

Kentucky Power Company
KPSC Case No. 2026-00001
Commission Staff's First Set of Data Requests
Dated March 19, 2026
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DATA REQUEST

- KPSC 1_3** Refer to the Wolfram Direct Testimony, page 14, lines 1–9.
- a. Provide any correspondence or other document from the Department of Energy discussing the grant requested for Kentucky Power or informing Kentucky Power or American Electric Power that Kentucky Power would not receive the grant.
 - b. Identify the entities and projects that received such grant funds.
 - c. Explain Kentucky Power’s understanding, if any, of why the Department of Energy did not award it a grant.
 - d. Explain whether there are other opportunities to fund the MCTP with grant funding.

RESPONSE

- a. Please see KPCO_R_KPSC_1_3_Attachment1 for the requested information.
- b. According to the U.S. Department of Energy, the entities that received grant funding for this program included: Appalachian Power Company, Buckeye Power Inc., Duke Energy Carolinas LLC, Kentucky Utilities Corporation, Monongahela Power Company, and Ohio Valley Electric Corporation.¹
- c. Please see the Company’s response to subpart a.
- d. It is the Company’s understanding that there may be additional grant opportunities for coal-fired generation projects. However, at this point, the Company does not have any specific information about additional opportunities that are currently available. If the Mitchell Cooling Tower Project qualifies for additional grant opportunities in the future, the Company will pursue grants that will reduce rate impacts for customers.

Witness: Tanner S. Wolfram

¹ U.S. Dep’t Energy, *Energy Department Announces \$175 Million to Modernize Coal Plants, Keeping Affordable Reliable Power Online for Americans* (Feb. 11, 2026), <https://www.energy.gov/articles/energy-department-announces-175-million-modernize-coal-plants-keeping-affordable-reliable>.

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June 10, 2026 Supplemental Response

d. On June 4, 2026, the United States Department of Energy awarded \$51 million to support the Mitchell Mechanical Draft Cooling Tower Modernization Project. A copy of the Department of Energy press release and list of Projects is attached as KPCO_R_KPSC_1_3_SupplementalAttachment2.² Kentucky Power is still evaluating the details of the award; however, the awarded funds will be used to reduce the capital cost of the mechanical draft cooling tower.

Witness: Amy J. Elliott

² U.S. Dep't of Energy, *Energy Department to Use Defense Production Act Funding to Expand Coal Capacity at 13 Plants and Build Export Infrastructure* (June 4, 2026), [https://www.energy.gov/articles/energy-department-use-defense-production-act-funding-expand-coal-capacity-13-plants-andport Infrastructure](https://www.energy.gov/articles/energy-department-use-defense-production-act-funding-expand-coal-capacity-13-plants-andport-Infrastructure) | Department of Energy

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Energy.gov Energy Department to Use Defense Production Act Funding to Expand Coal Capacity at 1..

Energy Department to Use Defense Production Act Funding to Expand Coal Capacity at 13 Plants and Build Export Infrastructure

The U.S. Department of Energy today announced it will support 13 American coal-fired power plants and new coal export infrastructure by providing up to \$500 million in Defense Production Act Title III (DPA) funds.

[Energy.gov](#)

June 4, 2026

 Estimated Read Time 2 min

WASHINGTON—The U.S. Department of Energy (DOE) today announced it will support 13 American coal-fired power plants and new coal export infrastructure by providing up to \$500 million in Defense Production Act Title III (DPA) funds.

The DPA funding includes up to \$425 million for twelve projects selected to expand and reinvigorate America's coal fleet and up to \$75 million for the West Gateway Terminal Project, a rail-served marine export terminal capable of handling more than 10 million tons of bulk commodities annually. The West Gateway project in Oakland, California, will expand West Coast export capacity and support energy exports to allied nations including Japan, South Korea, Taiwan, Vietnam, and Malaysia.

The selected projects are intended to strengthen domestic coal mining value chains, support reliable baseload power generation, and enhance the resilience of critical energy infrastructure. By leveraging DPA authorities, DOE is helping ensure the United States maintains the industrial capacity and energy resources needed to strengthen national security.

"To ensure our national security, the United States will continue to support our coal fleet and domestic supply chains," said **U.S. Secretary of Energy Chris Wright**. "For too long, limited West Coast export capacity has constrained America's ability to move coal and other energy resources to global markets. By investing in both coal generation and critical export infrastructure, including the West Gateway Terminal Project, the Energy Department is strengthening U.S. energy security, reinforcing strategic supply chains, and advancing American energy dominance."

