

2024 SWEPCO RFP Questions & Answers



Posted 3/25/2024

Question #37 (Mattison): Would you accept proposals that involve assuming the use of adjacent parcels not owned by AEP?

Answer: SWEPCO requires all Bidders to provide a base proposal using the SWEPCO land identified. However, SWEPCO is receptive to an alternate proposal in addition to the base proposal provided that the Bidder provides verification of site control for any such outside parcels.

Question #36 (Mattison): Is the developer expected to undertake any real estate-related activities, such as title work, mineral rights management, and obtaining permits?

Answer: Any title work or mineral rights management with the existing SWEPCO property are the responsibility of SWEPCO. All permits are the responsibility of the Bidder (Appendix S contains a permit matrix). There may be a leasing arrangement during the development of the project on Mattison land, but it would not involve mineral rights. Any real estate-related activities on property outside the Mattison footprint (as is contemplated in Question 37) would be the responsibility of the developer until closing.

Question #35 (Mattison): Can you share AEP's strategy to interconnect the project? Is it a surplus interconnection request? What was the timeline given by SPP to complete the process? Also, can you provide background on how the POI will have 210 MWs of additional injection capacity available?

Answer: Interconnection of a new battery storage project will be via a surplus power application. SWEPCO will manage this process and it will occur prior to NTP. The timeline for this process is less than a year.

Question #34 (Mattison): We are assuming a 03/05/2026 regulatory approval, can you confirm this is accurate for the Mattison BESS project?

Answer: Yes. The plan for regulatory approval is not different for Mattison.

Question #33 (Mattison): What are the line relaying requirements? We could assume GE-L90 and SEL-311L from the one- lines but wanted to confirm.

Answer: Relay requirements include primary and secondary for line protection. GE-L90 and SEL-311L are both acceptable relay models.

Question #32 (Mattison): Are there specifications that the project substation needs to be built to?

Answer: It is the Bidder's responsibility to provide the substation construction specification and for AEP/SWEPCO to review. AEP's transformer specification is provided in GEN 4570.

Question #31 (Mattison): Is there a POCO pole that we'll land our 161kV line?

Answer: The 161kV line will land at the pole shown in drawing "E-100 Matt_Sub_POI", which was included in Appendix S of the RFP.

2024 SWEPCO RFP Questions & Answers



Posted 3/13/2024

Question #34 (Mattison): What part of Appendix O is applicable to Mattison PSA Bids?

Answer: The Bidder is responsible for their own environmental due diligence and permitting for the Mattison Project, and they should consider that to be part of the scope. The rezoning that is required will be SWEPCO's responsibility (see the Q&A #11 on the www.swepeco.com/rfp website).

SWEPCO has done preliminary due diligence and provided a permit matrix at Mattison located in Appendix S-E (Environmental). The Site_Environmental_Wildlife_Review Form is not required with the initial Mattison Proposal as those questions will in all likelihood be either N/A or TBD for Mattison. What SWEPCO is looking for in Appendix O for a Mattison Project is what studies the Bidder plans to perform, and what is their permitting strategy.

All other appendices should be uploaded to Box. For information that is clearly not applicable, please notate, "Not Applicable to this Mattison Project."

Question #33 (Mattison): Is there an updated timeframe on when the .kmz file might be available for Mattison (See Question #25)?

Answer: A .kmz file (Mattison BESS Project – Conceptual Areas.kmz) will be uploaded to Appendix S in the Box site today, or tomorrow. Survey and topographic .dwg files are already in Appendix S-B.

Question #32: What are the preferred file formats for the project boundary, layout, interconnection point and generation tie-line files?

Answer: SWEPCO has a strong preference that these types of files are provided in .kmz format, if possible.

Question #31: Information on operational projects is addressed in Appendix R of the PSA and PPA RFP. Is the Bidder required to upload all of the other appendices?

Answer: Yes. The Bidder should still upload all of the appendices, but for information that is clearly not applicable, please notate, "Not Applicable to this Operational Project."

Question #30 (Mattison): What should the setback be from the gas line at Mattison (above ground and buried)?

Answer: This question was TBD on 2/23/2024 (See Question #18).

Buried Gas Line: The ROW for the buried gas line owned and maintained by the gas company is 50' (25' both directions from center of pipe).

2024 SWEPCO RFP Questions & Answers

Above Ground Gas Line: For land availability purposes, Bidders are to assume a 30' setback from the above ground 12" pipeline contained within our fenceline with the burden of proof being placed on the EPC contractor to make the case to lessen that distance.

Question #29 (Mattison): What are the green pipes in field and in the Mattison plant's current laydown yard?

Answer: This question was TBD on 2/23/2024 (See Question #21).

