



Appendix D--Principal power stations in Australia

1.1 See table on next page

Principal Power Stations in Australia

State	Name	Operator	Plant Type	Primary Fuel	Year of Commissioning	Capacity (MW)
NSW	Eraring	Eraring Energy	Steam	Black coal	1982-84	2,640.0
NSW	Bayswater	Macquarie Generation	Steam	Black coal	1982-84	2,640.0
NSW	Liddell	Macquarie Generation	Gas turbines	Oil products	1988	50.0
		Macquarie Generation	Steam	Black coal	1971-73	2,000.0
NSW	Vales Point B	Delta Electricity	Steam	Black coal	1978	1,320.0
NSW	Mt Piper	Delta Electricity	Steam	Black coal	1992-93	1,320.0
NSW	Wallerawang C	Delta Electricity	Steam	Black coal	1976-80	1,000.0
NSW	Munmorah	Delta Electricity	Steam	Black coal	1969	600.0
NSW	Shoalhaven	Eraring Energy	Pump storage	Water	1977	240.0
NSW	Smithfield	Sithe Energies	Combined cycle	Natural gas	1997	160.0
NSW	Redbank	National Power	Steam	Black coal	2001	150.0
NSW	Blowering	Snowy Hydro	Hydro	Water	1969	80.0

NSW	Hume NSW	Eraring Energy	Hydro	Water	1957	29.0
NSW	Tumut 1	Snowy Hydro	Hydro	Water	1973	1,500.0
NSW	Murray 1	Snowy Hydro	Hydro	Water	1967	950.0
NSW	Murray 2	Snowy Hydro	Hydro	Water	1969	550.0
NSW	Tumut 2	Snowy Hydro	Hydro	Water	1959	329.6
NSW	Tumut 3	Snowy Hydro	Hydro	Water	1962	286.4
NSW	Guthega	Snowy Hydro	Hydro	Water	1955	60.0
VIC	Loy Yang A	Loy Yang Power	Steam	Brown coal	1984-87	2,120.0
VIC	Hazelwood	Hazelwood Power Partnership	Steam	Brown coal	1964-71	1,600.0
VIC	Yallourn W	TRU Energy	Steam	Brown coal	1973-75 1981-82	1,480.0
VIC	Loy Yang B	IPM Eagle	Steam	Brown coal	1993-96	1,000.0
VIC	Newport	Ecogen Energy	Steam	Natural gas	1980	510.0
VIC	Jeeralang A and B	Ecogen Energy	Gas turbines	Natural gas	1979 1980	449.0
VIC	Valley Power	Snowy Hydro	Gas turbines	Natural gas	2002	300.0

VIC	Morwell	Energy Brix	Steam	Brown coal	1958 1962 1958-59	195.0
VIC	Anglesea	Alcoa	Steam	Brown coal	1969	160.0
VIC	Somerton	AGL	Gas turbines	Natural gas	2002	150.0
VIC	McKay Creek	AGL	Hydro	Water	1960	150.0
VIC	Dartmouth	AGL	Hydro	Water	1980	150.0
VIC	Eildon	AGL	Hydro	Water	1956-57	120.0
VIC	Bairnsdale	Alinta	Gas turbines	Natural gas	2001	92.0
VIC	West Kiewa	AGL	Hydro	Water	1955-56	62.0
VIC	Hume VIC	Eraring Energy	Hydro	Water	1957	29.0
QLD	Gladstone	Comalco/NRG	Steam	Black coal	1976-82	1,680.0
QLD	Tarong	Tarong Energy	Steam	Black coal	1984-86	1,400.0
QLD	Stanwell	Stanwell Corporation	Steam	Black coal	1993-96	1,400.0
QLD	Callide C	CS Energy	Steam	Black coal	2001	900.0
QLD	Millmerran	Intergen	Steam	Black coal	2002	852.0

QLD	Callide B	CS Energy	Steam	Black coal	1988-89	700.0
QLD	Swanbank B	CS Energy	Steam	Black coal	1970-73	500.0
QLD	Wivenhoe	Tarong Energy	Pump storage	Water	1984	500.0
QLD	Tarong North	Tarong Energy	Steam	Black coal	2002	443.0
QLD	Swanback E	CS Energy	Combined cycle	Natural gas	2002	385.0
QLD	Mt Stuart	Origin Energy	Gas turbines	Oil products	1998	304.0
QLD	Oakey	Oakey Power Holdings	Gas turbines	Natural gas	2000	288.0
QLD	Yabulu	Transfield Holdings	Combined cycle	Natural gas	2005	240.0
QLD	Collinsville	Transfield Holdings	Steam	Black coal	1998	188.0
QLD	Mica Creek	CS Energy	Combined cycle	Natural gas	1997-2001	158.0
		CS Energy	Steam	Natural gas	1998	132.0
		CS Energy	Gas turbines	Natural gas	1997	35.0
QLD	Kareeya	Stanwell Corporation	Hydro	Water	1957-59	84.0
QLD	Roma	Origin Energy	Gas turbines	Natural gas	1999	80.0
QLD	Barron Gorge	Stanwell Corporation	Hydro	Water	1963	60.0
QLD	Barcaldine	Enertrade	Combined cycle	Natural gas	1996	57.0