"The West Gateway Terminal Project fills a critical infrastructure gap in the U.S. energy export system by providing additional West Coast export capacity for American coal producers," said **DOE Under Secretary of**

Energy Kyle Haustveit. "By expanding access to global markets, the project will support continued growth in U.S. coal exports, improve supply chain resilience, and strengthen energy partnerships with allies throughout the Indo-Pacific region."

Read more about the DPA-funded projects [here](#).

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\$350 Million to Build,
Modernize, and Restart Coal
Plants

June 4, 2026

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Defense Production Act Title III Project Selections: Coal Fleet Projects and West Gateway Terminal

Coal Fleet Projects

Reliable, Economical, and Local Advancement in Modernized Coal (RECLAIM-C) — **Alliant Energy Corporation (Columbia County, Wisconsin)** is undertaking a modernization at its Columbia Energy Center, a coal-fired plant

in the Town of Pacific, Wisconsin. This initiative will maintain dependable baseload service and enhance the efficiency and environmental performance of the existing units.

DOE Funding: \$19,000,000

Non-DOE Funding: \$29,500,000

Total Value: \$48,500,000

AEPCO ST3 Modernization Project — **Arizona Electric Power Cooperative, Inc. (Cochise, Arizona)** is embarking on a comprehensive modernization and resiliency program at the Apache Generating Station near Cochise, Arizona. The modernization efforts are expected to generate substantial benefits, including increased efficiency, retaining and increasing dispatchable baseload capacity, and extending the operational lifespan.

DOE Funding: \$20,826,000

Non-DOE Funding: \$32,574,000

Total Value: \$53,400,000

Antelope Valley Station Coal Modernization Opportunity — **Basin Electric Power Cooperative (Mercer County, North Dakota)** proposes modernization of two coal-fired units at the Antelope Valley Station in Mercer County, North Dakota. Upgrades will mitigate unplanned outages, improve efficiency, and increase generation capacity. The project is designed to ensure continued affordable and reliable electricity while also supporting local employment at Antelope Valley Station and Freedom Mine.

DOE Funding: \$27,441,000

Non-DOE Funding: \$42,559,000

Total Value: \$70,000,000

East Bend Coal Reliability Assurance Initiative — **Duke Energy Kentucky (Boone County, Kentucky)** is undertaking vital upgrades at the coal-fired East

Bend Station in Boone County, Kentucky. Upgrades will bolster the plant's operational flexibility, enhance overall efficiency, and boost generation capacity. This effort is crucial for maintaining the long-term reliability and affordability of energy for its customers in rural and remote areas, while simultaneously fostering regional economic development.

DOE Funding: \$33,400,000

Non-DOE Funding: \$50,043,088

Total Value: \$83,443,088

Roxboro 2 & 3 Coal Reliability Assurance Initiative — Duke Energy Progress, Inc. (Person County, North Carolina) will modernize and enhance the operational capabilities at the Roxboro Plant, a vital coal-fired facility in Person County, North Carolina. This effort encompasses a multitude of individual projects across critical plant areas that will systematically replace and upgrade equipment to mitigate the occurrence of emergent failures, reduce downtime, and improve operational efficiency and dependable energy production of the plant.

DOE Funding: \$28,400,000

Non-DOE Funding: \$44,273,513

Total Value: \$72,673,513

EKPC DOE Coal Recommissioning and Modernization — East Kentucky Power Cooperative, Inc. (Maysville, Kentucky and Pulaski, Kentucky) plans to modernize coal-fired units at the H.L. Spurlock Generating Station and John Sherman Cooper Station. Each unit will undergo significant upgrades that will extend operational life, improve dispatch flexibility, and ensure grid stability. Overall, this initiative aims to enhance the reliability and affordability of EKPC's baseload generation assets, directly supporting rural communities across Kentucky.

DOE Funding: \$90,600,000
Non-DOE Funding: \$271,800,000
Total Value: \$362,400,000

M.O.R.E. Oklahoma (Modernizing Oklahoma's Rural Energy) — Grand River Dam Authority (Chouteau, Oklahoma) will modernize its coal-fired unit located at the Grand River Energy Center in Chouteau, Oklahoma. This modernization will extend the asset operational life and enhance capacity and enable grid stability to support the surrounding communities.

