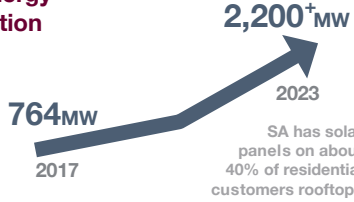


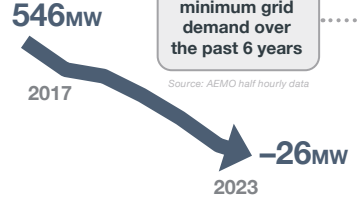
Network Transition Strategy

Ongoing Energy Transformation

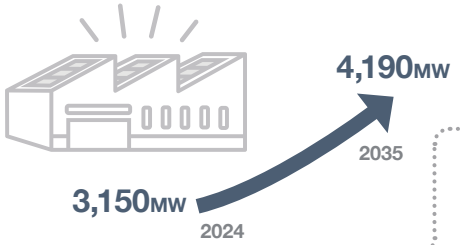
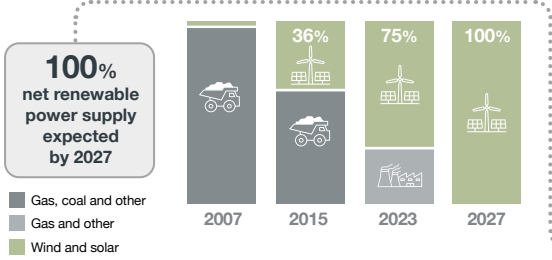
Threefold increase in rooftop PV capacity over the past 6 years



106% decrease in minimum grid demand over the past 6 years



100% net renewable power supply expected by 2027



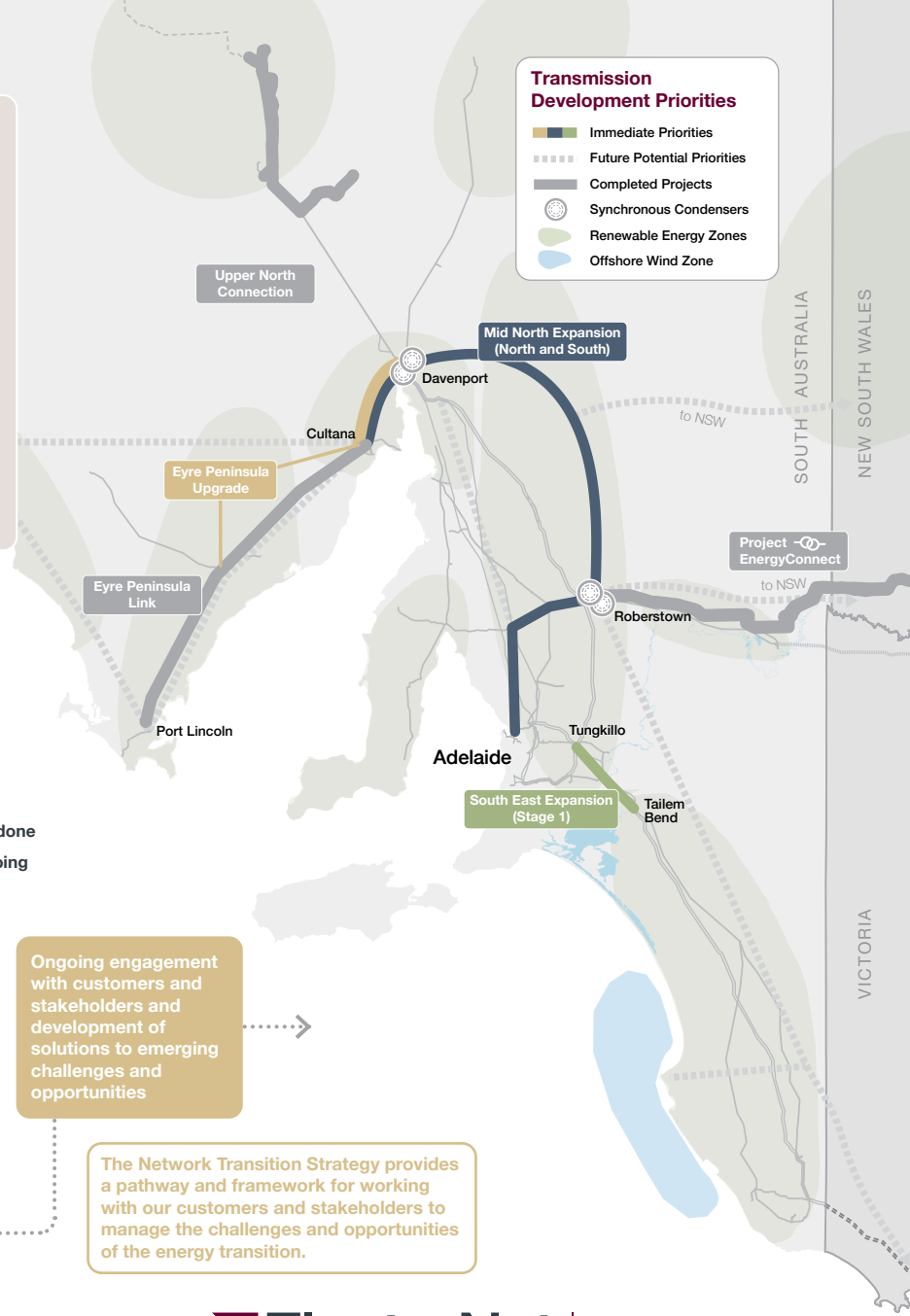
32% increase in maximum grid demand expected by 2030

Challenges and opportunities

- Unlocking demand growth and renewables
- Supply and demand variability
- System security services
- Voltage control
- Protection adequacy
- Increasing system complexity and risk
- Harnessing customer energy resources
- Extreme events
- Underlying Network Challenges

Transmission Development Priorities

- Immediate Priorities
- Future Potential Priorities
- Completed Projects
- Synchronous Condensers
- Renewable Energy Zones
- Offshore Wind Zone



How we are Responding

Our Objectives | Safety | Affordability | Reliability | Sustainability

The Network Transition Strategy is guided by our asset management objectives and underpinned by three key themes.

Energy Reliability	Eyre Peninsula Link Delivered in 2023 providing improved reliability and unlocking future growth on the Eyre Peninsula	Project EnergyConnect Completed in SA in 2023 to improve reliability, enable more renewable energy and deliver price savings for customers	Pursuing priority network developments Mid-North (Southern and Northern) Expansion South-East Expansion Eyre Peninsula upgrade
	Synchronous condensers Installed in 2021 to meet system strength and inertia requirements	System Security Procured inertia support services to protect SA when electrically islanded Implemented Wide Area Protection Scheme Implemented an automated Voltage Control Scheme at Davenport	
Power System Security & Resilience	Voltage Control Developing solutions to manage voltage across the changing network	Protection Ensuring system protection and emergency control schemes are effective for changing system conditions	Connection Arrangements Optimising distribution and customer contributions to system security
	Control Room Capability Replaced Energy Management System to improve capability to operate the network	Wide Area Monitoring Implemented a new system for improved power system monitoring	Network planning and operations capability uplift Realtime operations Near real-time planning Outage planning Longer-term planning

LEGEND
 ✓ What we have done
 ⚙️ What we are doing

Ongoing engagement with customers and stakeholders and development of solutions to emerging challenges and opportunities

The Network Transition Strategy provides a pathway and framework for working with our customers and stakeholders to manage the challenges and opportunities of the energy transition.