Making sure the power system is stable and there is enough capacity to meet customer demand.

**WHOLESALE RELIABILITY**

- Enough capacity to meet demand: having sufficient generation and demand response capacity to supply customer needs.

**AUSTRIAN ENERGY MARKET COMMISSION**

**SYSTEM SECURITY AND RELIABILITY ACTION PLAN 2019**
Updated 4 April 2019

**SYSTEM SECURITY**

A stable power system: the power system operates within defined technical limits, even when a major power system element disconnects from the system.

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**WHOLESALE RELIABILITY**

- Underway:
  - AEMC/AEMO/AER virtual power plant trial: Trial to inform changes to regulatory frameworks and operational processes so VPPs can play a bigger role in the energy market. In Australia grid-connected VPPs are focused on coordinating rooftop PV and battery storage.

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**WHOLESALE RELIABILITY**

- April 2019:
  - Final report: Reliability Panel annual review of market performance
    - Review of the performance of the national electricity market in terms of security, reliability and safety over 2017-2018.

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**WHOLESALE RELIABILITY**

- April 2019:
  - Consultation paper: Definition of unserved energy project
    - Reliability Panel project to clarify and simplify the definition of unserved energy used in post-event analysis of supply interruptions.

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**WHOLESALE RELIABILITY**

- July 2019:
  - Final determination: Generator registration thresholds rule
    - Reducing the threshold for registration as a generator from 30 MW to 5 MW.

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**WHOLESALE RELIABILITY**

- July 2019:
  - Draft determination: Wholesale demand response rule
    - Seeks to introduce a new mechanism, register or separate market to enable more wholesale demand response.

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**WHOLESALE RELIABILITY**

- June 2019:
  - Directions paper: Reforms to access arrangements review
    - Developing draft rule change requests to progress phased reforms to how generators access and use the network.

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**WHOLESALE RELIABILITY**

- Oct 2019:
  - Draft report: Reforms to transmission charging review
    - Developing rule change requests to improve the inter-regional transmission charging regime so that it adequately attributes the cost of interconnectors to those who benefit from them.

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**WHOLESALE RELIABILITY**

- April 2019:
  - Final report: Reliability Panel review of the frequency operating standard
    - Assessing whether the existing standard is appropriate to maintain a secure power system as the generation mix changes.

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**WHOLESALE RELIABILITY**

- April 2019:
  - Final report: Reliability Panel assessment of protected event request
    - Request by AEMO to declare the risk to South Australia’s power system from destructive winds as a “protected event”.

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**WHOLESALE RELIABILITY**

- April 2019:
  - Consultation paper: Improving intervention compensation and settlement processes rule
    - Rules to improve administrative processes related to AEMO’s interventions in the market, for example the way generators are compensated after a direction to help maintain system security or reliability.

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**WHOLESALE RELIABILITY**

- April 2019:
  - Consultation paper: Implementation mechanisms and system strength project
    - Evaluating the effectiveness of the interventions framework in light of the increasing use of directions by AEMO to manage system security, and of related system strength frameworks.

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**WHOLESALE RELIABILITY**

- April 2019:
  - Issues paper: Review of system black event in South Australia
    - The AER has completed investigations into pre- and post-event issues. We will consider these in relation to amendments to the regulatory frameworks.