



PoweringWA

General Public Briefing 1

30 November 2023



Government of Western Australia
Department of Mines, Industry Regulation and Safety
Energy Policy WA

Working together for a
brighter energy future.

Acknowledgement of Country

Welcome



General Housekeeping



This session is being recorded



Your cameras and microphones have been disabled.



Use the Q&A function to ask questions and vote for your favourite questions. The moderator will select the most popular questions to discuss at the end of the session.

PoweringWA implementation team



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Supported by Western Power and Treasury team members

SWIS Demand Assessment

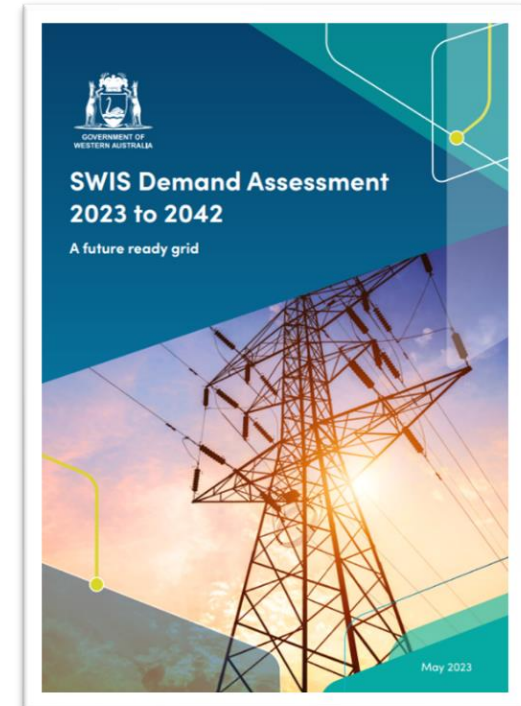
Overview

SWIS Demand Assessment was overseen by a Treasury-led Taskforce and released in May 2023.

Objective was to:

- Consolidate information about the potential future electricity demands on the SWIS and implications for transmission network requirements
- Identify the locations, size, cost and timeframe for electricity demand over the next 20 years to enable a consolidated view of the future network.
- Consider how this intersects with strategic state policies regarding new industry and state development.

Over 80 consultations with electricity users, new industries, generators and other stakeholders.



SWISDA findings

SWIS peak demand

Current ~ 4.5 GW
2042 ~ 13.8 GW

SWIS generation capacity

Current ~ 8 GW
2042 > 50GW

Renewable Energy Contribution

2022 – 34%
2030 – 84%
2042 – 96%



SWIS Demand Assessment Recommendations

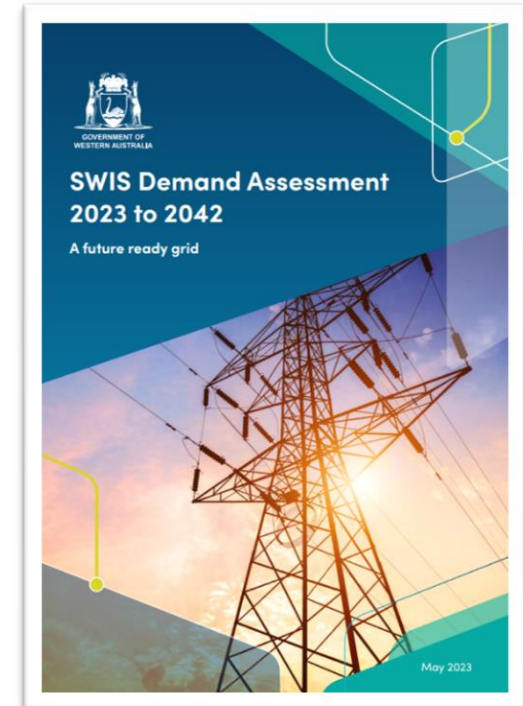
Recap

1. New specialised facilitation body:

- Coordination of electricity infrastructure
- Resolve issues such as supply chain blockage
- Consideration of critical factors such as community support; environmental conservation and Aboriginal cultural heritage
- Bring the Western Australia community along the decarbonisation journey

2. Expedite **Stage 1 works**, include through a new Priority Projects mechanism

3. Consultation to inform **network investment strategy**, including mechanisms for industry contributions and third-party investments





1. New specialised facilitation body

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To manage the complexity of the scale and pace of the electricity infrastructure.

