



OFFICIAL



Energy Storage Summit Australia Cafe

Russell Canning
New South Wales Trade & Investment Manager

Australian Consulate General, level 28 Main Tower,
Neue Mainzer Strasse 52-58, 60311 Frankfurt, Germany
| M + 49 151 1893 7191 - russell.canning@austrade.gov.au



17 February 2024

OFFICIAL

New South Wales (NSW)

With **8.2 million people**, we have Australia's largest population and represent its largest state economy.



30.7% share of GDP

Source: Reserve bank of Australia Snapshot as of 13 December 2024



Leader in Renewable Energy Attractiveness

Highly rated for future investment opportunities.

Source: MinterEllison, Australian Renewables Report 2023



AAA credit rating

Source: Moody's and Fitch



2 universities in the world's top 20 located in NSW

Source: QS University World Rankings 2025



THE UNIVERSITY OF
SYDNEY



UNSW
THE UNIVERSITY OF NEW SOUTH WALES

NSW Outlook

OFFICIAL

The NSW Government's Electricity Infrastructure Roadmap seeks to replace coal-fired power stations and transition the sector towards clean, reliable, and affordable energy.



NSW TO CLOSE

3 OF 4

Coal-fired power stations by 2033

Source: NSW EPA



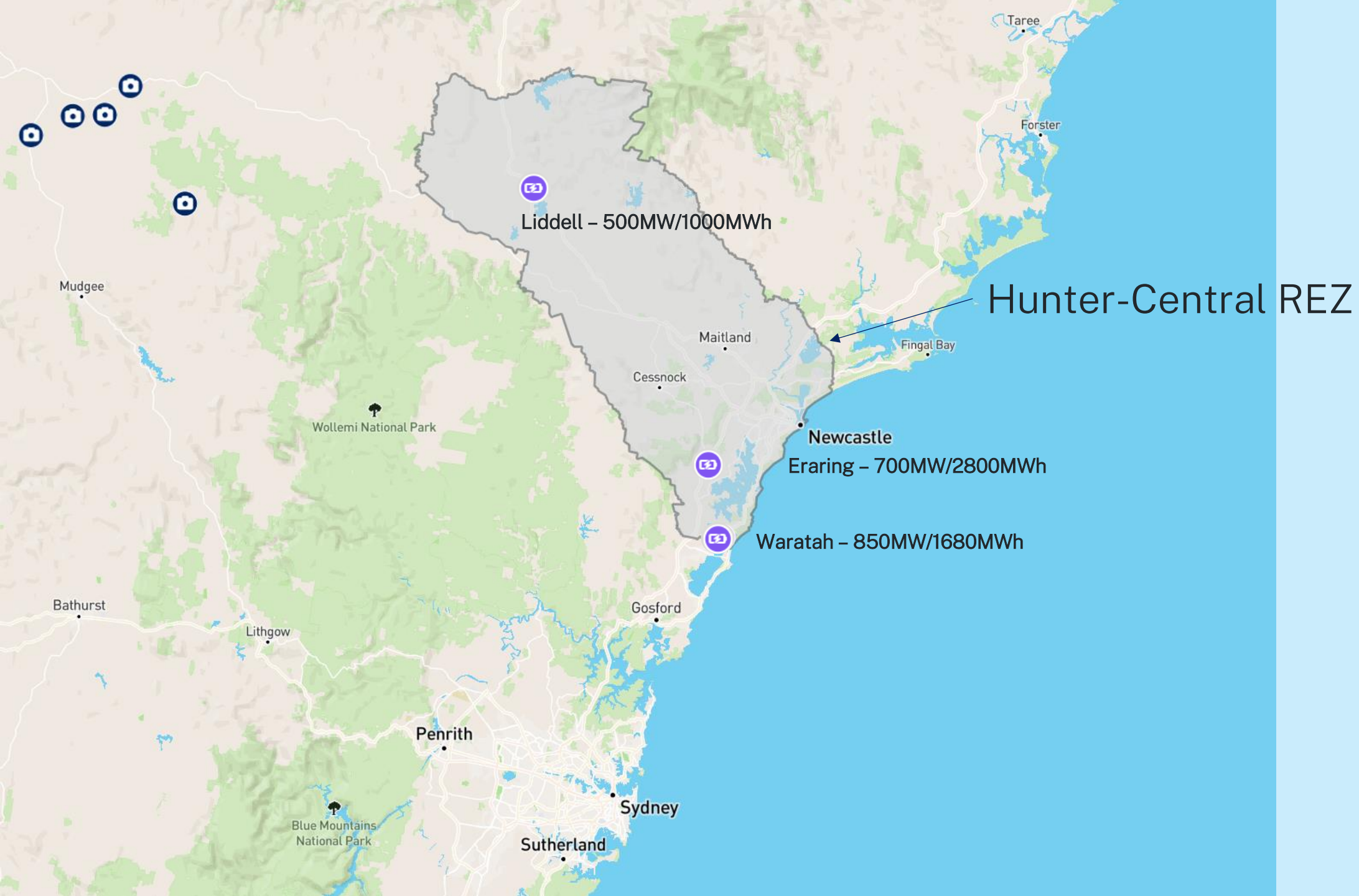
In 2023 NSW GENERATED

24,985 GWh

from renewable sources

Source: CEC 2024 Market Outlook

OFFICIAL





NSW: Renewable Energy Zones

Delivering clean,
reliable, and affordable
energy for the future.



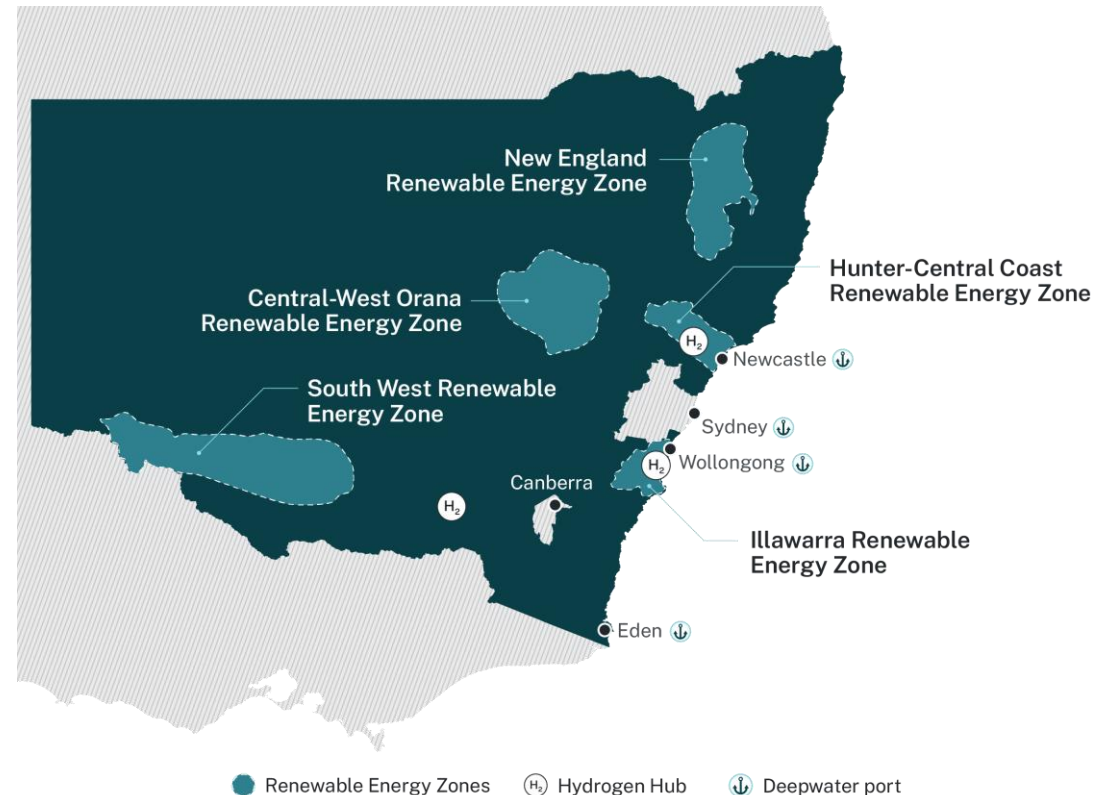
The NSW Government's **Electricity Infrastructure Roadmap** and **Net Zero Plan** will deliver five Renewable Energy Zones (REZs) around the State to deliver new renewable energy infrastructure.

