

MYRA SUBSTATION AND TRANSMISSION LINE PROJECT

Kentucky Power representatives plan to upgrade the electric transmission grid in Pike County. Crews plan to begin construction spring 2027 and conclude by summer 2028.

WHAT

The project involves:

- Building approximately 2 miles of new 138-kilovolt (kV) transmission line to the new Myra Substation
- Constructing the new 138-kV Myra Substation
- Retiring approximately 10.5 miles of 46-kV transmission line
- Retiring the 46-kV Elwood Substation
- Acquiring new easements for the safe operation of the power line

The project involves filing an application with Kentucky Public Service Commission (PSC).

WHY

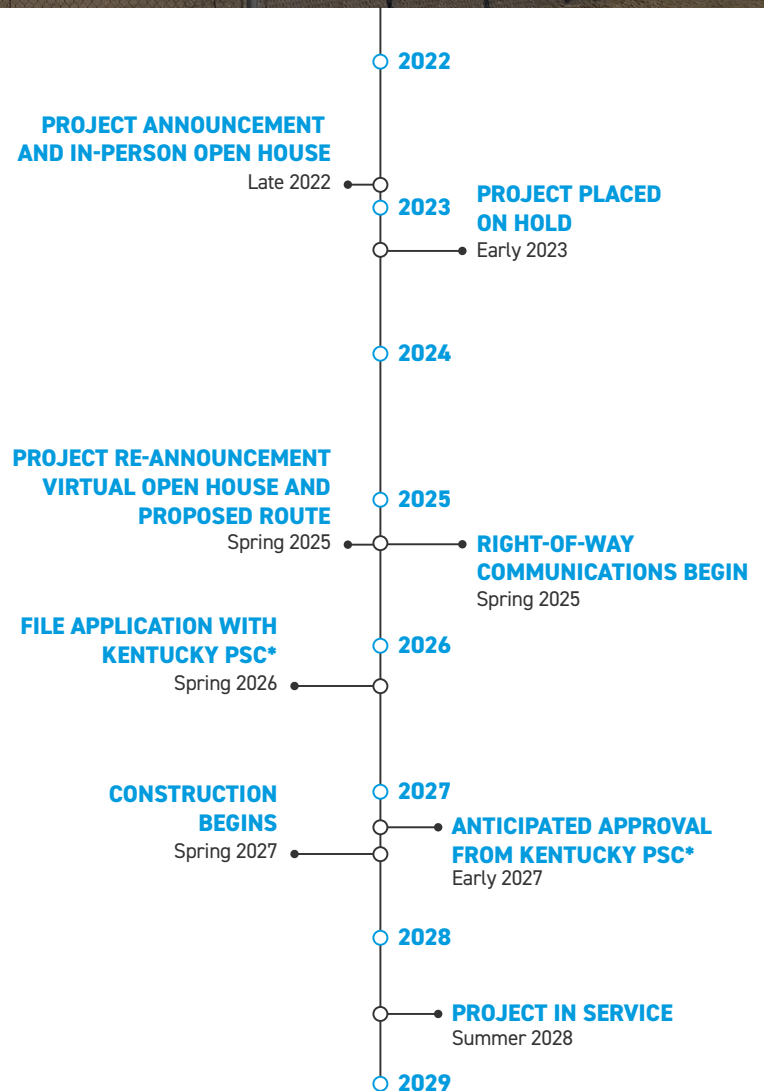
The project allows crews to retire 1930s transmission line showing age-related wear. The existing transmission line has experienced multiple power outages in recent years.

