



# Making tomorrow happen today

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Executive General Manager – Group Operations

# AGL Summary

Victoria, NSW,  
Queensland, South  
Australia and Western  
Australia



3,500 Employees

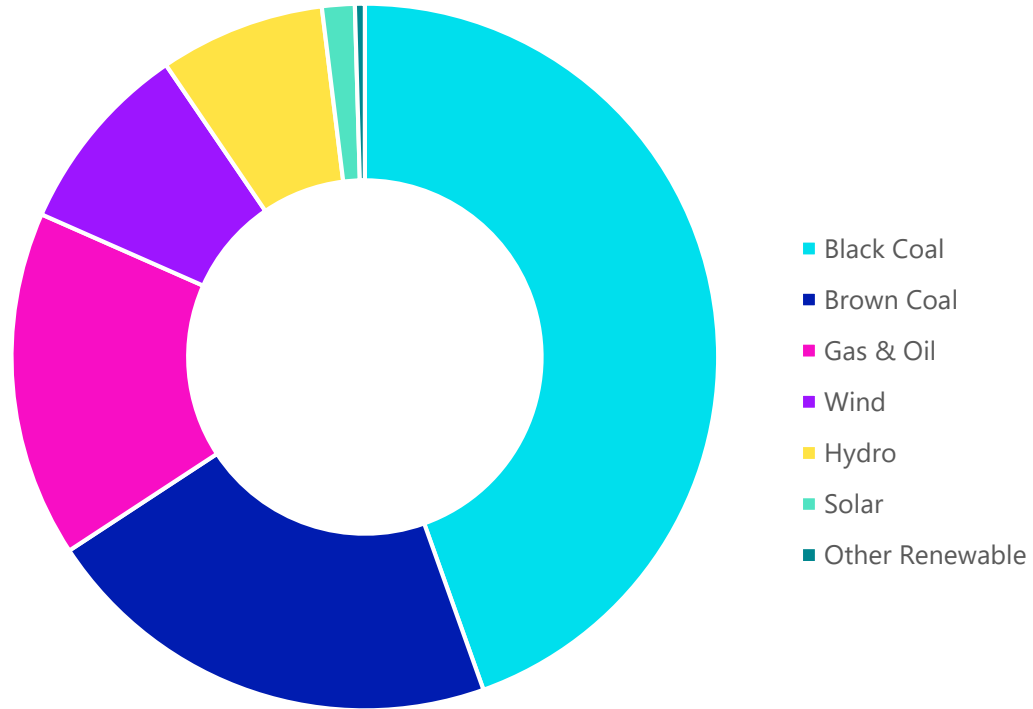


~3.65M customers  
Retail, SME, Industrial



~10,400MW Generation  
Coal, Gas, Wind  
Solar, Hydro

# Electricity Generation

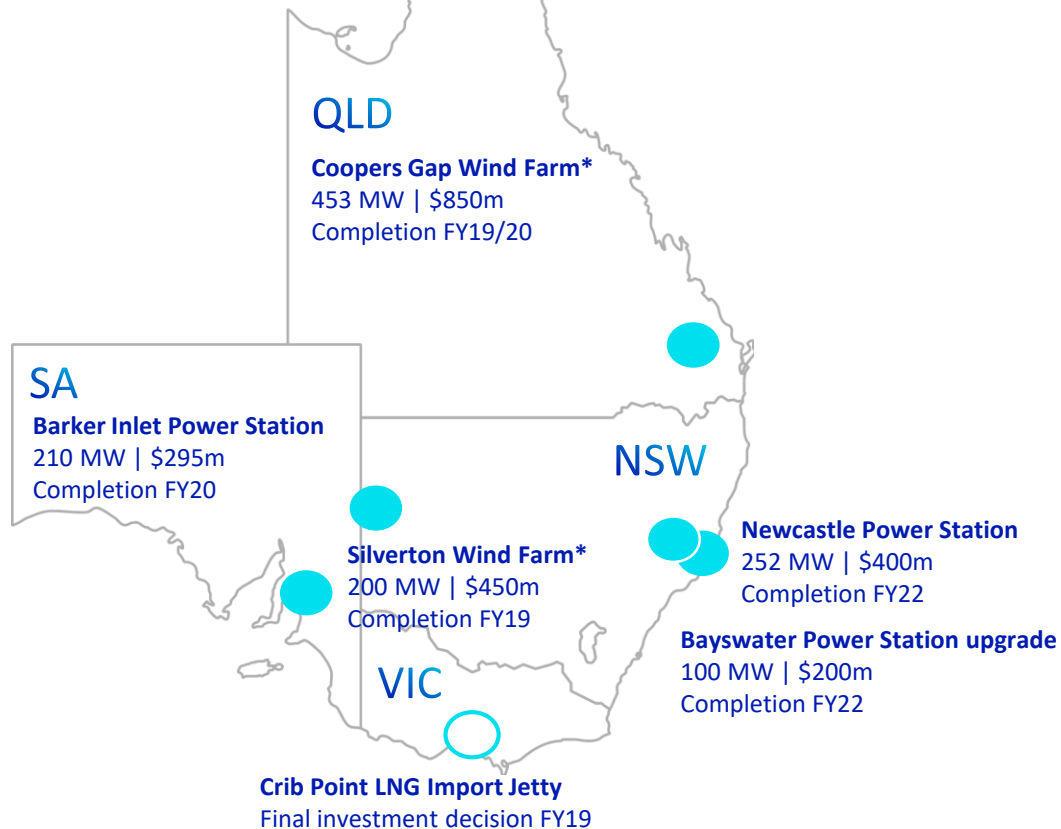


Total capacity: 10,415 MW

*This breakdown includes owned, operated and controlled generation assets*

# More than \$2 billion committed to new electricity generation projects now under development

Projects under development represent more than 1,000 new construction jobs



In addition to approved projects already under development:

- Key project milestones reached for Crib Point in June 2018 ahead of final investment decision
- Continued assessment of additional gas, renewables and storage projects under NSW Generation Plan
- Actively assessing pumped hydro development opportunities throughout the NEM
- 300MW offtake agreement for Maoneng solar projects reaching FID

