Metering

Harry Dessender

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NEMSTF

- Must respect transmission owner requirements
- Real-time telemetry for EMS/State Estimator
    - ANSI & NERC standards
    - Only if generator bus modeled
- Revenue meter data for Market Settlements
    - Submitted via eMTR (positive net injection only)
    - Reflected in reduced eSchedules load value (negative net injection)
- Detailed requirements in PJM Manual 14D

- Generator must be modeled in the PJM EMS if:
  - Greater than 10 MW (1 MW, if at 34 kV or above)
  - Capacity resource
  - Sets LMP

- Generator must be modeled in PJM eMTR if:
  - Modeled in the PJM EMS
  - Any positive net energy injections
  - LMP revenues to be calculated by PJM

- Generator must be modeled in PJM eMKT if:
  - Capacity resource
  - To be paid at Day-ahead LMP