The green pipes are the boundary of the gas yard. The current easement for the gas yard area is 300'x300' but the current fenced-in area is much smaller. SWEPCO is in discussions on modifying the easement to a smaller footprint. Bidder to assume buildable footprint provided within General Arrangements (layout) in Appendix S.

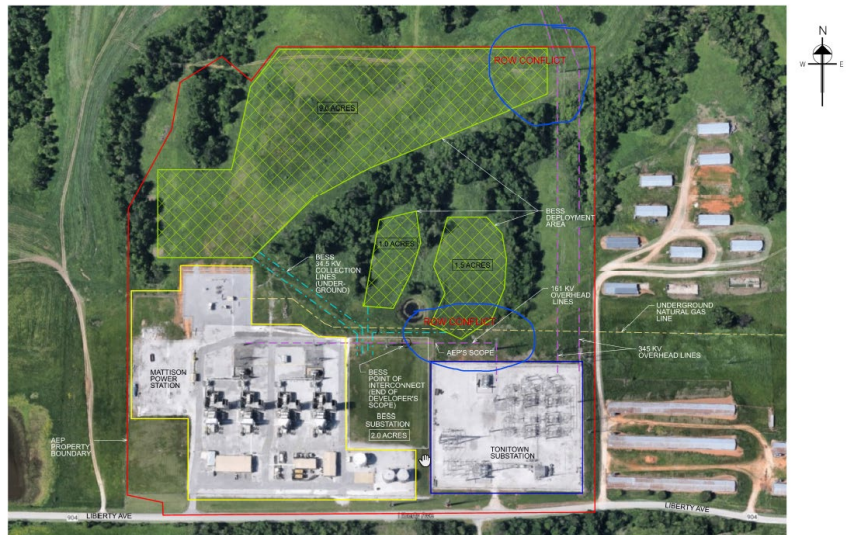
Question #28 (Mattison): What is the required clearance from the transmission lines to equipment for the Mattison Storage Project?

Answer: This question was initially TBD on 2/23/2024 (See Question #22).

As per the AEP ROW 161kv Easement attachment, the ROW for the North/South 161kv double circuit is 150'. The two circuits are 50' apart so the ROW clearance for each circuit would essentially be 100' (50' apart and 50' to the east and west). The East/West line coming into the plant has a 100'

ROW. The Mattison BESS ROW Conflict map has the areas highlighted that need adjusted to stay out of the ROW. The following documents will be added to the PSA RFP Appendix S:

1. AEP ROW 161 kV Easement.pdf
2. Mattison BESS ROW Conflict Map.pdf (Picture shown below)



PRELIMINARY FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION		REFERENCE: AEP'S CORPORATE INFORMATION ON SECURITY POLICY	SOUTHWESTERN ELECTRIC POWER COMPANY
DATE	NO.	DESCRIPTION	DATE
		PROCESSED BY THE PROPERTY OF THE AMERICAN ELECTRIC POWER SERVICE COMPANY AND IS LOANED TO YOU UNDER THE BATTERY ENERGY STORAGE SYSTEM (BESS) PROJECT. THIS INFORMATION IS FOR YOUR INFORMATION ONLY AND IS NOT TO BE USED FOR ANY PURPOSES WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE AEP SERVICE COMPANY. ANY INFORMATION IS RETURNED TO THEIR RESPECTIVE PARTIES TO BE RETURNED UPON REQUEST.	MATTISON PLANT SPRINGDALE, ARKANSAS BATTERY ENERGY STORAGE SYSTEM (BESS) GENERAL ARRANGEMENT

2024 SWEPCO RFP Questions & Answers

Question #27 (Mattison): Will the current laydown area (approximately 1.5-1.75 acres), west of the Mattison plant, be available for BESS development?

Answer: This question was TBD on 2/23/2024 (See Question #24).

Yes. This current laydown area will be available to the developer. The Bidder will be responsible for preparing an alternate laydown area for plant use. This alternate plant laydown area is approximately 15,000 sq. ft. (fabric and stone) with adequate drainage. See the yellow area in the picture below. This picture will be added to Appendix S.



Posted 3/1/2024

Question #26: For hybrid projects required to submit both 4-hour and 6-hour battery duration, are site layouts and single line diagrams required for both durations?

Answer (PPA RFP): Hybrid PPA Projects (i.e., Wind + BESS and Solar + BESS) are not required to submit both 4-hour and 6-hour durations, but it would be preferred. The 4-Hour and 6-Hour duration requirement is for stand-alone BESS Projects. A separate site layout and one-line would be required for each proposal.