PoweringWA will coordinate delivery the electricity infrastructure required to decarbonise the SWIS and will:

- streamline the development of transmission, renewable electricity generation and battery storage projects;
- work with government partners and stakeholders across the entire electricity value chain;
- engage with communities and First Nations people;
- ensure robust foundations are in place for investment in electricity infrastructure; and
- coordinate stakeholder engagement and provide regular updates on progress.



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Learning from others

Managing the scale, speed and complexity of the electricity infrastructure build

- East coast experience shows that inadequate early attention to stakeholder engagement and communication will impact on the ability to deliver this infrastructure
 - negative sentiment is very hard to reverse
 - impact on the willingness of project proponents to invest
- } leading to delays and cost increases
- Support an overarching public narrative to explain the need for the infrastructure program
 - Decarbonisation → electrification → significant infrastructure program**
 - Start with a more strategic role and incorporate a program delivery role over time, covering:
 - Independent planning (program priorities and timelines)
 - Strategic communications and stakeholder engagement on the overall program
 - Developing strategies for the program for things like:
 - land use
 - approvals
 - procurement of materials and staff
 - workforce development
 - aboriginal and regional development opportunities



PoweringWA will evolve as network & project needs evolve

Formally established 1 July 2024



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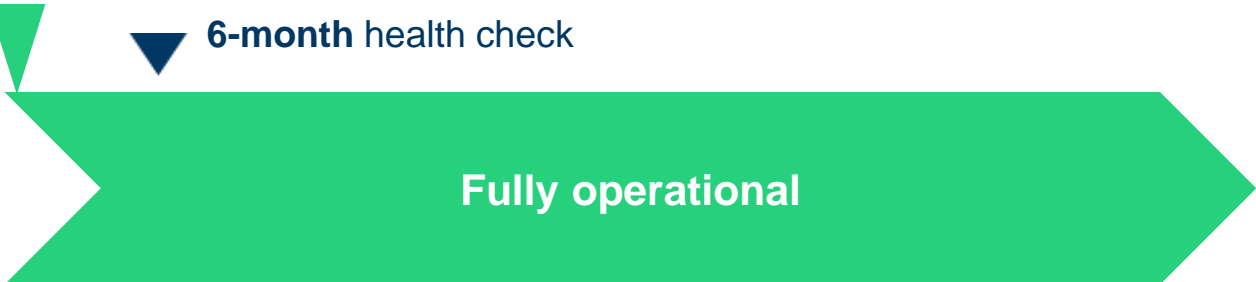
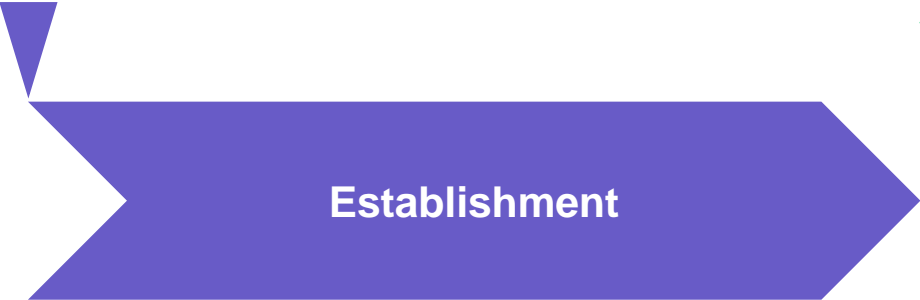
PoweringWA announced
Implementation team commences

PoweringWA formally established
Leadership team onboard

November 2023

1 July 2024

6-month health check



PoweringWA's principles designed to guide the implementation towards social value.



