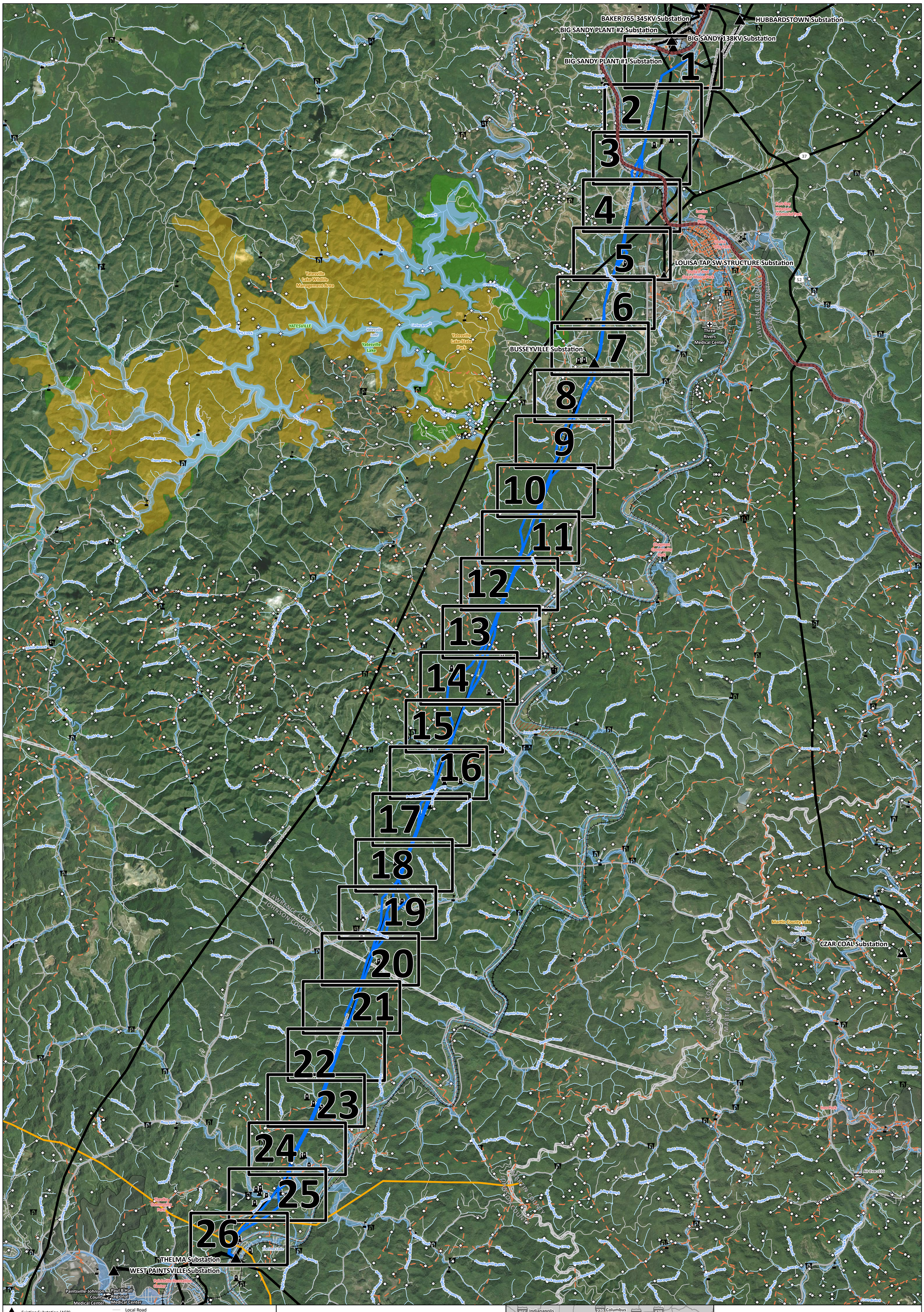


Existing Substation (AEP)
Study Segment (AEP)
School
Hospital
Place of Worship
Cemetery
Helipad
Oil/Gas Well
Existing Transmission Line (AEP)
Existing Non-AEP Transmission Line (RexTag)
Natural Gas Pipeline (RexTag)
Highway
Local Road
Railroad
Stream (3DHP)
Floodway (FEMA)
Floodplain (FEMA)
Waterbody (3DHP)
Federal Conservation Land (PAD-US)
Local Conservation Land (PAD-US)
State Conservation Land (PAD-US)
Other Conservation Land (PAD-US)
Municipality
County Boundary
States Boundary
Figure Key

APPALACHIAN POWER
An AEP Company

KENTUCKY POWER
An AEP Company

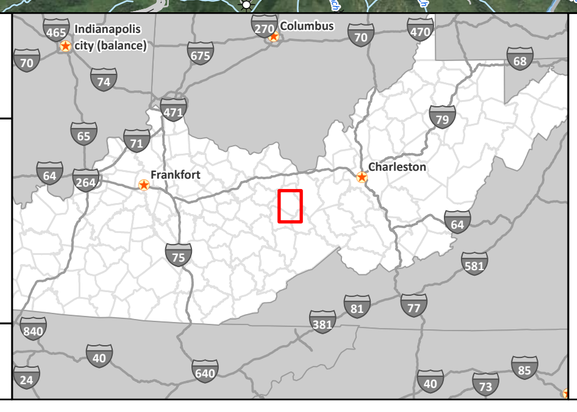
Only one route will be chosen and built. Shown segments/routes could change based on landowner input, engineering, ground surveys and studies.

1 inch = 4,500 feet
when printed at 22x34

0 4,500 9,000 13,500
Feet

Imagery Source: Esri World Imagery 2025

August 11 and 12, 2026



Aerial Map Overview

Big Sandy - Thelma 138-kV Transmission Line Rebuild Project