Answer (PSA RFP): Hybrid PSA Projects (i.e., Wind/Solar Projects with a Storage Option Proposal; PSA RFP Section 3.6.1) must be for 4 hours of storage with a nameplate capacity that is at least 25% of the Wind/Solar facility. SWEPCO will also consider durations of 6 hours or longer. Stand-Alone BESS Projects (PSA RFP Section 3.6.3) must include options for both a 4-hours and 6-hour durations.

Question #25: Are the Mattison Site Layout related files available in .kmz format.? Are the survey and topographic files available as CAD drawings?

Answer: SWEPCO does not have the files in the requested format at this time. We will look into providing these formats at a later date.

2024 SWEPCO RFP Questions & Answers



Posted 2/23/2024

Questions #11- #24 below were submitted during the Mattison Site Visit on 2/20

Question #24 (Mattison): Will the current laydown area (approximately 1.5-1.75 acres), west of the Mattison plant, be available for BESS development?

Answer: This is currently being evaluated with the gas line setbacks (Question #18). A portion of the area will likely be available.

Question #23 (Mattison): Are there any special provisions required for working near/around the active Mattison plant (entrance, parking, deliveries, etc.)?

Answer: This will need coordinated, reviewed, and approved by SWEPCO closer to construction.

Question #22 (Mattison): What is the required clearance from the transmission lines to equipment for the Mattison Storage Project?

Answer: TBD—Response anticipated by 3/1/2024.

Question #21 (Mattison): What are the green pipes in field and in the Mattison plant's current laydown yard?

Answer: TBD—Response anticipated by 3/1/2024.

Question #20 (Mattison): Does SWEPCO want O&M incorporated into the Mattison Storage Project bids?

Answer: As per Appendix J of the PSA RFP, bidder must provide degradation curves and detailed information on overbuild / augmentation schedules. Additional detail is to be provided on the Battery Storage Design Criteria Data Sheet associated with Appendix J. If O&M packages/LTSAs are available, please provide.

Question #19 (Mattison): Is there a waterline, or water access, at the Mattison site?

Answer: There is a 4" water line tap available on the Mattison Plant property near Liberty Road. The picture below showing the water tap location at the Mattison site will be added to Appendix S of the PSA RFP.

2024 SWEPCO RFP Questions & Answers



Question #18 (Mattison): What should the setback be from the gas line at Mattison (above ground and buried)?

Answer: TBD—Response anticipated by 3/1/2024.

Question #17 (Mattison): How deep is the gas line buried at Mattison?

Answer: This Information is provided in Appendix S to the PSA RFP.

Question #16 (Mattison): Does the gas line show on the Mattison drawing?

Answer: The Gas line is shown on drawings provided in Appendix S to the PSA RFP.

Question #15 (Mattison): Can the usable area be extended into the tree/vegetation area at Mattison?

Answer: The developer is responsible for layout. The layout provided by SWEPCO is purely conceptual.

Note: the ground slope in the tree/vegetation area is steep. Developer to confirm.

Question #14 (Mattison): Can multiple sizing options be submitted for the Mattison Storage Project?

Answer: Yes. Section 3.7 of the PSA RFP states that Bidders are requested to propose a BESS facility up to 210 MW. 210 MW is the maximum, but SWEPCO is encouraging bidders to provide alternate and/or additional sizing options.

2024 SWEPCO RFP Questions & Answers



Question #13 (Mattison): Is SWEPCO looking for any specific battery duration at Mattison?

Answer: Yes. As detailed in Section 3.6.3 of the PSA RFP, 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.

Question #12 (Mattison): Are there any considerations for water retention or water runoff at Mattison?

Answer: The developer will be responsible for all water runoff and SWPPP plans and best management practices within the BESS facility footprint.

Question #11 (Mattison): What is the current zoning for the Mattison property?

Answer: The Mattison Plant property proper is currently zoned industrial. The northern portion of the property is currently zoned agriculture, but SWEPCO will take the responsibility to rezone the property.

Posted 2/16/2024

Question #10: Would a solar project that does not connect to AEP's transmission system be eligible for submission into this RFP?

Answer: No. A solar project that does not directly interconnect with SWEPCO's or AEP's transmission system would not meet the Eligibility and Threshold Requirements for the PSA or PPA RFP (Ref. Section 7.1.4 of the PSA and PPA RFPs).

Question #9: Will Solar + BESS (Hybrid) proposals for be accepted in the PPA RFP?

Answer: Yes. Solar + BESS (Hybrid) proposals will be accepted in the PPA RFP. SWEPCO prefers to see a Base PPA proposal with Solar/Wind only and provide the Solar/Wind + BESS as an additional optional proposal, but this is not required.

Posted 2/9/2024

2024 SWEPCO RFP Questions & Answers



Question #8: There appears to be a minor discrepancy in the Generic Natural Gas Specifications 418008-00355-00-EM-SPC-00001-R0 pdf document regarding whether Wet Compression should be included in the base price, or as an option.

