

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

KPSC Provide any documents from the Department of Energy (DOE) that
PHDR 1_1 discuss the \$51 million award, including but not limited to the email received on or around June 3, 2026, regarding the issuance of the award and any attachments thereto.

RESPONSE

Please see KPCO_R_KPSC_PHDR_1_1_Attachment1 for the letter received from the DOE. This letter was received via email on June 1, 2026.

Witness: Amy J. Elliott



NATIONAL ENERGY TECHNOLOGY LABORATORY
Albany, OR • Morgantown, WV • Pittsburgh, PA



June 1, 2026

SENT VIA ELECTRONIC MAIL

Scott Osterholt
Wheeling Power Company
ssosterholt@aep.com

SUBJECT: Selection of Application for Negotiation Under Broad Agency Announcement
Number DE-FOA-0003605, Restoring Reliability: Coal Recommissioning and
Modernization receiving Defense Production Act (DPA) funds

Dear Scott Osterholt:

We are pleased to provide this update on your application. The Hydrocarbons and Geothermal Energy Office (HGEO) within the Department of Energy (DOE) has completed its evaluation of your application submitted in response to the subject Broad Agency Announcement (BAA). The application below has been recommended by the Hydrocarbons and Geothermal Energy Office (HGEO) for negotiation of a financial award. (Note: This notification does not guarantee Federal Government funding, as funding will only be obligated upon completion of successful negotiations.)

Application/Project Title: *Mitchell Mechanical Draft Cooling Tower Modernization Project*
Principal Investigator: *Grant Patch*
Application Control Number: *3605-1510*

Receipt of this letter does not authorize you to commence with performance of the project. DOE makes no commitment to issue an award and assumes no financial obligation with the issuance of this letter. Selectees do not receive an award until award negotiations are complete and the Grants Officer executes the funding agreement. Only an award document signed by the Grants Officer obligates DOE to support a project.

The usual award negotiation process may take up to 180 days. You must be responsive during award negotiations (i.e., provide requested documentation) and meet the stated negotiation deadlines. Failure to submit the requested information and forms by the stated due date, or any failure to conduct award negotiations in a timely and responsive manner, may cause DOE to cancel award negotiations and rescind this selection. DOE reserves the right to terminate award negotiations at any time for any reason.

DOE has embargoed any public announcement of your selection until further notice. You must refrain from making any public announcements – through press releases, social media, or any other public communication platform – until DOE has made the selection announcement. At the time of the announcement, we will provide you with a link to the announcement and inform you that the embargo has officially been lifted via subsequent email. You will then be free (and encouraged) to announce your award publicly.

Wheeling Power Company

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June 1, 2026

Unique Entity Identifier

A Unique Entity Identifier (UEI) is required for all prime recipients and subrecipients. A UEI can be obtained from the System for Award Management (SAM) (<https://www.sam.gov>). Although registration in SAM.gov is not required for subrecipients, an award cannot be approved until all subrecipients have a valid UEI.

NOTE: Due to the high demand of UEI requests and SAM registrations, entity legal business name and address validations are taking longer than expected to process. Entities should start the UEI and SAM registration process as soon as possible. If entities have technical difficulties with the UEI validation or SAM registration process they should utilize the [HELP](#) feature on [SAM.gov](#). SAM.gov will work entity service tickets in the order in which they are received and asks that entities not create multiple service tickets for the same request or technical issue. Additional entity validation resources can be found here: [GSAFSD Tier 0 Knowledge Base - Validating your Entity](#).

Submission Requirements:

Please complete the following items in accordance with the instructions below and submit to the DOE Project Manager and Award Specialist identified in this letter, unless otherwise instructed.

Requirement	Instructions	Calendar Days Due (from Receipt of Letter)
Pre-Award Information Sheet (and all information requested within the document).	Prepare and submit. Available at https://www.netl.doe.gov/business/business-forms/financial-assistance .	21
Indirect Rate Agreement(s) for the Awardee and all Subrecipients	Submit, if applicable.	21
Participants and Collaborating Organizations	Prepare and submit the following: A. Individuals Provide the following information for individuals at the prime recipient and subrecipient level: (1) all senior and key personnel; (2) authorized representative of applicant with primary responsibility for business support (e.g., financial management, fiscal oversight, providing resources, award administration, etc.), if other than listed senior/key personnel, e.g., the Administrative Officer listed on the SF-424 Application; and (3) each person who has worked or is expected to work at least one person month per year on the project regardless of the source of compensation (a person	30

Wheeling Power Company

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June 1, 2026

	month equals approximately 160 hours of effort). i. Name ii. Organization iii. Job Title iv. Role in the Project v. Start and End Date (month and year) Working on the Project vi. State, U.S. Territory, and/or Country of Residence vii. Whether This Person Collaborated with an Individual or Entity Located in a Foreign Country in Connection with the Scope of this Award, and viii. If Yes to vii, whether the person traveled to the foreign country as part of that collaboration, and if so, where and what the duration of stay was. B. Organizations Identify all subrecipients, contractors, U.S. National Laboratories, partners, and collaborating organizations. Recipients must also include all foreign collaborators as outlined in the Foreign Collaboration Considerations term of the award Terms and Conditions. For each, provide name, UEI, zip code or latitude/longitude, role in the project, contribution to the project and start and end date.	
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Cybersecurity Plan Requirements and Submittal Instructions:

In accordance with the subject BAA, a Cybersecurity Plan must be submitted during award negotiations. The Cybersecurity Plan Template is located at this link: <https://www.energy.gov/ceser/bipartisan-infrastructure-law-implementation> under the provision titled, CYBERSECURITY PLAN (SEC 40126). Please select the *Medium Risk* template.

The Cybersecurity Plan is due no later than 30 calendar days from the date of this letter.

Instructions for Submission

Selectees will need to prepare two emails:

Email #1: Password protect the cybersecurity plan document and email it to CR-IJACybersecurityplans@hq.doe.gov. DOE program and financial assistance staff should not be copied on submittal of plan.

Wheeling Power Company

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June 1, 2026

Email #2: Send password for encrypted file to CR-IIJACybersecurityplans@hq.doe.gov.

DOE will contact you with details to attend a cybersecurity training, which is highly encouraged, but not required.

Please provide the requested documents to the attention of Karen Harting, who is the Award Specialist from the Finance and Acquisition Center handling the administrative portion of your application. Karen Harting can be reached at Karen.Harting@hq.doe.gov. Nicole Shamitko-Klingensmith is the DOE Project Manager from the Project Management Division handling the technical portion of your application and can be reached at nicole.shamitko-klingensmith@netl.doe.gov.

Sincerely,

A handwritten signature in black ink that reads "W. Ryan Simmons". The signature is written in a cursive, flowing style.

William Simmons
Grants Officer

cc: NOFO File
gjpatch@aep.com
zachary.roberts@netl.doe.gov

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

KPSC Provide a copy of the application, including any attachments, that was
PHDR 1_2 submitted and resulted in the \$51 million award from DOE, and any
 supplements thereto.

RESPONSE

Please see KPCO_R_KPSC PHDR_1_2_ConfidentialAttachment1 for the application filed with the DOE for the original grant described on page 14 of the Company Witness Wolfram's Direct Testimony (adopted by Company Witness Elliott). This grant application was also described during Company Witness Wolfram's hearing testimony in Case No. 2025-00175 and in the Company's response to KPSC PHDR-6 in Case No. 2025-00175. This application was utilized by the DOE to award funds under the Defense Production Act as described in the Company Witness Elliott's Rebuttal Testimony.

Witness: Amy J. Elliott

Control Number: 3605-1510

Prime Applicant Eligibility Certification

The prime awardee must meet the applicable eligibility requirements as defined for each Topic below.

Topic Area 1 – Coal Commissioning, Recommissioning, Retrofitting, and Modernization Projects

☐ I am the prime applicant and own or operate the coal-fired generation assets to be constructed or that are currently inactive or scheduled for retirement prior to January 1, 2032.

☒ N/A (I am not applying under this topic area)

Topic Area 2 – Rural Capacity and Energy Affordability Projects

☒ I am the prime applicant and own or operate the coal-fired generation assets to be newly constructed or are otherwise located in rural or remote communities as defined by IIJA §40103(c)(1).

☐ N/A (I am not applying under this topic area)

Name/Title: Scott Osterholt, Managing Director Federal Grants & Broadband	
Business Name: American Electric Power	
I, the authorized official named above, represent by my signature that I am authorized to certify this information on behalf of the Prime Applicant. I certify under penalty of perjury that the information contained herein is true, accurate, and complete. I understand that false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil, or administrative penalties for fraud, false statements, false claims or others. (18 U.S.C. 1001 and 287, and 31 U.S.C. 3729-.730 and 3801-.3812). I further understand and agree that (1) the statements made herein are material to DOE's eligibility and funding decisions, and (2) I have a responsibility to update this information immediately upon change.	
Signature and Date:	Signed by:  28CD8A2F40654AF 11/10/2025 11:46 AM EST



Construction Strategy and Permitting

Mitchell Mechanical Draft Cooling Tower Modernization Project

Site and Permitting Requirements

Wheeling Power Company (WPCo), in collaboration with Kentucky Power Company (KPCo) and Appalachian Power Company (APCo), all subsidiaries of American Electric Power (AEP), proposes to modernize the Mitchell Plant in the rural community of Moundsville, West Virginia. The proposed project will modernize the Mitchell Plant by installing a new, modern mechanical draft cooling tower, replacing the nearly 60-year-old natural draft “Unit 2” cooling tower currently in operation.

The construction strategy for the Mitchell Plant cooling tower upgrade is designed to ensure timely compliance with all federal, state, and local permitting requirements while supporting a safe and efficient construction process. AEP’s environmental team identified potential permits for the project. Possible required permits include:

Permit	Permitting Agency	Estimated Requirements	Review Duration	Estimated Date of Completion
Construction Stormwater General Permit for a Large Construction Activity (disturbing three or more acres)	West Virginia National Pollutant Discharge Elimination System (NPDES)	• Stormwater Pollution Prevention Plan (SWPPP) • Groundwater Protection Plan • Project drawings and topo map • Erosion and sediment (E&S) control plans • Pre- and post-closure drainage maps and calculations • Soil report	6-8 months	Q3 2026
Floodplain Permit	Marshall County	To be determined	6-8 months	Q3 2026
Air Permit	West Virginia Division of Air Quality	To be determined	12 months	Q3 2026

Table 1. Potential permit requirements

Submission dates will be coordinated with the overall project schedule to ensure permits are in place before construction begins. All documents will be prepared in accordance with regulatory guidance. WPCo will track permitting progress using Primavera P6 project management software and take corrective actions, such as providing additional information or revising plans, if permits are delayed or conditions change.

Project Title	Mitchell Mechanical Draft Cooling Tower Modernization Project		
Topic Area	Topic 2. Rural Capacity and Energy Affordability Coal Projects		
Applicant Name	Wheeling Power Company		
Applicant Entity Type and Explanation of Eligibility	Large Business, Utility - Coal-Fired Generation Facility		
Project Location(s)	8999 Energy Hwy, Moundsville, WV 26041-4218 1 Riverside Plaza, Columbus, OH 43215-3412		
Proposed System Capacity:	1,600 MW		
Team Member Organizations: Wheeling Power Company (WPCo) - Applicant American Electric Power (AEP) - Partner Kentucky Power Company (KYCo) - Partner Appalachian Power Company (APCo) - Partner			
Senior/Key Personnel and Their Organizations: WPCo: Jeremy Jackson; Joshua Snodgrass; Dan Eaton; Barb Iverson AEP: Grant Patch; Dan Pizzino; Scott Osterholt; Anthony Null APCo/KPCo: Frank Zeroski; Robert Jesse			
Do the proposed awardee and all team members qualify as domestic entities*? X Yes ☐ No			
Points of Contact	Name	Email	Phone Number
Technical Project Manager	Grant Patch	[REDACTED]	[REDACTED]
Business Point of Contact	Scott Osterholt	[REDACTED]	[REDACTED]
Confidentiality Statement: Notice of Restriction on Use and Disclosure of Information: Pages 1 of the Cover Page, 2-3 and 8 of the Project Narrative, 2-3 of the Financing Narrative, and 1-3 of the Techno-Economic Analysis of these documents may contain business sensitive, trade secrets, proprietary, or otherwise confidential information that is exempt from public disclosure, indicated by highlight . Such information shall be used or disclosed only for evaluation purposes or in accordance with a financial assistance or loan or other transaction agreement between the submitter and the Government. The Government may use or disclose any information that is not appropriately marked or otherwise restricted, regardless of source.			
Total DOE Funding Request (\$M)	[REDACTED]		
Total Non-Federal Cost Share (\$M)	[REDACTED]		
Total Project Costs (\$M)	[REDACTED]		
Total Period of Performance (yrs)	[REDACTED]		



Control Number: 3605-1510

CONTAINS BUSINESS SENSITIVE, TRADE SECRET, PROPRIETARY, OR OTHERWISE CONFIDENTIAL INFORMATION
EXEMPT FROM PUBLIC DISCLOSURE

Current and Pending Support Forms

Mitchell Mechanical Draft Cooling Tower Modernization Project

Notice of Restriction on Use and Disclosure of Information: All pages of this document may contain business sensitive, trade secrets, proprietary, or otherwise confidential information that is exempt from public disclosure. Such information shall be used or disclosed only for evaluation purposes or in accordance with a financial assistance or loan or other transaction agreement between the submitter and the Government. The Government may use or disclose any information that is not appropriately marked or otherwise restricted, regardless of source.



Control Number: 3605-1510

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Current and Pending Support

Project Title: Mitchell Mechanical Draft Cooling Tower

Senior/Key Personnel: [REDACTED]

[REDACTED], understand that I have been designated as a covered individual by the Federal funding agency and I certify as follows:

1. I am senior/key personnel associated with the Wheeling Power Company / American Electric Power (AEP) / Kentucky Power Company / Appalachian Power project.
2. I am not currently a recipient of current or pending support and have no sponsored activities, awards, and appointments, whether paid or unpaid; provided as a gift with terms or conditions or provided as a gift without terms or conditions; full-time, parttime, or voluntary; faculty, visiting, adjunct, or honorary; cash or in-kind; foreign or domestic; governmental or private-sector; directly supporting my research or indirectly supporting me by supporting students, research staff, space, equipment, or other research expenses to disclose at this time.
3. I certify to the best of my knowledge and belief that the information contained in this Current and Pending Support Disclosure Statement is true, complete, and accurate. I understand that any false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil, or administrative penalties for fraud, false statements, false claims, or otherwise. (18 U.S.C. §§ 1001 and 287, and 31 U.S.C. §§ 3729-3733 and 3801-3812). I further understand and agree that (1) the statements and representations made herein are material to DOE's funding decision, and (2) I have a responsibility to update the disclosures during the period of performance of the award should circumstances change which impact the responses provided above.
4. I certify that, at the time of submission, I am not a party in a malign foreign talent recruitment program.

[REDACTED]
[REDACTED]
[REDACTED]

11/10/2025 | 1:02 PM EST

Date



Control Number: 3605-1510

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Current and Pending Support

Project Title: Mitchell Mechanical Draft Cooling Tower

Senior/Key Personnel: [REDACTED]

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3. I certify to the best of my knowledge and belief that the information contained in this Current and Pending Support Disclosure Statement is true, complete, and accurate. I understand that any false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil, or administrative penalties for fraud, false statements, false claims, or otherwise. (18 U.S.C. §§ 1001 and 287, and 31 U.S.C. §§ 3729-3733 and 3801-3812). I further understand and agree that (1) the statements and representations made herein are material to DOE's funding decision, and (2) I have a responsibility to update the disclosures during the period of performance of the award should circumstances change which impact the responses provided above.
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[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

11/11/2025 | 2:11 PM EST

Date



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Current and Pending Support

Project Title: Mitchell Mechanical Draft Cooling Tower

Senior/Key Personnel: [REDACTED]

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3. I certify to the best of my knowledge and belief that the information contained in this Current and Pending Support Disclosure Statement is true, complete, and accurate. I understand that any false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil, or administrative penalties for fraud, false statements, false claims, or otherwise. (18 U.S.C. §§ 1001 and 287, and 31 U.S.C. §§ 3729-3733 and 3801-3812). I further understand and agree that (1) the statements and representations made herein are material to DOE's funding decision, and (2) I have a responsibility to update the disclosures during the period of performance of the award should circumstances change which impact the responses provided above.
4. I certify that, at the time of submission, I am not a party in a malign foreign talent recruitment program.

