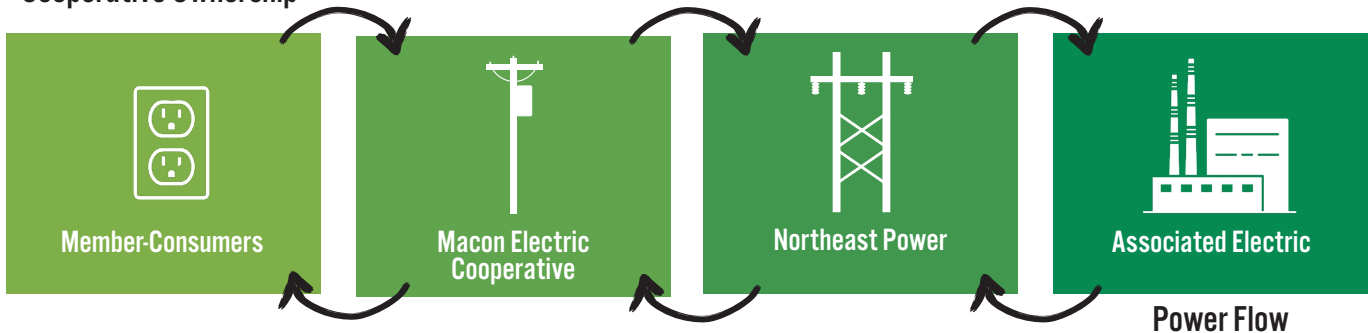


AXTELL TO BEVIER LINE REBUILD

ABOUT OUR POWER SYSTEM

Northeast Missouri Electric Power Cooperative (Northeast Power) is part of a three-tiered not-for-profit electric cooperative system. Each tier has its own set of unique responsibilities. Northeast Power is part of the second level of the three-tiered system, which is primarily responsible for transmission services and delivery of wholesale power to our member-distribution cooperatives, including Macon Electric Cooperative.

Cooperative Ownership



ABOUT THE PROJECT

Northeast Power has identified a need to upgrade transmission infrastructure in the region by rebuilding an existing 69 kV transmission line as a 161 kV line running from our new Axtell Switch Station (north of Macon) to our Bevier Switch Station (south of Bevier).

This project will help Northeast Power reliably meet the long-term needs of our electric cooperative members and communities.

The project will consist of reconstructing approximately 6.5 miles of existing 69 kV transmission line with larger conductor (wire) on taller steel monopole structures that will allow for 161 kV clearances.


 **ENHANCES VOLTAGE
SUPPORT AND RELIABILITY**

 **SUPPORTS REGIONAL
LOAD GROWTH**

 **MINIMAL IMPACT TO
LANDOWNERS**



Northeast Power

A Touchstone Energy® Cooperative 

PO Box 191
Palmyra, MO 63461

573.769.2107

www.northeast-power.coop/axtell-bevier

PROJECT DESCRIPTION



LOCATION

- The proposed project will result in reconstructing an approximately 6.5-mile 69 kV transmission line from Macon to Bevier.



CONSTRUCTION

- Construction of the line will occur over a one-year time span.
- The transmission line will be designed to accommodate a larger conductor, at 161 kV clearance, while being operated at 69 kV.



STRUCTURES

- Existing wood poles will be replaced with steel monopole structures.
- The average span length of these structures will be 300-400 feet.



REAL ESTATE

- The required right-of-way width for the line is 100-feet, which is the width of the existing easement.
- Supplemental easements will be obtained to better clarify rights and obligations of each party and compensation will be offered.

ANTICIPATED TIMELINE

Project timeline subject to change.

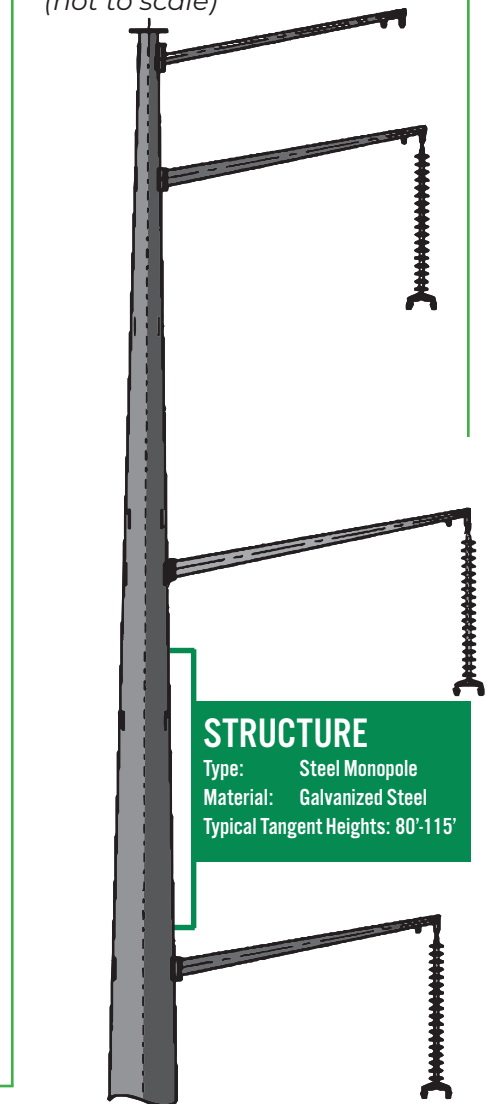
2023

- Line/Structure Design
- Supplemental Easement Acquisition
- Environmental Diligence
- Material Acquisition

2024

- Continued Supplemental Easement Acquisition
- Construction
- Right-of-Way Reclamation

Conceptual Structure Design *(not to scale)*



STRUCTURE

Type: Steel Monopole
Material: Galvanized Steel
Typical Tangent Heights: 80'-115'

Foundation

Types: Concrete caissons and direct embed with concrete backfill
Typical Diameter: 5'-6'