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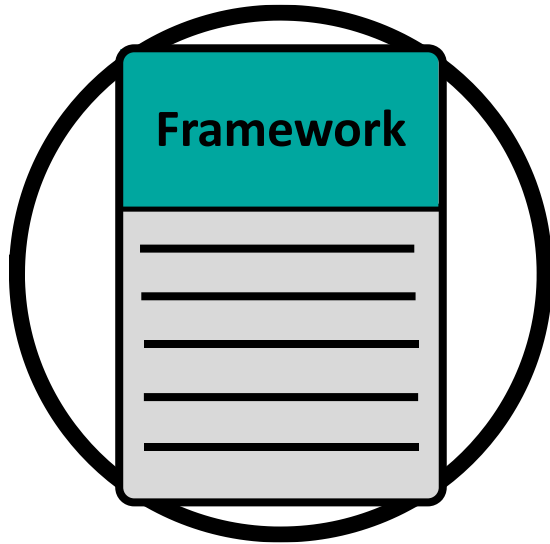
- Reflect what matters to the community across the project life cycle:
 - Prioritise trust and ensure transparency.
 - Engage meaningfully.
 - Help impacted communities realise value.
- Proactively identify, mitigate and manage impacts (e.g., native forests, endangered habitats, areas of cultural significance and considering other community impacts, such as farming, fire and bio-hazard risks)
- Promote new ways of working and continued improvement to ensure greater efficiency and effectiveness, including collaboration across Government, Government owned utilities and private industry
- Promote shared infrastructure
- Enhance and upgrade existing network before investing in build on a new footprint

Social Values Framework

A way to help engage meaningfully, prioritise trust and proactively manage impacts, while helping impacted communities to realise value



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- Will be used as an early engagement tool to obtain input from the community around their needs, before finalising plans.
- Input from the framework/community will feed into planning for how communities can benefit from electricity infrastructure (direct or indirect such as jobs and skills)
- Designed to be flexible so questions and actions can be tailored for each unique community

Informed by the Commonwealth's Draft Community Engagement Guidelines, the Energy Charter and The Behavioural Institute.

Setting the foundations for community engagement



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COMPLETE

Initial industry & State Gov consultation sessions

New web page developed

Regular general-public info sessions scheduled

UNDERWAY

Planning for local government engagement sessions

Procuring Stakeholder Management System

Planning for community engagement sessions

Planning how communities can benefit



OVERVIEW & PRINCIPLES

Consultations

We want to hear from you. Enter your details to find out when public consultation opportunities are scheduled.

Submit your details

First Name:

Last Name:

Email:

State, District or Community Name:

I am interested in consultation around (select all that apply):
 My Local Community Traditional Owners Environmental Issues Agriculture and Livestock

I work in Department of Mines, Industry Regulation and Safety collecting and using information to inform our work with New Energy Policy.

Submit

CONSULTATION SIGN-UPS

Information Sessions

Want to know more? Sign up below for our regular on-line information sessions.

<p>30 November 2023 Overview of the project and its impact. 20 November 2023. 10am - 12pm. Click here to register.</p>	<p>1 February 2024 Overview of the project and its impact. 1 February 2024. 10am - 12pm. Click here to register.</p>
<p>20 March 2024 Overview of the project and its impact. 20 March 2024. 10am - 12pm. Click here to register.</p>	<p>27 June 2024 Overview of the project and its impact. 27 June 2024. 10am - 12pm. Click here to register.</p>

