

List of power stations in South Australia

This is a **list of active [power stations](#) in [South Australia](#), [Australia](#)**. Candidates for this list must already be commissioned and capable of generating 1 [MW](#) or more of [electricity](#).



Pelican Point Power Station

Coal fired

The following [fossil fuel power stations](#) previously burned [coal](#) to power [steam turbines](#) that [generate](#) some or all of the [electricity](#) they produce.

[Playford B](#), as of October 2015, ceased operation permanently, having been out of operation since 2012.^[1]

[Northern](#), as of May 2016, ceased operation permanently.^[2] As a result, there is no longer any operational Coal Fired power plant in South Australia.

Gas turbine

These [gas turbine](#) power stations use gas combustion to generate some or all of the electricity they produce.

Power station	Owner/Operator	Capacity (MW)	Turbines	Fuel type	Com cy
Coopers Brewer (Regency Park)	AGL Energy	4.4	1	natural gas	yes
Dry Creek	Synergen Power	156	3	natural	no

				gas	
Hallett	Energy Australia	180	12	natural gas/diesel	yes ^[3]
Ladbroke Grove	Origin Energy	80	2	natural gas	no
Mintaro	Synergen Power	90	1	natural gas	no
Osborne	Osborne Cogeneration	180	2	natural gas	yes
Port Lincoln	Synergen Power	73.5	3 ^[3]	diesel	no
Quarantine	Origin Energy	224	5	natural gas	no
Pelican Point	Engie	478	3	natural gas	yes
Snuggery	Synergen Power	63	3	diesel	no
Whyalla Steelworks	Liberty OneSteel	8.4	2	natural gas	no
Temporary Generation North ^[3] (former Holden site)	SA Government	154	5	diesel	no
Temporary Generation South ^[3] (Adelaide Desalination Plant)	SA Government	123	4	diesel	no

The two "temporary generation" facilities were introduced by the South Australian government before the 2017-18 summer season using General Electric gas turbine generators. They are intended to be used only in extreme circumstances to support the grid following two widespread blackouts in 2016. They are installed at the sites of the former [Holden](#) factory in [Elizabeth South](#) and the [Adelaide Desalination Plant](#) at [Lonsdale](#).^[4]

Gas (thermal)

These power stations use gas combustion to power [steam turbines](#) that generate some or all of the electricity they produce.

Power station	Owner/Operator	Capacity (MW)	Turbines	Fuel type
Torrens Island	AGL Energy	1,280	8	natural gas
Whyalla Steelworks	Liberty OneSteel	57.5	3	Coke Ovens and Blast Furnace Gas/Oil

Reciprocating engines

These power stations use [reciprocating engines](#) to generate some or all of the electricity they produce.

Power station	Owner/Operator	Capacity (MW)	Engines	Fuel type
Angaston	Snowy Hydro	50	30	diesel
Lonsdale	Snowy Hydro	21	18	diesel
Port Stanvac	Snowy Hydro	58	36	diesel
Kangaroo Island power station ^[5]	SA Power Networks	6	3	diesel
Blue Lake Milling Power Plant ^[3]	Vibe Energy	1	1	diesel
Tatiara Meats Bordertown	Vibe Energy	1	1	diesel
Pedler Creek Landfill		3	3	Landfill gas
Wingfield landfill	Energy Developments	8	8	Landfill gas
Bolivar waste water				sewerage

treatment plant	SA Water	9.9	4	gas ^[3]
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Hydroelectric

These [hydroelectric](#) power stations use the flow of [water](#) to generate some or all of the electricity they produce.

Power station	Owner/Operator	Capacity (MW)	Turbines	Pumped storage
Terminal Storage Mini Hydro	Hydro Tasmania/SA Water	3	1	no

Wind farms

Main article: [List of wind farms in South Australia](#)

Power Station	Owner/Operator	Capacity	Notes
Canunda Wind Farm	Engie /Mitsui	46 MW	
Cathedral Rocks Wind Farm	EnergyAustralia/Acciona	66 MW	
Clements Gap Wind Farm	Pacific Hydro	58 MW	
Coober Pedy		0.15 MW	
Hallett Wind Farm - Hallett 1 - Brown Hill	AGL Energy	94.5 MW	
Hallett Wind Farm - Hallett 2 - Hallett Hill	AGL Energy	71.4 MW	
Hallett Wind Farm - Hallett 4 - North Brown Hill	AGL Energy	132 MW	
Hallett Wind Farm - Hallett 5 - The Bluff	AGL Energy	52.5 MW	
Hornsedale Wind Farm	Neoen and Megawatt Capital	315 MW	
Lake Bonney Wind Farm - Stage 1	Infigen	80.5 MW	
Lake Bonney Wind Farm -			

Stage 2	Infigen	159 MW	
Lake Bonney Wind Farm - Stage 3	Infigen	39 MW	
Mount Millar Wind Farm	Meridian Energy	70 MW	
Snowtown Wind Farm	Trustpower	368.7 MW	Stage I & II
Starfish Hill Wind Farm	RATCH Australia	34.5 MW	
Waterloo Wind Farm	EnergyAustralia	111 MW	
Wattle Point Wind Farm	Infrastructure Capital	90.75 MW	
Elliston Stage 1 (Tungketta Hill)	Ausker Energies & ANZ Infra Services	55 MW	
Elliston Stage 2	Ausker Energies & ANZ Infra Services	65 MW	
Green Point	Wind Prospect	44 MW	
Gulnare	Pacific Hydro	175 MW	
Lincoln Gap Wind Farm	Lincoln Gap Wind Farm	123.9 MW	
Myponga Wind Farm	TrustPower	35 MW	
Shea Oak Flat	Pacific Hydro	59 MW	
Troubridge Point	Wind Prospect	25 MW	
Eaglehawk	Origin Energy	20 MW	
Ceres	Senvion SE	600 MW	
Eyre Peninsula	Babcock & Brown	100 MW	
Kemmiss Hill	Origin Energy	30 MW	
Loch Well Beach	Ausker Energy	54 MW	
Tungketta Hill	Ausker Energies Pty Ltd	49.5 MW	
Vincent North	Pacific Hydro	59.4 MW	
Waitpinga	Waitpinga Wind Farm Pty. Ltd.	50 MW	

Weymouth Hill	Meridian Energy / Wind Farm Developments	20 MW	
Willogoleche Wind Farm	Engie	119 MW	
Woakwine	Beacon Energy	100 MW	

Solar

Battery Storage

Power station	Capacity (MW)	Storage (MWh)	Units	Fuel type
Hornsedale Power Reserve	100	129	197	wind and battery
Dalrymple ESCRI battery	30	8		Wattle Point Wind Farm

See also

- [List of power stations in Australia](#)
- [Electricity Trust of South Australia](#)
- [Wind power in South Australia](#)

References

External links

- [NEMMCO List of Generators](#) (zip)
- [Government of South Australia Annual Report of the Technical Regulator 2004-05](#) (pdf)
- [List of Green Power approved generators](#) (pdf)
- [Australian Business Council for Sustainable Energy](#)
- [Map of Power Station Locations in the NEM](#)
- [Hornsedale Power Reserve](#)