Edward’s Ferry Substation

RTEP Supplemental Project #S0137
Spring 2014
Dominion’s Edwards Ferry Substation

PJM Supplemental Project S0137:

- Location: Edward’s Ferry
- Task: Install
- Equipment: Delivery Point
- Description: Edwards Ferry Sub- Install new 230kV delivery point along Pleasant View – Dickerson 230kV line and install two 230/34kV transformers
- Voltage: 230 / 34
- Initial TEAC Date: 06/05/2008
Dominion’s Edwards Ferry Substation

PJM Supplemental Project S0137:

- 230kV line work completed on 09/26/2013
  - Install new backbone
  - Cut 230kV line switches into main line
  - eDART #451234

- 230kV transformer energization expected on 04/15/2014
  - Expected loads
    - Summer 2014: 44 MVA
    - Summer 2015: 47 MVA
    - Summer 2016: 50 MVA
230kV Pleasant View – Edwards Ferry – Dickerson
One-Line Diagram

PLEASANT VIEW SUBSTATION

EDWARDS FERRY SUBSTATION
Notes of Interest

The project was approved prior to the RTEP process requiring a Tie-Line Project Package. There were no arrangements made to alter tie-line metering to compensate for any impacts caused by the completion of the project.
Continued

Telemetry will be provided to monitor loading on the Edwards Ferry distribution transformer in real time. An algorithm will be programmed into the Dominion EMS to adjust the indicated line loading at Pleasant View for the purpose of simulating the Dickerson tie line metering to provide backup telemetry and metering should the Dickerson tie line telemetry become disabled.
QUESTIONS????