

Bramah Substation Project



About Transource PA

Transource PA is a subsidiary of Transource Energy whose ultimate parent companies are American Electric Power (“AEP”) and Evergy. Combined, AEP and Evergy own and operate more than 50,000 miles of transmission lines, and substations, and serve more than 7.1 million customers in 13 states. Transource Energy was established to pursue FERC Order 1000 competitive projects throughout the United States. Transource Energy currently owns and operates three (3) projects totaling approximately \$350 million of assets in its rate base and an additional \$100 million of projects under construction. Transource PA was formed to construct, own, operate, and maintain transmission service facilities within the Commonwealth of Pennsylvania. It is a public utility in Pennsylvania but has not commenced public utility transmission service.

The Project

PJM Interconnection (PJM), the regional grid operator serving 13 states including Pennsylvania and Maryland, selected Transource PA to construct an electric transmission substation, known as the “Bramah Substation”. The Bramah Substation will interconnect six (6) 500-kV transmission lines and one (1) 230-kV transmission line, along with transformers to convert power from 500-kV to 230-kV. One of the 500-kV lines will interconnect the existing York Energy Center, a gas-fired generator, while two other 500-kV lines will interconnect with a Peach Bottom nuclear plant substation.

The Location

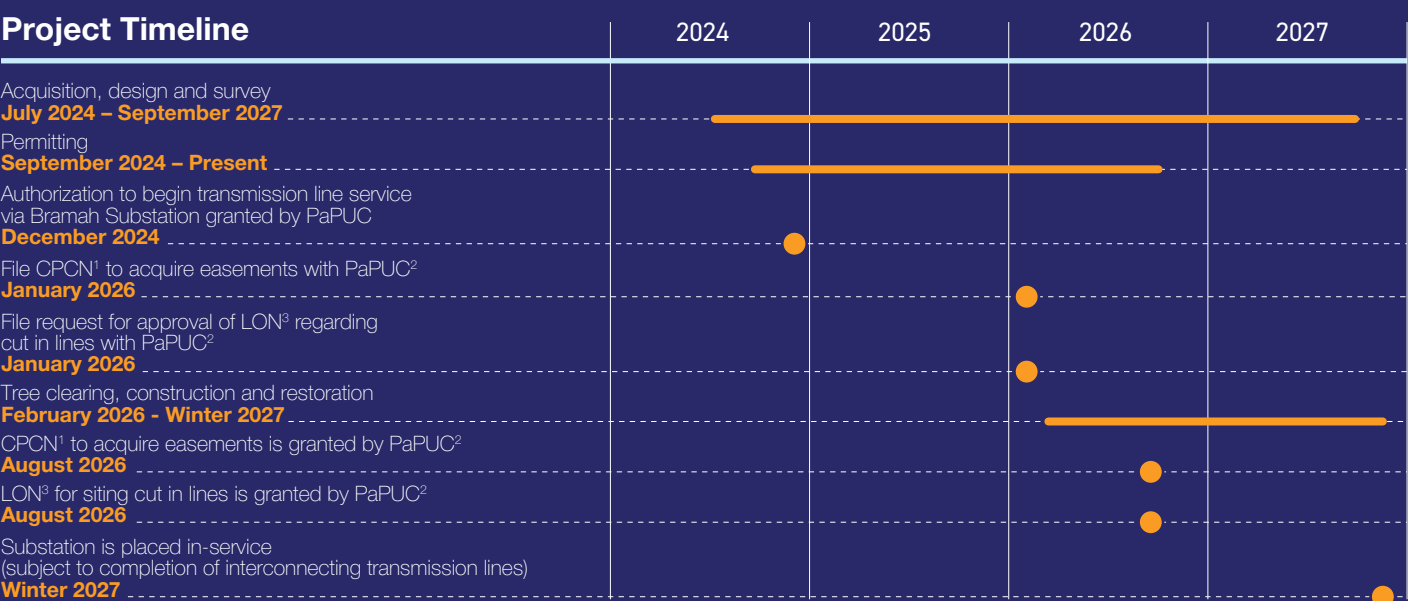
The Bramah Substation will be constructed in York County, Peach Bottom Township, Pennsylvania on roughly 46-acres of land. Transource PA owns the site, obtained through landowner negotiation to construct the future station.

