



## Duke Energy Ohio/Kentucky

2015 RTEP Assumptions for Western Sub-region, March 2015



- Serves Greater Cincinnati Area
- Total Transmission Facilities: 1903 Miles
  - 345 kV ~403 Miles
  - 138 kV ~725 Miles
  - 69 kV ~775 Miles



- Load Flow Cases
  - DEOK uses the RTEP and ERAG MMWG cases for transmission and 69 kV analysis
  
- RTEP Case
  - DEOK works with PJM to develop RTEP case
  - Verifies topology, ratings, etc. are accurate
  
- MMWG Case
  - DEOK detailed case
  - Load scaled to latest 50/50 Forecast

- 2015 RTEP Baseline Assessment
  - PJM performs analysis on DEOK area using RTEP case
  - Satisfies NERC reliability standards TPL-001 through TPL-004
  
- DEOK validates analysis and coordinates with PJM to identify upgrades
  
- Upgrades are presented to Sub-regional RTEP Committee and/or the TEAC for stakeholder input

- Supplemental Projects
  - DEOK criteria based upgrades
  - Provides support to 69 kV and distribution system
  - Facilitates interconnection of new transmission customers
  - Provides operational flexibility
  - Addresses Aging Infrastructure
  - Not approved by PJM Board
  
- DEOK Transmission Planning Criteria
  - Filed under FERC Form 715
  - Available on PJM website



