



Bringing Energy to Market: South Australia's Green Grid

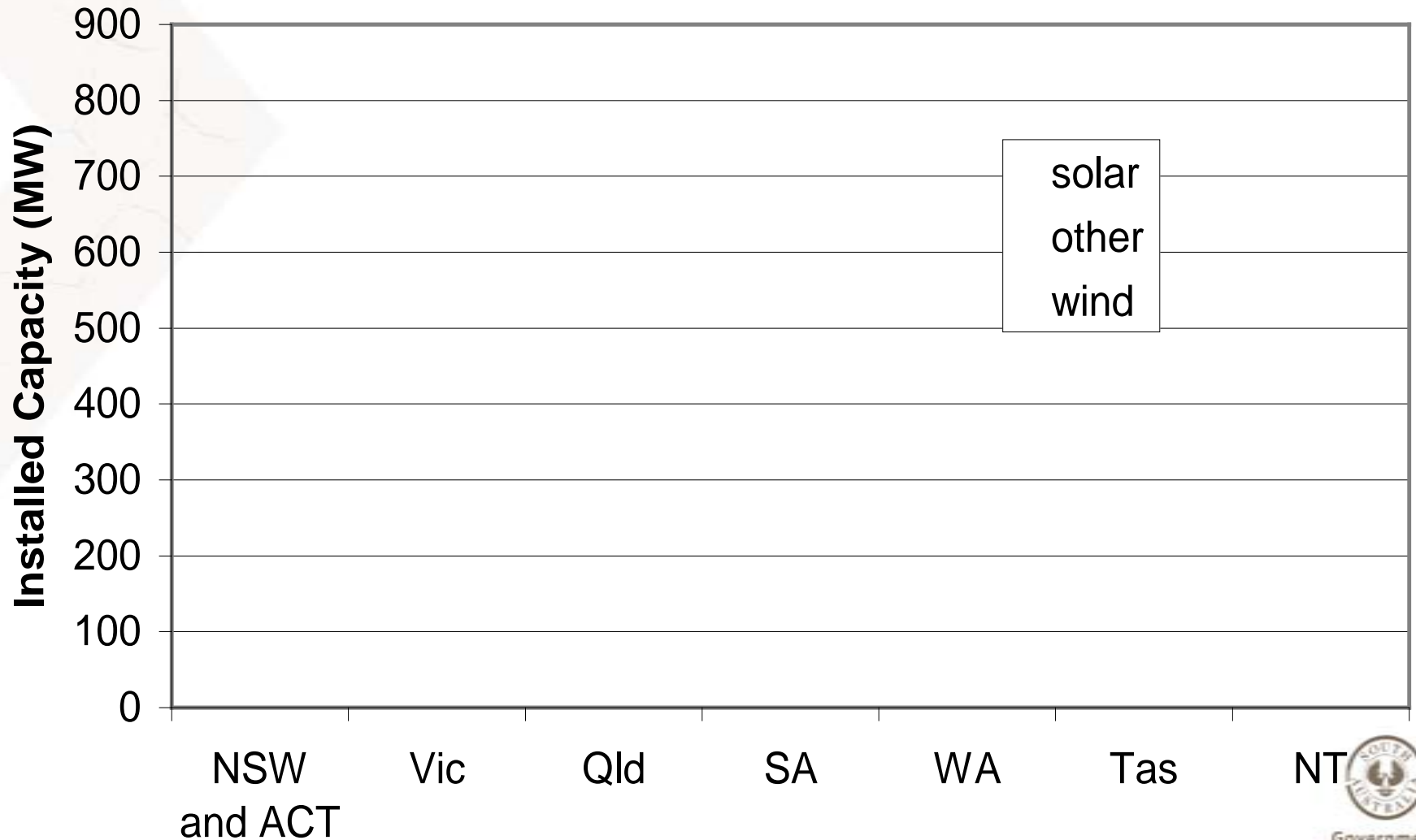
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Government
of South Australia