12GW

**NEW RENEWABLE
GENERATION**

**2GW /
16GWh**

**LONG-
DURATION
STORAGE**



\$32B+ **PRIVATE
INVESTMENT**

5 **RENEWABLE
ENERGY ZONES**

- Central-West Orana REZ
- New England REZ
- South-West REZ
- Hunter-Central REZ
- Illawarra REZ

Key steps

- Legislation for minimum target of generation and long duration storage by 2030.
- Long Duration Storage Definition of 8 hours
- Support via rolling public tenders know as Long-Term Energy Service Agreements

OFFICIAL

OFFICIAL

NSW – Long-Term Energy Storage Agreements (LTESAs)

Table 1: Sum of Maximum Capacity (MW) for all projects and Storage Capacity (MWh) for long-duration storage and firming projects contracted to LTESAs across Tender Rounds

Tender Round	Generation	Long-duration storage	Firming
4	312 MW ⁴	N/A	N/A
3	750 MW	524 MW / 4,192 MWh	N/A
2	N/A	N/A	1,075 MW / 2,980 MWh
1	1,390 MW	50 MW / 400 MWh	N/A
Total	2,452 MW	574MW / 4,592 MWh	1,075 MW / 2,980 MWh



Current LTESA holders in NSW

● NSW tender 1
 ● NSW tender 2
 ● NSW tender 3
 ● NSW tender 4

Technology

-  Solar
-  Wind
-  BESS
-  A-CAES
-  Demand Response

NSW: Renewable Planning Framework

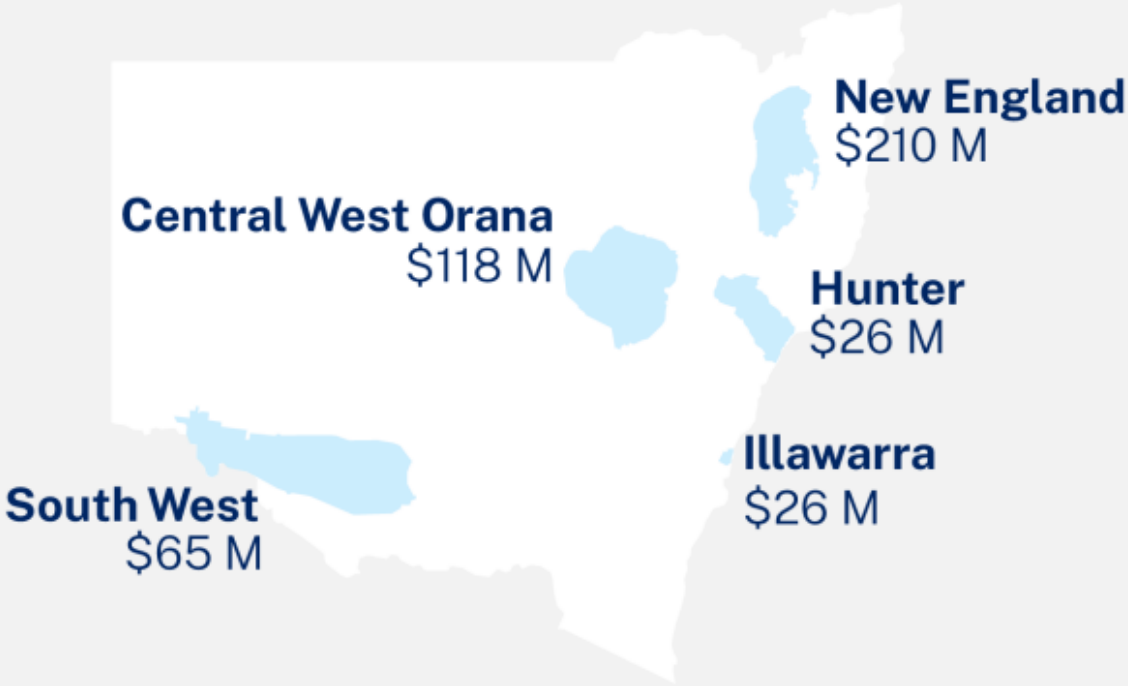
The framework is designed to:

Guidelines



The Benefit Sharing Guideline provides information to applicants, councils and communities about how benefit sharing should be incorporated into the development of large-scale renewable energy generation and storage projects in NSW.

- Provide industry and communities with clearer, more transparent guidance on assessment processes
- help the industry make informed investment decisions by providing more objective development standards
- make sure that development is guided by meaningful consultation with affected communities
- make sure the benefits of energy development are directly realised by the localities and regions that host the infrastructure



Total Benefit Sharing Payments

\$414 Million



Consumer Energy Resources

OFFICIAL

NSW is supporting the uptake of batteries and VPP

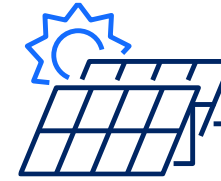


IN NSW

ONE-THIRD

Of houses that have Solar PV installed

Source: Treasury NSW, Common Energy Facts, September Edition



NSW HOUSEHOLDS NOW HAVE
OVER

50,000

Home batteries installed

Source: NSW Consumer Energy Strategy 2024

OFFICIAL