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October 2, 2023

VIA ELECTRONIC FILING

Ms. Karen Buckley
Executive Secretary
Public Service Commission of West Virginia
201 Brooks Street
PO Box 812
Charleston, West Virginia 25323

**Re: Glen Falls and Fairview Substation Equipment Replacement Project
TMP-_____**

Dear Ms. Buckley:

This is a notification of replacement of substation equipment at the terminal ends of the existing Glen Falls-Fairview 138 kV Transmission Line and construction of a temporary transmission line bypass at one end. Per Commission Order dated January 18, 2023, in General Order No 265, this notification should not be docketed as a formal case.

Attached is an 8 ½" x 11" color topographic map depicting the area of the proposed Monongahela Power Company Glen Falls and Fairview Substation Equipment Replacement Project ("Project") and incorporated herein as **Attachment 1**. The Project is located at the Glen Falls Substation located approximately 1.8 miles north of the City of Clarksburg, in Harrison County, and at the Fairview Substation located approximately 2.25 miles northwest of the town of Fairview, in Monongalia County, West Virginia.

Monongahela Power Transmission Planning has identified transmission substation protection schemes that are using a certain vintage of substation electromechanical relays and communication equipment that have a history of misoperation at both the Glen Falls Substation and Fairview Substation. FirstEnergy's Standards call for enhancement of fault protection to reduce relay misoperations, reduce the number of transmission system elements removed from service during a fault, and increase the availability of transmission system elements.

From 2013 to present, there were four outages on the Glen-Falls-Fairview 138 kV Transmission Line that were the direct result of failed AC equipment. This Project will mitigate the potential for outages of this nature and better serve the approximately 55.7MW of load and 5,556 customers served from this transmission line.

PJM, in its capacity as the regional Transmission Planner, Planning Coordinator, Transmission Operator, Balancing Authority and Reliability Coordinator, along with FE operations has coordinated outage requirements as part of the reliability planning, economic planning, and interconnection planning processes to preserve the reliability of the electricity grid that is under its operational control as the Regional Transmission Organization ("RTO"). The project need was presented to PJM on June 16, 2023 and the proposed solution will be presented at the October 20, 2023 Sub-regional RTEP Committee Western meeting at which time the PJM Project identifier will be provided. A PJM project number has not been issued yet.

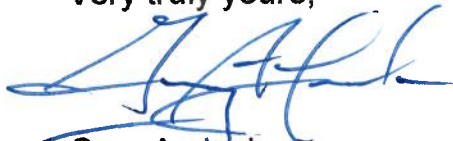
As part of the Project, there will be some temporary transmission line work outside of Glen Falls Substation to tie the Fairview-Glan Falls 138 kV line and Glen Falls-McAlpin 138 kV line together, via a mobile truck-mounted load break switch, to provide reliability to Harrison Power Station, if necessary. This temporary tie will be removed when work is complete.

Construction of the Project is expected to commence on or about October 3, 2023 at Fairview Substation and then move to Glen Falls Substation. Work is anticipated to be complete by the end of November 2023.

The estimated cost of the proposed Project is approximately \$2,500,000, costs to be incurred by Mon Power.

If you have any questions pertaining to this matter, please do not hesitate to contact me.

Very truly yours,



Gary A. Jack
Sr. Corp. Counsel
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Enclosure