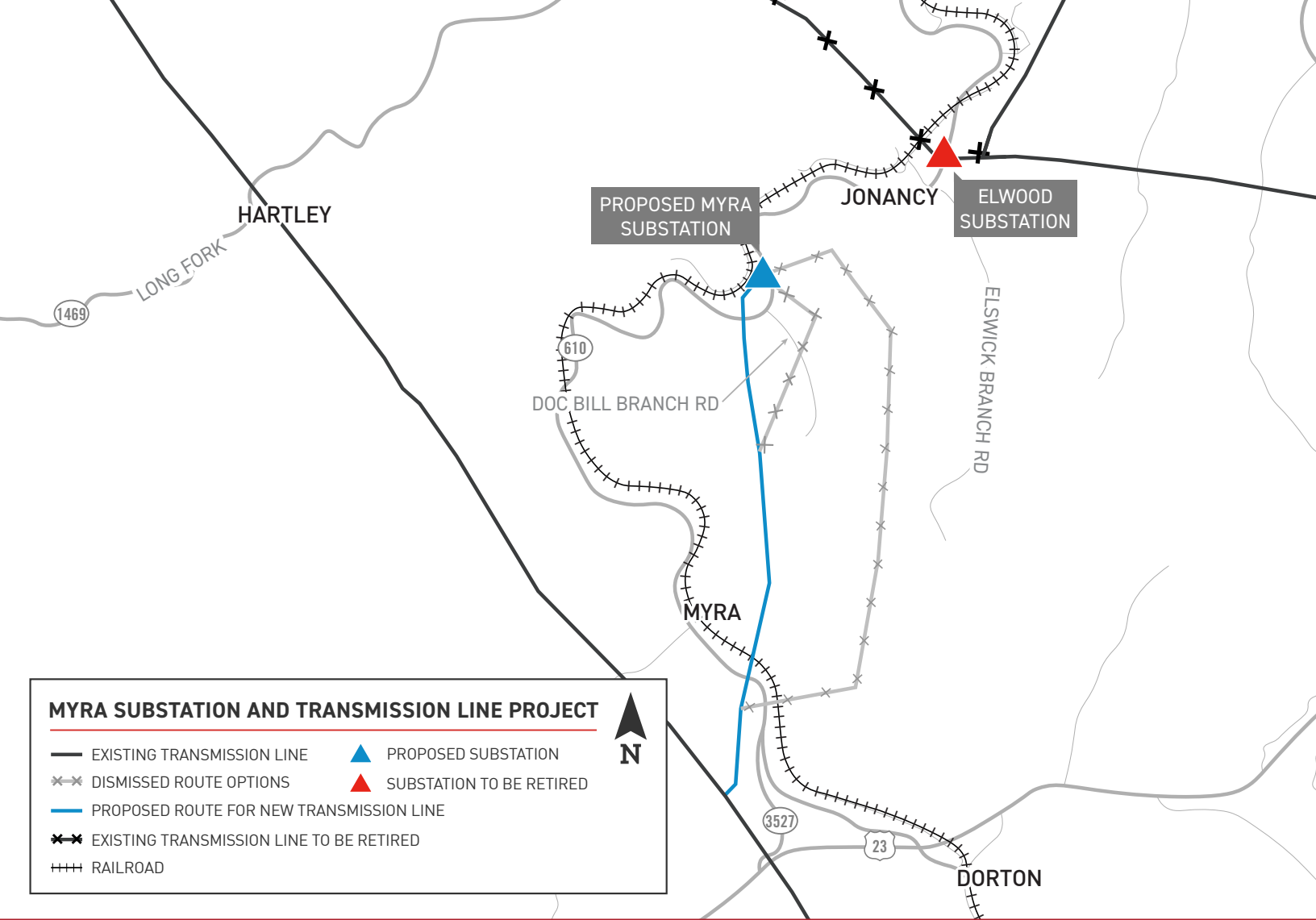
The project also allows crews to retire and replace the Elwood Substation, which has aging equipment that is difficult to maintain.

The proposed upgrades increase electric reliability for area customers and strengthen the local electric system.

WHERE

The project area includes Myra and Jonancy.





TYPICAL STRUCTURES

Crews plan to install steel lattice towers along the line route.

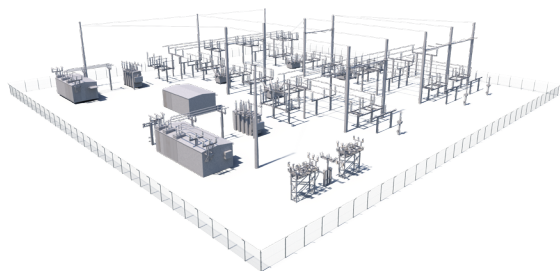
Typical Structure Height: [Approximately 125 feet*](#)

Typical Right-of-Way Width: [Approximately 100 feet*](#)

Typical Substation Height: [Approximately 50 feet*](#)

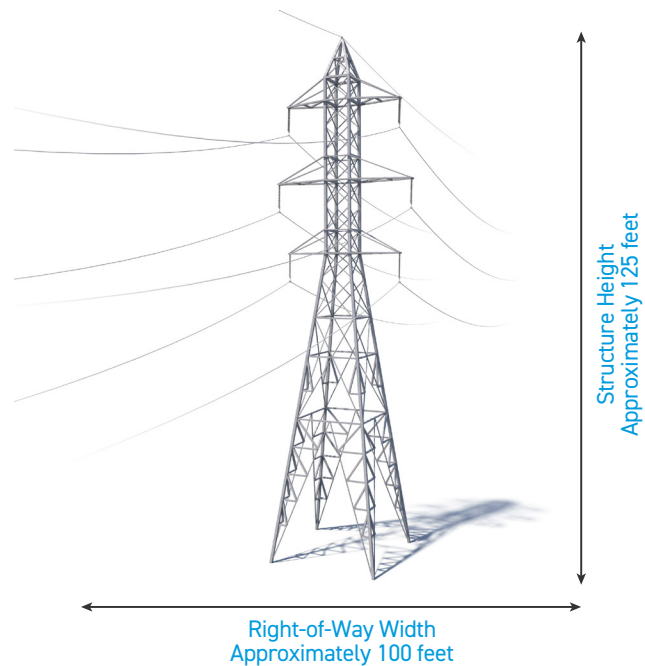
TYPICAL SUBSTATION

Substations serve as electrical intersections directing the flow of electricity and either decrease or increase voltage levels for transport. Substations transform 69-kV and 138-kV electricity into lower distribution level voltages such as 34.5-kV, 12-kV, or 7.2-kV.



*Exact structure, height, and right-of-way requirements may vary.

*Substation shown is a general depiction of the proposed facilities for the project. It does not represent final design.



WE VALUE YOUR INPUT. PLEASE SEND COMMENTS AND QUESTIONS TO:

NANCY MILLER • PROJECT OUTREACH

KENTUCKYPOWEROUTREACH@AEP.COM • 833-760-0604

KENTUCKYPOWER.COM/MYRA