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February 23, 2024

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: Sutton Substation Equipment Replacement Project
TMP-_____**

Dear Ms. Buckley:

This is a notification of replacement of substation equipment at the Sutton Substation. 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 Sutton Substation Equipment Replacement Project ("Project") and incorporated herein as **Attachment 1**. The Project is located at the Sutton Substation which is located approximately 2.3 miles northeast of the town of Sutton, in Braxton 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 the Sutton 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. The required equipment upgrades that need to be made at the Sutton Substation include:

- Foundations, conduit, and grounding for new equipment
- Three 138 kV surge arresters
- One 138 kV CVT

- One 138 kV Wave trap and line tuner

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”). Due to the proposed work at the Sutton Substation, the transmission line rating on the existing Heater Tap – Sutton line segment will increase. Because of this increase, the project need was presented to PJM on October 20, 2023, and the proposed solution was presented at the November 17, 2023, Sub-regional RTEP Committee Western meeting. The Project PJM supplemental ID is s3111.1.

Construction of the Project is expected to commence on or about April 2, 2024, and be complete on or about October 18, 2024.

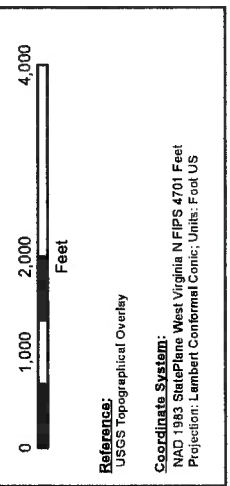
The estimated cost of the proposed Project is approximately \$909,000, to be borne by Mon Power.

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
Bar # 1855



LEGEND:

★ **Project Area**