



PJM Initial Ideas on Reactive Power Reform

Glen Boyle, Sr. Manager, Performance
Compliance Dept.

Reactive Power Compensation Task Force
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- Focus on PJM operational needs
 - Maintain accurate MVAR capability in PJM tools
- Ensure that resources are meeting their ISA obligations
- Encourage resource performance for real time voltage control

- Directly interconnected on a PJM Transmission Facility
 - Ability to impact transmission voltage
- Follow a PJM voltage schedule
 - With TO input
- Has Automatic Voltage Regulator (AVR) or other mechanism to automatically respond to monitored transmission voltage
- Has appropriate telemetry
- Ability to be tested to or have demonstrated deliverability of MVAR capability
- Must have ISA

- Must meet ISA requirements for PF requirements
- Remove any potential for overlapping of reactive revenue in capacity market and Schedule 2
- Develop performance-based penalty/bonus structure

- On periodic (monthly?) basis, perform resource performance evaluation
 - If regulated voltage is outside voltage schedule
 - Did resource perform as expected?
 - Based on D-curve limits / ISA requirements
 - If resource does not respond as expected
 - Establish penalty criteria
 - If regulated voltage is within voltage schedule for month or if resource meets/exceeds expected MVAR output
 - Resource receives performance bonus
- Extend Reactive Services Uplift to all resource types

Facilitator:
Diane Lake, Diane.Lake@pjm.com

Secretary:
Risa Holland,
Risa.Holland@pjm.com

SME/Presenter:
Glen Boyle, Glen.Boyle@pjm.com



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com