Function — Generator Operation

Definition
Operates generating unit(s) to provide real and reactive power.

Tasks
1. Formulate daily generation plan.
2. Report operating and availability status of units and related equipment, such as automatic voltage regulators.
3. Develop annual maintenance plan for generating units and perform the day-to-day generator maintenance.
4. Operate generators to provide real and reactive power or reliability-related services per contracts or arrangements.
5. Monitor the status of facilities classed as generating assets.

Responsible Entity — Generator Operator

Relationships with Other Responsible Entities

Ahead of Time
1. Provides generation commitment plans to the Balancing Authority.
2. Provides Balancing Authority and Transmission Operators with requested amount of reliability-related services.
3. Provides operating and availability status of generating units to Balancing Authority and Transmission Operators for reliability analysis.
4. Reports annual maintenance plan for generating units to Reliability Coordinator, Balancing Authority and Transmission Operators.
5. Reports status of automatic voltage regulators to Transmission Operators.
6. Provides operational data to Reliability Coordinator.
7. Revises generation maintenance plans per directive of Reliability Coordinator.
8. Receives reliability analyses from Reliability Coordinator.
9. Receives notice from Purchasing-Selling Entity if Interchange Transaction approved or denied.
10. Receives reliability alerts from Reliability Coordinator.
11. Receives notification of transmission system problems from Transmission Operators.

Real Time
1. Provides real-time operating information to the Transmission Operators and the required Balancing Authority.
2. Adjusts real and reactive power as directed by the Balancing Authority and Transmission Operators.