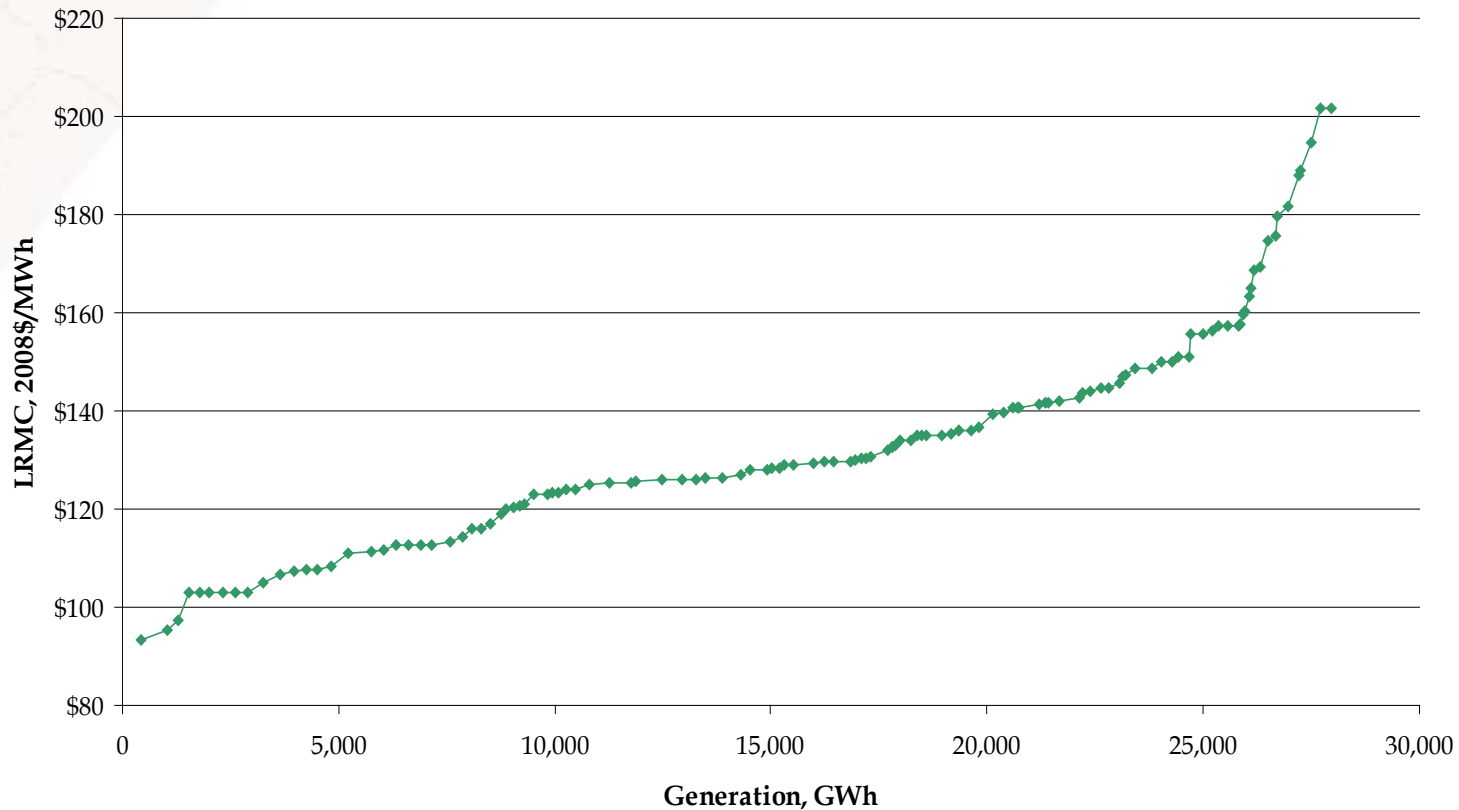
Capacity of renewable electricity generation in Australia, 2009