The Need

PJM determined the Bramah Substation is needed to enhance the electrical strength and reliability of the area's electric transmission grid by allowing the transmission lines of incumbent utility companies to be interconnected, allow for additional and alternative paths for electricity, and facilitate future reliability, generation, and load projects as part of the transmission grid interconnected network. The Pennsylvania Public Utility Commission previously granted Transource PA a Certificate of Public Convenience in connection with the Bramah Substation.

The Benefits

The new Bramah Substation brings over \$160 million in new infrastructure investment to Pennsylvania. The initial investment will mean jobs and revenue in the area to construct the facility. Future revenue is also anticipated for the area, as operating and maintaining the station will be required over the lifetime of the facility.



¹CPCN: Certificate of Public Convenience and Necessity; ²PaPUC: Pennsylvania Public Utility Commission; ³LON: Letter of Notification

The Investment

PJM identified the Bramah Substation is needed to address reliability issues caused by load growth and generation closure. Costs for the \$160 million project will be shared regionally among consumers who benefit from the project and not borne solely by Pennsylvanians. The rate is determined by load zone through PJM's (published) cost allocation formulas. Note that PJM initially planned the project as part of the State of New Jersey's Offshore Wind Strategic Plan and its related request to integrate the new offshore wind electric generation with the existing PJM transmission system in accordance with PJM's State Agreement Approach (SAA). Since that time, the New Jersey Offshore Wind Plan has been canceled. Other grid requirements continue to make construction of the Bramah Substation necessary.

Why Now

PJM identified the project to resolve reliability issues exacerbated by changes to generation flow patterns and increased load in the PJM footprint, particularly in the Doubs (Allegheny Power System) and Northern Virginia (Dominion Energy) areas. Additionally, the retirement of the Brandon Shores generation facility is now scheduled for 2028. The Bramah Substation will help provide a solution to increase reliability and accommodate transmission line work (accomplished by other utilities) prior to 2028.

Impact of Construction on Nearby Roadways

The Bramah Project Road Use Maintenance Agreement (RUMA) is an agreement between the project team and local township officials that establishes how roads will be used and protected during construction activities. Under the agreement, Transource and its contractors are responsible for using approved haul routes, monitoring road conditions, and maintaining or repairing any impacts to the roadway system that result from project-related construction traffic. The RUMA helps ensure that local roads remain safe and accessible for residents throughout construction while providing a clear process for addressing repairs and restoring roadway conditions as needed.

Project Map

An interactive map of the project can be found at TransourceEnergyProjects.com/Bramah



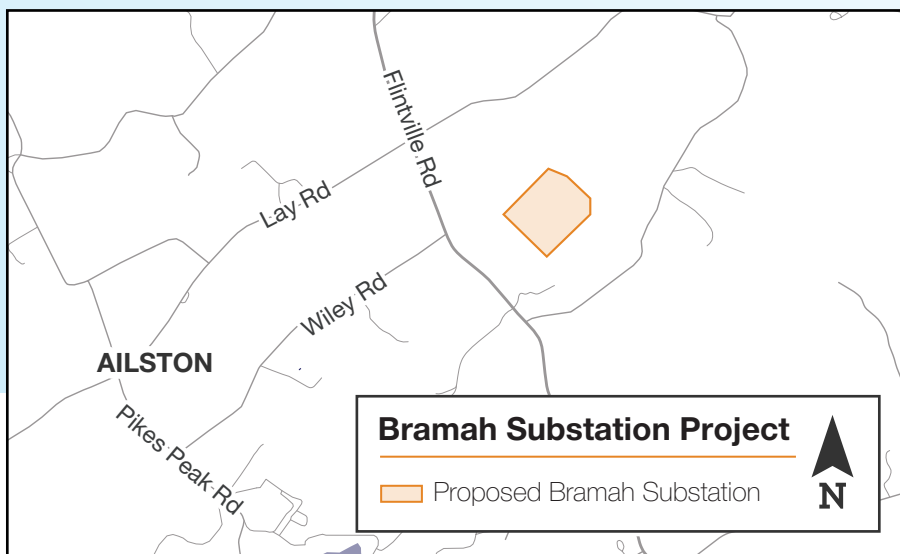
Transource treats people and the environment with respect when constructing new facilities.

Transource prioritizes proactive and early engagement with landowners and stakeholders.

Contact Us

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Typical Substation



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

To learn more about this project, visit: TransourceEnergyProjects.com/Bramah