Renewable Energy in NSW

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NSW Energy mix

NSW generation mix in 2015

Renewable Energy in NSW

Coal  Gas  Renewables including Snowy Hydro

Renewable Energy in NSW

Energy Policy Challenge

- Economic Policy (Reliable, Affordable)
- Social Policy (Accessible, Affordable, Reliable)
- Environmental Policy (Low/No Emissions)
Government leadership

• Sydney Metro Northwest Rail Link
• Voluntary, market-led roll out of smart meters
• NSW Energy Saving Scheme
• NSW GREP
Renewable Energy Action Plan

Three goals:

• Attract RE investment and projects
• Build community support for RE
• Attract and grow expertise in RE technology

In the second year of the Plan, 12 of the 24 actions have been completed
NSW is the leader in large-scale solar

NSW is home to Australia’s largest solar plant at Nyngan.

- Broken Hill Solar Plant (53 MW)
- Moree Solar Farm (56 MW)
- Jemalong Concentrated Solar Plant, Forbes (6 MW)
Renewable energy project pipeline

$10.5b of investment

- 450 MW under construction
- 2,800 MW approved
- 4,600 MW seeking approval
Opportunities in NSW

• Untapped renewable resources
• Variety of renewable energy options
• 146,000 engaged Solar Bonus Scheme customers could increase interest in battery storage
• Skilled workforce
Thank you

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