



An Exelon Company

Removal of the Aurora Energy Center Remedial Action Scheme (RAS)

ComEd / Exelon Corporation
Transmission Planning
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Aurora Energy Stability RAS

✓ Original Purpose

- To prevent Aurora Energy Center generating units from going unstable following multi-phase faults with breaker failure that are cleared in backup time
- Described in ComEd System Planning Operating Guide (SPOG) 1-3-M
- RAS is normally in-service

✓ RAS Action:

- Trips up to two of the six Aurora EC units on the 138kV red system if a close-in multi-phase fault fails to clear within 8 cycles.

Aurora RAS Removal

- ✓ A reinforcement project is being implemented to upgrade relays and reduce clearing times for faults for which Aurora units can go unstable
- ✓ Upon completion of the project, the Aurora RAS will no longer be required and will be removed.
- ✓ Reliability *First* has been informed of the RAS removal per RF RAS Review Procedure

Questions?