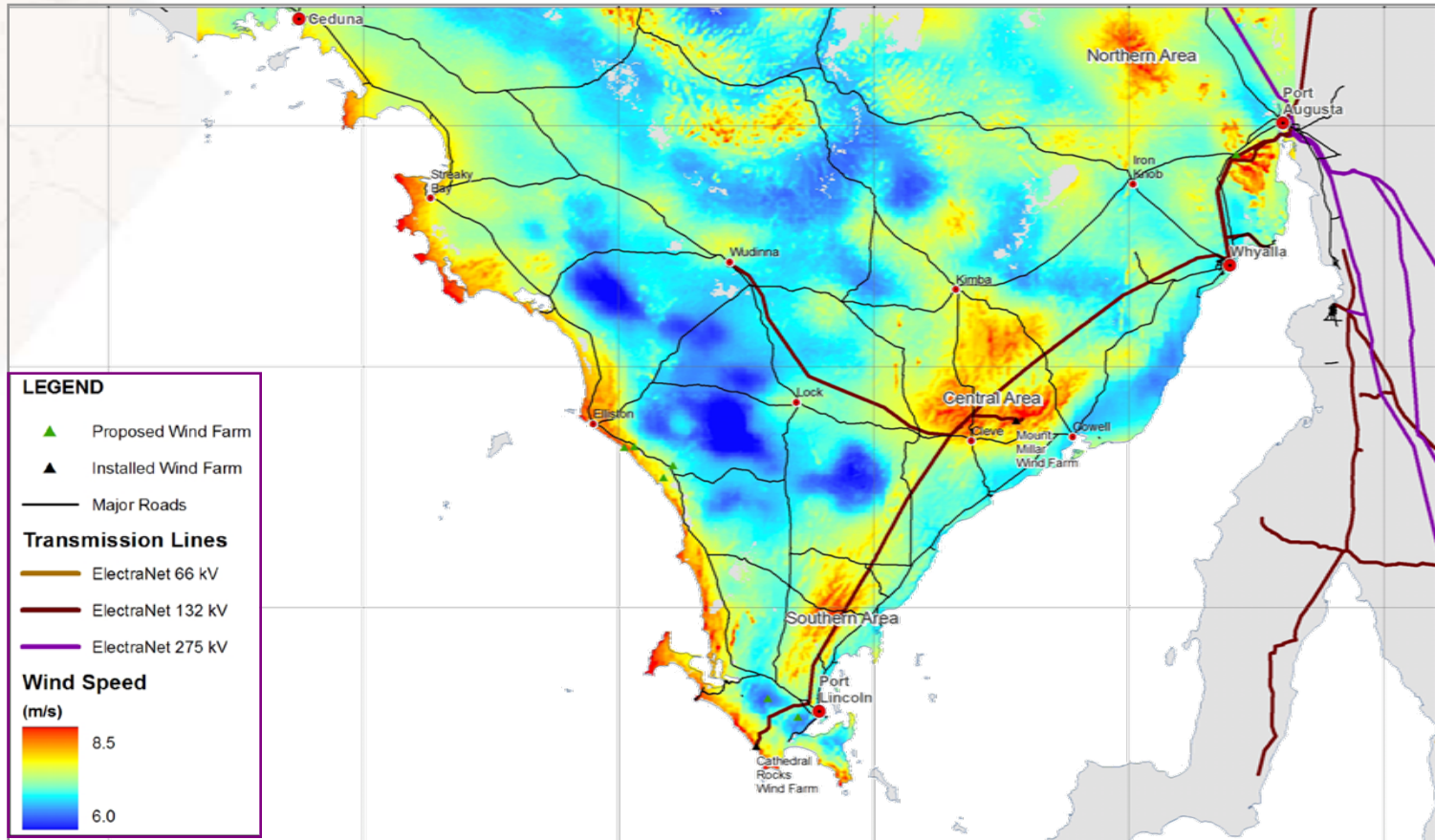
Source: ABARE, Australian energy statistics.

MMA's supply cost curve for wind projects

Wind proposed to 2020

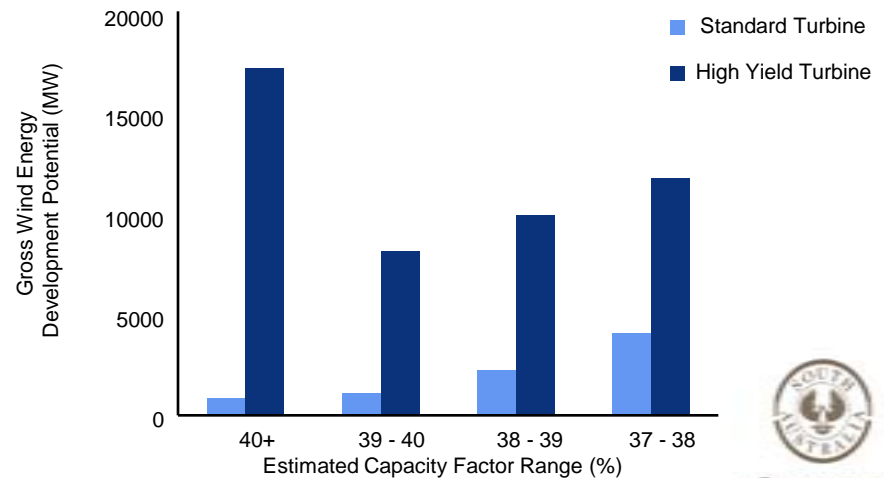


Eyre Peninsula wind results – wind speed



Four world's best 'wind zones' revealed

- Four 'wind zones' with wind speeds >8 metres per second and >38% capacity factors
- Zones chosen for wind quality and social and environment assessment
- Potential for >10,000MW of generation potential wind speeds
- Four internationally experienced wind developers ready to build >2000MW
- IF transmission constraints are addressed



Eyre Peninsula Green Grid



Required SA system and interconnector upgrade

- Significant modernisation of southern NEM
- New 500kv single line from Davenport to Heywood
- Strengthen grid better suited to intermittent clean energy generation
- Establishes truly ‘national energy system’
- SA grid capacity increase from 3500MW to 5500MW



Source: Macquarie research

