

Cumulative Impact Assessment

Key	No potential overlap – no further consideration of cumulative impacts undertaken.
	Potential for overlap however unlikely to result in substantial cumulative impacts – qualitative assessment of cumulative impacts undertaken.
	Overlap is certain and there is potential for substantial cumulative impacts – quantitative assessment of cumulative impacts undertaken.

Projects	Proximity	Details / Timing / Overlap	Key Issue							
			Biodiversity	Aboriginal Cultural Heritage	Air Quality and Odour	Noise and Vibration	Transport	Hazards and Risks	Visual	Social & Economic
Operational										
Beryl Solar Farm - Banpu Australia	5 km	Cumulative visual impacts are likely due to proximity to the Project Area. No other cumulative impacts are expected.								
Bodangora Wind Farm - Infigen Energy / Iberdrola Australia	38 km	No overlap as operational impacts are minor								
Dubbo Solar Hub - Neoen	76 km	No overlap as operational impacts are minor								
Manildra Solar Farm - Banpu Australia	116 km	No overlap as operational impacts are minor								
Molong Solar Farm - Amp Energy	160km	No overlap as operational impacts are minor								

Projects	Proximity	Details / Timing / Overlap	Key Issue							
			Biodiversity	Aboriginal Cultural Heritage	Air Quality and Odour	Noise and Vibration	Transport	Hazards and Risks	Visual	Social & Economic
Approved – construction to commence, underway or completed										
Stubbo Solar Farm - UPC\AC Renewables	7 km	Approved. Construction to commence in early to mid-2022 and expected to last for 2 years. Construction likely to overlap with Tallawang.								
Dunedoo Solar Farm - ib vogt	30 km	Approved Construction is planned for late 2022. Construction likely to overlap with Tallawang should project proceed.								
Uungula Wind Farm - CWP Renewables	48 km	Approved. Construction expected to commence 2021. Unlikely to overlap with Tallawang. Website says August 2021 working through contracting process.								
Wollar Solar Farm - Wollar Solar Development	45 km	Approved Feb 2020. Upgrading Barigan Rd in mid/late 2020. Construction was meant to commence in last 2020 and last until mid-2022.								

		Unlikely to have any overlap in construction phase.									
Wellington Solar Farm - Lightsource bp	51 km	Under construction. Construction commenced 2019. EIS states that construction and commissioning phase would take approximately 12 months – no further updates on status available on the website. Assumed no overlap with construction phases									
Wellington North Solar Farm - Lightsource bp	53 km	Approved April 2021. Construction is pending. Assumed no overlap with construction phases.									
Maryvale Solar Farm - Photon Energy	55 km	Approved Dec 2019. Construction is expected to commence Q2 2022. Unlikely to have any overlap in construction phase.									
Liverpool Range Wind Farm - Tilt Renewables	63 km	Approved. Construction timing unknown. Assumed no overlap with construction phases.									
Suntop Solar Farm - Canadian Solar	66 km	Under construction. Construction commenced Q4 of 2020. Expected to be completed by November 2021. Generation targeted for Q3 2021. Assumed no overlap with construction phases.									
Crudine Ridge Wind Farm - CWP Renewables	71 km	Under construction. Assumed no overlap with construction phases.									
Gilgandra Solar Farm - Neoen	89 km	Approved July 2017.									

		Website says construction is expected to start mid-2019. Assumed no overlap with construction phases.								
Wahroonga Solar Farm - ITP Development	108 km	Approved in 2019. Small development. A distance from Tallawang. Unlikely to have any overlap in construction phase.								
Quorn Solar Park - Renewable Energy Developments	154 km	Approved. A distance from Tallawang. No indication on construction timing. Unlikely to have any overlap in construction phase.								

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Proposed – under assessment or in planning and design phase										
Barneys Reef Wind Farm – RES (same proponent as Tallawang)	Directly north	In planning – prepare EIS. Construction Q4 2023 - construction phase would be approximately 28 months with the peak construction in months 7 – 14.								
Bellambi Heights Solar Farm - Vena Energy	Directly south	In Planning – prepare EIS. Due to proximity to Project Area cumulative visual impacts are likely. Unable to assess any other cumulative impacts due to limited information available.								
Birrawa Solar Farm and Battery Project	15 km north east	In planning – prepare EIS. No information available on construction timing. No detail regarding traffic volumes is available. Construction period anticipated to be up to 3 years. Possible visual impacts due to proximity to Project Area. No other information available to assess other cumulative impacts.								
Valley of the Winds Wind Farm - UPC\AC Renewables	40 km	In Planning – prepare EIS. Construction will occur over a 4-year period. Construction								

		expected to commence in Q1 2023 for 12 -24 months. Due to separation distance cumulative impacts are considered to be negligible.								
Goulburn River Solar Farm	60 km	In planning – prepare EIS. No information available on timing. Due to separation distance cumulative impacts are considered to be negligible.								
Mumbil Solar and Wind Farm - Ephron	60 km	In Planning. No information available. Due to separation distance cumulative impacts are considered to be negligible.								
Suntop Stage 2 Solar Farm - Photon Energy	70 km	In Planning. No information available. Due to separation distance cumulative impacts are considered to be negligible.								
Orange Community Renewable Energy Park - ITP Development	112 km	In Planning. Due to separation distance and small scale, cumulative impacts are considered to be unlikely.								
Eglington Solar Farm - Neoen	115 km	In Planning – prepare EIS. Due to separation distance cumulative impacts are considered to be unlikely.								