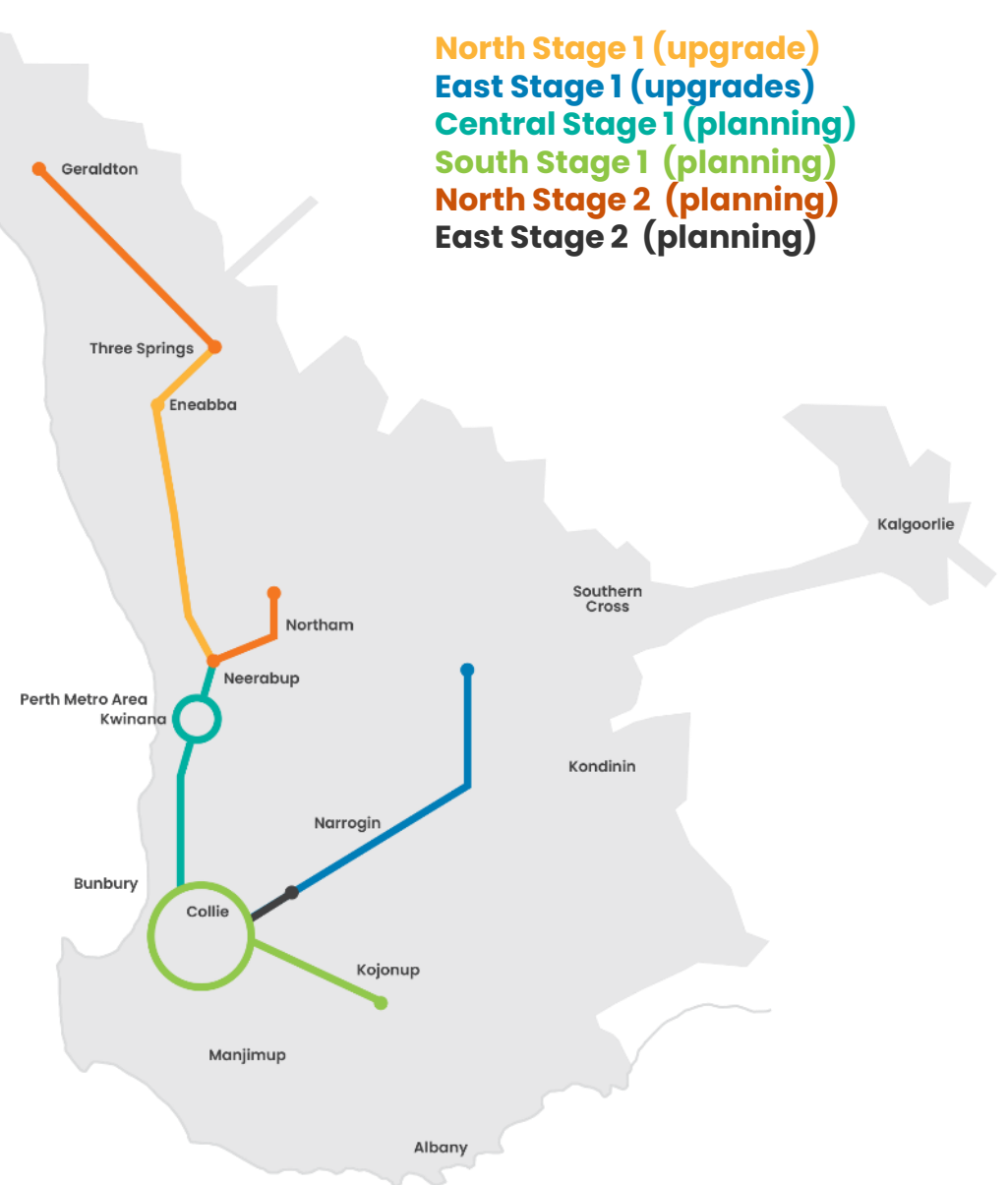
FAQ & INFORMATION SESSIONS

2. Expediting priority projects

Progressing immediate network priorities

**\$575M northern
network strengthening**

**\$133M transmission
planning**



Simple representation - location and available capacity are indicative. All new line routes are subject to further design and route selection.

