



WindandSea-Research

Oceans Energy Environment

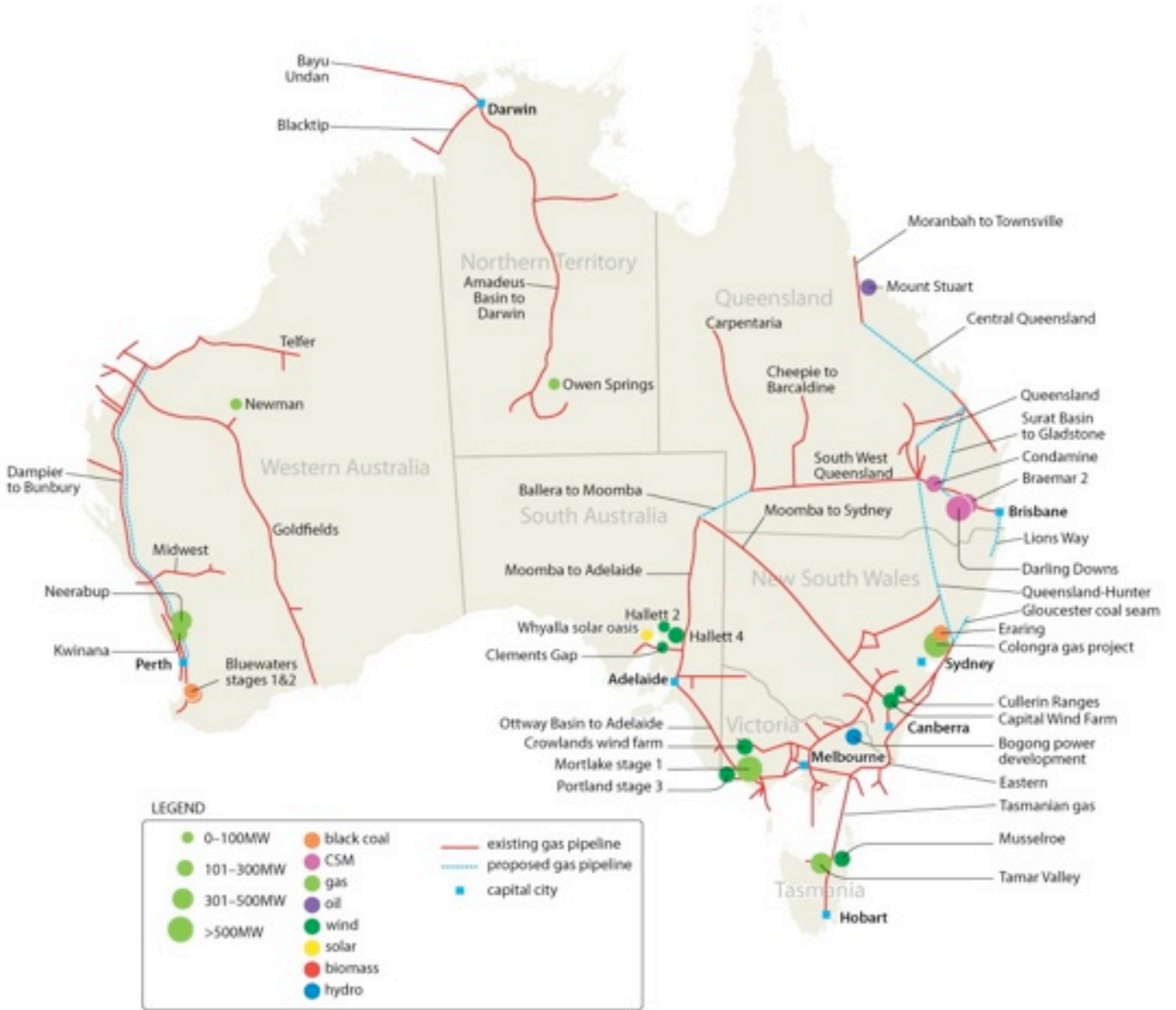
Bringing together diverse technologies to create
and enhance energy systems

Projects - Power Generation Australia

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WindandSea-Research Projects - Power Generation