\* Projects funded via Powering Australian Renewables Fund

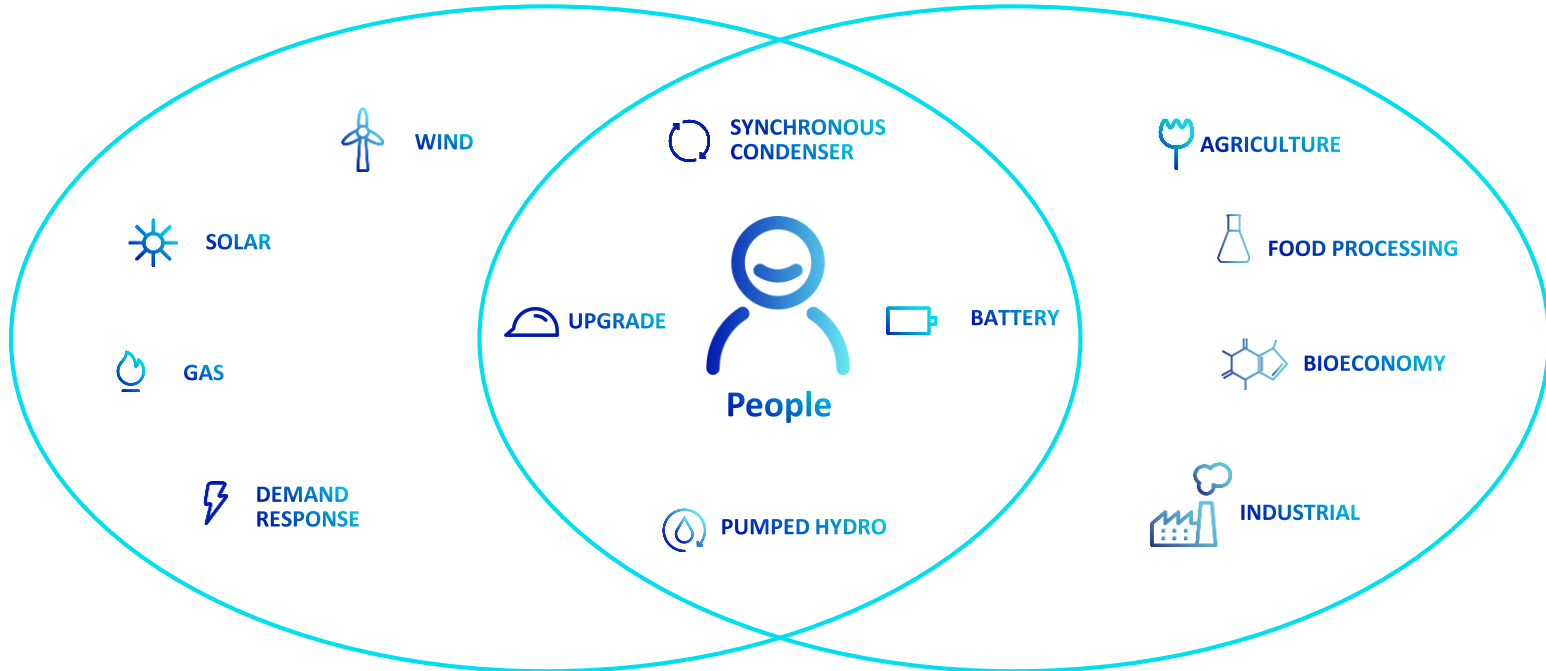
# Liddell Transition

More than just megawatts



NSW

Liddell (and surrounding areas)



NSW Generation Plan

Liddell Innovation Project

Thank you

# Appendices

# NSW Generation Plan



Stage	Description	Projects	Cumulative capex <sup>1</sup>	Cumulative LCOE <sup>2</sup>
Approved Projects	Projects are under construction having already achieved Final Investment Decisions	<ul style="list-style-type: none"> <li>• <b>Wind</b> <ul style="list-style-type: none"> <li>• <b>Coopers Gap</b>  453MW</li> <li>• <b>Silverton</b>  200MW</li> </ul> </li> </ul>	Committed	\$62/MWh
Stage 1 Feasibility 2019 or earlier <sup>4</sup>	Stage 1 comprises projects required to balance AGL's committed customer needs consistent with the Government's proposed National Energy Guarantee	<b>Approved in NSW Generation Plan</b> <ul style="list-style-type: none"> <li>• <b>Bayswater upgrade</b>  100MW</li> <li>• <b>Solar offtake (NSW)</b>  300MW</li> <li>• <b>Synchronous condenser Liddell</b></li> <li>• <b>Demand response</b>  up to 20MW</li> </ul> <b>Feasibility</b> <ul style="list-style-type: none"> <li>• <b>Newcastle gas peaker</b><sup>3</sup>   250MW</li> </ul>	\$490m	\$76/MWh
Stage 2 Feasibility 2020 <sup>4</sup>	Stage 1 and 2 comprise projects required to meet AGL's potential uncontracted customer demand (C&I) assuming that other market participants respond to market signals	<ul style="list-style-type: none"> <li>• <b>NSW gas peaker</b>  500MW</li> <li>• <b>Renewables</b>  500MW</li> <li>• <b>Demand response</b>  up to 50MW</li> </ul>	Stage 1 and 2 \$1,100m	\$83/MWh
Stage 3 Feasibility 2021 <sup>4</sup>	Stage 1, 2 and 3 comprise projects required to completely replace Liddell assuming no other market participants respond to the signal for investment	<ul style="list-style-type: none"> <li>• <b>Liddell battery</b>  250MW</li> <li>• <b>Renewables</b>  250MW</li> <li>• <b>Demand response</b>  up to 30MW</li> </ul>	Stage 1, 2 and 3 \$1,360m	\$83/MWh