

# Sectionalizing Schemes

January 2012  
Stakeholder Meetings  
Mike Lawruk

- Below is a list of new Sectionalizing Schemes to be incorporated into M-03, attachment E in Spring 2012.
  - 1) First Energy changes, due to installation of New Cabot #3 500/138 kV transformer
    - **Cabot #1 500/138kV Transformer Sectionalized** – Restores Cabot #3 500/138kV transformer for a fault on the Cabot #1 500/138kV transformer.
    - **Cabot #3 500/138kV Transformer Sectionalized** – Restores Cabot #1 500/138kV transformer for a fault on the Cabot #3 500/138kV transformer.

## 2) DOM changes

- **576A LINE: Midlothian – North Anna 500kV Sectionalized** – Restores the Midlothian-North Anna and Midlothian TX#2 following a fault on the Midlothian – North Anna line.
- **558 LINE: Pleasant View – Loudoun 500kV Sectionalized** – Restores the Doubs-Pleasant View and Pleasant View TX#3 following a fault on the Loudoun-Pleasant View line

## 3) AEP additions

- **Kammer #.100 345/138kV Transformer Sectionalized-** Restores Kammer 345kV CB's CC1, DD1, and BB2 after 345kV disconnect VV opens.
- **Kammer #.100 345/138kV Transformer Sectionalized-** Restores Kammer 345kV CB's CC2, DD2, and BB2 after 345kV disconnect TT opens.
- **East Lima-Southwest Lima 345 kV Sectionalized-** Restores East Lima 345 kV ring bus following a fault on and isolation of the East Lima-Southwest Lima 345 kV line.
- **East Lima-Maddox Creek 345 kV Sectionalized-** Restores East Lima 345 kV ring bus following a fault on and isolation of the East Lima-Maddox Creek 345 kV line.
- **East Danville Transformer #4 sectionalized-** Restores East Danville 138kV bus following a fault on and isolation of the #4 transformer.
- **East Danville Transformer #5 sectionalized-** Restores East Danville 138kV bus following a fault on and isolation of the #5 transformer.
- **East Danville-East Monument sectionalized-** Restores East Danville 138kV bus following a fault on and isolation of the East Danville-East Monument 138kV line.
- **West Millersport #2 transformer sectionalized-** Restores West Millersport #2 345kV bus following a fault on and isolation of #2 transformer.