[REDACTED]
[REDACTED]
[REDACTED]
11/17/2025 | 7:40 AM EST

Date



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Current and Pending Support

Project Title: Mitchell Mechanical Draft Cooling Tower

Senior/Key Personnel: [REDACTED]

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3. I certify to the best of my knowledge and belief that the information contained in this Current and Pending Support Disclosure Statement is true, complete, and accurate. I understand that any false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil, or administrative penalties for fraud, false statements, false claims, or otherwise. (18 U.S.C. §§ 1001 and 287, and 31 U.S.C. §§ 3729-3733 and 3801-3812). I further understand and agree that (1) the statements and representations made herein are material to DOE's funding decision, and (2) I have a responsibility to update the disclosures during the period of performance of the award should circumstances change which impact the responses provided above.
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[REDACTED]

11/11/2025 | 2:33 PM EST

Date



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Project Title: Mitchell Mechanical Draft Cooling Tower

Senior/Key Personnel: [REDACTED]

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3. I certify to the best of my knowledge and belief that the information contained in this Current and Pending Support Disclosure Statement is true, complete, and accurate. I understand that any false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil, or administrative penalties for fraud, false statements, false claims, or otherwise. (18 U.S.C. §§ 1001 and 287, and 31 U.S.C. §§ 3729-3733 and 3801-3812). I further understand and agree that (1) the statements and representations made herein are material to DOE's funding decision, and (2) I have a responsibility to update the disclosures during the period of performance of the award should circumstances change which impact the responses provided above.
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Date



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[REDACTED]
[REDACTED]
[REDACTED]

11/10/2025 | 12:59 PM EST

Date



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Project Title: Mitchell Mechanical Draft Cooling Tower

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[REDACTED]
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[REDACTED]

11/10/2025 | 2:07 PM EST

Date



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[REDACTED]

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11/11/2025 | 6:39 AM EST

Date



Control Number: 3605-1510

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1. I am senior/key personnel associated with the Wheeling Power Company / American Electric Power (AEP) / Kentucky Power Company / Appalachian Power project.
2. I am not currently a recipient of current or pending support and have no sponsored activities, awards, and appointments, whether paid or unpaid; provided as a gift with terms or conditions or provided as a gift without terms or conditions; full-time, parttime, or voluntary; faculty, visiting, adjunct, or honorary; cash or in-kind; foreign or domestic; governmental or private-sector; directly supporting my research or indirectly supporting me by supporting students, research staff, space, equipment, or other research expenses to disclose at this time.
3. I certify to the best of my knowledge and belief that the information contained in this Current and Pending Support Disclosure Statement is true, complete, and accurate. I understand that any false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil, or administrative penalties for fraud, false statements, false claims, or otherwise. (18 U.S.C. §§ 1001 and 287, and 31 U.S.C. §§ 3729-3733 and 3801-3812). I further understand and agree that (1) the statements and representations made herein are material to DOE's funding decision, and (2) I have a responsibility to update the disclosures during the period of performance of the award should circumstances change which impact the responses provided above.
4. I certify that, at the time of submission, I am not a party in a malign foreign talent recruitment program.

[REDACTED]

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Date



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Current and Pending Support

Project Title: Mitchell Mechanical Draft Cooling Tower Modernization Project

Senior/Key Personnel: [REDACTED]

[REDACTED], understand that I have been designated as a covered individual by the Federal funding agency and I certify as follows:

1. I am senior/key personnel associated with the Wheeling Power Company project.
2. [REDACTED]
3. I certify to the best of my knowledge and belief that the information contained in this Current and Pending Support Disclosure Statement is true, complete, and accurate. I understand that any false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil, or administrative penalties for fraud, false statements, false claims, or otherwise. (18 U.S.C. §§ 1001 and 287, and 31 U.S.C. §§ 3729-3733 and 3801-3812). I further understand and agree that (1) the statements and representations made herein are material to DOE's funding decision, and (2) I have a responsibility to update the disclosures during the period of performance of the award should circumstances change which impact the responses provided above.
4. I certify that, at the time of submission, I am not a party in a malign foreign talent recruitment program.

Current Active Funding						
Source of Funding	Award Number	Title of the Award Project	Description	Total Project Cost	Award Period (start-end dates)	Person-months of effort/year
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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[REDACTED]			[REDACTED]			
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Pending Awards						
Source of Funding	Award Number	Title of the Award Project	Description	Total requested funding	Award Period (start-end dates)	Person-months of effort/year
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Table 1. Current and Pending Support – [REDACTED]

[REDACTED]

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[REDACTED]

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Evidence of Offtake or Load Agreements

Mitchell Mechanical Draft Cooling Tower Modernization Project

The Mitchell Plant, jointly owned by Wheeling Power Company and Kentucky Power Company, serves as a key energy resource for both utilities.

Wheeling Power Company:

Below is a summary of customers' highest-previous demand (HPD) data for Wheeling Power. Personal customer information has been removed to maintain anonymity.

Account	HPD (kW)
Customer A1	133,600
Customer A2	69,311
Customer A3	65,764
Customer A4	49,775
Customer A5	40,000
Customer A6	35,372
Customer A7	35,102
Customer A8	32,208
Customer A9	29,760
Customer A10	24,246
Customer A11	23,888
Customer A12	23,880
Customer A13	22,764
Customer A14	21,450
Customer A15	19,647
Customer A16	19,056
Customer A17	17,352
Customer A18	16,730
Customer A19	16,308
Customer A20	14,994
Customer A21	9,563
Customer A22	7,812
Customer A23	6,415
Customer A24	4,738
Customer A25	4,414
Customer A26	3,595
Customer A27	2,930
Customer A28	2,798
Customer A29	2,202
Customer A30	2,183
Customer A31	2,083
Customer A32	1,822
Customer A33	1,587
Customer A34	1,490
Customer A35	1,398
Customer A36	1,396
Customer A37	1,190
Customer A38	1,180
Customer A39	1,152
Customer A40	1,069



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Table 1. Customers' (anonymous) highest-previous demand (HPD) data

Kentucky Power Company

Below is a list of customers for Kentucky Power Company, derived from publicly available contract filings on the Kentucky Public Service Commission (PSC) website. For full documentation and additional contract details, you may refer to the company's "Contracts" section in the PSC tariff library¹.

Air Products and Chemicals Inc	Clintwood JOD, LLC
Ashland Hospital Corporation dba Kings Daughters Medical Center	Coals, Inc. Princess Elkhorn Coal Division
Big Run Power Producers, LLC	Consol of Kentucky, Inc
Big Sandy RECC	Cyber Innovation Group
Blue Diamond Mining	Dajcor Aluminum
Boyd County Board of Education	Deane Mining LLC
Carter County Board of Education	Discover AI, LLC
City of Allen	East Kentucky Power Company
City of Ashland	Emperor Coal Company
City of Catlettsburg	EQT Gathering, LLC
City of Elkhorn City	Grayson RECC
City of Flatwoods	High Ridge Mining, LLC
City of Grayson	Inez Power, LLC
City of Greenup	Island Creek Coal Company
City of Hazard	Kentucky Department of Highways
City of Hyden	Kentucky Electric Steel Corporation
City of Jackson	KES Acquisition Company, LLC
City of Jenkins	Kings Daughters Medical Center
City of Louisa	Letcher County Board of Education
City of Martin	Louisa Baptist Church
City of Neon	M C Mining Inc
City of Olive Hill	Martin County Board of Education
City of Paintsville	McCoy Elkhorn Coal LLC
City of Pikeville	Northeast Kentucky Regional Industrial Park Authority
City of Prestonsburg	Our Lady of Bellefonte Hospital
City of Raceland	Perry County Board of Education
City of Russell	Pike County Board of Education
City of Salyersville	Pole Joint Use Agreement
City of South Shore	SWVA Kentucky, LLC
City of Vanceburg	The Tierney Corporation
City of Vicco	Town of Fleming
City of West Liberty	Town of Hindman
City of Wheelwright	Town of Van Lear
City of Whitesburg	Town of Wayland
City of Worthington	US Army Corps of Engineers

¹ Kentucky Power Company Tariffs Library. Kentucky Public Service Commission.
<https://psc.ky.gov/Home/Library?type=Tariffs&folder=Electric%5CKentucky%20Power%20Company%5CContracts>



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US Army Corps of Engineers - Huntington
Wal-Mart Stores, Inc

Financing

Mitchell Mechanical Draft Cooling Tower Modernization Project

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Financing Strategy

Wheeling Power Company (WPCo), in collaboration with Kentucky Power Company (KPCo) and Appalachian Power Company (APCo), all subsidiaries of American Electric Power (AEP), proposes to modernize the Mitchell Plant in the rural community of Moundsville, West Virginia. The proposed project will modernize the Mitchell Plant by installing a new, modern mechanical draft cooling tower, replacing the nearly 60-year-old natural draft "Unit 2" cooling tower currently in operation.

Funding provided by the Department of Energy (DOE), covering about 30% of total project costs, is instrumental in de-risking and accelerating the project. DOE funding would alleviate the strain on the internal budget, enabling the timely procurement of essential materials and labor, and minimizing cash flow-related delays. This flexibility would help maintain the project schedule and allow the new cooling tower to come online sooner, ensuring the delivery of reliable and affordable energy to ratepayers while effectively managing cost, performance, and operational risks.

Milestones

The project milestones selected for the Mitchell Plant cooling tower upgrade will track progress toward a fully operational mechanical draft cooling tower capable of reliably sustaining the plant's full generation capacity of 1,600 megawatts (MW) and preventing the potential loss of up to 800 MW of generation capacity. These milestones align with critical technical and construction activities, with certain milestones proposed as cost-shared under this award due to their importance in ensuring project success. Proposed cost-shared milestones include engineering and design, procurement of the mechanical draft cooling tower, and piping for tie-in. These activities represent the most significant and high-risk components of the project, directly impacting the project's performance objectives.

Activity or Milestone Go/No-Go (GNG)	Milestone Description	Start Date	End Date	Cost (\$M)	Applicant Cost Share (\$M)	DOE Funds (\$M)	Project Costs to Date (\$M)	% DOE Share to Date
Phase 1: Site Control Confirmation; Engineering and Design		Q4 2025	Q1 2027					
Functional engineering		Q4 2025	Q3 2026	■	■	■	■	■
Detailed design		Q3 2026	Q1 2027					
Milestone/GNG: Final design package complete	Complete and final design package approved		Q1 2027	■	■	■	■	■
Phase 2: Procurement and Permitting		Q3 2026	Q4 2027					
Equipment and materials purchased		Q3 2026	Q4 2027	■	■	■	■	
Milestone/GNG: Cooling tower on site	Delivery and installation of tower onsite	Q1 2027	Q4 2027	■	■	■	■	■
Phase 3: Construction		Q2 2027	Q2 2028					
Milestone/GNG: Ground taken to grade; civil construction complete	All civil work in relation to the project has been substantially completed for next stages	Q2 2027	Q3 2027	■	■	■	■	■
Milestone/GNG: Mechanical and electrical install	All mechanical and electrical work in relation to the project has been substantially completed for next stages	Q3 2027	Q1 2028	■	■	■	■	■
Removal of cooling tower water system for tie-in to new system		Q1 2028	Q2 2028	■	■	■	■	
Milestone/GNG: Construction complete	Tower and mechanical systems installed per design		Q2 2028	■	■	■	■	■
Phase 4: Testing and In-Service		Q2 2028	Q3 2028					
System testing and commissioning		Q2 2028	Q3 2028	■	■	■	■	
Overall Project Management								
Contingency Costs	Allocated to above phases					■	■	
Owner's Indirect Costs				■	■	■	■	
				■	■	■	■	■

Table 1. Milestone and cost summary. *As described in the Project Narrative, ■ of preliminary project costs are not included in the proposed budget as they will take place before the anticipated DOE award date.

Milestone progress will be tracked by Project Controls using Primavera P6 to monitor schedule adherence, budget spend, and milestone completion. If a milestone is anticipated to be delayed, corrective actions will include reallocating resources, accelerating subsequent activities where possible, and engaging with vendors or contractors to mitigate schedule risks. A detailed milestone payment breakdown and project spend plan are under development and will be finalized by Q1 2026.

Project Cost

WPCo and KPCo will recover the non-federal share of the project costs from customers through their electric service rates, as applicable. WPCo and KPCo, the owners of the Mitchell Plant, will capitalize the balance of the project costs through a combination of debt and equity financing.

Documentation from Potentially Impacted Indian Tribes **Mitchell Mechanical Draft Cooling Tower Modernization Project**

Project Description

The proposed initiative aims to modernize a coal power plant in Moundsville, West Virginia, by installing an upgraded mechanical cooling tower to maintain its operational output. Given that this is an existing facility rather than new construction, there are no anticipated impacts on Tribal land or resources.

Project Location

The proposed activities will be conducted at: 8999 Energy Hwy, Moundsville, WV 26041.

Justification for No Impact Determination

The project site is located on private property and falls outside the boundaries of any federally recognized Indian tribal lands (see Figure 1). Based on the project scope and location, no direct, indirect, or cumulative impacts to Tribal lands, resources, or interests are anticipated. The proposed activities will occur entirely on non-Tribal property, involve no ground disturbance, and do not affect known or potential historic or cultural sites. Accordingly, this project is expected to have no impact on Indian Tribes or Tribal resources. The attached map shows the proposed project site overlaid with the Bureau of Indian Affairs' "Indian Lands" GIS dataset, confirming that the site is on non-Tribal land and outside federally recognized trust lands or reservations. Therefore, the project will not impact trust lands or areas of Tribal jurisdiction.

As the activities will only occur on non-Tribal property and will not disturb Tribal lands or affect historic or cultural sites, the project is expected to have no impact on Indian tribes, resources, or subsurface rights.

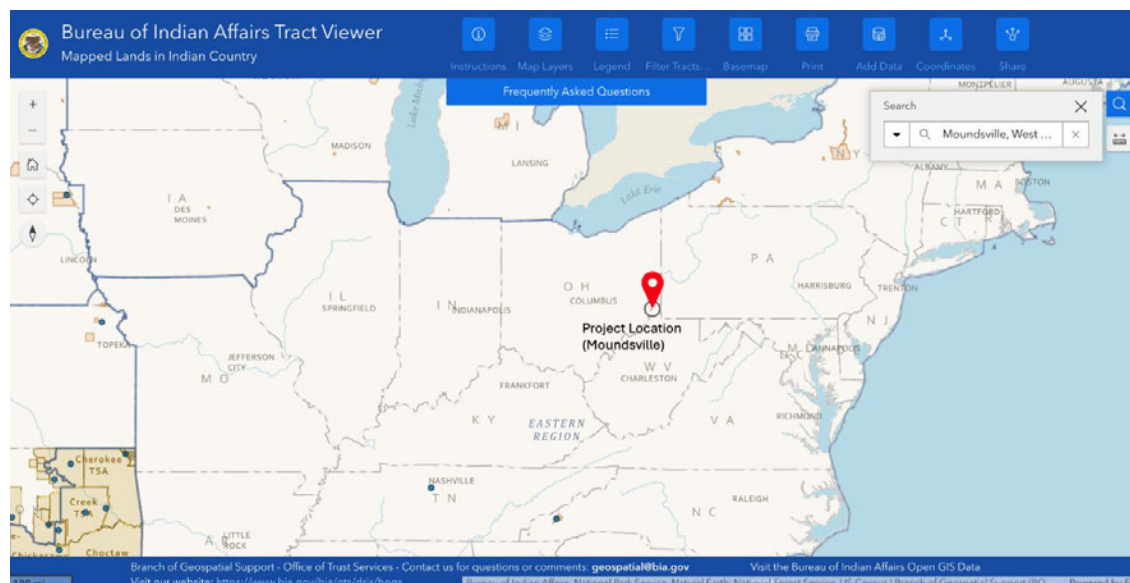


Figure 1. Map sources from the Bureau of Indian Affairs' "Indian Lands" GIS dataset



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Letters of Commitment

Mitchell Mechanical Draft Cooling Tower Modernization Project

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11/11/2025
The Honorable Chris Wright
Secretary of Energy
Forrestal Building
1000 Independence Avenue, SW
Washington, DC 20585

Dear Secretary Wright,

As a company deeply invested in the well-being of our local area, I am writing to affirm our commitment to the construction of a mechanical draft cooling tower at Mitchell Power Plant, a coal-fired power plant in the rural community of Moundsville, West Virginia. Our organization recognizes that resilient and reliable energy infrastructure is essential for the prosperity and safety of our community.

The project aims to construct a new mechanical draft cooling tower to replace the compromised natural draft cooling tower currently onsite at the Mitchell Power. This project will allow the plant to continue performing at maximum capacity while generating the needed power in our community. Wheeling Power will lead the project implementation and activities. Our organization will partner with Kentucky Power, Appalachian Power Company, and American Electric Power (AEP) to successfully implement this project.

