RTEP Retool Due to Withdrawal of Projects
B35 and B36

Network Impacts

The system, as planned, was evaluated for compliance with reliability criteria due to the withdrawal of two generation projects (B35 and B36). A description of these projects can be found at http://www.pjm.com/geninter/geninter.html. The results of the retool are summarized below.

Single Contingency (MAAC Criteria IIA)

No identified problems.

Second Contingency (MAAC Criteria IIB)

No identified problems.

Multiple Facility Contingency (MAAC Criteria IIC)

No identified problems.

Generator Deliverability

1. The TMI 500/230 kV transformer is overloaded for the outage of Conastone – Peach Bottom 500 kV. The cost allocation for all impacted projects is provided below.

Stability (MAAC Criteria IV)

No additional stability analysis was completed for the withdrawal of these projects.

CETO/CETL (MAAC Criteria III / VIIB)

No identified problems.

Short Circuit Analysis
No identified problems.

System Reinforcements and Cost Allocation
Overload # 1 can be eliminated by installing a second 500/230 kV transformer at TMI. The cost is estimated at $10.6 million and is expected to take 2.5 years.

#	System Upgrades	Cost Estimate ($ Millions)	C13	D19	D20	E21	Total
	-	-					
252	Add a second 500/230 KV Transformer at TMI	10.600	7%	35%	35%	22%	100 %
	Add a second 500/230 KV Transformer at TMI	10.600	19 MW	92 MW	92 MW	56 MW	