



Spurlock Station co-firing with coal and natural gas

Spurlock Station in Maysville, Ky., is EKPC's largest power plant, featuring four coal-fueled units capable of generating 1,340 megawatts of electricity, which is more than 40 percent of EKPC's total fleet capacity.

The U.S. Environmental Protection Agency's Greenhouse Gas Rule, finalized in 2024, requires coal-fueled electric-generating units in the U.S. to shut down by 2032 unless they are converted to use natural gas as fuel.

EKPC plans to convert the boilers on all four of its Spurlock Station coal units to use both coal and natural gas as fuel, allowing the units to continue operating for years to come.

Schedule: Commercial operation on all four units by December 2029

Cost: The estimated cost of retrofitting all four units is \$187 million

- EKPC plans to convert the coal boilers on all four Spurlock units to allow for co-firing of natural gas up to 50 percent.
- This project is a cost-effective way to safeguard over 1,340 megawatts of reliable, dispatchable baseload power plant capacity.
- Spurlock Station has a full-time workforce of 250 employees and more than \$4.1 million in local 2023 tax impact.
- EKPC is contracting with a third party to construct a natural gas pipeline to Spurlock Station in order to ensure continued reliable operation of EKPC's largest generating plants.
- The alternative option for keeping Spurlock Station operating is to install carbon capture technology, which is extremely expensive and unproven. Furthermore, Kentucky does not have acceptable geology for safely storing captured carbon dioxide underground, so a pipeline would be necessary. The cost installing the equipment and building the pipeline is estimated at \$10.7 billion, far too expensive for Kentucky.