

# Rule Change Proposal – Transparency of Operating Data

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# OVERVIEW OF THE RULE CHANGE PROPOSAL



- AEMO is seeking to publish the following operating data in dispatch time, i.e. every five minutes
  - actual generation for scheduled, semi-scheduled and non-scheduled generating units or generating systems
  - scheduled network service
  - scheduled load
- Currently, AEMO is required to publish the operating data for the previous trading day. AEMO also publishes the scheduled load every five minutes because it is interconnector flow data
- The driver for the proposal is the development of technology that remotely senses power line flows which can be used to estimate power station outputs

# OVERVIEW OF THE RULE CHANGE PROPOSAL (CONT.)



- Publishing this operating data was raised by members of the Dispatch and Pricing Reference Group (DPRG), a NEMMCO representative chairs this meeting
- The National Generators Forum (NGF) formally requested NEMMCO provide the operating data and transmission flow path data (AEMO intends to progress this later) under clause 3.13.1(a) of the Rules
- AEMO considered a Rule change was necessary to progress the request because:
  - there is an implicit prohibition against publishing the information earlier since the Rules state that it should be published the next trading day
  - it is a significant change in the market information being published
- AEMO proposes to publish the operating data for individual entities rather than aggregated at the power station level, as requested by the NGF, because it would be less transparent and require additional work with no clear market benefit

# SPOT MARKET OPERATIONS TIMETABLE



- The spot market operations timetable (timetable) is published on AEMO's website
- The timetable has a mixed purpose because it:
  - provides a list of AEMO's Rule obligations regarding published spot market information
  - also includes obligations that are determined by AEMO's following Rules consultation.
- Changes to the timetable can only be made after AEMO has conducted a Rules consultation

# PROPOSED RULE



- AEMO requests that the AEMC consult on whether the operating data should be published to the market every five minutes
- The proposed Rule modifies clauses 3.13.4(q) and (r) to allow AEMO to publish the operating data in accordance with the timetable
- To achieve the publication of operating data in an efficient and timely manner the proposed Rule includes a transitional provision that:
  - requires AEMO to change the timetable to in accordance with the Amending Rule without conducting a Rules consultation; and
  - makes the changes to the timetable within 9 months of the Amending Rule
- Future changes to the timing of the operating data would require AEMO to conduct a Rules consultation procedure

# THE NATIONAL ELECTRICITY OBJECTIVE



- AEMO considers that the proposed Rule is likely to promote the national electricity objective because it would increase allocative efficiency by:
  - reducing information asymmetries between Registered Participants by increasing the amount of information available
  - providing this data at a lower cost to Registered Participants. AEMO already collects and disseminates this information and is only required to make minor changes to change the timing
  - producing directly metered operating data (known as SCADA data) is likely to be more superior than that derived from remote line sensing technology
- Promotes good regulatory practice because it is consistent with market design principle two because it would increase market transparency in the interests of achieving market efficiency

# EXPECTED BENEFITS AND COSTS



- AEMO expects:
  - that Registered Participants would benefit because increased transparency would facilitate more informed trading decisions in the presence of sudden and unplanned generation patterns
  - to incur minor costs associated with amending the timetable and the market system changes to amend the publication timing of this operating data, these are one-off costs
  - private providers of this technology would be impacted.



# Questions