Projects - Power Generation

Data from ABARE.GOV.AU

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Projects - Power Generation

Notes							
	Less advanced projects are shown in the yellow shaded areas						
	Projects that are under construction or committed are shown in the blue shaded areas						
State Code	State Name						
NSW	New South Wales						
NT	Northern Territory						
QLD	Queensland						
SA	South Australia						
TAS	Tasmania						
VIC	Victoria						
WA	Western Australia						
Project	Company	Location	State	Status	Expected startup	New Capacity	Capital Expenditure
Brown coal							
Arckaringa Phase 3	Altona Resources	200 km N of Coober Pedy	SA	New project, feasibility study under way	na	280MW	na
Arckaringa Phases 1 & 2	Altona Resources	200 km N of Coober Pedy	SA	New project, feasibility study under way	2014	560MW	\$520m
HRL IDGCC project	HRL Technology/ Harbin	Latrobe Valley	VIC	New project, feasibility study under way	2013	400MW	\$750m
Black coal							
Bluewaters stage 1	Griffin Energy	5 km NE of Collie	WA	New project, under construction	mid 2009	208MW	\$400m
Bluewaters stage 2	Griffin Energy	5 km NE of Collie	WA	Expansion, under construction	late 2009	208MW	\$400m
Eraring	Eraring Energy	40 km SW of Newcastle	NSW	Expansion, committed	2011	240MW	\$245m
Coolimba	Aviva Corporation	20 km S of Eneabba	WA	New project, EIS under way	2013	400MW	\$1b
ZeroGen stage 1 (demonstration phase)	ZeroGen Pty Ltd	Rockhampton	QLD	New project, feasibility study under way	2012	120MW	\$1.7b
ZeroGen stage 2 (commercial phase)	ZeroGen Pty Ltd	to be determined	QLD	New project, pre-feasibility study under way	2017	400MW	\$3b
CSM - Coal Seam Methane							

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Braemar 2	ERM Power/ Arrow Energy	40 km W of Dalby	QLD	Expansion, under construction	mid 2009	450MW	\$546m
Condamine	BG Group/ ANZ Infrastructure Services	8 km E of Miles,	QLD	New project, under construction	2009	140MW	\$170m
Darling Downs	Origin Energy	40 km W of Dalby	QLD	New project, under construction	early 2010	630MW	\$951m (inc pipeline)
Braemar 3	ERM Power	40 km SW of Dalby	QLD	Expansion, govt approval received	2011	450MW	na
Narrabri 1	East Coast Power	Narrabri	NSW	New project, planning approval under way	2012	30MW	\$150m (inc stage 1 and 2)
Narrabri 2	East Coast Power	Narrabri	NSW	New project, planning approval under way	2013	180MW	\$150m (inc stage 1 and 2)
Richmond Valley Power station and Casino Gas project	Metgasco	East Casino	NSW	New project, EIS under way	2010	30MW	\$50m
Spring Gully stage 1	Origin Energy	80 km N of Roma	QLD	New project, govt approval under way	na	500MW	na
Spring Gully stage 2	Origin Energy	80 km N of Roma	QLD	Expansion, govt approval under way	na	500MW	na
Wilga Park B	Eastern Star Gas	Narrabri	NSW	Expansion, planning approval received	na	30MW	\$42m
Gas							
Colongra gas project	Delta Electricity	Munmorah	NSW	New project, under construction	late 2009	660MW	\$500m
Kwinana	Perth Energy	30 km S of Perth	WA	New project, under construction	na	120MW	\$120m
Mortlake Stage 1	Origin Energy	12 km W of Mortlake	VIC	New project, under construction	2010	550MW	\$640m
Neerabup	ANZ Infrastructure Services/ ERM Power	50 km N of Perth	WA	New project, under construction	late 2009	320MW	\$425m
Owen Springs	Power and Water Corporation	25 km S of Alice Springs	NT	New project, under construction	2009	22MW	\$130m
Tamar Valley	Aurora Energy	Bell Bay	TAS	New project, under construction	late 2009	375MW	\$464m
ACT Peaker	AGL	8 km S of Canberra	ACT	New project, pre-feasibility study under way	na	500MW	\$350-450m
Bamarang stage 1	Delta Electricity	7 km SW of Nowra	NSW	New project, govt approval received	na	300MW	\$156m
Bamarang stage 2	Delta Electricity	7 km SW of Nowra	NSW	Expansion, EIS under way	na	100MW	\$400m
Centauri 1	Eneabba Gas	8 km E of Dongara	WA	New project, govt approval received, on hold	na	168MW	na

