

This analysis was completed to assess the reliability impact for a new generator interconnecting to the PJM system as a Capacity resource.

Network Impacts - 575MW Injection

Injection of 575 MW into the Richmond 230kV substation was evaluated for network impacts. The following potential impacts were identified:

Revised Posting: Upon the request of the developer of the G45 request, a sensitivity analysis has been performed to examine the network impacts on the 69 kV system of interconnecting of approximately 145 MW of the 575 MW request on the Richmond 69 kV system. The sensitivity analysis revealed no reliability violations on the 69 kV system as a result of this alternative interconnection.