0 1,000 2,000 4,000
Feet

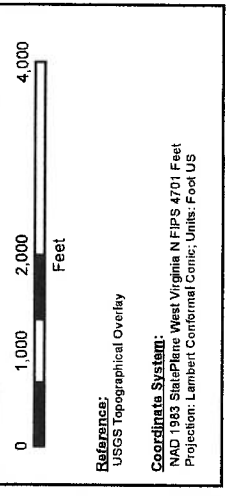
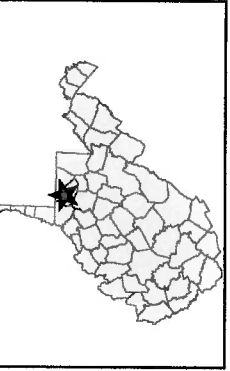
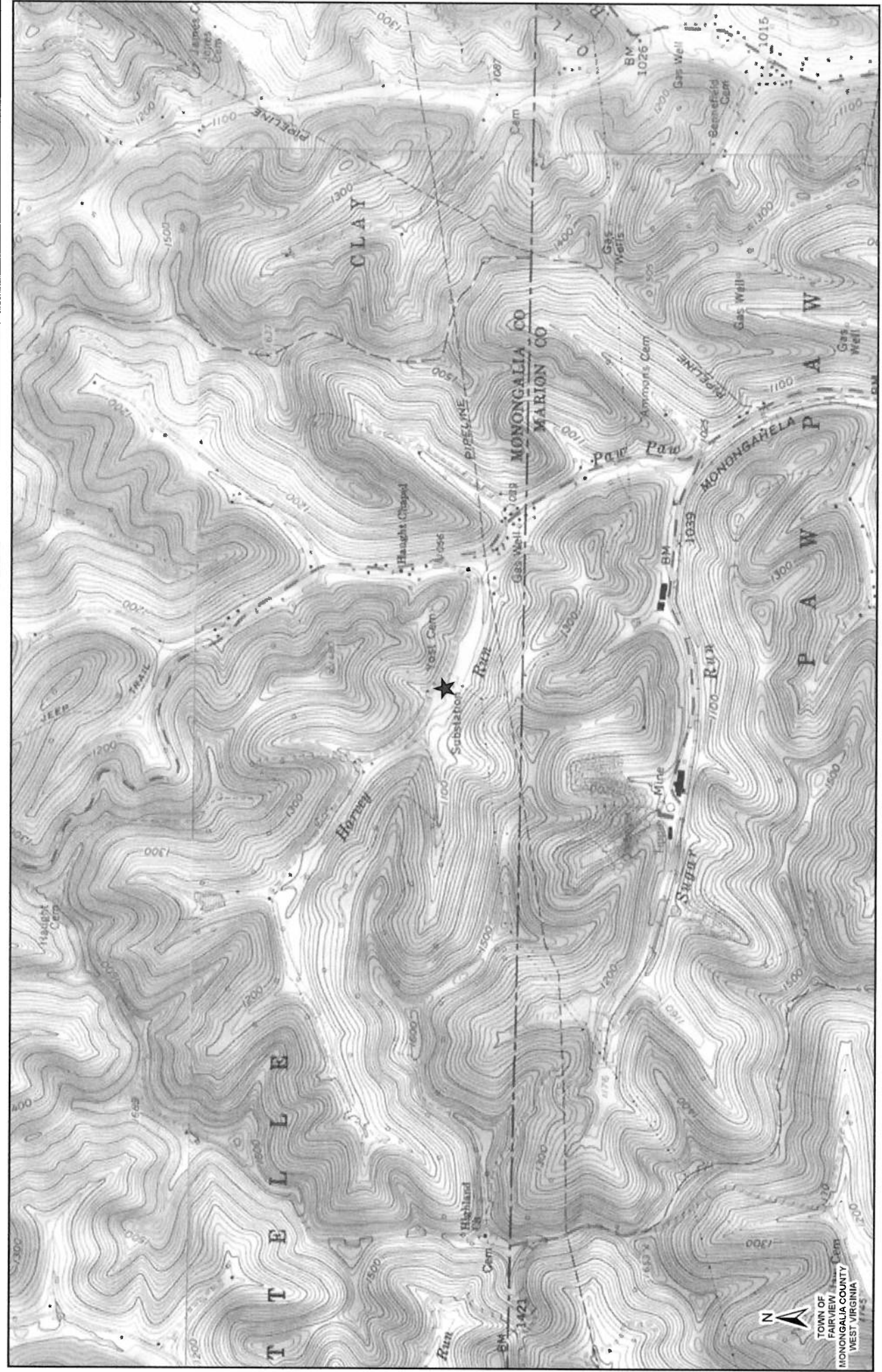
Reference:
USGS Topographical Overlay

Coordinate System:
NAD 1983 StatePlane West Virginia N FIPS 4701 Feet
Projection: Lambert Conformal Conic; Units: Foot US

LEGEND:

★ **PROJECT AREA**

CITY OF
CLARKSBURG
HARRISON COUNTY
WEST VIRGINIA



LEGEND:
★ PROJECT AREA