



New 214-megawatt Liberty Station

EKPC plans to construct an innovative, flexible new electric-generating plant in Casey County, Ky. Liberty Station will help EKPC meet growing demand for electricity, support intermittent renewables and bolster reliability of the Southern Kentucky electric grid.

Schedule: Commercial operation December 2028

Cost: \$500 million

Operating workforce: 23 full-time employees

About Liberty Station

- 100-acre site in Casey County, Ky., approximately 4 miles north of Liberty.
- Plant site is at juncture of EKPC 161-kV electric transmission line and an interstate natural gas pipeline.
- Liberty Station will feature 12 natural gas-fueled engine/generator sets with a total net capacity of 214 megawatts.
- Units will be capable of starting up quickly, and ramping up and down rapidly, providing an important tool for maintaining grid reliability.
- With 214 megawatts of generating capacity, this plant will produce enough electricity to serve the annual needs of 95,000 typical Kentucky households.

Benefits

- Protects EKPC's owner-member cooperatives from highly volatile market pricing and emergency energy needs during extreme weather events.
- The technology is highly efficient throughout its operating range and will displace higher cost market power and lower EKPC's carbon footprint.
- The location and multiple unit configuration will provide assurance of grid reliability in the Southern Kentucky region.
- The units are highly complementary to EKPC's planned increase in intermittent renewable resources to assure overall portfolio reliability for our owner-members and ensure cost competitiveness.