

Australia's electricity market reform roadmap

The Energy Security Board is changing the market and regulatory frameworks so we can better integrate large and small scale renewables into the system. Without these reforms, we won't be able to unlock the full value the renewable revolution and new technologies can offer customers.



ENERGY SECURITY BOARD

The Energy Security Board is made up of members from each market body. The ESB provides a whole of system oversight for energy security and reliability to drive better outcomes for consumers.



AEMC

They make and revise the energy rules and provide advice, putting consumer interests first.



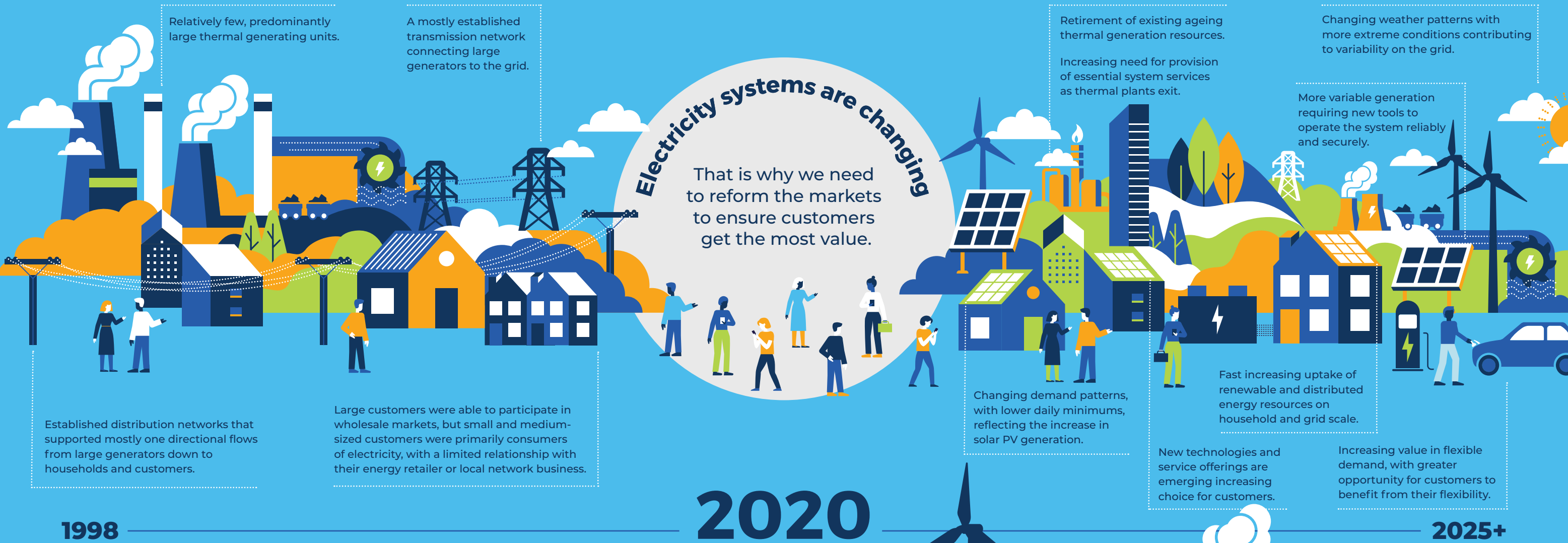
AEMO
AUSTRALIAN ENERGY MARKET OPERATOR

Australia's energy market operator and system planner. Their role is to manage the electricity and gas systems and markets across Australia.



AER
AUSTRALIAN ENERGY REGULATOR

Protects vulnerable consumers and enables market participation, regulates competitive markets and monopoly infrastructure, incentivises networks to become platforms for energy services, and informs debate.



What do we need to consider?

These changes present new challenges and opportunities we need to address. The post-2025 market design project is considering how our market frameworks need to be updated so they meet emerging and future needs. Broadly, there are four key challenges the redesign must consider.



Meeting consumer needs

Our arrangements need to support different customer choices and needs, provide effective consumer protections and deliver greater value to all electricity users.



Managing variability and uncertainty

We need systems, tools and arrangements that can better support the grid, with increased variability and uncertainty from supply and demand resources.



Need for capital replacement

As existing thermal plants reach the end of their economic life and retire, we need to replace the energy and essential services they provide.



Recognising demand flexibility and integrating Distributed Energy Resources (DER)

Flexible demand and DER can support the needs of the grid. Unlocking their value can deliver benefits to all electricity system users.

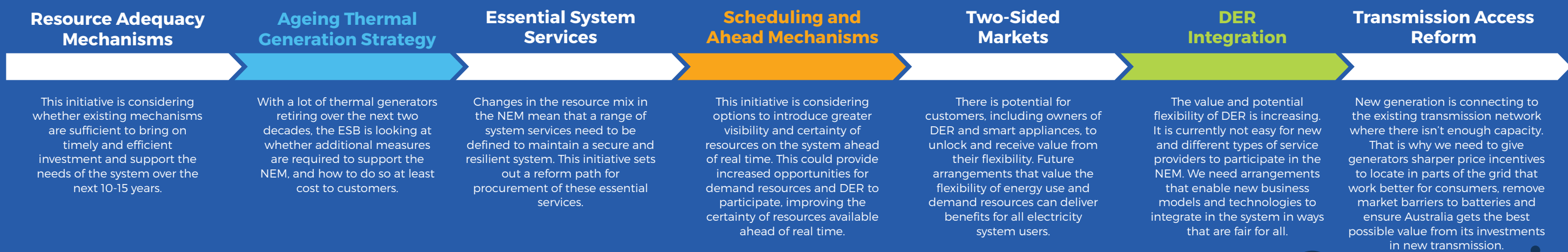
Market reform timelines

The post-2025 market design program is being approached over three key phases of development and delivery.



Market Design Initiatives

These program elements are being considered together so that coherent reforms are developed that work for all customers.



We need your help

We want to hear your views on these issues. The ESB is seeking feedback on the potential solutions identified, and your thoughts on other measures that could support customer needs.

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