

**COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY STATE BOARD
ON ELECTRIC GENERATION AND TRANSMISSION SITING**

In the Matter of:

Electronic Application of Kentucky Municipal Energy Agency for a Certificate of Construction for an Approximately 75-Megawatt Merchant Electric Generating KYMEA Energy Center I and Transmission Line in Madisonville, Kentucky Pursuant to KRS 278.700 and 807 KAR 5:110)
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) **Case No. 2024-00290**
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STATUS UPDATE

The Kentucky Municipal Energy Agency (“KYMEA”), by counsel, hereby submits its six-month status update, as required by paragraph 4 of the Appendix to the Siting Board’s Order dated April 2, 2025.

Project Overview & Schedule

KYMEA’s Energy Center I continues to make good progress on its construction schedule toward pre-commissioning in winter 2026, with commissioning of the engines to follow in spring 2027. Over the last 6 months, the site has seen a major transformation. Following the completion of site grading, the drilled concrete piers were installed, followed by all underground utilities, including electrical duct banks, grounding grid, sanitary sewer, storm sewer, potable water system, and fire protection systems. In addition, the site is fully fenced and protected with a locked gate and site security camera. Following this work, building and equipment foundations were installed and are now complete.

Engine Hall (Critical Path) Progress

The engine hall, which houses the engines, is on the critical path for the project and is on track to house the engines when fully assembled in May. Currently, the engine hall is 98% under roof, including the sound-reducing ridge vent system. The engineered sound-reduction wall system is currently receiving its insulation and exterior finish sheeting over the perforated liner system, which is complete. Inside the engine hall, the final painting of structural steel and the fire-rated block wall are nearing completion. Rough-in overhead electrical work and installation of engine auxiliary structures are also currently being completed in the engine hall prior to engine placement, due to limited access later.

Major Equipment Deliveries & Engine/Generator Assembly

Material deliveries stand at 80% with approximately 50 sea containers with engine appurtenances onsite along with radiators, stacks, ductwork, and the SCR's (pollution control equipment). In order to preserve space on site, the exhaust stacks have already been installed. Radiator support steel and radiators are currently being installed. The engines were shipped in four sections: the block, the base/oil sump, the air intake, and the turbocharger, with the largest, the engine block, being shipped by rail from Houston's port along with the generators. The other three engine sections, which were shipped on specialized trailers from Houston, are all staged on site, along with three of the four engine blocks, which have been transported from the West Railyard to the site. A large, specialized tent and crane are being assembled on-site to facilitate the assembly of the engine sections prior to placement in the engine hall. The generators will make their journey from the West Railyard to the site in May, and all engines and generators should be installed on their foundation in the engine hall by June.

Electrical Equipment & Transformers

Other equipment supplies are also progressing on schedule. The low-voltage switchgear factory test, along with the unit auxiliary transformers, was completed, with the units shipped to the supplier's St. Louis warehouse, where they will be stored until the electrical equipment room is ready for their installation. The first generator step up transformer (GSU-1) has arrived in Houston and will be delivered by specialized truck to the site mid-April. The factory acceptance test for the second GSU was completed and is being prepped for shipping with a projected delivery date of July. Miscellaneous support steel for piping and air handlers is currently being fabricated locally and is scheduled for delivery in April. Medium voltage switchgear is scheduled for factory testing in April and will ship to Milwaukee for fitting in the Power Distribution Center (prefab building) with a projected delivery date to the site in early July. It should be noted that all transportation has been conducted with proper permitting and in communication and coordination with state and local officials.

Administration Building / Control Room / Electrical Room

The administration building, which also houses the control room, warehouse/workshop, and electrical equipment room, is underway with structural steel erection. This building should be completed by October. With plant design complete, engineering is focused on review of contract submittals and construction support. Procurement stands at 98%.

Gas Pipeline & Fuel Supply

Gas pipeline work continues to move forward. Material and equipment orders are in place, and negotiations are underway for the pipeline and gas yards construction. The silt fence has been installed in accordance with the SWPPP along the pipeline route, and grading work for the

purchase point gas yard will be completed in April. The pipeline will be directionally bored under the CSX railroad, and the CSX agreement is in place to allow that work. Summer construction is anticipated, with commissioning slated to occur in August to allow startup of the plant heating systems prior to winter.

Interconnection: LGE/KU Switching Station & Transmission Upgrades

The LGE/KU switching station work is also making good progress. The property subdivision has been completed, and site preparation is on track to be completed shortly as we work toward turning the property over to LGE/KU in early April. Their substation design and procurement are near completion, and line design is underway with completion projected in March 2027. The CSX agreement for the generator lead line is in place well in advance of the winter construction schedule. Transmission Network Upgrades continue to remain on the critical path for the project. LGE/KU identified seven projects, which are all scheduled to be completed before the end of our project, except one, which they are still working on to improve. Depending on the anticipated completion of these projects, we may need to request a limited operations study to enable the plant to operate at some level or under certain conditions until all network upgrades are completed. As determined from the Transitional Cluster Study, PJM and MISO Affected System studies were required, and it was determined that no upgrades or impacts were found in those neighboring systems.

Overall Status & Community Relations

Overall, the project is on track for the March 2027 startup of the engines, with full operation anticipated by June 1, 2027. KYMEA has continued to promote good relations with neighbors and local officials.

Respectfully submitted,



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