[REDACTED]

Should you require additional information or wish to discuss our partnership further, please feel free to contact me at [REDACTED]

Sincerely,

Signed by:
A handwritten signature in blue ink, appearing to read "AW", is enclosed in a blue rectangular box.
1E95B37AA7AE40C

Aaron Walker
President and CEO
APCO

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11/11/2025

The Honorable Chris Wright
Secretary of Energy
Forrestal Building
1000 Independence Avenue, SW
Washington, DC 20585

Dear Secretary Wright,

As a company deeply invested in the well-being of our local area, I am writing to affirm our commitment to collaboration and engagement for the construction of a mechanical draft cooling tower at Mitchell Power Plant, a coal-fired power plant in the rural community of Moundsville, West Virginia. Our organization recognizes that resilient and reliable energy infrastructure is essential for the prosperity and safety of our community. The project aims to construct a new mechanical draft cooling tower to replace the compromised natural draft cooling tower currently onsite. This project will allow Mitchell Plant to continue performing at maximum capacity while generating the needed power in our community. In alignment with these goals, our organization will partner with Wheeling Power to successfully implement this project.

- Kentucky Power Company supports Mitchell Plant with this project to improve its reliability and capacity. This aligns with Kentucky Power Company's core values as a company by supporting local communities, providing unique power solutions to our customers, and scaling technological advances within the generation infrastructure.
- Kentucky Power Company has expertise in providing energy for customers to meet challenging demands that include reduction in energy consumption, rising energy costs, and decrease carbon emissions. Kentucky Power Company is experienced in providing innovative approaches and in assisting with the implementation of challenging and complex projects.
- Kentucky Power Company recognizes during sustained outages, communities become vulnerable without access to power. Kentucky Power Company believes in the development of long term solutions in generating power to meet the reliability and capacity needs of our communities. By supporting long term solutions, we look to minimize outages.

[REDACTED]
Should you require additional information or wish to discuss our partnership further, please feel free to contact me at [REDACTED].

Sincerely,

Signed by:
Cynthia Wiseman
1E6D742C7C0D4F1

Cynthia Wiseman
President & COO
Kentucky Power Company

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11/11/2025
The Honorable Chris Wright
Secretary of Energy
Forrestal Building
1000 Independence Avenue, SW
Washington, DC 20585

Dear Secretary Wright,

As a community partner deeply invested in the well-being of our local area, I am writing to affirm our commitment to collaboration and engagement for the construction of a mechanical draft cooling tower at Mitchell Plant, a coal-fired power plant in the rural community of Moundsville, West Virginia. Our organization recognizes that resilient and reliable energy infrastructure is essential for the prosperity and safety of our community.

The project aims to construct a new mechanical draft cooling tower to replace the compromised natural draft cooling tower currently onsite. This project will allow Mitchell Plant to continue performing at maximum capacity while generating the needed power in our community. In alignment with these goals, our organization will partner with Kentucky Power, Wheeling Power, and American Electric Power to successfully implement this project.

- Appalachian Power Company supports Mitchell Plant with this initiative to improve the plant's reliability and capacity. This aligns with Appalachian Power Company's core values as a company by supporting local communities, providing unique power solutions to our customers, and scaling technological advances within the generation infrastructure.
- Appalachian Power Company has expertise in providing energy for customers to meet challenging demands that include reduction in energy consumption, rising energy costs, and decrease carbon emissions. Appalachian Power Company is experienced in providing innovative approaches and in assisting with the implementation of challenging and complex projects.
- Appalachian Power Company recognizes during sustained outages, communities become vulnerable without access to power. Appalachian Power Company believes in the development of long-term solutions in generating power to meet the reliability and capacity needs of our communities. By supporting long term solutions, we look to minimize outages.

Should you require additional information or wish to discuss our partnership further, please feel free to contact me at [REDACTED].

Sincerely,

Aaron Walker
President & COO
Appalachian Power Company

Signed by:

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Control Number: 3605-1510



11/11/2025

The Honorable Chris Wright
Secretary of Energy
Forrestal Building
1000 Independence Avenue, SW
Washington, DC 20585

Dear Secretary Wright,

As a community partner deeply invested in the well-being of our local area, I am writing to affirm our commitment to collaboration and engagement for the construction of a mechanical draft cooling tower at Mitchell Plant, a coal-fired power plant in the rural community of Moundsville, West Virginia. Our organization recognizes that resilient and reliable energy infrastructure is essential for the prosperity and safety of our community.

The project aims to construct a new mechanical draft cooling tower to replace the compromised natural draft cooling tower currently onsite. This project will allow Mitchell Plant to continue performing at maximum capacity while generating the needed power in our community. In alignment with these goals, our organization will partner with Wheeling Power, Kentucky Power, and Appalachian Power Company to successfully implement this project.

- American Electric Power (AEP) supports Mitchell Plant with this initiative to improve the plant's reliability and capacity. This aligns with AEP's core values as a company by supporting local communities, providing unique power solutions to our customers, and scaling technological advances within the generation infrastructure.
- AEP has expertise in providing energy for customers to meet challenging demands that include reduction in energy consumption and rising energy costs. AEP is experienced in assisting with the implementation of challenging and complex power generation projects.
- AEP recognizes that during sustained outages, communities become vulnerable without access to power. AEP believes in the development of long-term solutions in generating power to meet the reliability and capacity needs of our communities. By supporting long-term solutions, we look to minimize outages.

Should you require additional information or wish to discuss our partnership further, please feel free to contact me at [REDACTED].

Sincerely,

Bill Fehrman
Chair, President & CEO
AEP



Control Number: 3605-1510

Management Team and Project Partners

Mitchell Mechanical Draft Cooling Tower Modernization Project

Primary Project Team

Teaming Partner	Roles and Responsibilities	% of Effort
Wheeling Power Company (WPCo)	Applicant, site co-owner, project lead, cost share provider, and overall project management	40%
American Electric Power (AEP)	Project management, engineering leadership, and oversight of construction activities, including planning, scheduling, contract administration, and on-site coordination and supervision	40%
Appalachian Power Company (APCo)	Operating corporate partner providing budgetary oversight	10%
Kentucky Power Company (KPCo)	Site co-owner and cost share provider	10%

Table 1. Project team partners (companies)

Key Personnel

Mitchell Plant personnel have various other roles and responsibilities, but they will provide the time commitment necessary to ensure this project's success and provide the grant team with the required information for reporting.

Name, Title	Company	Project Roles and Responsibilities	Expertise	% Time Commitment
Dan Eaton, Maintenance Superintendent Senior	Wheeling Power Company	Technical support	Maintenance and engineering professional with extensive experience in the utility sector; expertise in outage planning and execution, ensuring compliance with safety and regulatory standards	20%
Barb Iverson, Administrative Supervisor Senior	Wheeling Power Company	Monitoring and maintaining budget	Skilled supervisor in receiving, inventory management, invoicing, and catalog management	15%
Jeremy Jackson, Interim Maintenance Supervisor	Wheeling Power Company	Site lead	19 years of experience in power plant maintenance and supervision, managing large teams, and coordinating across facilities	40%
Joshua Snodgrass, Plant Manager, Mitchell Plant	Wheeling Power Company	Staffing and resource management; oversee business plans and site finances	20+ years of experience as a plant manager and supervisor in energy production and maintenance leadership, specializing in operational efficiency, safety initiatives, budgeting, outage coordination, and continuous improvement across multiple AEP facilities	25%



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Scott Osterholt, Managing Director, Federal Grants and Broadband (Business Contact)	AEP	Federal funding and grant compliance	30+ years at AEP, securing federal funds to support multi-billion- dollar infrastructure projects; extensive expertise advancing grid modernization, new technology deployment, telecom network operations, and grant management	10%
Grant Patch, Senior Project Manager, Generation and Distribution (Project Lead)	AEP	Site project manager	9+ years of experience in coal-fired power plants, distribution, transmission, right of way, and electrical/lighting wholesale	80%
Dan Pizzino, Director, Civil Engineering	AEP	Project engineering lead	20+ years in civil and structural engineering experience with a strong track record in power generation project development, technical team management, and regulatory compliance	50%
Anthony Null, Site Construction Manager	AEP	Construction planning and supervision	Oversees safe, reliable, compliant, and cost-effective operations of fossil-fueled and hydro assets across multiple plants; coordinates operations, maintenance, engineering, construction, and budgeting with AEP functional groups	80%
Robert Jesse, VP Generation Assets	Appalachian Power Company	Oversight of generation assets	29+ years of Power Generation Industry experience; 15+ years in a leadership role, with responsibility for overseeing and directing the activities of facility employees and contractors	15%
Frank Zeroski, Budget Analyst Staff	Appalachian Power	Operating corporate company budgetary information lead contact responsible for coordinating the budget for both KPCo and WPCo	Extensive expertise in managing multimillion-dollar operations and capital budgets, aligning financial data with regulatory filings, and developing complex reporting tools	25%

Table 2. Key personnel

Past Performance

A previous key initiative with a comparable scope to the proposed project was the Unit 2 Components Upgrade, which took place at the Mitchell Plant in 2021. This project enhanced existing cooling tower infrastructure by upgrading the hot water deck and supports, circumferential and radial basin walls, and splash boxes, including flow control valve, pipe saddles



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and supports, louvers, louver columns, circumferential girts, fill and grid (partial), ice screens, outer walkway, and canopy deck with crossover bridges. The work was completed in collaboration with contractors SPX Cooling Tech, LLC (a cooling tower vendor) and Worley Parsons (an engineering firm), which the team intends to engage for competitive pricing for the proposed mechanical draft cooling tower project. This Unit 2 upgrade was also executed during a constrained outage. It was completed on time (2021-2022) and within the \$10M project budget.

Another significant project with a comparable scope was the Mitchell Coal Combustion Residuals (CCR) and Effluent Limitation Guidelines (ELG) Compliance initiative in 2024, an environmental program implemented to ensure Department of Energy (DOE) compliance. Activities consisted of bottom ash conversion, pond closure and repurposing, and flue-gas desulfurization wastewater treatment. The project team collaborated with several contractors supporting the scope of activities, including Worley Parsons. It was completed on time (2020-2024) and within the \$175M project budget.

Engagement with Regulators and Other Relevant Community Stakeholders

AEP will work in collaboration with our local operating companies to manage awarded funds and coordinate with the DOE to ensure that all customers understand the impact the grant award will have on affordability and reliability. Additionally, we may conduct targeted outreach to regulators and policymakers to share information as appropriate. We have celebrated previous grant awards and loan closings, resulting in positive coverage and communication to relevant communities through local media.



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Potentially Duplicative Funding Notice

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[REDACTED] am a participating Key Personnel member on the following application to (BAA) Solicitation Number: DE-FOA-0003605, Restoring Reliability: Coal Recommissioning and Modernization:

Applicant: Wheeling Power Company

Project Title: Mitchell Mechanical Draft Cooling Tower Modernization Project

I will serve as an administrative Business Point of Contact for the application. I certify to the best of my knowledge at this time that I will have no direct role in project planning or implementation activities. As an administrative point of contact for federal awards at AEP, my time is allocated as indicated across the current and pending funding awards listed in Table 1. I certify that, to the best of my knowledge, there will be no overlap in funded activities across the DE-FOA-0003605 project or other projects for current or pending applications, and that project funds will not be used (in whole or in part) for any identical cost items.

Sincerely,

[REDACTED]
28CD8A2F49654AE...

[REDACTED]
Managing Director, Federal Grants and Broadband
AEP

Current Active Funding						
Source of Funding	Award Number	Title of the Award Project	Description	Total Project Cost	Award Period (start-end dates)	Person-months of effort/year
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Pending Awards						
Source of Funding	Award Number	Title of the Award Project	Description	Total requested funding	Award Period (start-end dates)	Person-months of effort/year
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]



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Table 1. Current and Pending Support –



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Project Narrative

Mitchell Mechanical Draft Cooling Tower Modernization Project

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Project Concept

Wheeling Power Company (WPCo), in collaboration with Kentucky Power Company (KPCo) and Appalachian Power Company (APCo), proposes to modernize the Mitchell Plant in the rural community of Moundsville, West Virginia. WPCo, KPCo, and APCo—American Electric Power (AEP) subsidiaries—serve approximately 1.25M customers across West Virginia, Kentucky, Virginia, and Tennessee. As a coal-fired generation facility, the Mitchell Plant contributes to the region's energy resilience and reliable, affordable, and secure generation resources. The plant is equipped with advanced pollution-control technologies, demonstrating the facility's commitment to reducing emissions and providing reliable energy with improved environmental performance. It also plays a crucial role in sustaining the local economy by providing stable, high-wage employment for 167 full-time staff members in a rural, remote area.

The proposed project will modernize the Mitchell Plant by installing a new, modern mechanical draft cooling tower, replacing the nearly 60-year-old natural draft "Unit 2" cooling tower currently in operation, which requires significant repair and upgrades. This modernization effort is essential to sustain and maintain the plant's full generation capability of approximately 1,600 megawatts (MW) and to prevent the potential loss of up to 800 MW of capacity if the existing tower fails or becomes inoperable. This critical modernization upgrade will enhance regional grid reliability and significantly reduce outage risk by eliminating reliance on aging infrastructure. Installing a mechanical draft cooling tower provides a robust solution with a lifespan exceeding 25 years, ensuring safe and efficient plant operation, directly improving system reliability and regional energy affordability. Other contemplated options, such as piecemeal upgrades on the aging infrastructure, could ultimately cost customers hundreds of millions of dollars more than the proposed mechanical draft cooling tower and result in the premature closure of the facility.

Project Approach

The project will be executed through a structured, phased approach to ensure timely completion. Phases may overlap when it is feasible to optimize the schedule and maintain project momentum.



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Phase 1: Engineering and Design

Preliminary engineering activities will occur prior to the anticipated release of Department of Energy (DOE) grant funding in Q2 2026. Conceptual and functional engineering will begin in Q4 2025 and continue through Q1 2026 to establish project feasibility, scope definition, and baseline design parameters. WPCo anticipates contracting Worley Parsons for engineering, design, and construction support. The proposed project budget does not include these initial costs [REDACTED]. These early activities will position the project for an efficient transition into DOE-supported phases upon award.

Detailed engineering design, including civil, mechanical, structural, and electrical systems, is scheduled to begin in Q3 2026 and is anticipated to be completed in Q1 2027. The main deliverables for this phase will be construction drawings, revised cost estimates, and a comprehensive project execution plan.

Phase 2: Procurement and Permitting

This phase will focus on environmental and construction permitting, as well as the procurement of long-lead materials and equipment. All major components will be sourced domestically, including the prefabricated mechanical draft cooling tower structure, piping, steel, insulation, electrical components, coatings, and scaffolding.

Phase 3: Construction

This phase will begin with demolition and removal of the out-of-service coal conveyor and coal rail car dumper currently occupying the proposed cooling tower site. All demolition work will be executed in accordance with safety and environmental protocols, ensuring the protection of surrounding infrastructure and personnel. Following demolition, the site will be prepared for installation, and the ground will be taken to grade. This phase will also involve the delivery and staging of tower components, as well as other key materials and equipment. The construction of the new mechanical draft cooling tower will include assembly of prefabricated components, installation of mechanical and electrical systems, piping tie-ins, and integration with existing plant systems. Construction will be conducted by an outside firm utilizing domestic union workers, selected during a request for proposal (RFP) process. The project is expected to generate approximately 50-75 construction jobs, with final staffing levels to be determined by the contractor's execution plan once the project is awarded.

Phase 4: Testing and In-Service

The project will utilize a planned plant outage to complete final tie-in activities, minimizing operational disruptions. The final phase will also include system testing, commissioning, and performance verification to ensure full operational capability. The new mechanical draft cooling tower is scheduled to be placed in service by the end of 2028.

The planned project phases are summarized in the table below.



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Phase	Estimated Start Date	Estimated End Date
Engineering and Design	Q2 2026*	Q1 2027
Procurement and Permitting	Q3 2026	Q4 2027
Construction	Q2 2027	Q3 2028
Testing and In-Service	Q2 2028	Q3 2028

Table 1. Project phases with estimated completion dates. *As described above, preliminary engineering will begin in Q4 2025

The following table summarizes the proposed total anticipated project costs by major categories.

