

**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	)	Case No. 2024-00290
Generating KYMEA Energy Center I and	)	
Transmission Line in Madisonville, Kentucky Pursuant	)	
to KRS 278.700 and 807 KAR 5:110	)	

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 remains on schedule for pre-commissioning activities during winter 2026-2027, followed by engine startup, testing, and commissioning activities in spring 2027. Over the last 6 months, the site saw completion of the engine hall, installation of the engines, and receipt and installation of all major components and structures with attention now turned to interconnection of the major components and wrapping up site construction to enable plant commissioning activities.

Engine Hall and Engine/Generator Installation

As noted in the previous report, the engine hall which houses the engines was on the critical path for the project along with assembly and installation of the engines. The Engine Hall including interior finishes, rough-in overhead electrical work, engine auxiliary structures, and the overhead bridge crane were completed at the beginning of May. The engine sections (the block, the base/oil sump, the air intake, and the turbocharger) were also assembled on-site in May in a large, specialized tent equipped with a crane. All engines and generators were then installed in the Engine Hall by the end of May.

Mechanical Erection

With the engines and stack in place, summer mechanical erection efforts turned to interconnection piping, ductwork, auxiliary components, and supporting structures. The engine auxiliaries are generally factory constructed in modules containing the pumps, valves, and instrumentation. While some are close coupled with the engine, additional interconnecting piping is still required in some areas, with this period seeing all large bore piping installed. The ductwork from the engine exhaust through its pollution control equipment (SCR with integral oxidation catalyst) with support steel and access platforms was also completed during this period with those systems currently receiving insulation and lagging. One of the major auxiliaries completed during this half-year was the low-noise radiator field and its closed-loop cooling water piping from/to the engines. Attention now shifts to completion of engine hall ventilation systems and final piping connections.

Administration Building / Control Room / Electrical Room

The administration building, which also houses the control room, warehouse/workshop, and electrical equipment room, went from beginning structural steel work to being dried-in and nearly roughed-in with finishes underway over this reporting period. The building should be substantially complete by Thanksgiving. Since this building houses the electrical equipment room, this area is on the critical path.

Electrical Erection

The electrical erection generally follows close behind the mechanical and building sequence. This period saw the delivery and placement of all major electrical distribution system components including the 13.8 kV/69 kV generator step up (GSU) transformers, the 13.8 kV medium voltage switchgear and its enclosure (PDC building), and the 480 V low voltage switchgear and its 480 V/13.8 kV transformers which are housed in the electrical equipment room. In addition, control panels, marshalling panels, distribution panels and fixtures were placed throughout the plant along with most cable tray and conduit. Efforts are now shifting to cable pulling operations followed by terminations through the fall and winter seasons.

Gas Pipeline & Fuel Supply

The gas pipeline was completed this summer including the tap to the Texas Gas pipeline with punch list work currently underway. As electrical work and punch list activities wrap up, commissioning is scheduled for the end of October, with building heat being the only need prior to engine startup and commissioning activities in spring 2027. A third party will be supporting start-up, O&M and compliance activities.

Interconnection

With plant construction expected to wrap up at the end of the year, the interconnection will become the critical path for project completion. The LGE/KU switching station underwent a major transformation as LGE/KU took ownership of the property in early April. Substructure and underground duct banks are complete with work beginning on above grade structures. Major component delivery will continue through the fall with line construction work slated for winter. Plant switchyard work will begin this winter as well with all interconnection work slated to be completed at the end of March 2027. 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 for one. Accordingly, KYMEA plans to request a limited operations study with LG&E/KU to evaluate whether the facility could operate under certain conditions or at reduced output levels until all network upgrades are completed.

Overall Status & Community Relations

KYMEA just completed hiring all plant personnel. Employees are currently involved in training and making preparations for plant operations. Overall, the project is on track for a March 2027 startup of the engines, with full operation anticipated by June 1, 2027. Construction activities continue to maintain a strong safety focus with no significant reportable incidents during this reporting period. KYMEA has continued to promote good relations with neighbors and local officials throughout the construction period.

Dated: September 30, 2026

Respectfully submitted,



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