In the section titled “Combustion Turbine New Generation Project” (page 1 of the pdf), section 2.1, “Overall Project Configuration” (page 3 of the pdf), it states:

The CTGs are intended for an outdoor installation (with metal acoustical enclosure provided by the OEM). Contractor shall provide CTGs with evaporative cooling and wet compression as part of the base bid for power augmentation.

In the section titled “Combustion Turbine-Technical Specification” (page 315 of the pdf), paragraph 1.2.1, “Optional Scopes” (page 323 of the pdf), subparagraph 7b, “Power Augmentation” (page 326 of the pdf), it states:

The Seller shall include a wet compression system with storage reservoir, high pressure pumping skid, interconnected piping and appurtenances, atomizing spray nozzles at the injection points for each Combustion Turbine Generator. The system will utilize demineralized water. The Seller shall identify the operating range and provide the details in the “Guaranteed and Expected Combustion Turbine Generator Performance”, 418008-00355-00-ME-DAS-00002 with and without wet compression in operation.

Answer: Wet Compression should be included in the **Base Price**.

Posted 2/2/2024

Question #7: We were unable to attend the Bidders Conference. Can you provide information on the Mattison Site Project?

Answer: The PSA RFP and the Bidders Conference presentation are both located on the website: [Energy Provider RFPs \(swepco.com\)](https://www.swepco.com). Click the “Learn More” button to get to the second page.

Slide 15 of the presentation discusses Mattison. The Proposal involves an approximate 210 MW BESS using SWEPCO-owned land and the existing POI at the plant. The PSA RFP goes into more detail.

A Confidentiality Agreement will be required for more detailed site information. Please see Section 5.5 of the PSA RFP for instructions on obtaining the Form CA.

Posted 1/29/2024

There were no questions during the week ending 1/26/2024.

2024 SWEPCO RFP Questions & Answers



Posted 1/22/2024

Questions #2 - #6 below were submitted during the Bidders Technical Conference on 1/18

Question #6: SPP's current interconnection Queue Study Schedule states that DISIS-2021-001 is scheduled to begin Facilities Studies by 10/21/24 with the 2022 and 2023 clusters to follow on 3/17/25 and 8/4/25 respectively. Given SWEPCO's procurement target allows for 2028 COD, is there any consideration for allowing these clusters?

Answer: See response to Question #2.

Question #5: Is the form Confidentiality Agreement available now? Or do we have to wait until the RFP is released on January 31 to obtain the CA form?

Answer: The Form CA is available now. Please refer to Section 5.5 of the PSA and PPA RFPs, and Section 5.3 of the CPA RFP for instructions on how to obtain the Form CA. These RFP sections will also inform the bidder what information is required when making a request.

Question #4: Does SWEPCO plan to arrange for NITS for the capacity associated with any PPA? Are estimated related transmission upgrade costs, if any, factored into the evaluation?

Answer: SWEPCO will evaluate the need for NITS, and if desired, would arrange for with SPP at its own expense. Estimated related transmission upgrade costs will be factored into the Economic Analysis of each proposal.

Question #3: Is there a number of MWs per generation type that SWEPCO is looking to contract?

Answer: No, there is not a specified number of MWs by generation type that SWEPCO is targeting. SWEPCO will evaluate each conforming bid across the three RFPs and any Self-Build proposal, individually and collectively, to determine the portfolio of projects that best fits SWEPCO's energy and capacity needs. Based on the Detailed Analysis (RFP Section 7.2), the Company will determine which Projects will be included in the Short-List Selection.

Question #2: The draft versions of the RFP mentioned "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." Does SWEPCO plan to maintain that same language / restriction on the final version of the RFPs? Thank you!

Answer: Yes, SWEPCO intends to use this queue cluster language requirement. A queue cluster requirement is consistent with past SWEPCO RFPs and is also identical language in affiliate Public Service Company of Oklahoma's current RFP. The requirement of a queue cluster date (or earlier) is to assure a bidder's proposal can meet the commercial operation date and has included a reasonable cost estimate in its proposal for interconnection and associated system upgrades.

2024 SWEPCO RFP Questions & Answers



Posted 1/12/2024

There were no questions during the week ending 1/12/2024.

Posted 1/5/2024

There were no questions during the week ending 1/5/2024.

Posted 12/29/2023

There were no questions during the week ending 12/29/2023.

Posted 12/27/2023

There were no questions during the week ending 12/21/2023.

Posted 12/15/2023

Question #1: We are curious what is the code for SWEPCO's LMP price node/load zone?

Answer: Area Code 520 is used to designate the AEP West load hub in SPP load flow models. For LMP settlement purposes code 10012 (AEPM_CSWS) is used for the AEP West Load Zone.