Cost Category	Justification	Estimated Cost (M)
Personnel / Internal Labor	Labor utilization within AEP	██████
Personnel / Contracted Outside Services	Labor utilization outside AEP	██████
Personnel / Contracted Construction Labor	Third-party companies for specific, project-based construction jobs	██████
Equipment and Supplies	Major items needed in field to complete scope of work	██████
Contingency	About 10-13% of the budget set aside to cover unexpected costs that may arise, which is set to become risk-based as project progresses	██████
Owner's Indirect Costs	General expenses for overhead costs, which are calculated at 18% of non-contingency project costs. Indirect costs are estimated rates published in Q1 each year that AEP uses as the basis for allocations and Allowance for Funds Used During Construction (AFUDC)	██████
TOTAL		██████

Table 2. Summary of overall project costs. Note that this total includes the estimated \$3.5M of pre-award preliminary engineering costs

Project Site

The Mitchell Plant is in Moundsville, WV (population approximately 8,000), with a total generation capacity of approximately 1,600 MW. It consists of multiple generating units, primarily using bituminous coal. Throughout its history, the plant has undergone various upgrades to reduce emissions and comply with environmental standards. This includes coal combustion residuals regulations, effluent limitations guidelines, flue gas desulfurization, selective catalytic reduction, and compliance with the mercury and air toxins standards. See Figure 1 for a detailed schematic of the facility; a full-size image is available upon request.



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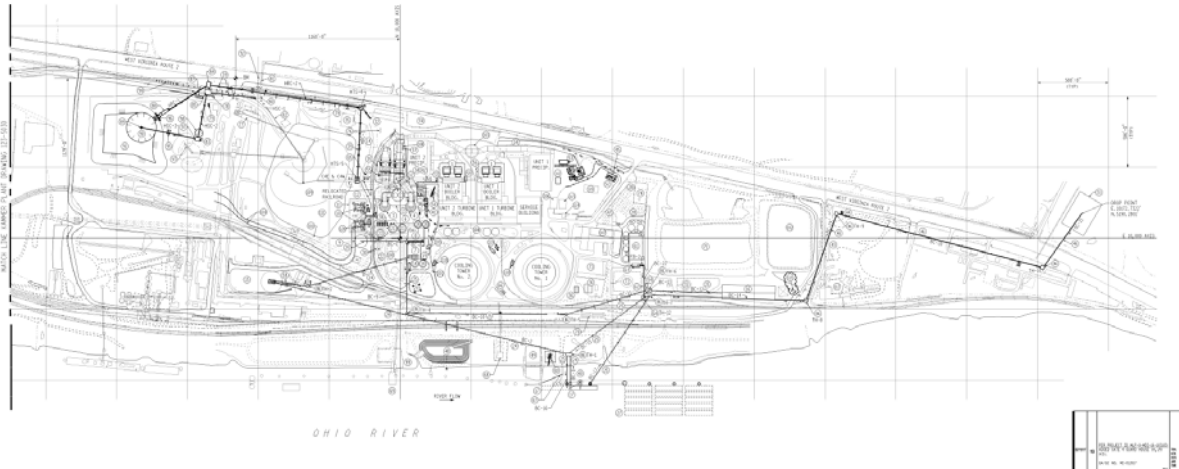


Figure 1. Mitchell plant site plan

WPCo and KPCo are co-owners of the Mitchell Plant, each owning a 50% undivided interest in the plant. Both companies are wholly owned subsidiaries of AEP. As co-owner, WPCo has joint control and management responsibilities over the site.

Technology Selection

The primary technology for this project is a mechanical draft cooling tower, a specialized type of heat exchanger in which air and water are brought into direct contact to reduce the temperature of the circulating water. As this process occurs, a small portion of the water evaporates, extracting heat and cooling the remaining water before it is recirculated.

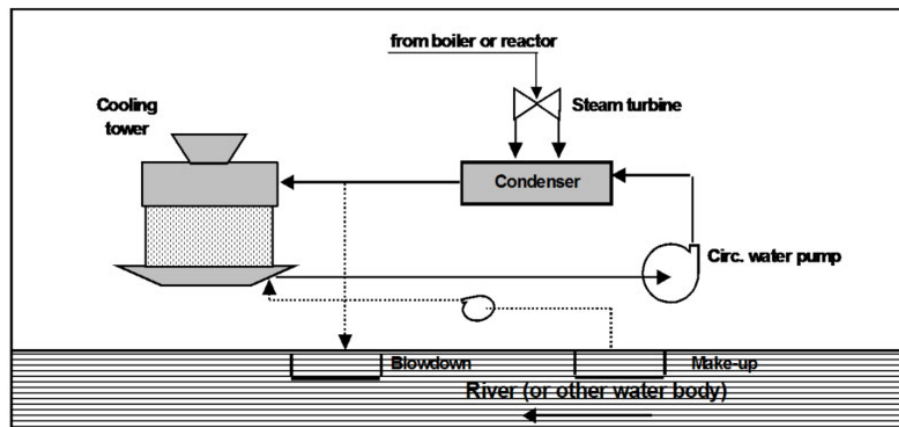


Figure 2. Diagram of the cooling tower as it ties into the rest of the plant

In operation, hot water from the condenser, which carries waste heat from the generating unit, is pumped to the top of the cooling tower. From there, it is distributed across an area known as the "fill," which is the primary heat transfer medium. The fill is designed to create a large surface

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area, allowing the water to spread. This design maximizes contact between the water and the airflow moving through the tower, greatly enhancing evaporative cooling efficiency. Mechanical fans draw large volumes of air through the fill and the water, promoting continuous heat and mass transfer. As the air passes through, it absorbs heat and moisture, becoming warmer and more humid before being discharged through the stack at the top of the tower. Once cooled, the water is collected in a basin at the base of the tower and pumped back to the condenser to absorb additional waste heat, completing the cycle. This way, the mechanical draft cooling tower effectively maintains system efficiency by continuously removing waste heat from the power generation process.

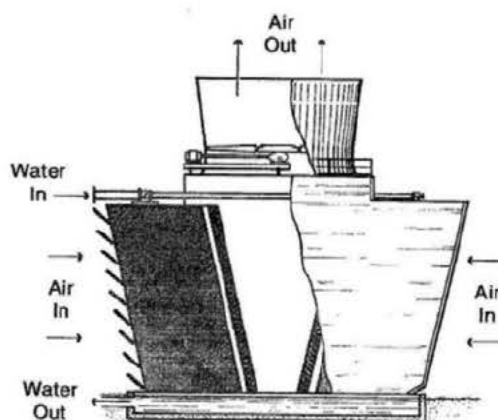


Figure 3. Schematic of a mechanical draft cooling tower

Any power generation facility (e.g., coal, gas, nuclear, biomass) that utilizes a Rankine steam cycle, like the Mitchell Plant, must have a means of condensing steam back into water, which involves transferring a large amount of heat from the steam to another source of water, known as circulating water. The circulating water heats up during the process and must be cooled by discharging it into a large body of water (e.g., a lake, river, or ocean) or a cooling tower. The selection of a cooling tower at the Mitchell Plant minimizes water consumption from the Ohio River and eliminates the need to discharge hot water back into the river, which would potentially have adverse environmental effects.

The new cooling tower will be supplied by a competitively sourced cooling tower industry leader. WPCo has initiated discussions to formalize a contract agreement, which is expected to be completed by Q1 2026. Preliminary specifications for the technology being considered are outlined in the table below.

Design Conditions		Tower Dimensions	
Flow	275,000 gallons per minute (gpm)	Tower Width	78.17 ft
Hot Water	117.5 °F	Tower Length	448.7 ft
Cold Water	91.5 °F	Tower Height	61.58 ft
Wet Bulb	74 °F	Fan Deck Height	47.83 ft



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Tower Description		Basin Dimensions	
Model	F674D-20-14	Basin Width	55.5 ft
Number of Cells	14	Basin Length	449 ft
Pump Head	47.41 ft		
Fan Diameter	28 ft		
Motor Size	14 @ 300 Horsepower (Hp)		
Brake Horsepower	14 @ 293.5 Hp		
Evaporation	6,140 gpm		
Drift Rate	0.0010%		

Table 3. Preliminary specifications from a cooling tower industry leader for a mechanical draft cooling tower

Mechanical draft cooling towers are the industry standard for new installations where sufficient water is available to offset evaporation losses—ideal for the Mitchell Plant, which is located along the Ohio River. They are preferred over natural draft towers due to significantly lower capital costs, smaller footprint requirements, and public perception considerations, as natural draft towers are often associated with nuclear facilities. Natural draft towers have not been constructed in the U.S. since the 1980s for these reasons. Additionally, the smaller footprint requirement is a key factor for the Mitchell Plant, given the limited available space on site.

Due to its lower capital cost and sizing advantage, a mechanical draft cooling tower is the most suitable engineering choice for meeting the project's cooling needs.

Organizational Goals

WPCo and AEP are committed to providing reliable, affordable, and environmentally responsible energy to their customers, while adhering strictly to all relevant federal and state energy and environmental regulations. They prioritize modernizing existing infrastructure and integrating advanced technologies to sustain service reliability and manage costs for ratepayers.

The new mechanical draft cooling tower will have an engineered life expectancy of more than 25 years. It will replace the existing hyperbolic cooling tower, which would require significant repairs/upgrades in the near term to allow Mitchell Unit 2 to continue operating, extending its current life by only 10 years. The mechanical draft cooling tower system investment will provide a dependable and efficient cooling solution, supporting plant performance and operational stability. The new tower's projected lifespan of 25+ years will help maintain generation capacity, whether through continued coal combustion or future transitions to alternative or lower-carbon fuels.

Mitchell Plant has consistently demonstrated its commitment to operational excellence and environmental stewardship via significant infrastructure improvements and compliance projects. Notable initiatives include the Coal Combustion Residuals (CCR) and Effluent Limitation



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Guidelines (ELG) compliance project, which involved bottom ash conversion, pond closure and repurposing, and flue-gas desulfurization wastewater treatment enhancements.

Through initiatives such as these, WPCo and AEP continue to advance organizational objectives to maintain reliability, minimize environmental impacts, and promote long-term affordability of power generation for customers. The cooling tower upgrade reflects the company's proactive approach, striking a balance between immediate operational needs and long-term energy system resilience and adaptability.

This project also aligns with Governor Morrisey's 25-year energy plan, which prioritizes upgrading existing coal-fired generation to ensure continued delivery of stable, reliable baseload power. By replacing aging infrastructure with a modern mechanical draft cooling tower, the plant will operate more efficiently and economically, supporting the Governor's goal of keeping West Virginia's energy assets online for decades to come.¹ In addition, the project advances the Governor's "Grow West Virginia" economic initiative by ensuring the dependable, affordable power supply needed to attract new businesses and support long-term economic growth across the state.²

Economic Competitiveness

A new, modern cooling tower can sustain and potentially improve thermal efficiency, even under suboptimal conditions such as temperature fluctuations and high humidity. By maintaining optimal cooling performance, the new mechanical draft cooling tower will enable more efficient power generation, thereby reducing overall operating costs. Compared to the current natural cooling tower, the new installation is expected to require less maintenance and enable improved operations by using more modern materials, components, and control systems. Investing in a new cooling tower also provides a reliable solution to the existing hyperbolic tower that requires significant repairs and upgrades. This replacement will ensure uninterrupted cooling performance and extend the operational life of the Mitchell Plant, reducing overall costs for AEP and its customers.

Risk Management Plan

The Mitchell Plant project team will implement a comprehensive Risk Management Plan to identify, analyze, monitor, and respond to potential risks throughout the project's lifecycle. The plan will mitigate risks that could impact cost, schedule, technical performance, safety, or regulatory compliance. A Project Risk Register will be established and maintained as a living

¹ Governor Morrisey Provides Details of 25-Year Energy Plan. WV Independent Observer. Sept 11, 2025. <https://observerwv.com/governor-morrissey-provides-details-of-25-year-energy-plan/>

² Governor Patrick Morrisey Announces "Grow West Virginia" Economic Initiative, Makes Targeted Investment in Mettler Packaging to Add 50 New Jobs. West Virginia Office of the Governor. July 10, 2025. <https://governor.wv.gov/article/governor-patrick-morrissey-announces-grow-west-virginia-economic-initiative-makes-targeted>



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document to capture all identified risks, potential impacts, and corresponding mitigation strategies. Each risk will be assessed based on its likelihood of occurrence and the severity of its potential consequences. Risks will be categorized by type—technical, management, schedule, procurement, or financial—and assigned ownership to ensure accountability. The register will also support the development of a risk-based contingency within the project budget. Risks identified as “High” will require a formal written Risk Response Plan, outlining corrective actions, triggers, and mitigation timelines. Initial key risk areas identified in Table 4 include long lead material deliveries, procurement of construction materials, and schedule delays.

Potential Risk	Estimated Probability	Estimated Impact	Mitigation Strategies
<i>Schedule:</i> Potential for schedule delays due to extended permitting, additional engineering requirements, or weather impacts during construction	30%		Implement a detailed project schedule with phase-specific contingency; use a phase-funded approach tied to DOE milestone completion
<i>Procurement and Supply Chain:</i> Potential delays in procurement or delivery of long-lead materials	40%		Prioritize early procurement of critical materials, establish vendor agreements with defined delivery schedules, and maintain buffer inventory where feasible. All materials will be domestically sourced to minimize global supply chain risk
<i>Technical:</i> Potential for unforeseen engineering or integration issues	20%		Conduct comprehensive engineering design reviews and system modeling in Phase 1
<i>Workforce:</i> Availability of skilled construction and technical personnel during peak project phases	15%		Engage early in the RFP process to contract vendors and cross-train internal staff as needed

Table 4. Initial identification of potential risks (Class V estimates)

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SUMMARY

Project Management Professional (PMP) with 9+ years of experience in Coal-Fired Power Plants, Distribution, Transmission, Right of Way, and Electrical/Lighting Wholesale. My skills include leadership, planning, executing, scheduling, risk management, and communication. I am seeking to use my work experience, skills, and education to help organizations with their ongoing projects. In my current and previous roles, I have led several multimillion-dollar projects and programs that continue to positively impact AEP's customers.

PROFESSIONAL EXPERIENCE

American Electric Power – Senior Project Manager (ERCOT & APCo) – Generation & Distribution
(November 2022 – present)
Columbus, Ohio

- Managing a first of a kind generator project in order to increase maximum capacity for station needs offsite
- Managing multiple projects within a matrix team environment at Mitchell Power Plant and in ERCOT Distribution
- Providing leadership, direction, and effective communication to initiate, plan, execute, monitor and control, and close projects in a safe, efficient, economical, risk-balanced approach to achieve short and long range goals and to obtain maximum customer satisfaction
- Developing relationships and effectively communicate with all stakeholders including internal customers, external customers, team members, suppliers, contractors, and vendors. This includes groups within AEP Transmission, Distribution, and Generation
- Creating and managing the yearly schedule and cost baselines for projects
- Planning, organizing, directing, coordinating and supervising project activities
- Managing, developing, reviewing and coordinating the project plan, schedule, and budget
- Managing cost and providing timely reallocation of funding as needed
- Leading meetings and providing project updates including stakeholder presentations
- Providing clear and concise monthly reporting on projects up to the SVP level
- Actively managing working relationships with the project team, customers, contractors, vendors, and suppliers
- Providing specific guidance to reduce risk and to improve the project schedule and costs
- Reviewing and approving deliverables to ensure projects are on time and in budget
- Ensuring maximum customer satisfaction and demonstrating effective performance of project work activities
- Supporting and hold employees and contractors accountable for the AEP System Safety Process, ensuring a safe working environment focused on Zero Harm

American Electric Power – Project Manager (I&M) – Transmission Development & Right of Way
(December 2019 – November 2022)
New Albany, Ohio

- Ensured that Transmission projects were properly developed to hand-off to the project execution team
- Directed planning meetings and project updates with supportive role in stakeholder presentations
- Developed working relationships with the project team, contractors, vendors, and suppliers
- Provided guidance, instruction, and training to improve design, systems, procedures, schedules, and costs
- Managed the project team in ensuring effective and timely performance and deadlines of project activities
- Assigned as the Right of Way Telecom Lead that tracked permitting for construction on projects
- Led bi-weekly project calls with the project team and vendors
- Prepared and presented right of way kick-off meetings to begin acquisition activities
- Mentored and trained new team members on AEP right of way processes and the project lifecycle
- Reviewed monthly forecasting on assigned capital projects

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- Handled negotiations with landowners for the acquisition of land rights
- Settled damage claims with property owners relative to property damage
- Reviewed and interpreted legal documents, surveys, legal descriptions, appraisals, and reports
- Prepared approved legal documents for the acquisition of land rights
- Provided support to other AEP Business Units in regard to questions and procedures in the acquisition of land rights
- Maintained property owner files, maps, drawings, exhibits and detailed progress reports
- Completed estimates & scopes for projects, and managed, developed, and reviewed deliverables from vendors
- Monitored the closeout process and establish any lessons learned for future improvements

Loeb Electric – Project Coordinator – North America

Accounts (January 2018 – December 2019)

Columbus, Ohio

- Project scopes included internal and external store lighting retrofits for Walmart, L-Brands, and Meijer
- Processed and performed take-offs with electrical materials that were needed for the desired projects
- Helped create logistical routes across North America to complete jobs by their deadlines
- Created purchase orders and work orders for future jobs
- Presented monthly project updates to the organization's executives
- Provided overall project support for assigned projects for designated Project Manager
- Took and maintained ownership of assigned queues and projects
- Processed material orders for assigned projects and queues
- Completed calls for scheduling, quality, waste pickup, and security to our company's accounts

Loeb Electric – Project Services Specialist – National

Accounts (May 2016 – January 2018)

Columbus, Ohio

- Managed accounts throughout North America with stores that requested electrical work
- Built relationships with account managers and technicians
- Made phone calls and emailed regularly to receive updates on current jobs
- Conducted a time study analysis for dispatchers and service coordinators
- Designed a training manual for newly hired service coordinators
- Prepared standard operating procedures for service coordinators daily work
- Worked on different processes within accounts payable and accounts receivable

EDUCATION & CERTIFICATIONS

Franklin University **Master of Business Administration (MBA)**

Project Management Institute **Project Management Professional (PMP)**

Otterbein University **Bachelor of Business Administration (BBA)**

OSHA 30 Outreach Training Program **Construction Safety Certified (DOL card)**

ORGANIZATIONS, GROUPS, & ACCOMPLISHMENTS

Member of the Project Management Institute (PMI)

Member of the International Right of Way Association (IRWA)

AEP 2025 Corporate DEI Liaison for 1RP

Chair of AEP's 2024 Project Solutions DEI Committee

Awardee of AEP's 2023 Project Solutions Community Engagement Award

Member of AEP's 2023-2025 Generation Goldfish Program

Member of AEP's 2023-2025 Project Solutions Mentoring Program

Member of AEP's 2023-2024 Distribution Culture Action Plan Team

Member of AEP's 2022 Transmission SOAR Culture Team (Siting, Outreach, and

Right of Way) Member of AEP's 2021 Grid Development Strategic Goal for

Diversity & Inclusion Group Member of AEP's 2020 Transmission Safety Group

Graduate of AEP's 2020 Transmission Talent Onboarding Program



Summary

Recognized for establishing, managing, and motivating high-performance teams—practices honed through a commitment to introducing new standards, establishing operational best practices, improving quality, and increasing enterprise value.