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Hanging Rock stage 1	Loran Energy Products	20 km SW of Moss Vale	NSW	New project, govt approval under way	2011	300MW	\$360m
Hanging Rock stage 2	Loran Energy Products	20 km SW of Moss Vale	NSW	Expansion, govt approval under way	na	300MW	\$240m
Leafs Gully	AGL	65 km SW of Sydney	NSW	New project, EIS under way	2011	350MW	\$200m
Mallala	Babcock and Brown Power	60 km N of Adelaide	SA	New project, on hold	na	450MW	\$350m
Marulan Gas Turbine Facility	Energy Australia	40 km NE of Goulburn	NSW	New project, EIS under way	2010	250-350MW	\$280m
Marulan Gas Turbine Facility stage 1	Delta Electricity	40 km NE of Goulburn	NSW	New project, EIS under way	2013-14	250-350MW	\$280m
Marulan Gas Turbine Facility stage 2	Delta Electricity	40 km NE of Goulburn	NSW	Expansion, EIS under way	2013-14	100-150MW	\$235m
Mica Creek	CS Energy	10 km S of Mount Isa	QLD	Expansion, govt approval received	na	115MW	na
Mortlake stage 2	Origin Energy	12 km W of Mortlake	VIC	Expansion, EIS completed	na	450MW	na
NQ Peaker	AGL	Townsville	QLD	New project, pre-feasibility study under way	2011	360MW	\$252-324m
Parkes	International Power	Parkes	NSW	New project, govt approval received	na	120-150MW	\$130m
Port Kembla Steelworks Co-generation plant	Bluescope Steel	Port Kembla	NSW	New project, EIS under way	2012	220MW	\$750m
SEQ1	AGL	Ipswich	QLD	New project, pre-feasibility study under way	2011	360MW	\$252-324m
SEQ2	AGL	Kogan	QLD	New project, pre-feasibility study under way	2012	1150MW	\$805-1035m
Shaw River stage 1	Santos	30 km N of Port Fairy	VIC	New project, EIS under way	2012	500MW	\$800m (inc 105 km pipeline from Pt Campbell)
Shaw River stage 2	Santos	30 km N of Port Fairy	VIC	Expansion, EIS under way	na	2x500MW	na
Stanwell	Stanwell Corporation	Rockhampton	QLD	New project, feasibility study under way	na	300MW	na
Swanbank F	CS Energy	Ipswich	QLD	Expansion, feasibility study under way	2012	400MW	na
Tallawarra stage 2	TRUenergy Tallawarra	13 km S of Wollongong	NSW	Expansion, EIS under way	na	300-450MW	\$200-330m
Tomago stage 1	Macquarie Generation	25 km N of Newcastle	NSW	New project, govt approval received, on hold	na	250MW	\$700m (inc Stage 1-3)
Tomago stage 2	Macquarie Generation	25 km N of Newcastle	NSW	Expansion, govt approval received, on hold	na	250MW	\$700m (inc Stage 1-3)
Tomago stage 3	Macquarie Generation	25 km N of Newcastle	NSW	Expansion, govt approval received, on hold	na	290MW	\$700m (inc Stage 1-3)
Valley Power Station Augmentation project	Snowy Hydro	Latrobe Valley	VIC	Expansion, govt approval received	2011	50-100MW	\$80-100m

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Weddell stage 3	Power and Water Corporation	40 km SE of Darwin	NT	Expansion, feasibility study under way	2013	40MW	\$86m
Wellington	ERM Power	4 km N of Wellington	NSW	New project, EIS under way	2011	600MW	\$350m
Oil							
Mount Stuart	Origin Energy	Townsville	QLD	Expansion, under construction	2009	126MW	\$92m
Buronga Peaking Power Plant	International Power	3 km NE of Mildura	NSW	New project, EIS under way	na	150MW	\$110m
Wind							
Capital Wind Farm	Renewable Power Ventures	50 km NE of Canberra, NSW	NSW	New project, under construction	mid 2009	140MW	\$220m
Clements Gap	Pacific Hydro	30 km S of Port Pirie	SA	New project, under construction	late 2009	57MW	\$135m
Cullerin Range Wind Farm	Origin Energy	30 km W of Goulburn	NSW	New project, under construction	mid 2009	30MW	\$90m
Hallett 2	Energy Infrastructure Trust	20 km S of Burra	SA	Expansion, under construction	late 2009	71MW	\$159m
Hallett 4 (North Brown Hill)	AGL	12 km SE of Jamestown	SA	Expansion, committed	2011	132MW	\$341m
Musselroe	Roaring 40s	Cape Portland	TAS	New project, under construction	2011	129MW	\$350m
Portland stage 3	Pacific Hydro	Cape Nelson South	VIC	New project, under construction	mid 2009	44MW	na
Ararat Wind Farm	Renewable Energy Development Australia	7 km N of Ararat	VIC	New project, govt approval under way	2011	226MW	na
Badgingara Wind Farm	Griffin Energy/ Stanwell Corporation	200 km N of Perth	WA	New project, feasibility study under way	2010	130MW	na
Bald Hills Wind Farm	Mitsui	170 km SE of Melbourne	VIC	New project, govt approval received	2011	104MW	na
Barn Hill	Transfield Services Ltd	Barn Hill	SA	New project, govt approval under way	2010	130MW	\$300m
Ben Lomond Wind Farm	AGL	62 km N of Armidale	NSW	New project, govt approval under way	na	150MW	\$300m
Berrybank Wind Farm	Union Fenosa Wind Australia	60 km E of Mortlake	VIC	New project, govt approval under way	2011	200-250MW	\$484m
Boco Rock Wind Farm	Wind Prospect	146 km SW of Nimmitabel	NSW	New project, govt approval under way	2011	146MW	\$380m

