



Renewable energy construction outlook

Forecasting service

EXTRACT

March 2023

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1. SUMMARY

Renewable energy construction in Australia has experienced significant growth over the past two

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Chart 1

All data available in report

Table 1
Value of Renewable Energy Construction Work Done, Australia

Chain Volume Measures - 2020/21 Prices

Year Ended June	Solar		Wind		Battery		Other Renewable Energy		Total	
	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.
2006										
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
2022										
Forecasts										
2023										
2024										
2025										
2026										
2027										
2028										
2029										
2030										
2031										
2032										
	Average Annual Growth Rates									
2012-2017	All data available in report									
2017-2022										
Forecasts										
2022-2027										
2027-2032										

Source: ABS ; Macromonitor

Table 2
Value of Renewable Energy Construction by State and Territory

Chain Volume Measures - 2020/21 Prices

Year Ended June	NSW		VIC		QLD		SA		WA		TAS		NT		ACT		AUSTRALIA		
	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	
2006																			
2007																			
2008																			
2009																			
2010																			
2011																			
2012																			
2013																			
2014																			
2015																			
2016																			
2017																			
2018																			
2019																			
2020																			
2021																			
2022																			
Forecasts																			
2023																			
2024																			
2025																			
2026																			
2027																			
2028																			
2029																			
2030																			
2031																			
2032																			
2012-2017																			
2017-2022																			
Forecasts																			
2022-2027																			
2027-2032																			

All data available in report

All data available in report

Source: ABS ; Macromonitor

Table 2
Value of Renewable Energy Construction by State and Territory

Chain Volume Measures - 2020/21 Prices

Year Ended June	NSW		VIC		QLD		SA		WA		TAS		NT		ACT		AUSTRALIA		
	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	\$M	A%Ch.	
2006																			
2007																			
2008																			
2009																			
2010																			
2011																			
2012																			
2013																			
2014																			
2015																			
2016																			
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Forecasts																			
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2027																			
2028																			
2029																			
2030																			
2031																			
2032																			
2012-2017																			
2017-2022																			
Forecasts																			
2022-2027																			
2027-2032																			

All data available in report

All data available in report

Average Annual Growth Rates

Source: ABS ; Macromonitor

Table 11
Major Renewable Energy Projects Included in Forecasts

Assume a values and timing
 \$ million

Project	Owner	State	Fuel Type	Total value (\$m)	Pre 2022/23	Estimated Work Done by Year ended June (\$M)										
						2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	
Star of The South																
Asian Renewable Energy Hub - Stage 2 - wind component																
Asian Renewable Energy Hub - Stage 1 - wind component																
Snowy 2.0 Pumped Hydro Scheme																
Snowy 2.0 Pumped Hydro Scheme (85% of total project)																
Asian Renewable Energy Hub - Stage 2 - solar component																
Hunter Valley Battery																
Asian Renewable Energy Hub - Stage 1 - solar component																
Mount James Wind Farm																
Forest Wind																
Hells Gate Dam - Hydro																
Golden Plains Wind Farm																
Goyder South - wind																
Clarke Creek Solar and Wind Farm (Clarke Creek Integrated Wind, Solar and Battery Power Station project) - wind component																
Bull Creek Solar Farm																
MacIntyre Wind Farm - Stage 2 (possibly phased)																
Western Australia Offshore Windfarm																
Battery of the Nation - Lake Rowallan																
Big Kennedy - Stage 2 of Kennedy Energy Park - wind component																
Goyder South - battery																
Coopers Gap																
Robbins Island Energy Park - Stage 2																
Kidston Pumped Storage Hydro - (Kidston Renewable Energy Hub Stage 2 (K2H))																
Hills of Gold Wind Farm																
Stockyard Hill Wind Farm																
Rye Park Wind Farm																
Kwinana waste-to-energy																
Coppabella Wind Farm																
Cultana Solar Project																
Snowy 2.0 Pumped Hydro Scheme (15% of total project)																
Goyder South - solar																
Maryvale Energy																
Sapphire Renewable Energy Hub - Wind																
Western Downs Green Power Hub																
Dundonnell Wind Farm																
East Rockingham waste-to-energy plant																
Bango Wind Farm																
Warradarge Wind farm																
Aldoga Solar Farm																
Robertstown Solar - Solar																
Silverton Wind Farm																
Dulacca Wind Farm																
Wellington North Solar Farm																
Oxley Solar Farm																
Robbins Island Energy Park - Stage 1																
Bungama Solar - Solar																
Stubbo Solar Farm																
Goat Hill Pumped Hydro Energy Storage Project																
Western Downs Solar Farm																
White Rock Wind Farm - Stage 1																
Yandin wind farm - Stage 1																
Wollar Solar Farm - Solar																
Flat Rock (Stage 1 & Stage 2)																
Rodds Bay Solar Farm - Solar																
Delburn wind farm																
Walla Walla Solar Farm																
Baroota Pumped Hydro																
New England Solar Farm - Stage 1																
Ujungula Wind Farm																
Murra Warra Wind Farm - Stage 1																
Kaban Green Power Hub - Wind Farm																
Boco Rock Wind Farm Stage 2																
Collector Wind Farm																
Mt Emerald																
Darlington Point Solar Farm - solar farm component																
Ryan Corner Wind Farm																
Pallamana Solar Farm																

All data available in report

Source: Macromonitor