Priority projects

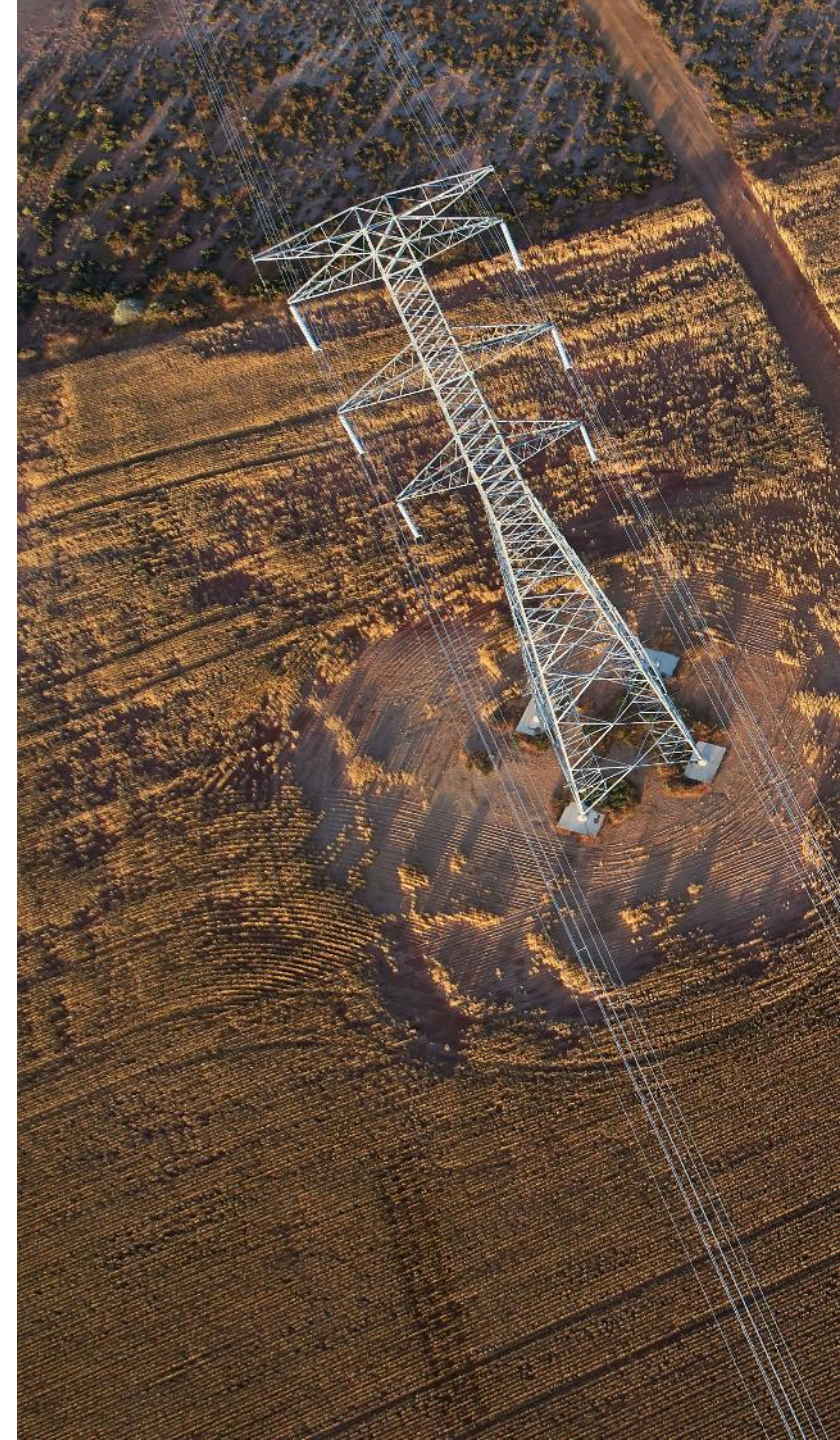
- A recommendation of SWIS Demand Assessment was the establishment of a process for the Minister to declare a Priority Project outside of the Whole of System Plan process.
- To meet delivery timeframes government and industry decarbonisation commitments, the Northern Strengthening Project must commence as a matter of urgency – a priority project determination helps fast-track regulatory approval.
- The Electricity Networks Access Code 2004 enables the Minister for Energy to determine a project to be a ‘Priority Project’.
- On 17 November 2023, the Minister for Energy published a determination that Northern Strengthening Project is a ‘priority project’ and the reasons for this determination

3. Informing future network build

Industry Registration of Interest

To shape the next major transmission projects

- To build upon the information collected through the SWIS Demand Assessment and firm up interest in, and support for the commencement of SWISDA build
- Gathering all interest into a consolidated view for the network
- Feedback from customer/industry will help test appetite for and inform alternative funding options and pricing
- Treasury is leading a workstream that is looking at potential Funding and Financing Arrangements.





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Next steps

- **29 February next General Public Information Briefing**

Visit: <https://www.wa.gov.au/organisation/energy-policy-wa/poweringwa>

- **Recruitment and office establishment**

Thank you for joining!

Q&A