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Collgar Wind Farm	Investec Bank/ Windlab Systems	25 km SE of Merredin	WA	New project, govt approval received	late 2010	220MW	\$600m
Conroy's Gap Wind Farm	Origin Energy	17 km W of Yass	NSW	New project, govt approval received	na	30MW	na
Cooper's Gap Wind Farm	AGL/ Windlab Systems	65 km S of Dalby	QLD	New project, govt approval under way	2011	440MW	\$1.2b
Crookwell 2	Union Fenosa Wind Australia	14 km SE of Crookwell	NSW	New project, govt approval received	late 2010	92MW	\$238m
Crowlands Wind Farm	Pacific Hydro	30 km NE of Ararat	VIC	New project, govt approval under way	na	172MW	\$360m
Crows Nest Wind Farm	AGL	43 km N of Toowoomba	QLD	New project, feasibility study under way	na	150MW	\$405-435m
Darlington Wind Farm	Union Fenosa Wind Australia	5 km E of Mortlake	VIC	New project, feasibility study under way	2011	300-350MW	\$720m
Drysdale Wind Farm	Wind Farm Developments	3 km N of Purnim	VIC	New project, govt approval received	2011	30MW	\$60-100m
Flyers Creek Wind Farm	Flyers Creek Wind Farm	20 km S of Orange	NSW	New project, planning approval under way	na	80-100MW	\$160-200m
Glen Innes Wind Farm	Glen Innes Wind Power	Waterloo Range	NSW	New project, EIS under way	na	44-81MW	\$150m
Gullen Range Wind Farm	Epuron	25 km NW of Goulburn	NSW	New project, govt approval under way	2010	up to 252MW	\$250m
Gulnare/ Carmodies Hill Wind Farm	Pacific Hydro	18 km N of Mt Misery	SA	New project, govt approval under way	na	175MW	\$350m
Hallett 3 (Mt Bryan)	AGL	Hallett	SA	Expansion, feasibility study under way	2011	80MW	\$216-232m
Hallett 5 (The Bluff)	AGL Energy	12 km SE of Jamestown	SA	Expansion, feasibility study under way	na	50MW	\$135-145m
Hawkesdale Wind Farm	Union Fenosa Wind Australia	35 km N of Point Fairy	VIC	New project, govt approval received	early 2011	62MW	\$150m
Kongorong	Transfield Services	30 km W of Mt Gambier	SA	New project, pre-feasibility study under way	na	120MW	na
Kulpara	Transfield Services	Yorke Peninsula	SA	New project, pre-feasibility study under way	na	60-110MW	na
Lal Lal Wind Farm	West Wind Energy	25 km SE of Ballarat	VIC	New project, planning approval under way	2012	140MW	\$320-360
Macarthur Wind Farm	AGL/ Meridian Energy	Macarthur	VIC	New project, govt approval received	2010	330MW	\$850m
Mount Gellibrand Wind Farm	Pro Ventum International / Acciona	15 km NE of Colac	VIC	New project, govt approval received, on hold	na	232MW	\$380m
Mount Hill	Transfield Services	20 km NW of Port Neill	SA	New project, pre-feasibility study under way	na	80MW	na

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Mount Mercer Wind Farm	West Wind Energy	30 km S of Ballarat	VIC	New project, govt approval received	2010	131MW	\$250m
Myponga	TrustPower	50 km S of Adelaide	SA	New project, govt approval received	na	40MW	na
Naroghid Wind Farm	Wind Farm Developments	10 km N of Cobden	VIC	New project, govt approval received	2011	42MW	\$60-100m
Nilgen Wind Farm	Pacific Hydro	9 km E of Lancelin	SA	New project, govt approval under way	na	132MW	\$280m
Oaklands Wind Farm	AGL/Windlab Systems	5 km S of Glenthompson	VIC	New project, planning approval under way	2011	70MW	\$175m
Paling Yards	Union Fenosa Wind Australia	84 km N of Goulburn	NSW	New project, feasibility study under way	2012	76-95MW	\$183m
Portland stage 4	Pacific Hydro	Cape Nelson North and Cape Sir William Grant	VIC	New project, govt approval under way	na	54MW	na
Robertson Wind Farm	Roaring 40s	123km N of Adelaide	SA	New project, planning approval under way	na	100MW	na
Ryan Corner Wind Farm	Union Fenosa Wind Australia	10 km NW of Port Fairy	VIC	New project, govt approval received	2011	136MW	\$327m
Sidonia Hills Wind Farm	Roaring 40s	10 km NE of Kyneton	VIC	New project, pre-feasibility study under way	2010	68MW	\$170m
Silverton Wind Farm	Silverton Wind Farm Developments	25 km NW of Broken Hill	NSW	New project, EIS under way	2011	1000MW	\$2.2b
Snowtown stage 2	TrustPower	5 km W of Snowtown	SA	Expansion, govt approval received	2010	212MW	na
Stockyard Hill Wind Farm	Origin Energy	35 km W of Ballarat	VIC	New project, planning approval under way	na	484MW	\$1.4b
Stony Gap Wind Farm	Roaring 40s	120 km N or Adelaide	SA	New project, planning approval under way	na	129MW	\$350m
The Sisters Wind Farm	Wind Farm Developments	12 km S of Mortlake	VIC	New project, planning approval under way	2013	30MW	\$63m
Vincent North	Pacific Hydro	Yorke Peninsula	SA	New project, govt approval under way	na	60MW	\$100m
Waterloo stage 1	Roaring 40s	30 km SE of Clare	SA	New project, govt approval received	2011	114MW	\$275m
Woodlawn Wind Farm	Acciona Energy	40 km S of Goulburn	NSW	New project, govt approval received, on hold	na	50MW	\$100m
Woolsthorpe Wind Farm	Wind Farm Developments	2 km W of Woolsthorpe	VIC	New project, govt approval received	2011	40MW	\$60-100m
Worlds End	AGL	Burra	SA	New project, feasibility study under way	na	180MW	\$486-522m

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Yaloak Wind Farm	Pacific Hydro	35 km E of Ballarat	VIC	New project, planning approval under way	na	115MW	\$150m
Yass Wind Farm	Epuron	20 km W of Yass	NSW	New project, EIS under way	na	up to 660MW	\$850m
Hydro							
Bogong Power Development	AGL	300 km NW of Melbourne	VIC	New project, under construction	late 2009	140MW	\$230m
Ocean							
Banks Strait Tidal Energy Facility	Tenax Energy Pty Ltd	Banks Strait	TAS	New project, govt approval under way	2013	302MW	na
Clarence Strait Tidal Energy Project	Tenax Energy Pty Ltd	Clarence Strait	NT	New project, govt approval under way	2011	450MW	na
Port Phillip Heads Tidal Energy Project	Tenax Energy Pty Ltd	Port Phillip Heads	VIC	New project, govt approval under way	2012	34MW	na
Biomass							
Bell Bay Power Plant	Gunns	48 km N of Launceston	TAS	New project, on hold	na	200MW	na
WA Biomass	Babcock Brown Power/ Npower	5 km S of Manjimup	WA	New project, feasibility study under way	na	40MW	\$110m
Solar							
Whyalla Solar Oasis	Wizard Power	2 km N of Whyalla	SA	New project, Under Construction	2009	na	na
ACT Solar Power Plant	ACT Government	to be determined	ACT	New project, pre-feasibility study completed	2012	22MW	\$141m
PV Power Station	Solar Systems	Mildura	VIC	New project, govt grant received	2013	154MW	\$420m
Geothermal							
Moomba stage 2	Geodynamics	Moomba	SA	Expansion, demonstration plant under construction	2011	50MW	na