

# Rice and Vinco Substation 500 kV Line Designation

Yuri Smolanitsky  
Sr. Engineer, Transmission Operations



- Project Summary
  - PJM Baseline RTEP project b2743.1-b2743.14
- Project Purpose and Necessity
  - Market efficiency / Congestion Relief
- Expected In-Service Date:
  - Spring 2020

- Project Summary
  - PJM network upgrade n4682-n4685
- Project Purpose and Necessity
  - Interconnection of a new combine cycle generation facility
- Expected In-Service Date:
  - Fall 2018

- Tap the Conemaugh - Hunterstown 500 kV line and create new Rice 500 kV & 230 kV stations. Install two 500/230 kV transformers.
- Tap the Conemaugh – Hunterstown 5006 500 kV line & create new Vinco 3 CB's 500 kV ring bus.
- Conemaugh – Vinco will have designation 5006 in 2018.
- Hunterstown – Vinco will have designation 5068 in 2018.
- Hunterstown – Rice will have designation 5068 in 2020.
- Vinco – Rice will have designation 5054 in 2020

# Vinco and Rice Line project overview

Final Configuration: Conemaugh-Vinco-Rice-Hunterstown.