QLD	Mackay	Stanwell Corporation	Gas turbines	Oil products	1976	34.0
SA	Torrens Island	TRU Energy	Steam	Natural gas	1977 1967	1,280.0
SA	Northern	NRG Flinders	Steam	Brown coal	1985	530.0
SA	Pelican Point	International Power	Combined cycle	Natural gas	2000	478.0
SA	Thomas Playford B	NRG Flinders	Steam	Brown coal	1960	240.0
SA	Osborne	ATCO Energy	Combined cycle	Natural gas	1998	185.0
SA	Hallet	AGL	Gas turbines	Natural gas	2002	183.0
SA	Dry Creek	International Power	Gas turbines	Natural gas	1973	156.0
SA	Quarantine	Origin Energy	Gas turbines	Natural gas	2002	92.0
SA	Mintaro	International Power	Gas turbines	Natural gas	1984	90.0
SA	Ladbroke Grove	Origin Energy	Gas turbines	Natural gas	2000	84.0
SA	Snuggery	International Power	Gas turbines	Oil products	1978-97	63.0
SA	Port Lincoln	International Power	Gas turbines	Oil products	1998-00	50.0
SA	Angaston	Infratil Energy Australia	Internal combustion	Oil products	2005	40.0

WA	Muja	Verve Energy	Steam	Black coal	1985-86 1981 1965	1040.0
WA	Kwinana WPC	Verve Energy	Gas turbines Steam	Natural gas Multi-fuel	1972 1976 1970	21.0 880.0
WA	Pinjar	Verve Energy	Gas turbines	Multi-fuel	1990-92 1996	586.0
WA	Collie	Verve Energy	Steam	Black coal	1999	330.0
WA	Cockburn	Verve Energy	Combined cycle	Natural gas	2003	240.0
WA	Worsley WPC	Verve Energy	Gas turbines	Natural gas	2000	120.0
WA	Mungarra	Verve Energy	Gas turbines	Natural gas	1990-91	112.0
WA	Kalgoorlie	Verve Energy	Gas turbines	Natural gas	1984-90	62.0
WA	Tiwest	Verve Energy	Gas turbines	Natural gas	1999	36.0
WA	Albany	Verve Energy	Wind	Wind	2001	22.0
WA	Geraldton	Verve Energy	Gas turbines	Natural gas	1973	21.0
WA	Wellington Dam	Verve Energy	Hydro	Water	1992	2.0

WA	Bremer Bay	Verve Energy	Wind	Wind	2005	0.6
TAS	Gordon	Hydro Tasmania	Hydro	Water	1978	432.0
TAS	Poatina	Hydro Tasmania	Hydro	Water	1964	300.0
TAS	Bell Bay	Hydro Tasmania	Steam	Natural gas	1971	240.0
TAS	Reece	Hydro Tasmania	Hydro	Water	1986	231.2
TAS	John Butters	Hydro Tasmania	Hydro	Water	1992	144.0
TAS	Tungatinah	Hydro Tasmania	Hydro	Water	1953	132.5
TAS	Tarraleah	Hydro Tasmania	Hydro	Water	1938	90.0
TAS	Cethana	Hydro Tasmania	Hydro	Water	1971	85.0
TAS	Liapootah	Hydro Tasmania	Hydro	Water	1960	83.7
TAS	Tribute	Hydro Tasmania	Hydro	Water	1994	82.8
TAS	Trevallyn	Hydro Tasmania	Hydro	Water	1955	80.0
TAS	Bastyan	Hydro Tasmania	Hydro	Water	1983	79.9
TAS	Mackintosh	Hydro Tasmania	Hydro	Water	1982	79.9
TAS	Woolnorth	Hydro Tasmania	Wind	Wind	2002-04	64.5
TAS	Devils Gate	Hydro Tasmania	Hydro	Water	1969	60.0

TAS	Lemonthyme	Hydro Tasmania	Hydro	Water	1969	51.0
TAS	Catagunyah	Hydro Tasmania	Hydro	Water	1962	48.0
TAS	Fisher	Hydro Tasmania	Hydro	Water	1973	42.0
TAS	Wayatinah	Hydro Tasmania	Hydro	Water	1957	42.0
TAS	Meadowbank	Hydro Tasmania	Hydro	Water	1967	40.0
TAS	Lake Echo	Hydro Tasmania	Hydro	Water	1956	32.4
TAS	Wilmot	Hydro Tasmania	Hydro	Water	1971	30.6
TAS	Paloona	Hydro Tasmania	Hydro	Water	1972	28.0
TAS	Repulse	Hydro Tasmania	Hydro	Water	1968	28.0
TAS	Currie	Hydro Tasmania	Reciprocating Engine	Oil Products	1952	20.0
TAS	Cluny	Hydro Tasmania	Hydro	Water	1968	17.0
TAS	Butlers Gorge	Hydro Tasmania	Hydro	Water	1951	12.2
TAS	Rowallan	Hydro Tasmania	Hydro	Water	1968	10.4
TAS	Lake Margaret	Hydro Tasmania	Hydro	Water	1995	8.4
TAS	Whitemark	Hydro Tasmania	Reciprocating Engine	Oil Products		6.0

TAS	Tods Corner	Hydro Tasmania	Hydro	Water		1.6
TAS	Currie	Hydro Tasmania	Wind	Wind	1998	0.8