of all Federal and/or State Resource Agency Correspondence and Meetings
  - o. Environmental Justice Analyses
  - p. Aviation / FAA and Glare Studies
  - q. Radar Study
  - r. Noise and Shadow Flicker Study
  - s. Associated Project Infrastructure and Environmental Resource Shapefiles (.kmz format)
  - t. Bird and Bat Conservation Strategy and Eagle Conservation Plan (if available)

## **Appendix P**

### **Other Non-Price Factor Documentation**

*See Section 5.4 for instructions to obtain the form identified below:*

1. Bidder must populate the data required in the Company's "Other Non-Price Factor Documentation Form."

## **Appendix Q**

### **Tax Credit Information**

*See Section 5.4 for instructions to obtain the Tax Credit Documentation Form.*

1. Bidder must populate the data required in the Company's "Tax Credit Information Form" for all non-Natural Gas Proposals.

## Appendix R

### Operational Resource Information

*In addition to the other appendices, Operational Resources are required to upload all of the historical Operational Resource information listed below into the Appendix R Box folder:*

#### Operational Resources

Historical operational information over the last 5 years (or less if commercial operation was more recent), including:

- Production data (8760) and availability as well as downtime issues and outlook
- Congestion and curtailment
  - Environmental, Safety issues and violations
  - NERC violations and resolution
  - Major scheduled and unscheduled maintenance matters as well as resolution
  - Community relations / external affairs issues
  - Detailed annual operations budgets, including forecasted v. actual
- Environmental and permitting summary
- List and description of any outstanding legal matters
- Facility Site Plan and General Arrangement
- List of all warranties
- Staffing
- Summary of material contracts (interconnection agreement, operations & maintenance agreements, etc.) and confirmation that the project is in compliance with all such contracts, including land leases
- Confirmation of whether the project holds firm transmission service and, if applicable, gas transportation capacity and gas supply
- Property tax abatements and/or payments in lieu of taxes
- Commercial operation date

#### Repower Projects

In addition to the Operational Resource requirements above, include detailed information regarding the repower plan, including detailed scope, schedule, any IE Reports, future major maintenance, warranties of replaced equipment. In addition, populate and update below table.

Component	Replace		Reuse	
	Yes / No	Useful Life	Yes / No	Remaining Life
Nacelle				
Rotor				
Blade				
Hub				
Variable Pitch System				
Bearing & Main Shaft				
Gearbox & Oil Cooler				
Generator				
Towers				
Foundation				
[Other]				



## PPA Proposal Content Check Sheet

Item	Mark Complete and Included "X"
Cover Letter with Statement of Firm Pricing	
Executive Summary	
Appendix A (PPA)	
▪ Completed Electronic Summary Form (Link in Box Site)	
▪ Interconnection Studies	
Appendix B (Bid Pricing w Statement of Firm Pricing for 120 days)	
Appendix C (Bidder's Credit Information and Profile)	
▪ Company Financials	
Appendix D (Intentionally Left Blank)	
Appendix E (Exceptions to Form PPA/Term Sheet or affirmative acknowledgement that the Form PPA or Term Sheet is acceptable to the Bidder)	
Appendix F (Intentionally Left Blank)	
Appendix G (Intentionally Left Blank)	
Appendix H (Wind Resource Information)	
▪ EnergyInputSheet_2024 (8760)	
Appendix I (Solar Resource Information)	
▪ EnergyInput Sheet_2024 (8760)	
Appendix J (BESS Resource Information), if applicable	
▪ Battery Storage Design Criteria Data Sheet_2024.xlsx	
▪ Degradation Curve(s) and Overbuild / Augmentation Information	
Appendix K (Natural Gas Resource Information), if applicable	
▪ Thermal Data Review Form_2024	
Appendix L Financing Plan	
Appendix M Site Control Documentation (Leases and other Site Control Documents)	
Appendix N (Construction Milestones)	
Appendix O (Site / Environmental / Wildlife)	

▪ Site_Environmental_Wildlife Review Form	
▪ Site Layout	
▪ Site Boundary	
▪ Permit Matrix	
▪ Environmental Report Summary	
Appendix P (Other Non-Price Factor Documentation)	
▪ Other Non-Price Factor Documentation Form	
Appendix Q (Tax Credit Information)	
▪ Tax Credit Information Form	
Appendix R (Operational Resources Information)	

Please provide an explanation/reason below for any information not checked off and included in the Proposal: