

NORTH YALE POWER CONNECT

Public Service Company of Oklahoma (PSO) plans to enhance the power grid in the north Tulsa County area. These improvements support economic development and ensure continued reliable service for area customers.

WHAT

The project involves:

- Building a new 345-kilovolt (kV) substation off North Yale Avenue
- Building approximately 3 miles of 345-kV transmission line to connect the new substation to the power grid
- Acquiring 150-foot wide easements for the new power line
- Clearing trees and other woody-stemmed vegetation from within the right-of-way

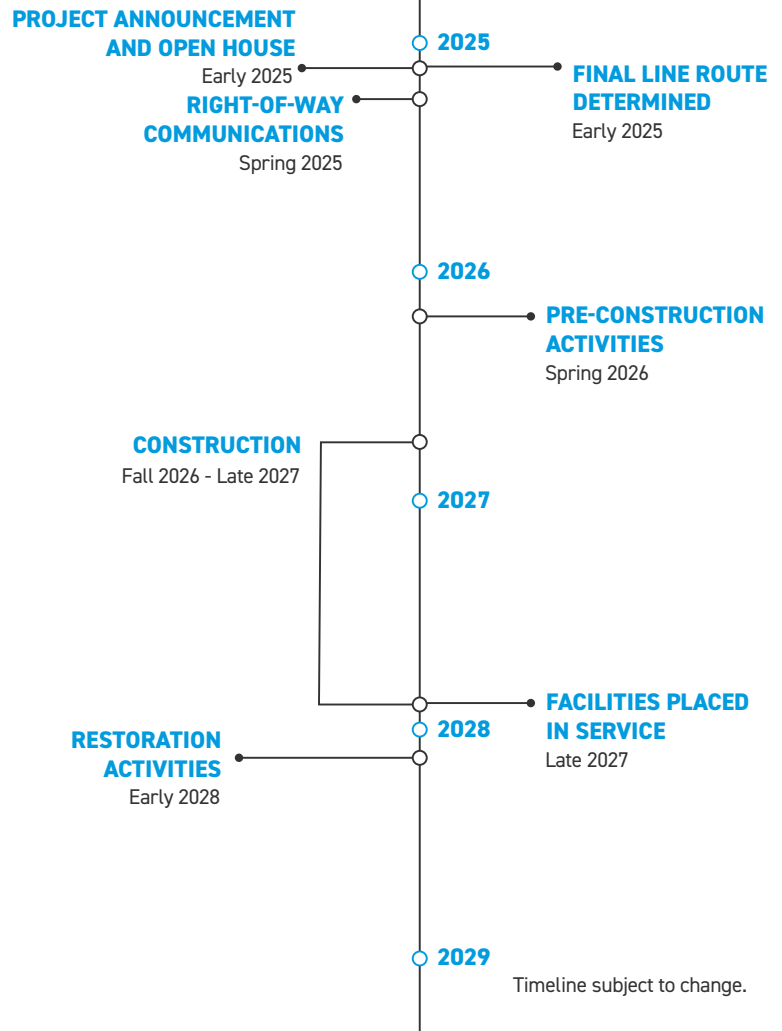
WHY

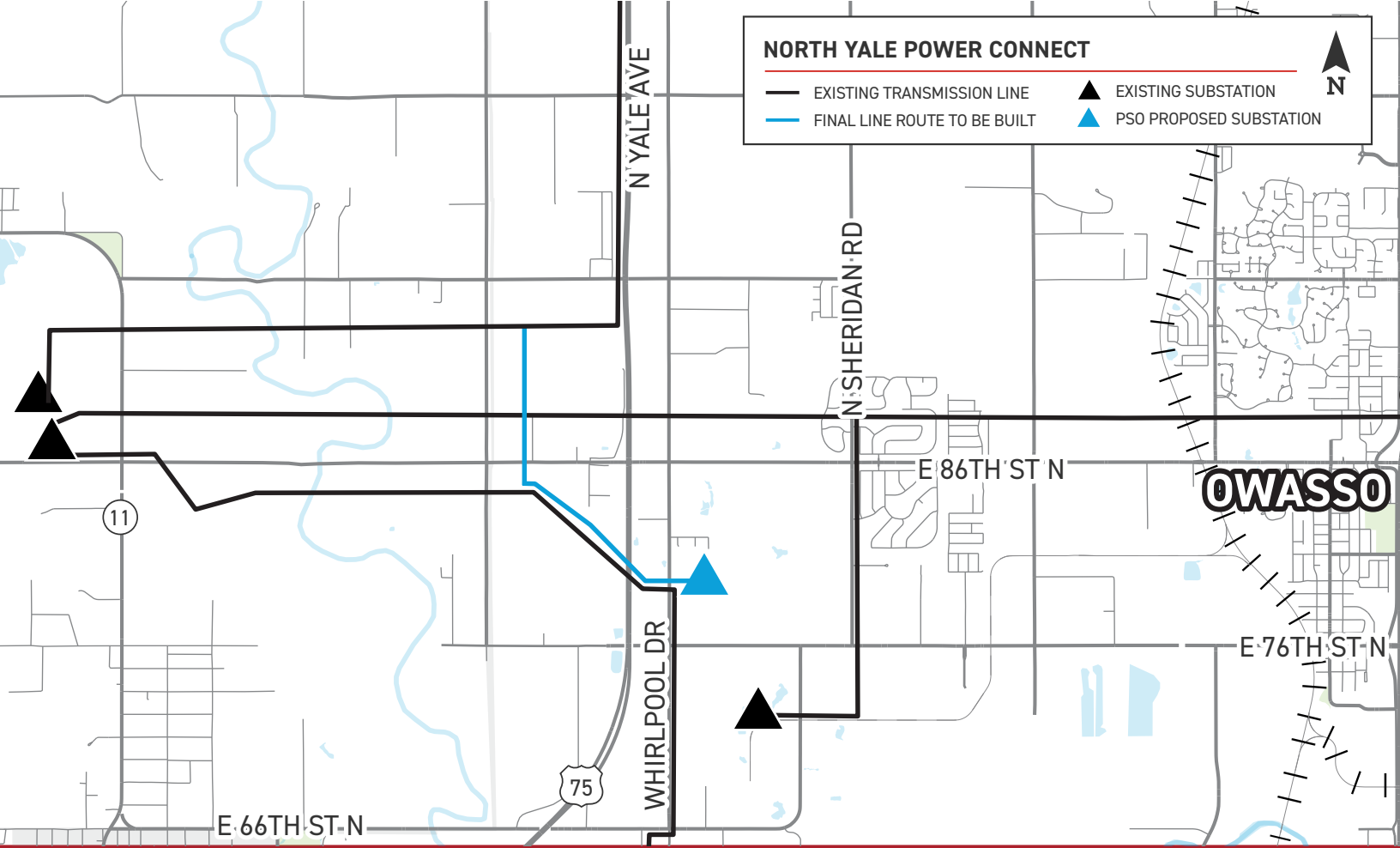
The area's growing electrical demand requires an additional power source to support new and existing customers in north Tulsa County. The new substation and power line support the additional power demand and ensure the local power grid remains strong and resilient.

WHERE

The new transmission line route connects PSO's Northeastern Power Station - Tulsa North 345 transmission line to the proposed substation in north Tulsa County.

Company representatives plan to evaluate route options to build the 3-mile power line. Route options are multiple alternatives presented to determine a line route. Crews do not build all route options. Rather, they select one route to build based on public feedback and feasibility.





TYPICAL STRUCTURES

PSO crews plan to install steel monopole structures.

Typical Height: 140 -160 feet

Typical Distance Between Structures: 1,000 feet

Typical Right-of-Way Width: 150 feet

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



TYPICAL SUBSTATION

Proposed Substation Footprint: 820 feet by 640 feet



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

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