Furnace Run Substation
500 kV Line Designation

Yuri Smolanitsky
Sr. Engineer, Transmission Operations
Furnace Run Project Details

• Project Summary
  – PJM Baseline RTEP project b2752.1-b2752.9

• Project Purpose and Necessity
  – Market efficiency / Congestion Relief

• Expected In-Service Date:
  – Spring 2020
Furnace Run Line Designation Request

- Tap the Peach Bottom – TMI 500 kV line & create new Furnace Run 500 kV & 230 kV stations. Install two 500/230 kV transformers.
- Designation of TMI-Furnace Run 500 kV changing to 5069.
- Designation of Peach Bottom-Furnace Run remains the same 5007.
Furnace Run project overview

TMI (FE East)

Peach Bottom (PE)

Furnace Run 500 and 230 kV (Transource)