Employment

2023-Present	Managing Director, Federal Grants and Broadband • Tasked with finding, analyzing, seeking alignment, and implementation of federal grant applications and compliance to help keep customer cost impacts low through the acquisition of federal grant funds • Responsible for seizing opportunities to maximize federal funding within our footprint through grant development utilizing a comprehensive fiber strategy that helps us modernize the electric grid while connecting areas without broadband coverage • Company's subject matter expert and witness for regulatory proceedings for grid modernization, federal grant and rural broadband pursuits with an associated track record of success
2021-2023	Director, Broadband and Telecom Business Development • Responsible for uncovering and extracting additional annual revenue from leveraging existing unutilized dark fiber and Vertical assets • Tasked with implementation of marketing partners to drive additional revenue from leveraging existing unutilized telecom, transmission, and real estate assets • Responsible for seizing opportunities to maximize federal funding within our footprint through grant development utilizing a comprehensive fiber strategy that helps us modernize the electric grid while connecting areas without broadband coverage
2016-2021	Director, GRID Modernization • Responsible for AEP Ohio's new grid technology including its gridSMART Phase 2 Deployment - \$385M capital. • Regulatory and Filing Leader of AEP Ohio's support of the Smart City / Smart Columbus Project including the proposed AEP Ohio deployment of Smart Lighting, Microgrid and Battery Storage, and Electric Vehicle Charging Infrastructure - \$87M capital. • Responsible for AEP Ohio's Risk Management organization and activities.

Education

1999-2003	BA, Business Administration, Mount Vernon Nazarene University
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Summary

Results-driven maintenance and engineering professional with extensive experience in the utility sector, currently serving as a Maintenance Superintendent Sr. Proven ability to lead and mentor teams while developing and implementing strategies to enhance equipment reliability and performance. Expertise in outage planning and execution, ensuring compliance with safety and regulatory standards. Demonstrated success in project management of multi-discipline engineering projects, conducting audits, and providing training on new technologies. Holds a Bachelor of Science in Electrical and Computer Engineering from The Ohio State University, combining technical knowledge with strong leadership skills to drive operational excellence and cost efficiency.

PROFESSIONAL EXPERIENCE

AMERICAN ELECTRIC POWER, Moundsville, WV

2024 - Present

Maintenance Superintendent Sr

- Supervise and mentor electrical and mechanical maintenance staff, providing guidance and training as needed.
- Develop and implement maintenance strategies to optimize equipment reliability and performance.
- Oversee preventive and corrective maintenance activities, ensuring timely completion of work orders.
- Manage administrative staff, budgets, and resources, tracking expenses and identifying cost-saving opportunities.
- Collaborate with engineering and operations teams to identify maintenance needs and improvements.
- Ensure compliance with all safety programs and regulatory requirements.
- Maintain accurate records of maintenance activities and equipment performance.
- Analyze maintenance data to identify trends and recommend improvements.

AMERICAN ELECTRIC POWER, Moundsville, WV

2023 - 2024

Outage Process Owner

- Responsible for planning and execution of scheduled and/or forced outages, including plant work, RSO, and contract labor work, and coordinating outage activities and operations.
- Establish outage critical path, outage duration, and work schedules.
- Establish work scopes based on previous outage inspection reports, predictive maintenance, preventative maintenance, circular letters, lessons learned, facility health reports, long-range planning, and NDE test results.

- Provide regular updates and reports on work progress, safety performance, schedule adherence, and budget performance.
- Supervise Outage Coordinators in the planning and execution of outage plans.

AMERICAN ELECTRIC POWER, Moundsville, WV

2021 - 2023

Electrical Process Owner

- Responsible for the overall operations and maintenance of electrical process turbine-generator, transformer, and BOP equipment.
- Develop multi-year plans and budgets to ensure Circular Letter compliance.
- Ensure generator-to-line NERC compliance.
- Responsible for outage plans and schedules.
- Responsible for personnel safety on all electrical process equipment.

AMERICAN ELECTRIC POWER, Moundsville, WV

2016 - 2021

Supervising Engineer (2019-2021), Regional Engineer (2016-2019)

- Supervise engineering resources to perform multi-discipline projects utilizing EWC.
- Project manager of DCS/PLC controls upgrades, GSU replacements, and process upgrades, ensuring projects are completed on time, on budget, and without impacting plant operations.
- Perform safety-in-design checks and peer reviews of new installations.
- Provide guidance to Engineers and I&C supervisors to ensure hardware and software maintenance and upgrades are performed as needed.
- Provide training and documentation to energy production personnel on the operation of all new equipment.
- Perform NERC audits to ensure compliance.

EDUCATION

Bachelor of Science in Electrical and Computer Engineering
THE OHIO STATE UNIVERSITY
Columbus, OH May 2016

Qualification

Current U.S. Citizen

ADDITIONAL TRAINING

-
- API 579-1/ASME FFS-1 Fitness for Service Training.
 - SEL protection relay and automation.
 - CISCO Networking.
 - P6 Professional Scheduling



PROFESSIONAL PROFILE

A hardworking and dedicated individual who is well-organized with an exceptional focus on safety and culture. An exceptional leader in the Supply Chain/Accounting organization. I work diligently to establish relationships across cross-functional teams, enabling us to achieve our goals and fulfill our daily work duties successfully. I am a highly skilled supervisor in receiving, inventory management, invoicing, and catalog management. With this experience, it has developed strong interpersonal and communication skills, and I have become an exceptional trainer. I work very hard alongside my team and colleagues to ensure that they are aware of breakthrough objectives and that we meet or exceed them.

PROFESSIONAL EXPERIENCE

Cabela's Distribution Center

Receiving Coordinator

2004-2008

- Managed day and night shift receiving and shipping, consisting of over 50 employees.
- Maintained and manage budgeted costs within that department.
- Maintained headcount for the department and future needs (ex. during holidays we would have the need to employ temporary employees)
- Fork truck, stacker, long tail, and bobtail trainer.
- Worked closely with human resources department to hire associates that would be the proper fit for the positions that we had open and scheduled interviews.
- Operated training classes held to keep up with the OSHA standard for the entire warehouse. Our safety record was exceptional, considering we were in the construction phase of the center.
- Moved across departments to broaden my understanding of distribution processes.

American Electric Power

Stores Attendant

2008-2010

- Carried out the day-to-day functions of a storeroom attendant.

Stores Attendant Senior

2010-2013

- Day-to-day responsibilities of a senior storeroom attendant.
- Worked closely with the catalog department and the vendors to complete the u-3 FGD parts setup.
- Managed the project to complete re-organization of the open stock area at each of the outer warehouses.
- Daily duties included work with the plant to acquire material/get quotes/set up delivery/plan the outage material needed, etc.

Kentucky Power Co Mitchell Plant Stores, Moundsville, WV

NE Storeroom Supervisor

2013-2021

- Supervised attendants to service business partners during times that we are really needed and assigned work as necessary.
- Participate in lean events, a trainer for the MAXIMO implementation, a trainer for HPI Tools and concepts for the 2021 HPI initiative, participating in the CORE visit assessment standardization assessment.
- Meet and exceed KPI's that are attainable.
- Safety focus with over an 11-year incident-free record.
- Administer PAT test for new employees and other storerooms on the East Coast.
- Maintain stock and work closely with our suppliers.

Regional Supply Chain Supervisor

2021-2025

- Oversight of multiple facilities in the Northeastern area.
- Cascaded tasks, budgets, and duties down to employees at the facility.
- Communicated information to employees pertaining to invoicing, procuring, transportation, cataloging, and many other areas of operation within the company.
- Hired and trained staff.
- Set performance goals while collaborating with upper management to secure the goals that align with the company.
- Site visits to assess compliance, address questions, and support the local team.

Administrative Supervisor Senior

2025-Present

- Monitored and worked to maintain the budget for Mitchell plant.
- Guide both the storeroom and the accounting department to make sure that we remain in SOX compliance in invoicing, payroll, purchase order, storage, and work orders.
- Working to achieve clear guidelines and expectations within both departments.

EDUCATION

West Liberty University, West Liberty, WV

Bachelor of Science

Business Administration, with specialization in Computer Information Systems

ADDITIONAL SKILLS

- | | |
|---|--------------------------------------|
| ○ PAT (physical ability test) administrator | ○ Proficient in Asset Suite |
| ○ LEAN green belt – lean administrator | ○ Proficient in Maximo |
| ○ Certified fork truck trainer | ○ PASS fuel delivery certification |
| ○ Certified MAXIMO trainer | ○ Exceptional driving record |
| ○ Proficient in Microsoft – WORD, EXCEL, POWERPOINT, LOTUS NOTES, OUTLOOK | ○ HPI trainer |
| ○ Proficient in PeopleSoft expense | ○ OSHA 30 certification |
| | ○ SMITH SYSTEM driving certification |



Experience:

FGD Process Supervisor SR 2025-Present

- Manage, plan, and direct process maintenance for FGD
- Develop short- and long-range plans based on equipment run time and circular letter compliance
- Develop, update, and maintain 10-year projected budget.
- Oversee a 20-person team of exempt and hourly employees.

Maintenance Supervisor SR. 2021-2025

- Supervise the work of other employees in executing plant maintenance responsibilities to achieve efficient, safe, and reliable operation of plant equipment.
- Maintain and ensure safe working conditions.
- Supervise, coordinate, plan direct, and/or organize plant maintenance activities.
- Coordinate the planning for maintenance support for plant outages. Develop workflow charts and critical paths, analyzing and overseeing requisitioning of material and equipment needs.

Planner Prin. Mitchell Power Plant, 2017- 2021

- Daily and outage maintenance planner
- Schedule and plan crews for the upkeep of facility
- Utilize Maximo and PASTA work management systems.
- Work with ICE and Operations to schedule equipment for servicing.
- Solicit quotes and procure various parts and equipment.
- Fill in for crew and Maintenance Supervisor SR. as needed.

Planner SR. RSO zone 3, 2016-2017

- Daily and outage maintenance planner
- Scheduled and planned crews for the upkeep of facilities
- Worked between Cardinal, Mitchell, and Dresden plants for planning purposes.
- Filled in as crew supervisor as needed.

Turbine Mechanic SR. AEP RSO zone 3, 2006-2016

- Performed daily and outage tasks for Northern and Southern regions of AEP.
- Repaired/Rebuilt coal and gas-powered steam turbines and generators.
- Performed preventative and corrective maintenance as directed.

Education:

United States Air Force

- 504 hours of on-the-job training Sheppard AFB Texas
- Airman Leadership School
- Air Force Trainers Course
- Maintenance Qualification Training
- Flight line Engine Operation
- Aircraft Advanced Troubleshooting
- Multipoint Refueling Systems
- Certified Physical Training Leader

Belmont Technical College

- Welding and Fabrication
- Completed 51 credit hours in Oxyacetylene, Shielded Arc, MIG, and TIG welding.
- Weld testing, Welding problems and solutions, and welding fabrication

Training:

- Weld Checker, Red Dye
- Power Up & Lead
- Front Line Leadership training
- OSHA 30hr training
- Root Cause Analysis (LCA- Failsafe)
- JSA/JHA courses
- HPI Tool Training
- Clearance Permit System Training & Annual Refreshers
- Excavation Safety for Competent Person

Current U.S. Citizen



EDUCATION

2001-2005 Marshall University
Lewis College of Business
Graduated May of 2005
Bachelor's Degree in Accounting
Minors: History and Economics

EMPLOYMENT

Jan 2024 - Present Plant Manager - Mitchell Plant

Job Description: Focusing on achieving Zero Harm through utilization of HPI tools, Staffing/Resource Management, Business Plans, Oversee all aspects of the business site finances, Operation of the facility via Operations, Material Handling and the Lab, & Site Maintenance Program. Promote a Continuous Improvement program.

Jan 2018 - June 2021 Energy Production Supt Sr - Mitchell Plant

Job Description: Focusing on achieving Zero Harm through utilization of HPI tools, Staffing/Resource Management, Business Plans, Oversee Operation of the facility via Operations, Material Handling and the Lab, Plant Health Report, HR/Labor Relation/Union Grievances/Messages, PMRs/ Developmental Plans for direct & indirect reports, Promote Lean & Achieving Excellence & much more

Jan 2018 - Dec 2019 Maintenance Supervisor - John Amos Plant

Job Description: Focusing on achieving Zero Harm, implementing lean ideas, completing Gap Action Plans, controlling the facility budget, reviewing emergent work, PM compliance & schedule compliance.

Feb 2017 - Jan 2018 Maintenance Supervisor (Outage Coordinator FO/SO) – John Amos Plant

Job Description: coordinating work with contractors and plant maintenance, helped to create Operations Outage Priority sheet which is now a key focus in our outage efforts, performing planning/travelers for Forced and scheduled outage, getting directly involved in our Long Range Plan, working with the scheduler to improve our pre-fabricating process for our outages which has led to availability for work scope increase during the outages. Developing a new Plant Health Report

Jul 2015 - Jan 2017 Maintenance Supervisor – John Amos Plant

Job Description: Completed CI upgrade project on AOD/Urea systems - installed all new valves, piping, etc, Upgraded Urea System to improve pump efficiencies, installed new strainers to prevent pump failures, focused on improving leaks, ventilation, etc to allow building entry without respirators, implemented Intent Based Leadership at John Amos, focused on Unit 3 steam process planning and forced outage work planning/coordination

Jan 2015 - July 2015 Plant System Owner I (Operations Supervisor) - Big Sandy Plant AEP

Job Description: Check completion of routine operator rounds, job briefs, crew time entry, work requests, assist with clearance system and perform safety meetings/implement HPI tools

Jan 2014 - Dec 2014 Plant System Owner I (Maintenance Supervisor) - Big Sandy Plant AEP

Job Description: Run Maintenance Crew, Identify weekly work plans, Clearance Request/Discussions, Review pertinent JHAs/SIBs, Job Briefs, Implement HPI Tools, Work Requests, & Delivered all Corporate messages/initiatives directly to crew.

