

LOVEDALE

SUBSTATION REBUILD PROJECT

**APPALACHIAN
POWER**

An AEP Company

BOUNDLESS ENERGY™

Appalachian Power representatives plan to upgrade the electric transmission grid in the city of Kingsport. The Lovedale Substation Rebuild Project involves rebuilding the Lovedale Substation and less than a mile of transmission line in the city of Kingsport. Construction begins in spring 2022 and concludes by fall 2023.



*Simulated photo of substation rebuild

WHAT

The project proposes:

- Rebuilding the Lovedale Substation to modern standards
- Rebuilding less than one mile of transmission lines connecting to the substation
- Constructing a 10-foot-tall faux brick wall around the substation

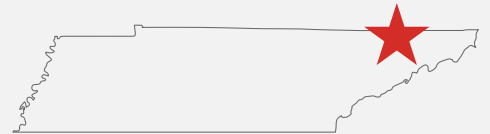
WHY

The updates include:

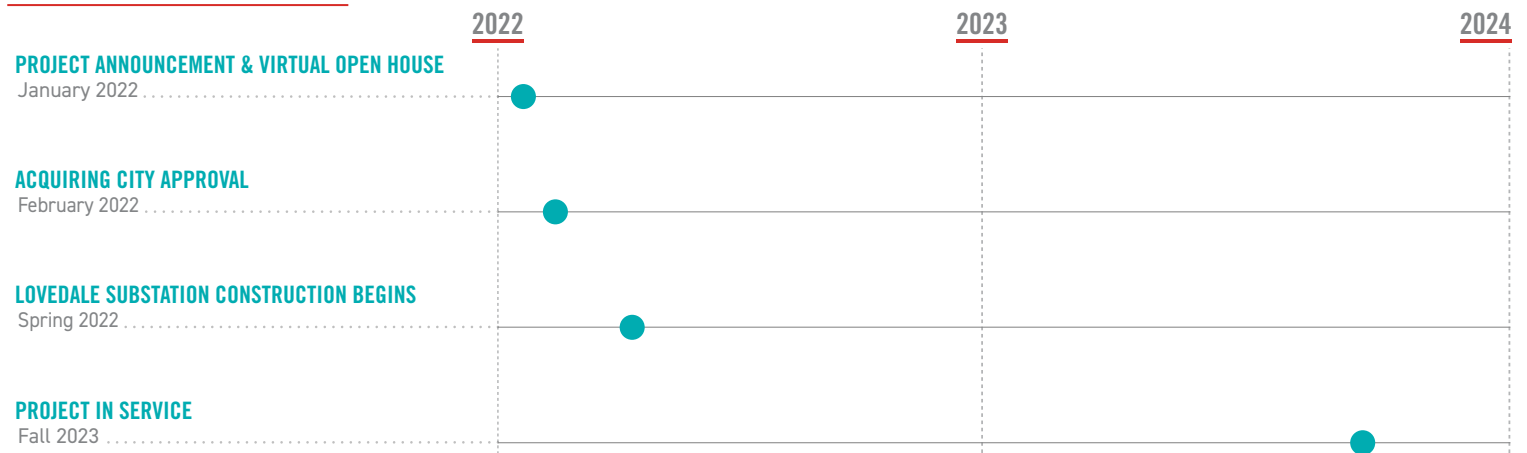
- Replacing equipment from the 1940s
- Meeting modern reliability and safety standards
- Improving the power quality for the hospital and downtown area

WHERE

The upgrades are located at the corner of Donelson Drive and Lovedale Drive in the city of Kingsport.



PROJECT SCHEDULE



*Timeline subject to change.

LOVEDALE SUBSTATION REBUILD PROJECT



- EXISTING OVERHEAD TRANSMISSION LINE
- - - EXISTING UNDERGROUND TRANSMISSION LINE
- PROPOSED OVERHEAD TRANSMISSION LINE REBUILD
- ▲ EXISTING SUBSTATION
- PROPOSED SUBSTATION GRAVEL YARD

● ANDREW JACKSON
ELEMENTARY SCHOOL

● LIFEBRIDGE
CHRISTIAN CHURCH

● WINEGAR & SONS
FLOOR COVERING

SCOTT COUNTY RD

DONELSON DR

W SULLIVAN ST

LOVEDALE DR

TYPICAL SUBSTATION

Substations serve as electrical intersections converting the power to voltage levels for use in homes, businesses and industrial facilities.

*This visual simulation of the project is an approximation for illustrative purposes only. Final engineering and construction details are not complete.



APPALACHIAN POWER VALUES YOUR INPUT ABOUT THIS PROJECT. PLEASE SEND COMMENTS AND QUESTIONS TO:

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