

SA minimum synchronous generator requirements

Update

March 2023



Progress update

- AEMO and ElectraNet are assessing technical requirements
- Under some system conditions, it is likely that the requirement can be reduced to a minimum of one large synchronous generator
- Current status of ElectraNet limits advice:
 - Voltage control – complete
 - Protection adequacy – complete, protection changes expected in Q2 of 2023
 - Transient stability – complete
 - System strength – expected in Q1 of 2023
 - Oscillatory damping – expected in Q2 of 2023

Progress update

- AEMO will update constraints and operating procedures once due diligence studies complete
- AEMO will advise market at least 2 weeks prior to implementation of limits
- Next regular update will be provided in April 2023



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