

# Transmission Expansion Advisory Committee DEOK Supplemental Projects

Nov 14, 2025

# Changes to Existing Supplemental Projects



## DEOK Transmission Zone M-3 Process Turfway

**S3600.1:** will be posted in 2025 Local Plan. Need Number: DEOK-2024-004. Original Solution Meeting on 02/14/2025.

Changes are marked in red

### Reason For Change:

The planned new 138 kV Turfway substation is being changed from a straight bus to 4-breaker ring bus to improve reliability and operational functionality of the substation.

### Solution:

Build a new substation, Turfway, with a ~~switch connected straight bus configuration, two circuit switcher connected~~ 4-breaker ring bus with nonadjacent feeders supplying two 138/34 kV, 22.5 MVA transformers with two distribution exits each.

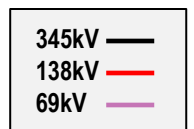
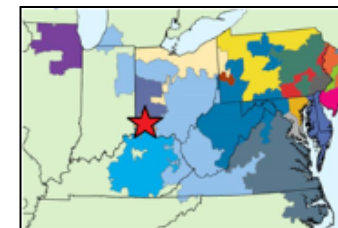
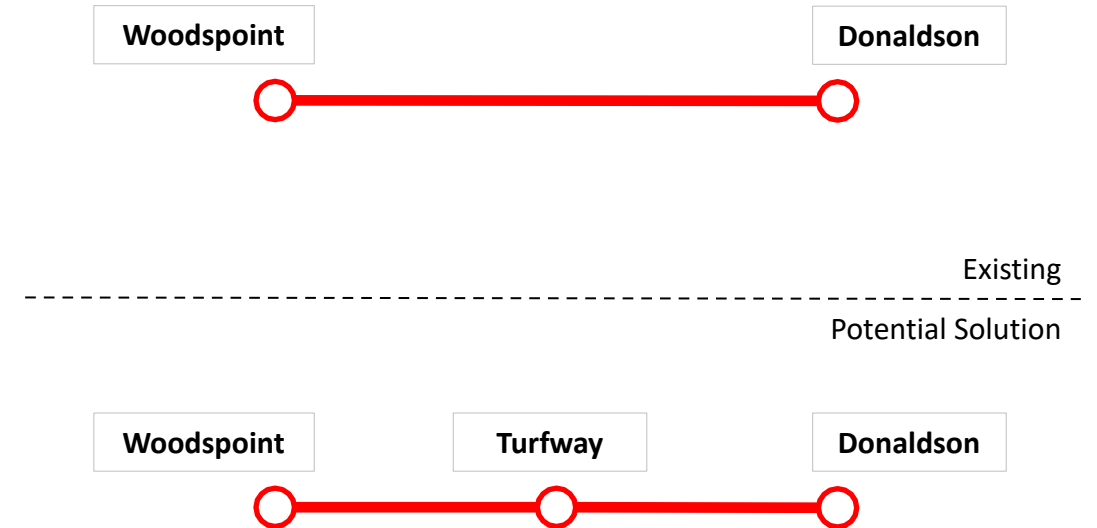
Intercept the Donaldson-Woodspoint 138 kV circuit looping it through Turfway. The total length of new feeder and right-of way is approximately two miles.

**Estimated Transmission Cost:** ~~\$13M~~ \$15.8M

**Proposed In-Service Date:** ~~07/25/2029~~ 07/26/2028

**Supplemental Project ID:** s3600.1

**Project Status:** Scoping



# Appendix

# High Level M-3 Meeting Schedule

## Assumptions

| Activity                                      | Timing                             |
|-----------------------------------------------|------------------------------------|
| Posting of TO Assumptions Meeting information | 20 days before Assumptions Meeting |
| Stakeholder comments                          | 10 days after Assumptions Meeting  |

## Needs

| Activity                                       | Timing                       |
|------------------------------------------------|------------------------------|
| TOs and Stakeholders Post Needs Meeting slides | 10 days before Needs Meeting |
| Stakeholder comments                           | 10 days after Needs Meeting  |

## Solutions

| Activity                                           | Timing                           |
|----------------------------------------------------|----------------------------------|
| TOs and Stakeholders Post Solutions Meeting slides | 10 days before Solutions Meeting |
| Stakeholder comments                               | 10 days after Solutions Meeting  |

## Submission of Supplemental Projects & Local Plan

| Activity                                              | Timing                                                                                      |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Do No Harm (DNH) analysis for selected solution       | Prior to posting selected solution                                                          |
| Post selected solution(s)                             | Following completion of DNH analysis                                                        |
| Stakeholder comments                                  | 10 days prior to Local Plan Submission for integration into RTEP                            |
| Local Plan submitted to PJM for integration into RTEP | Following review and consideration of comments received after posting of selected solutions |

# Revision History

11/4/2025 – V1 – Updated solution posted to pjm.com

11/14/2025 – Formatting Updated

11/20/2025 – Details for the reason for change updated.