Jan 2013 - Dec 2013 Plant System Owner I (Coal Yard Evening Shift Supervisor) - Big Sandy Plant AEP

Job Description: Control Fuels Budget, CY Outages, Job Briefs, Implement HPI Tools, Checking Equipment, Work Requests, CY Clearances & Organize Contract Labor

Oct 2012-Dec 2012 Labor Gang Supervisor- Big Sandy Plant AEP

Job Description: Manpower contract labor crew - housekeeping, combustible dust cleaning, i.e., using a vacuum truck in the unit, washing coal conveyors & outage cleaning

2010-2012 Administrative Supervisor- Big Sandy Plant AEP

Job Description: Budgeting, front-line leadership of the plant accounting department, housekeeping, & LITA (IT Rep)

2008-2010 Administrator III – Kanawha River Plant- AEP

Job Description: Budgeting, LITA representative, NERC Lead, capital work orders, security, assist/direct admin department, housekeeping & materials coordinator

2005-2008 Administrative Associate - Kanawha River Plant- AEP

Job Description: Process invoices, contracts, coal entry/pricing & ash entry/billing

Training:

- Generation Targeted Leadership Development Program 2015
- HPI Tool Training
- Clearance Permit System Training & Annual Refreshers
- JSA/JHA courses
- NERC CIP training
- Root Cause Analysis (LCA- Failsafe)
- Business Financial Accounting Online Training- AEP Specific
- OSHA 30hr training
- Front Line Leadership training-
- Power Up & Lead
- Business/Technical Writing Course
- Business Objects/Cognos Training
- Scaffold Competency
- Vibration Analysis
- Oil Analysis
- Weld Checker
- Red Dye (2)
- Weld Checker Planner (2)
- Intent Based Leadership Plant Facilitator



WORK EXPERIENCE

American Electric Power, Columbus, Ohio | April 2011 - Present

Director – Civil Engineering | Dec 2024 - Present

- Lead technical team of Civil, Structural and Geotechnical engineers supporting both existing and new generating facilities.

Director / Manager – New Generation & Project Engineering | Aug 2019 - Dec 2024

- Led multidisciplinary teams in the development and execution of Wind, Solar, Battery, and Gas generation projects.
- Directed bid strategy and self-development processes to deliver competitive proposals for new generation initiatives.
- Oversaw procurement and engineering design for gas turbine equipment and plant siting studies.
- Collaborated with internal and external stakeholders to align generation deployment strategies and execution plans.
- Presented project outcomes to executive leadership and advanced Shared Services strategy for major initiatives.
- Mentored engineering staff and drove organizational culture initiatives to enhance team performance and engagement

Supervisor / Engineer, Civil Engineering | April 2011 - Aug 2019

- Supported Civil Engineering projects at existing power plants.
- Managed capital and retirement projects at existing power plants, including ELG retrofits and CCR closures.
- Led engineering efforts for hydro facilities and wind repower projects
- Developed and oversaw environmental and Dam Safety compliance programs (CCR & ELG).
- Conducted risk assessments for coal ash and cooling lake infrastructure.
- Contributed to O&M strategy development for renewable assets within cross-functional teams.

EMH&T Inc, Columbus, Ohio | April 2004 - April 2011

Design Engineer

- Performed engineering and led team for large utility, industrial, municipal, and commercial projects

LICENSURE & CERTIFICATIONS

- Registered Professional Engineer in the State of Ohio since 2008

EDUCATION

The Ohio State University, Columbus, Ohio

B.S. Civil Engineering, June 2003



CAREER SUMMARY	Continue building trusting relationships with various organizations throughout AEP, while utilizing my leadership, knowledge, and abilities to successfully and safely complete projects.	
CERTIFICATIONS, TRAINING & EDUCATION	• OSHA 510 and 500 • Certified Rigging Instructor • Over 60 Welding Certifications from SMAW-GTAW • 2000 Graduate Apprentice	
SKILLS	• Can manage multiple projects simultaneously, meeting schedule dates and customer expectations • Building a teamwork atmosphere with all parties involved in project processes	• Time management • Proficient in multiple AEP programs/software
WORK HISTORY	SITE CONSTRUCTION MANAGER – AEP SS CONSTRUCTION SVCS 07/2024 – Present Responsible for the management, coordination, and supervision of one or more AEP construction projects. Direct and administer the planning, scheduling, QA/QC, contract administration, coordination, and supervision of all construction work activities in a safe, efficient, and economical manner. Provide leadership, communication, and develop partnerships with internal (plant management teams) and external customers, labor contractors, suppliers, vendors, and governmental agencies • Mitchell Cooling Tower Shell Reinforcement • Mitchell Haul Road • Mitchell Waste Water Treatment Facility CONSTRUCTION COORDINATOR SR – AEP PS CONSTRUCTION SVCS 06/2017 – 07/2024 Coordinate assigned construction projects located in AEP service territory. Participate in planning, scheduling, and coordination of all construction work activities in a safe, efficient, and economical manner. Collaborate with Plant management teams and external customers, labor, contractors, suppliers, vendors, and governmental agencies. • Amos CCR/ELG • Rockport DSI • Amos U3 Air Heater Upgrades • Wilkes Reheat/Superheat/Outlet Header Change Out • Welsh Rail Car Dumper Replacement • Welsh U2 Precipitator Demo • Welsh Pulse Jet Fabric Filter	



Leadership

29+ years of Power Generation Industry experience; 15+ years in a leadership role with responsibility for overseeing and directing the activities of facility employees and contractors in a safe, compliant, reliable, and economical manner, including electric power production, maintenance, engineering, construction, accounting, procurement, materials management, human resources, public affairs, and compliance with regulating agencies. This responsibility also includes developing strategic and tactical plans to ensure that performance and budget are aligned with asset management expectations. Additionally, establishing and maintaining two-way communication with employees, managers, and the public, as well as providing leadership and managing change through the development of a culture that promotes/supports teamwork, process improvement activities, employee development, and proper recognition and reward.

Experience

01/2024 – Present

VP Generation Assets • Appalachian Power Company • Charleston, WV

04/2022 – 01/2024

Managing Director Generation & Indiana & Michigan Power, Kentucky Power • Rockport, IN

12/2020 – 04/2022

Plant Manager Rockport Plant • AEP • Rockport, IN

05/2018– 12/12/20

Plant Manager Clinch River • AEP • Cleveland, VA

01/2017– 05/2018

Plant Manager – Gavin Plant • Lightstone Generation LLC • Gallipolis, OH

08/2015 – 01/2017

Plant Manager – Gavin Plant • AEP • Gallipolis, OH

05/2011 – 08/2015

Facility Manager – Waterford & Wind Generation • AEP • Waterford, OH / Abilene, TX / Iraan, TX

08/1996 – 05/2011

Various roles – Clinch River & Sporn • AEP • Cleveland, VA / New Haven, WV

Education

Bachelor of Science, Mechanical Engineering / Virginia Tech, Blacksburg, VA



My goal is to steadily obtain more challenging and fulfilling roles that utilize my strong analytical skills and ability to improve the performance of those around me.

EXPERIENCE

2022 - PRESENT

BUDGET ANALYST STAFF, AEP – APPALACHIAN POWER BUSINESS OPERATIONS

Manage operations and maintenance (O&M) budgets and Capital budgets for Appalachian Power (APCo), Wheeling Power, and Kentucky Power generating assets which total \$300M annually and include jointly owned facilities and facilities with concurrent cost recovery requiring special handling. Provide Generation data and help build testimony for base rate cases, various filings, and discovery questions. Data includes, but not limited to: O&M expenses, fuel costs, capital expenditures, plant in service activity, and operational data. Coordinate with Regulatory team and witnesses to ensure data is telling the same story as the associated testimony. Build, schedule, and maintain Cognos reports, often joining many different data sources, for users throughout AEP.

2021- 2022

BUDGET ANALYST SENIOR, AEP – APPALACHIAN POWER BUSINESS OPERATIONS

Assisted budgeting O&M and Capital for APCo Distribution and aligned Distribution's project work plan with the budget. Provided Distribution data for various filings and discovery questions. Created, managed, and closed major storm and mutual assistance work orders.

2019 - 2021

ADMINISTRATIVE SUPV, AEP - MITCHELL PLANT

Managed the accounting operations at the Mitchell Plant, which included budgeting, variance reporting, invoice processing, contract requisitions, capital work order processing, Sarbanes-Oxley compliance, document retention, ad-hoc reporting, and managing direct reports. Self-taught Cognos and supported the eastern Generation fleet by creating dozens of Cognos reports for various business needs and facilitated several group and one-on-one Cognos training sessions via WebEx.

2018 - 2019

ADMINISTRATIVE SUPT/ACCOUNTING AND BUSINESS SYSTEM PROCESS OWNER, CARDINAL OPERATING COMPANY - CARDINAL PLANT

Successfully managed the transition of the accounting, procurement, and inventory management functions from AEP to Buckeye Power in March 2018. Owned the Asset Suite application and integrations with other systems (ComTrac, Dynamics GP, Oracle, and ADP), developed numerous new work processes, and worked with ABB to develop Power BI reporting cubes and subsequent reports on Asset Suite data.

2013 - 2018

ADMINISTRATIVE SUPV/SUPT, AEP/AEP GENERATION RESOURCES - CARDINAL PLANT

Managed the accounting operations at the Cardinal Plant, which included budgeting and variance reporting separately for each owner, invoice processing, contracting, capital work order processing, Sarbanes-Oxley compliance, document retention, ad-hoc reporting, and managing direct reports. Completed Generation Resource's leadership development program, attended Lean Green Belt training facilitated by Bescorp, and facilitated the financial module for Front Line Leader Training several times.

2007 - 2013

COAL EQUIPMENT OPERATOR, AEP - CARDINAL PLANT

Safely operated heavy equipment and conveyor belts to reclaim, stockpile, and load out coal, limestone, and gypsum. Facilitated aerial lift training and served as step up supervisor. Installed water lines along coal conveyors for cleaning and executed other process improvement ideas.

EDUCATION

2005

B.A. MATHEMATICS AND ECONOMICS, OHIO UNIVERSITY

4.0 GPA, Summa Cum Laude, Phi Beta Kappa member

2001

HIGH SCHOOL DIPLOMA, BUCKEYE LOCAL HIGH SCHOOL

4.0 GPA, Valedictorian, 2-time National Spelling Bee participant

SKILLS

- Strong analytical skills
- Excellent coach and mentor
- Self-motivated
- Cognos, Power BI, and Business Objects
- Asset Suite, Maximo, and Storms
- Ability to quickly learn new processes
- Synthesizing process improvement ideas
- Constant pursuit of excellence
- Microsoft Office suite
- PeopleSoft, ComTrac, PowerPlan, MSC

Application for Federal Assistance SF-424		
* 1. Type of Submission: ☒ Preapplication ☐ Application ☐ Changed/Corrected Application		
* 2. Type of Application: ☒ New ☐ Continuation ☐ Revision		
* If Revision, select appropriate letter(s): * Other (Specify): 		
* 3. Date Received: 11/21/2025		4. Applicant Identifier:
5a. Federal Entity Identifier: 		5b. Federal Award Identifier:
State Use Only:		
6. Date Received by State:		7. State Application Identifier:
8. APPLICANT INFORMATION:		
* a. Legal Name: Wheeling Power Company		
* b. Employer/Taxpayer Identification Number (EIN/TIN): REDACTED		* c. UEI: PXY1JRBLEJV9
d. Address:		
* Street1: 1 Riverside Plaza		
Street2:		
* City: Columbus		
County/Parish:		
* State: OH: Ohio		
Province:		
* Country: USA: UNITED STATES		
* Zip / Postal Code: 43215-2373		
e. Organizational Unit:		
Department Name: 		Division Name:
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: * First Name: Scott		
Middle Name:		
* Last Name: Osterholt		
Suffix:		
Title: Managing Director Federal Grants & Broadband		
Organizational Affiliation: American Electric Power (AEP)		
* Telephone Number: REDACTED		Fax Number:
* Email: REDACTED		

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

Q: For-Profit Organization (Other than Small Business)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

DOE

11. Assistance Listing Number:

81.255

Assistance Listing Title:

Clean Energy Demonstrations

*** 12. Funding Opportunity Number:**

DE-FOA-0003605

* Title:

Restoring Reliability: Coal Recommissioning and Modernization

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Mitchell Mechanical Draft Cooling Tower Modernization Project

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	
* b. Applicant	
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	

* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☒ c. Program is not covered by E.O. 12372.

* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)

☐ Yes ☒ No

If "Yes", provide explanation and attach

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: * Date Signed:

[View Burden Statement](#)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424			
* 1. Type of Submission: ☒ Preapplication ☐ Application ☐ Changed/Corrected Application		* 2. Type of Application: ☒ New ☐ Continuation ☐ Revision	
		* If Revision, select appropriate letter(s): * Other (Specify): 	
* 3. Date Received: 11/21/2025		4. Applicant Identifier: 	
5a. Federal Entity Identifier: 		5b. Federal Award Identifier: 	
State Use Only:			
6. Date Received by State:		7. State Application Identifier:	
8. APPLICANT INFORMATION:			
* a. Legal Name: Wheeling Power Company			
* b. Employer/Taxpayer Identification Number (EIN/TIN): REDACTED		* c. UEI: PXY1JRBLEJV9	
d. Address:			
* Street1: 1 Riverside Plaza			
Street2:			
* City: Columbus			
County/Parish:			
* State: OH: Ohio			
Province:			
* Country: USA: UNITED STATES			
* Zip / Postal Code: 43215-2373			
e. Organizational Unit:			
Department Name: 		Division Name: 	
f. Name and contact information of person to be contacted on matters involving this application:			
Prefix:		* First Name:	Scott
Middle Name:			
* Last Name:	Osterholt		
Suffix:			
Title: Managing Director Federal Grants & Broadband			
Organizational Affiliation: American Electric Power (AEP)			
* Telephone Number: REDACTED		Fax Number:	
* Email: REDACTED			

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

Q: For-Profit Organization (Other than Small Business)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

DOE

11. Assistance Listing Number:

81.255

Assistance Listing Title:

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* Title:

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Delete Attachment

View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Mitchell Mechanical Draft Cooling Tower Modernization Project

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

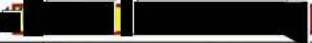
Application for Federal Assistance SF-424	
16. Congressional Districts Of:	
* a. Applicant	OH-015
* b. Program/Project	WV-002
Attach an additional list of Program/Project Congressional Districts if needed.	
	Add Attachment Delete Attachment View Attachment
17. Proposed Project:	
* a. Start Date:	06/01/2026
* b. End Date:	09/29/2028
18. Estimated Funding (\$):	
* a. Federal	
* b. Applicant	
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	
* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?	
☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .	
☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.	
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* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)	
☐ Yes ☒ No	
If "Yes", provide explanation and attach	
Add Attachment Delete Attachment View Attachment	
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)	
☒ ** I AGREE	
** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.	
Authorized Representative:	
Prefix:	
* First Name:	Scott
Middle Name:	
* Last Name:	Osterholt
Suffix:	
* Title:	Managing Director Federal Grants & Broadband
* Telephone Number:	
Fax Number:	
* Email:	
* Signature of Authorized Representative:	
* Date Signed:	

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C.1352

OMB Number: 4040-0013
Expiration Date: 02/28/2025

Review Public Burden Disclosure Statement

1. * Type of Federal Action: ☐ a. contract ☒ b. grant ☐ c. cooperative agreement ☐ d. loan ☐ e. loan guarantee ☐ f. loan insurance	2. * Status of Federal Action: ☐ a. bid/offer/application ☒ b. initial award ☐ c. post-award	3. * Report Type: ☒ a. initial filing ☐ b. material change
4. Name and Address of Reporting Entity: ☒ Prime ☐ SubAwardee * Name: Wheeling Power Company * Street 1: 1 Riverside Plaza Street 2: * City: Columbus State: OH: Ohio Zip: 43215-2373 Congressional District, if known:		
5. If Reporting Entity in No.4 is Subawardee, Enter Name and Address of Prime: 		
6. * Federal Department/Agency: DOE		7. * Federal Program Name/Description: Restoring Reliability: Coal Recommissioning and Modernization DE-FOA-0003605 CFDA Number, if applicable: 81.255
8. Federal Action Number, if known: 		9. Award Amount, if known: \$
10. a. Name and Address of Lobbying Registrant: Prefix * First Name Kate Middle Name * Last Name Marks Suffix * Street 1: 750 9th St NW Street 2: * City: Washington State: DC: District of Columbia Zip: 20001		
b. Individual Performing Services (including address if different from No. 10a) Prefix * First Name Kate Middle Name * Last Name Marks Suffix * Street 1: 750 9th St NW Street 2: * City: Washington State: DC: District of Columbia Zip: 20001		
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when the transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. * Signature:  * Name: Prefix * First Name Scott Middle Name * Last Name Osterholt Suffix Title: Managing Director Federal Grants & Broadband Telephone No.: Date: 		
Federal Use Only:		Authorized for Local Reproduction Standard Form - LLL (Rev. 7-87)

Techno-Economic Analysis
Mitchell Mechanical Draft Cooling Tower Modernization Project

Notice of Restriction on Use and Disclosure of Information: *All pages of this document may contain business sensitive, trade secret, proprietary, or otherwise confidential information that is exempt from public disclosure, as indicated by highlight. Such information shall be used or disclosed only for evaluation purposes or in accordance with a financial assistance, loan, or Other Transaction Agreement between the submitter and the Government. The Government may use or disclose any information that is not appropriately marked or otherwise restricted, regardless of source.*

The Company requires a capital investment in Unit 2's cooling tower to ensure the continued safe and reliable operation of the Mitchell Plant for its customers.

