

ENERGY SECURITY BOARD ENHANCED LOCATIONAL INFORMATION

UPDATE AND NEXT STEPS

TAR Technical Working Group – 29 June 2023





PRESENTING TODAY



Stuart Norgrove (AEMC, Advisor)



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AGENDA

- Overview
- Way forward
- Implementation timeline – feedback
- Questions



OVERVIEW OF BOARD DECISION

We've sought stakeholder feedback on the problem and possible solutions

- Following Ministers' request to progress Enhanced Information, we held two working groups
- We heard that better information on congestion and other locational attributes of the power system would be useful, but there are differing views on the efficient level of detail and specific implementation
- A desire for easier access to more data to reduce information asymmetry was a common theme

We've considered feedback on priorities and pros and cons of different implementation approaches

The path forward

- **Faster implementation:** It has been decided to prioritise the preparation of the enhanced information report. This can be done without a rule change – and will be implemented faster as a result
- **Better access to information:** initially, we are prioritising better access to information. The first iteration will be an annual report that draws from and consolidates existing sources of information
- **Adapting to stakeholder needs:** the scope of enhanced locational information will be consulted on every two years to allow the report to evolve with stakeholder needs including potential additions such as hosting capacity

Implementation timeline

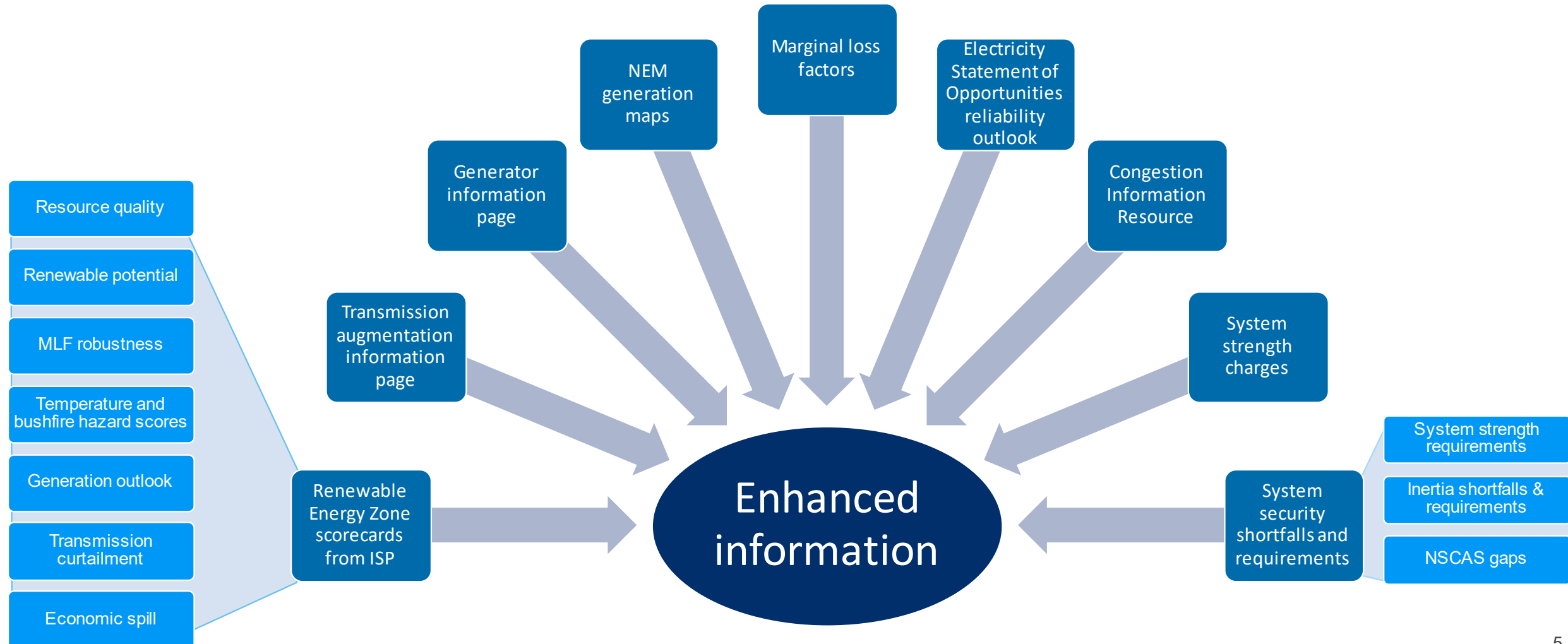
- We are considering two potential implementation timelines:
 - One with no further initial consultation and a more-prompt initial report
 - One with additional initial consultation a slightly later initial report
- We are keen to hear your feedback on these two options before finalising implementation timing



WAY FORWARD



SCOPE OF INFORMATION TO BE PROVIDED





EXCLUSIONS

- Power system data and modelling
 - Participants and intending participants can access technical data and models through AEMOs data request process
 - AEMO will investigate options to improve stakeholder access to power system data such as streamlining the process to access pre-tuned network snapshots through a subscription model
- Distribution network information
 - Limited distribution network information is available in the public domain, mostly through Distribution Annual Planning Reports (DAPRs)
 - Information on available distribution networks capacity is available on the National map (previously named the Australian Renewable Energy Mapping Infrastructure map).



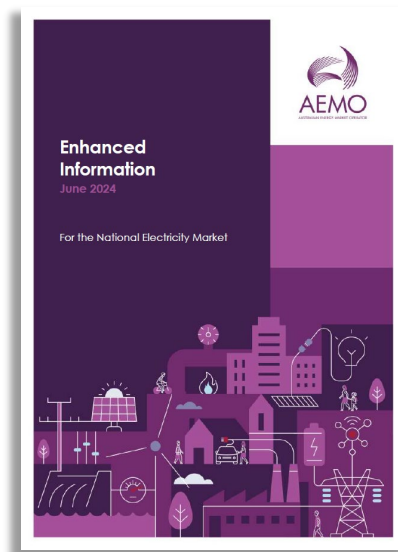
TAPR IMPROVEMENTS

- AEMO is in discussions with TNSPs on how the scope and method for providing information on congestion and network capacity through the TAPRs could be amended, and whether there is further opportunity for alignment.
- AEMO is also in discussions with TNSPs on the timing of publishing network constraint information for future augmentations considering the trade-offs between accuracy of information, efficiency impacts and optimal timing.
- This is expected to be an ongoing process with a different timeframe to the enhanced information process.



FORM OF INFORMATION

- Propose that AEMO will provide enhanced information as an annual report or webpage.
- Options include downloadable PDF supported by data files





IMPLEMENTATION TIMELINE – TWO OPTIONS



- **Option 1 – “Consult first”** – Consult before publishing the first report

2023		2024				2025			
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Consult			Publish				Publish		

- **Option 2 – “Report first”** – Leverage the first report to improve consultation

2023		2024				2025			
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
		Publish				Consult	Publish		



NEXT STEPS

1. Paper publication – ESB website
2. Implementation and consultation



OTHER QUESTIONS AND THOUGHTS?

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