DOE Funding: \$28,518,000
Non-DOE Funding: \$48,061,000
Total Value: \$76,579,000

Modernizing the Merom Coal-Fired Power Station: Effluent Limitation Guideline Modernization Project — Hallador Power Company, LLC (Merom, Indiana) is planning to modernize its Merom Coal-Fired Power Station. This modernization initiative will maintain operational reliability and promote environmental stewardship.

DOE Funding: \$27,200,000
Non-DOE Funding: \$42,491,006
Total Value: \$69,691,006

Sooner DCS Modernization Project — Oklahoma Gas and Electric Company (Red Rock, Oklahoma) is undertaking a project at the Sooner Power Station near Red Rock, Oklahoma, to modernize the Distributed Control System (DCS). Upgrades to the DCS and associated field devices are necessary to maintain system reliability and enhance operational efficiency.

DOE Funding: \$22,513,000
Non-DOE Funding: \$35,212,674

Total Value: \$57,725,674

Flint Creek Coal Plant Modernization and Resiliency Program — **Southwest Electric Power Company (Gentry, Arkansas)** is embarking on a significant modernization and resiliency program at its Flint Creek Coal Plant in Gentry, Arkansas. This project involves critical upgrades that will reduce fuel requirements, improve the plant's operational efficiency, reliability, and overall power generation capacity, and extend the life of the asset to ensure its continued role in grid stability and energy supply for Northwest Arkansas.

DOE Funding: \$29,814,400

Non-DOE Funding: \$44,721,600

Total Value: \$74,536,000

Tennessee Valley Authority Coal Revitalization Initiative — **Tennessee Valley Authority (Stewart County, Tennessee)** is embarking on a comprehensive coal revitalization initiative at its Cumberland Fossil Plant in Stewart County, Tennessee. This project aims to restore reliability, enhance efficiency, and extend the operational life of the coal-fired assets to meet regional demand for dispatchable power.

DOE Funding: \$46,287,600

Non-DOE Funding: \$69,431,400

Total Value: \$115,719,000

Mitchell Mechanical Draft Cooling Tower Modernization Project — **Wheeling Power Company (Moundsville, West Virginia)** plans to modernize the Mitchell Plant in Moundsville, West Virginia. This upgrade will enhance regional grid reliability, reduce outage risk, and improve overall system efficiency, contributing to regional energy affordability.

DOE Funding: \$51,000,000

Non-DOE Funding: \$107,600,000

Total Value: \$158,600,000

West Gateway Terminal Project

The West Gateway Project, spearheaded by Oakland Bulk and Oversized Terminal (OBOT) LLC, is a strategically located bulk commodities export terminal in Oakland, California. It offers direct access to the Pacific Ocean and Indo-Pacific markets, forming a crucial part of a broader, multi-decade initiative to revitalize and reindustrialize the Oakland Army Base (OAB) property within the Port of Oakland, which was decommissioned in the late 1990s. OBOT LLC holds exclusive development rights for the property through an established ground lease with the City of Oakland.

Situated on the West Gateway portion of the former OAB site, the project benefits from a 50-foot-deep harbor channel, capable of loading and handling Panamax-class bulk carrier vessels. OBOT LLC aims for an initial 9 to 10-million-ton throughput capacity, leveraging direct access to Class 1 rail via short-line operator Oakland Global Rail Enterprise. The terminal is also equipped to unload large, bulk commodity unit trains and store coal in on-site bulk storage sheds.

Insight Terminal Solutions (ITS) has received a sublease from OBOT LLC to develop the West Gateway marine export terminal. ITS plans to finalize design, secure outstanding permits, and complete terminal construction to enable the first cargo shipment by the end of 2028.

Investment in this critical infrastructure for OBOT's bulk commodities export terminal is paramount to national security. It directly bolsters robust domestic coal production, diversifying energy supply chains and fostering economies of scale. By facilitating access to international markets for U.S. coal, the project helps prevent the closure of domestic coal mines by growing demand. This access also preserves the reliability of the supply chain infrastructure and the

coal mining workforce through increased throughput, usage, and reinvestment —all essential for the longevity and resilience of the U.S. coal industry.

The project aligns with [Executive Order 14156, "Declaring a National Energy Emergency,"](#) and the most recent [Presidential Determination Pursuant to 303 of the Defense Production Act of 1950, as Amended, on Coal Supply Chains and Baseload Power Generation Capacity.](#)

DOE Funding: \$75,000,000

Non-DOE Funding: \$156,773,000

Total Value: \$231,773,000

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