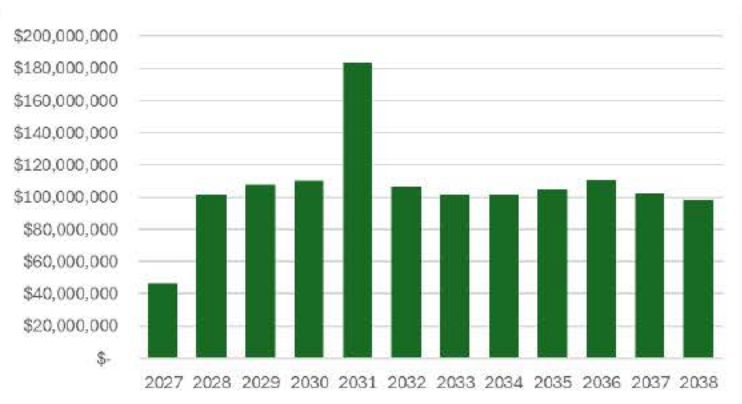
Alternatives Considered

Four options were evaluated to address the Unit 2 cooling tower at the Mitchell Plant. Option 1 was to expand and extend the exterior shell reinforcement project. Option 2 was to retire Unit 2 and partially demolish the existing Unit 2 cooling tower. Option 3 was to construct a new mechanical draft cooling tower and partially demolish the existing Unit 2 cooling tower. Option 4 was to reduce the height of the existing Unit 2 cooling tower and continue with a reduced scope of exterior shell reinforcement.

Economic Analysis

In this type of analysis, the Company aims to find the most cost-effective option for its customers. The Company examined the Present Value (PV) of the Revenue Requirements (RRs) from 2027-2038 and the Average Yearly Revenue Requirements. RR is the focus of the economic analysis, as this is what the customer will ultimately pay through their bills for the project. The Company works to provide safe, reliable power to customers through the least costly option.

Option 2 – retiring the unit – is the least viable, as it would lead to a capacity and energy shortfall beginning in 2026, and result in high costs for customers. This shortfall, along with further economic analysis of replacing the capacity provided through market purchases and building a new generation resource, led to the option not being pursued or recommended. [REDACTED]



[REDACTED]

However, if Option 3 were not available to the Company, this option would have to be reconsidered, given the high-risk profile of Options 1 and 4. The results of the PV Revenue Requirement and Average Revenue Requirement were as follows:

	Option 2
PV RR 2027 - 2038	[REDACTED]
Average RR 2027-2038	[REDACTED]

Discount Rate for PV calculation: 6.95%

The other options were deemed more viable, and an economic analysis was conducted to determine the least costly option for customers, while also evaluating the qualitative benefits and risks associated with each option. The analysis considered the capital costs of the options and determined the revenue requirement that would be collected from customers. Other inputs into the economic analysis included the option's life, when the option could be placed in service, whether an outage would be required for construction, and any lost energy margins due to derates (decreases in capacity) of the unit. The results of the PV RR and Average RR were as follows for Options 1, 3, and 4:

	Option 1	Option 3	Option 4
PV RR 2027-2038	[REDACTED]	[REDACTED]	[REDACTED]
Average RR 2027-2038	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

[REDACTED]

The economics for customers only improve if the Company were to be granted \$50 million for the project, as it would reduce the cost to customers by roughly \$6 million per year.

	Option 3 with Grant
PV RR 2027 - 2038	
Average RR 2027-2038	

Years with zero revenue requirement (due to the timing of when the project can go into service) were omitted from the Average RR calculation so as not to skew the results.

Discount rate for PV calculations: 6.95%.

Ultimately, Option 3 was selected for the construction of a new mechanical draft tower. This option provides the lowest average cost to customers – 80% cheaper than retiring the unit – and increases optionality for the future of Mitchell Plant operations due to the longer life of the new mechanical draft tower.



Control Number: 3605-1510

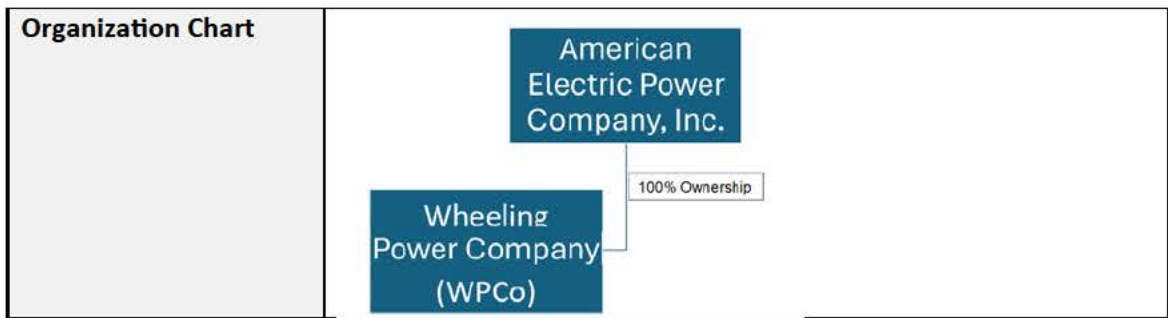
Transparency of Foreign Connections

Mitchell Mechanical Draft Cooling Tower Modernization Project

Disclosure Information	
*Entity Name	Wheeling Power Company
*Website Address	https://www.appalachianpower.com/
*Mailing Address	1 Riverside Plaza, Columbus, OH 43215
*Project Participants Party to ANY Malign Foreign Talent Recruitment Program	AEP does not work with Foreign Government Talent Recruitment Programs (FGSTRP).
Country of Risk Joint Venture or Subsidiary	None at this time.
Current or Pending Foreign Contractual or Financial Obligation	None at this time.
Percentage Foreign Ownership or Control	None at this time.
Percentage Country of Risk Ownership	0%
Percentage Country of Risk Investment	0%
*Country of Risk Technology Licensing of Intellectual Property Sales	None at this time.
*Foreign Equipment	None at this time.
Foreign Entity Relationships	None at this time.
List of Company Directors (and Board Observers)	Please refer to the Applicant's most current Annual Report, filed with the Securities and Exchange Commission.
Complete Capitalization Table	Please refer to the Applicant's most current Annual Report, filed with the Securities and Exchange Commission.
Principal Place of Incorporation for Equity Holders	Please refer to the Applicant's most current Annual Report, filed with the Securities and Exchange Commission.
Rounds of Financing Table	Please refer to the Applicant's most current Annual Report, filed with the Securities and Exchange Commission.



Control Number: 3605-1510





Control Number: 3605-1510

Transparency of Foreign Connections

Mitchell Mechanical Draft Cooling Tower Modernization Project

Disclosure Information	
*Entity Name	Project lead organization: Wheeling Power Company Partner company associated with this disclosure: Kentucky Power Company
*Website Address	https://www.kentuckypower.com/
*Mailing Address	1 Riverside Plaza, Columbus, OH 43215
*Project Participants Party to ANY Malign Foreign Talent Recruitment Program	AEP does not work with Foreign Government Talent Recruitment Programs (FGSTRP).
Country of Risk Joint Venture or Subsidiary	None at this time.
Current or Pending Foreign Contractual or Financial Obligation	None at this time.
Percentage Foreign Ownership or Control	None at this time.
Percentage Country of Risk Ownership	0%
Percentage Country of Risk Investment	0%
*Country of Risk Technology Licensing of Intellectual Property Sales	None at this time.
*Foreign Equipment	None at this time.
Foreign Entity Relationships	None at this time.
List of Company Directors (and Board Observers)	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.
Complete Capitalization Table	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.



Control Number: 3605-1510

Principal Place of Incorporation for Equity Holders	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.
Rounds of Financing Table	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.
Organization Chart	<pre>graph TD; AEP[American Electric Power Company, Inc.] -- "100% Ownership" --> KPCo[Kentucky Power Company (KPCo)];</pre>



Control Number: 3605-1510

Transparency of Foreign Connections

Mitchell Mechanical Draft Cooling Tower Modernization Project

Disclosure Information	
*Entity Name	Project lead organization: Wheeling Power Company Partner company associated with this disclosure: American Electric Power Service Corporation
*Website Address	https://www.aep.com/
*Mailing Address	1 Riverside Plaza, Columbus, OH 43215
*Project Participants Party to ANY Malign Foreign Talent Recruitment Program	AEP does not work with Foreign Government Talent Recruitment Programs (FGSTRP).
Country of Risk Joint Venture or Subsidiary	None at this time.
Current or Pending Foreign Contractual or Financial Obligation	None at this time.
Percentage Foreign Ownership or Control	None at this time.
Percentage Country of Risk Ownership	0%
Percentage Country of Risk Investment	0%
*Country of Risk Technology Licensing of Intellectual Property Sales	None at this time.
*Foreign Equipment	None at this time.
Foreign Entity Relationships	None at this time.
List of Company Directors (and Board Observers)	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.
Complete Capitalization Table	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.



Control Number: 3605-1510

Principal Place of Incorporation for Equity Holders	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.
Rounds of Financing Table	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.
Organization Chart	<pre>graph TD; AEP[American Electric Power Company, Inc.] -- "100% Ownership" --> AEPSC[American Electric Power Service Corp. (AEPSC)];</pre>



Control Number: 3605-1510

Transparency of Foreign Connections

Mitchell Mechanical Draft Cooling Tower Modernization Project

Disclosure Information	
*Entity Name	Project lead organization: Wheeling Power Company Partner company associated with this disclosure: Appalachian Power Company
*Website Address	https://www.appalachianpower.com/
*Mailing Address	1 Riverside Plaza, Columbus, OH 43215
*Project Participants Party to ANY Malign Foreign Talent Recruitment Program	AEP does not work with Foreign Government Talent Recruitment Programs (FGSTRP).
Country of Risk Joint Venture or Subsidiary	None at this time.
Current or Pending Foreign Contractual or Financial Obligation	None at this time.
Percentage Foreign Ownership or Control	None at this time.
Percentage Country of Risk Ownership	0%
Percentage Country of Risk Investment	0%
*Country of Risk Technology Licensing of Intellectual Property Sales	None at this time.
*Foreign Equipment	None at this time.
Foreign Entity Relationships	None at this time.
List of Company Directors (and Board Observers)	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.
Complete Capitalization Table	Please refer to the Applicant's most current Annual Report, filed with the Securities and Exchange Commission.



Control Number: 3605-1510

Principal Place of Incorporation for Equity Holders	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.
Rounds of Financing Table	Please refer to the most current Annual Report, filed with the Securities and Exchange Commission.
Organization Chart	The organization chart shows a hierarchical structure. At the top is a blue box containing the text "American Electric Power Company, Inc.". A line descends from the bottom of this box and connects to another blue box below it, which contains the text "Appalachian Power Company (APCo)".

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

KPSC Provide any documents from the federal government that list or reference
PHDR 1_3 the DOE award and any terms or conditions of the award, including any
contract or memorandum of understanding.

RESPONSE

Please see KPCO_R_KPSC_PHDR_1_1_Attachment1. The Company has not yet entered into any contract or memorandum of understanding that would outline the conditions for the award. The awarded funds of \$51 million are expected to be under contract by July 31, 2026. Funds will be awarded when the project meets milestones and deliverables.

Witness: Amy J. Elliott

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

KPSC Explain why the application for the DOE award had to be limited to
PHDR 1_4 building the new mechanical draft cooling tower and could not have included the alternative options.

RESPONSE

The DOE funding opportunity was highly competitive with applicants seeking funds from a finite pool of resources. The Company's DOE grant application was developed and submitted in alignment with the project alternative that had been selected by the Mitchell Operating Committee. The mechanical draft cooling tower replacement was a better fit for the DOE funding opportunity than the other alternatives because: (1) it is a well-defined project with clearly identifiable costs, scope, schedule, and benefits; and (2) it was the only option evaluated that met the DOE award program requirements for projects focused on modernization investments that could demonstrably improve reliability and extend the useful life of existing generating assets.

The new mechanical draft cooling tower directly supports the DOE award program objectives by addressing a critical component of plant infrastructure that is essential to the continued operation and long-term viability of the Mitchell Plant. Its defined scope and measurable operational benefits aligned closely with the program's evaluation criteria, making it a strong candidate for funding. As part of the application, the Company was required to submit a technical and economic analysis (TEA) of the project. The TEA showed that the new mechanical draft cooling tower was the best alternative for addressing the structural issues associated with the Unit 2 Cooling Tower.

The Company could not have included the repair-based alternatives because those alternatives are not considered modernization investments and would not have met the requirements of the DOE funding opportunity. Moreover, the TEA demonstrated that the new mechanical draft cooling tower was the best alternative, so including the other alternatives would have been internally inconsistent, made the new mechanical draft cooling tower less competitive for funding, and risked losing the DOE award and the benefits to customers.

Witness: Amy J. Elliot

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

KPSC Describe how maintenance records for the Mitchell generating station are
PHDR 1_5 maintained and the years for which records are available.

RESPONSE

Maintenance records for the Mitchell generating station are currently kept and maintained within the Companies work management system called Maximo, which was implemented in 2019. Prior to implementation of Maximo, records were maintained on the Company's legacy recordkeeping systems. Based on the Company's review of available records, there are no documented maintenance activities that were performed on, or maintenance needs identified for, the Unit 2 Cooling Tower shell prior to the discovery of the anomalies in 2016.

Witness: Joshua D. Snodgrass

Kentucky Power Company
KPSC Case No. 2026-00001
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DATA REQUEST

KPSC PHDR 1_6	Identify and describe any inspections, maintenance, or other due diligence that was completed, scheduled, or otherwise required to maintain, monitor, and/or determine the condition of the Unit 2 cooling tower since its construction, including but not limited to any inspections that were completed as part of the due diligence for Kentucky Power's purchase of a portion of Mitchell Plant.
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RESPONSE

Inspections of the Unit 2 Cooling Tower's wood fill structure that is situated below the shell, as well as mechanical components of the Unit 2 Cooling Tower other than the outer shell (such as piping, valves, and instrumentation) were routinely performed to ensure the performance of that mechanical equipment. Cooling tower shell inspections are not regularly required but instead are typically managed using a condition-based, risk-informed approach. Inspection frequency is determined through engineering judgment and consideration of factors such as observed deterioration, aging, risk profile, changes in operating conditions, and known industry or fleet issues, or significant loading events such as severe weather to ensure continued structural integrity and reliable operation. A detailed discussion of the tests and inspections performed by the Company on the Unit 2 Cooling Tower is provided in the Company's response to KPSC 1-14.

Since discovering the structural issues at the Unit 2 Cooling Tower, the Company has implemented a monitoring program composed of four key elements: continuous structural monitoring, annual drone inspections, bi-annual LiDAR assessments, and Wind Weather monitoring. Additional information about the monitoring program is provided in Company Witness Pizzino's Direct Testimony and in the Hearing Testimonies of Company Witnesses Pizzino and Snodgrass.

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The Company provided testimony and responses to data requests in Case No. 2012-00578 regarding the condition of the Mitchell Plant. In particular, the Company's response to KPSC 1-33, filed on February 20, 2013, outlines the process used at the plant to monitor and maintain the condition of the Plant. Attachments 3-16 of the Company's response to KPSC 1-33 contain hundreds of pages of inspection reports outlining the condition of the Plant. As described above, because there was no condition-based reason to inspect the Unit 2 Cooling Tower prior to the visual identification of the structural anomalies, there are no inspection reports for the Unit 2 Cooling Tower.

Witness: Joshua D. Snodgrass

Witness: Daniel W. Pizzino

Kentucky Power Company
KPSC Case No. 2026-00001
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DATA REQUEST

KPSC Provide copies of any reports, logs, or other documentation of inspections
PHDR 1_7 or the condition of the Unit 2 cooling tower from its construction until
 2016.

RESPONSE

Please see the Company's responses to KPSC 1-1 and KPSC 1-14 for a list of all Cooling Tower inspections performed for which the Company has records and copies of the associated reports.

Witness: Joshua D. Snodgrass

Witness: Daniel W. Pizzino

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
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DATA REQUEST

KPSC Explain the difference in the inspection schedules of Unit 1's cooling
PHDR 1_8 tower and Unit 2's cooling tower.

RESPONSE

Cooling tower shell inspections are typically managed using a condition-based, risk-informed approach rather than a fixed schedule. Inspection frequency is determined through engineering judgment and consideration of factors such as observed deterioration, aging, risk profile, changes in operating conditions, and known industry or fleet issues, or significant loading events such as severe weather to ensure continued structural integrity and reliable operations.

The structural issues discovered at the Unit 2 Cooling Tower in 2016 drove the need for increased inspections and monitoring. The Company has been unable to identify any records definitively explaining the reason for the 1990 Unit 1 Cooling Tower inspection.

Witness: Joshua D. Snodgrass

Witness: Daniel W. Pizzino

Kentucky Power Company
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DATA REQUEST

**KPSC
PHDR 1_9** Identify the rate or rates that Kentucky Power uses to calculate Allowance for Funds Used During Construction (AFUDC), e.g. its short-term debt rate, its long-term debt rate, etc., including the order in which it applies those rates; explain why Kentucky Power uses that rate or rates to calculate AFUDC; and identify and explain any FERC and generally accepted accounting standards that support the use of that rate or rates to calculate AFUDC.

RESPONSE

FERC Electric Plant Instruction No. 3, Item 17 and AEP's AFUDC Accounting Policy require that the cost rate for common stock utilized in the computation of the AFUDC rate is the ROE approved in the last base rate proceeding, as of the prior year end. Therefore, for 2026, Kentucky Power will continue to use the 9.75% ROE authorized in Case No. 2023-00159. Effective January 2027, the 9.75% ROE authorized in the Commission's February 28, 2026 Order in Case No. 2025-00257 will be used.

FERC Uniform System of Accounts:

Effective January 1, 1977, the FERC ordered accounting procedures for AFUDC (Order No. 561 issued February 2, 1977). AFUDC as provided in the Uniform System of Accounts is a two-part allowance. It includes:

1. An allowance for other funds used during construction, which includes the cost of common equity and preferred stock when so used, and;
2. An allowance for borrowed funds used during construction, which includes the cost of short-term debt and long-term debt when so used.

AFUDC is capitalized on the company's books by charging Account 107, Construction Work in Progress, as a component of construction cost and crediting Other Income, Account 419.1 - Allowance for Other Funds Used During Construction and/or crediting Interest Charges, Account 432 - Allowance for Borrowed Funds Used During Construction - Credit, as appropriate.

Generally Accepted Accounting Principles:

Capitalization of Interest:

Accounting Standards Codification (ASC) 835-20, Capitalization of Interest, permits capitalization of interest by all entities; however, such costs are limited to actual interest expense incurred for borrowed funds, imputed interest on certain payables and interest related to capital leases. AEP applies capitalized interest to its non-regulated subsidiaries in accordance with ASC 835-20.

The capitalization period begins when expenditures for the asset necessary to get the asset ready for its intended use are in progress and interest cost is being incurred. Interest capitalization then continues during the construction period. If substantially all activities related to the construction of the asset are suspended, interest capitalization should cease until activities are resumed.

The amount capitalized in an accounting period is determined by applying the capitalization rate to the average amount of accumulated expenditures for the asset during the period. The capitalization rates are based on the weighted average debt cost for Kentucky Power. The total amount of interest cost capitalized in an accounting period should not exceed the total amount of interest cost incurred in that period.

The capitalization period ends when the asset is placed in service which indicates that it is substantially complete and ready for its intended use.

ASC 835-20 recognizes that regulated entities capitalize both a cost of debt and a cost of equity capital during the construction period in accordance with ASC 980-835.

AFUDC:

ASC 980-835, Regulated Operations, Interest, addresses cases where a regulator requires an entity to capitalize the cost of financing construction as financed partially by borrowings and partially by equity (AFUDC). In such cases, the amounts capitalized for rate-making purposes as part of the cost of acquiring the assets shall be capitalized for financial reporting purposes instead of the amount of interest that would be capitalized in accordance with ASC 835-20.

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AEP applies AFUDC to Kentucky Power in accordance with ASC 980-835.

With the exception of the rate calculation, procedures to apply capital interest are the same as used for AFUDC unless indicated.

Witness: Lerah M. Kahn

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

- KPSC** Refer to the July 8, 2026 Hearing Video Transcript (HVT) at 11:14:15
PHDR 1_10 AM through 11:18:50 AM. Refer also to Kentucky Power's April 10, 2026 response to Commission Staff's First Request for Information (Staff's First Request), Item 5(b), KPCO_R_KPSC_1_5_ConfidentialAttachment3.
- a. Provide copies of the estimates for the approximately \$3 million full demolition cost included in Option 1, the approximately \$29 million partial demolition cost included in Option 3 and Option 4, and the approximately \$5 million full demolition.
 - b. Provide any correspondence with vendors regarding those estimated demolition costs.
 - c. If Kentucky Power contends that the estimates or correspondence were already provided as part of KPCO_R_KPSC_1_5_ConfidentialAttachment3, identify where each estimate and the relevant correspondence are included.
 - d. Explain the difference between the \$3 million and \$5 million full demolition costs.

RESPONSE

The Company is diligently working on completing its response to this request and has filed a Motion for Extension of Time to file its response by no later than July 30, 2026.

Witness: Shawn P. Malone

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

**KPSC
PHDR 1_11**

Refer to the July 8, 2026 HVT at 11:24:30 AM through 11:26:31 AM.

- a. Provide a copy of the bid or estimate solicitation for the initial project to repair the existing cooling tower discussed in the referenced testimony, any bids or estimates provided in response to that solicitation regardless of form, and any contracts that arose from that solicitation.
- b. Identify the response from the contractor that did not meet specifications and explain why.

RESPONSE

The Company is diligently working on completing its response to this request and has filed a Motion for Extension of Time to file its response by no later than July 30, 2026.

Witness: Shawn P. Malone

Kentucky Power Company
KPSC Case No. 2026-00001
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DATA REQUEST

**KPSC
PHDR 1_12**

Refer to the July 8, 2026 HVT at 11:27:35 AM through 11:29:35 AM.

- a. Provide any correspondence, memorandums or other documents that discuss the cost risks of Option 1 (completing the tower repairs) or the extent to which the original estimates should be escalated to estimate the costs going forward.
- b. Explain the percentage that was used to escalate the cost of Option 1, and explain why and how that percentage and the resulting final cost was chosen and why.
- c. Provide any correspondence with International Chimney Corporation regarding the estimated costs of Option 1.
- d. If Kentucky Power contends that the correspondence were already provided as part of KPCO_R_KPSC_1_5_ConfidentialAttachment3, identify where the relevant correspondence are included.

RESPONSE

The Company is diligently working on completing its response to this request and has filed a Motion for Extension of Time to file its response by no later than July 30, 2026.

Witness: Shawn P. Malone

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

KPSC Refer to the July 8, 2026 HVT at 11:35:00 AM through 11:37:00 AM.
PHDR 1_13 Refer also to the July 8, 2026 HVT at 11:38:15 AM through 11:40:00 AM.

- a. Provide any bids or memorandums from International Chimney Corporation relating to the estimates or scopes of work for Option 1 and Option 4 provided after it was determined that the cost or scope of the initial project would be more than anticipated.
- b. Provide any estimate, bid, or memorandum from International Chimney Corporation that projects the period in which Unit 2 would have to be offline for Option 4, and identify those portions of the documents provided that include that projection.

RESPONSE

The Company is diligently working on completing its response to this request and has filed a Motion for Extension of Time to file its response by no later than July 30, 2026.

Witness: Shawn P. Malone

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

KPSC State the expected outage time for Option 1, if any, and provide any
PHDR 1_14 relevant estimate or memorandums that contain that information.

RESPONSE

Please see the Company's response to KPSC 2-4. Option 1 was for Exterior Shell Remediation with no outage expected. Repair work to the tower would be completed while the tower is online.

Witness: Shawn P. Malone

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

- KPSC** Refer to Malone Direct Testimony, Confidential Exhibit SPM-1,
PHDR 1_15 Appendix B. Refer also to Kentucky Power's April 10, 2026 response to Staff's First Request, Item 5(b),
KPCO_R_KPSC_1_5_ConfidentialAttachment3 at page 448.
- a. Explain each change between the estimate included in Appendix B to Confidential Exhibit SPM-1 and Confidential Attachment 3 at page 448 that resulted in any differences to the relevant estimates;
 - b. Explain why each of those changes were made and who initiated the changes e.g. Worley, Kentucky Power, etc.; and
 - c. Provide any correspondence discussing changes to the estimate from when Confidential Attachment 3 at page 448 was first provided to Kentucky Power or an affiliate to when Appendix B was first provided to Kentucky Power or an affiliate.

RESPONSE

The Company is diligently working on completing its response to this request and has filed a Motion for Extension of Time to file its response by no later than July 30, 2026.

Witness: Shawn P. Malone

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

KPSC Refer to the Malone Direct Testimony, Confidential Exhibit SPM-1,
PHDR 1_16 Appendix B.

- a. Provide an itemized breakdown of all capital costs for Option 3 not included in the Total Installed Cost reflected in Confidential Exhibit SPM-1, Appendix B.
- b. For each category of cost listed in Confidential Exhibit SPM-1, Appendix B as not being included in the Total Installed Cost, explain where it fits in the itemized breakdown provided in response to subpart (a) and identify any other costs included in each component of the itemized breakdown not listed in Appendix B.

RESPONSE

a. Please see KPCO_R_KPSC_PHDR_1_16_ConfidentialAttachment1 and KPCO_R_KPSC_PHDR_1_16_ConfidentialAttachment2. Supporting details are in document "Confidential_Exhibit_SPM_1" under Direct Account Totals showing breakdown. Items not included in "Confidential_Exhibit_SPM_1" include corporate overheads and owner's costs. These costs are included in Rows D-G of KPCO_R_KPSC_PHDR_1_16_ConfidentialAttachment1.

b. All costs are included in the Total Installed Cost in KPCO_R_KPSC PHDR_1_12_ConfidentialAttachment1.

Witness: Shawn P. Malone

KPCO_R_KPSC_PHDR_1_16_ConfidentialAttachment1 is redacted in its entirety.

KPCO_R_KPSC_PHDR_1_16_ConfidentialAttachment2 is redacted in its entirety.

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

**KPSC
PHDR 1_17** Explain whether Kentucky Power would receive any partial capacity credit towards its PJM Interconnection, LLC (PJM) annual capacity requirements for the capacity from Unit 2 in the planning year in which Unit 2 would require to be offline for a portion of a year as expected in the event Option 4 is selected, and explain the basis for your response with reference to the relevant PJM business practice manuals, policies, and other written requirements.

RESPONSE

Kentucky Power could have included Mitchell in its FRR plan and received capacity value from the Plant if it had chosen to move forward with Option 4. However, because Option 4 requires an approximately six-month outage which will include non-shoulder months where planned outages are not permitted, the Company would have risked substantial penalties in Performance Assessment Intervals or through a Generation Resource Test Failure Charge. Mitigating these risks to customers would have required the Company to procure replacement capacity for Unit 2, which is the amount included in the Company's economic analysis of Option 4, for the entire delivery year to avoid potential penalties and provide safe, reliable service to its customers.

Witness: Nicole M. Coon

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Post Hearing Data Requests
Dated July 14, 2026

DATA REQUEST

KPSC Provide and explain the expected construction timeline for an
PHDR 1_18 approximately 450 MW simple cycle combustion turbine natural gas fired unit.

RESPONSE

Based on current information, accounting for equipment constraints arising from high demand and the manufacturing timeline, the Company estimates that the earliest a new 450 MW natural gas-fired, simple cycle combustion turbine unit could come online would be 2032.

Witness: Amy J. Elliott

VERIFICATION

The undersigned, Nicole M. Coon, being duly sworn, deposes and says she is Regulatory Consultant Staff for American Electric Power Service Corporation, that she has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and correct to the best of her information, knowledge, and belief.



Nicole M. Coon

Commonwealth of Kentucky)

)

Case No. 2026-00001

County of Boyd)

)

Subscribed and sworn to before me, a Notary Public in and before said County and State, by Nicole M. Coon, on July 27, 2026.



Notary Public

My Commission Expires N/A

Notary ID Number Attorney



BRETT E. SCHMIED, Attorney At Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration date
Sec. 147.03 R.C.

VERIFICATION

The undersigned, Amy J. Elliott, being duly sworn, deposes and says she is the Vice President of Regulatory and External Affairs for Kentucky Power, that she has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and correct to the best of her information, knowledge, and belief.

Amy J. Elliott

Amy J. Elliott

Commonwealth of Kentucky)

County of Boyd)

) Case No. 2026-00001

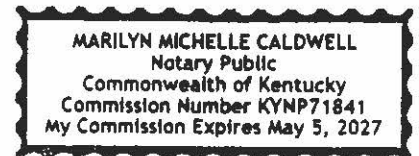
Subscribed and sworn to before me, a Notary Public in and before said County and State, by Amy J. Elliott, on July 27, 2026.

Marilyn Caldwell

Notary Public

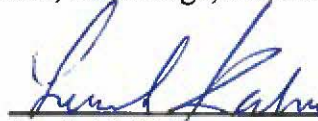
My Commission Expires May 5, 2027

Notary ID Number KYNP71841



VERIFICATION

The undersigned, Lerah M. Kahn, being duly sworn, deposes and says she is the Manager of Regulatory Services for Kentucky Power, that she has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and correct to the best of her information, knowledge, and belief.



Lerah M. Kahn

Commonwealth of Kentucky)

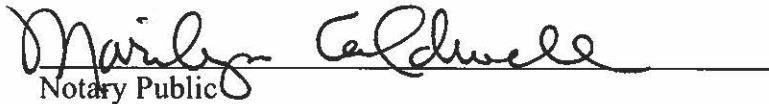
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Case No. 2026-00001

County of Boyd)

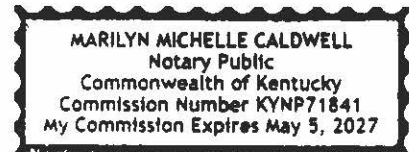
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Subscribed and sworn to before me, a Notary Public in and before said County and State, by Lerah M. Kahn, on July 27, 2027.


Notary Public

My Commission Expires May 5, 2027

Notary ID Number KYNP71841



VERIFICATION

The undersigned, Shawn P. Malone, being duly sworn, deposes and says he is the Director of Projects for American Electric Power Service Corporation, that he has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and correct to the best of his information, knowledge, and belief.

Shawn Malone

Shawn P. Malone

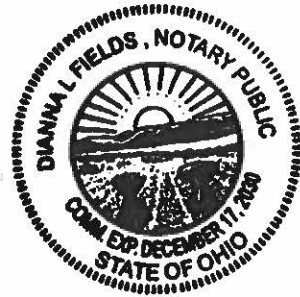
State of Ohio)
County Franklin)

Case No. 2026-00001

Subscribed and sworn to before me, a Notary Public in and before said County and State, by Shawn P. Malone, on July 9th, 2026.

Diana L. Fields

Notary Public



My Commission Expires December 17, 2030

Notary ID Number 2025-RE-897557

VERIFICATION

The undersigned, Daniel W. Pizzino, being duly sworn, deposes and says he is the Director of Generation Engineering for American Electric Power Service Corporation, that he has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and correct to the best of his information, knowledge, and belief.



Daniel W. Pizzino

State of Ohio)
County Franklin)

Case No. 2026-00001

Subscribed and sworn to before me, a Notary Public in and before said County and State, by Daniel W. Pizzino, on July 17, 2026.



Notary Public

My Commission Expires December 17, 2030

Notary ID Number 2025-RE-897557



VERIFICATION

The undersigned, Joshua D. Snodgrass, being duly sworn, deposes and says he is the Mitchell Plant Manager, that he has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and correct to the best of his information, knowledge, and belief.

Signed by:

Joshua D. Snodgrass

Joshua D. Snodgrass

Commonwealth of Kentucky)
)
County of Boyd)

Case No. 2026-00001

Subscribed and sworn to before me, a Notary Public in and before said County
and State, by Joshua D. Snodgrass, on 7/27/2026 | 9:33 AM EDT.

Signed by:

Michelle Caldwell

E9B1BC7AC31F421...

Notary Public

MARILYN MICHELLE CALDWELL
ONLINE NOTARY PUBLIC
COMMONWEALTH OF KENTUCKY
Commission #KYNP71841
My Commission Expires 5/5/2027

My Commission Expires May 5, 2027

Notary ID Number KYNP71841