Appendix 22

CUMULATIVE IMPACT SCOPING SUMMARY

Appendix 23 Cumulative Impact Assessment Scoping Summary Table – Assessment Matrix

Level of Assessment	Description
Detailed Assessment	The Project may result in significant impacts on the matter, including cumulative impacts. Detailed assessment is characterised by: • Potential overlap in impacts between a future project and the proposed Project. • Potential for significant cumulative impacts as a result of the overlap, requiring detailed technical studies to assess the impacts. • Sufficient data is available on the future project to allow a detailed assessment of cumulative impacts with the proposed Project for the relevant matter. • Uncertainties exist with respect to data, mitigation, assessment methods and criteria.
Standard Assessment	The Project is unlikely to result in significant impacts on the matter, including cumulative impacts. Standard assessments are characterised by: • Impacts are well understood. • Impacts are relatively easy to predict using standard methods. • Impacts are capable of being mitigated to comply with relevant standards or performance measures. • the assessment is unlikely to involve any significant uncertainties or require any detailed cumulative impact assessment.
No Assessment Required	No potential overlap in impacts between a future project and the proposed Project that would warrant any consideration in the cumulative impact assessment.

All environmental and social matters were considered with respect to potential cumulative impacts, but for brevity the table below only presents a scoping summary of the key matters.

Cumulative Impact Scoping Summary Table – Potential Overlap Between Impacts of Project and Impact of Other Projects

Aspect	Current Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Euston Mineral Sands Project **0 km**	Prepare EIS	An SSD Mineral Sands Project located within the Disturbance Footprint of the Project. The Project Area is 48,000 ha with a Development Corridor 6,000 ha . Peak construction workforce of 250 - 350 FTE, and operational workforce of 150 - 250 FTE. Scoping Report lodged January 2023 and SEARs issued 23 February 2023.	Cumulative biodiversity impacts are anticipated, as the same type of native vegetation, associated PCT and TEC, and habitat may be disturbed as a result of both projects As such a detailed cumulative impact assessment will be required.	Potential risk of cumulative Aboriginal cultural heritage impacts are anticipated as ground disturbance in the locality would occur as a result of both projects. Further assessment of cumulative impacts required.	Transport of project-related materials and access to each project may utilise the same roads. Cumulative impacts are anticipated, as such a detailed cumulative impact assessment will be required.	Low risk of cumulative visual-related impacts due to project type of project and distance to nearest dwelling.	Low risk of cumulative noise-related impacts given project type and proximity. No further consideration required.	Cumulative social impacts anticipated given proximity of proposed Project. Detailed cumulative impact assessment required.	Cumulative economic impacts anticipated given proximity of proposed Project. Detailed cumulative impact assessment required.
Project EnergyConnect (NSW - Eastern Section) **0 km**	Under construction, not yet operational	An SSI infrastructure Project which will connect Robertstown in South Australia and Wagga Wagga in New South Wales. The total length of the route is approximately 900 km and will pass through the area of social influence. Peak construction workforce of 1,500 FTE, and operational workforce of 700 FTE. Scoping Report lodged September 2020 / SEARs issued October 2020 / EIS exhibited January 2022 / Approval granted in October 2022.	Cumulative biodiversity impacts are anticipated, as the same type of native vegetation, associated PCT and TEC, and habitat may be disturbed as a result of both projects As such a detailed cumulative impact assessment will be required.	Potential risk of cumulative Aboriginal cultural heritage impacts are anticipated as ground disturbance in the locality would occur as a result of both projects. Further assessment of cumulative impacts required.	Construction due to be completed 2025, hence low risk of cumulative traffic and transport related impacts	Low risk of cumulative visual-related impacts due to project type and large distance offsets to residences.	Low risk of cumulative noise-related impacts given project type and completion of construction prior to Project construction commencement.	Low risk of cumulative social-related impacts given project type and completion of construction prior to Project construction commencement.	Low risk of cumulative economic-related impacts given project type and completion of construction prior to Project construction commencement.
Gol Gol Solar Farm **3.3 km**	SEARs requested	An SSD solar farm with a disturbance footprint located 3.3 km from the nearest WTG, approximately two (2) million PV Solar Arrays up to two (2) substations approximately eight (8) ha each and up to two (2) O&M facilities approximately one (1) ha each. The Project Area is 3,000 ha with a Development Corridor 2,500 ha. Peak construction workforce of 200 FTE, and operational workforce of 4 FTE. The Scoping Report lodged was May 2024 and SEARs issued 7 June 2024.	Potential risk of cumulative biodiversity impacts are anticipated, as the same type of native vegetation, associated PCT and TEC, and habitat may be disturbed as a result of both projects; however this project is not in the immediate vicinity of the project. Further assessment of cumulative impacts required.	Potential risk of cumulative Aboriginal cultural heritage impacts are anticipated as ground disturbance in the locality would occur as a result of both projects; however this project is not in the immediate vicinity of the project. Further assessment of cumulative impacts required.	Potential risk of cumulative traffic and transport-related impacts. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given project type. No further consideration required.	Low risk of cumulative noise-related impacts given project type and proximity. No further consideration required.	Cumulative social impacts anticipated given proximity of proposed Project. Detailed cumulative impact assessment required.	Cumulative economic impacts anticipated given proximity of proposed Project. Detailed cumulative impact assessment required.

Aspect	Current Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Mallee Solar Farm **3.7 km**	Prepare EIS	An SSD solar farm proposed by Spark Renewables including a generation capacity of 600 MW, a 300 MW/1,200 MWh and up to 1.5 million PV modules. Mallee Solar Farm shares a boundary with the Project with 3.7 kms between Disturbance Footprints. The Project Area is 5,400 ha with a Development Corridor of 1,500 ha. Peak construction workforce of 300 FTE, and operational workforce of 10 FTE. Scoping Report lodged April 2024 and SEARs issued 17 May 2024.	Cumulative biodiversity impacts are anticipated, as the same type of native vegetation, associated PCT and TEC, and habitat may be disturbed as a result of both projects As such a detailed cumulative impact assessment will be required.	Potential risk of cumulative Aboriginal cultural heritage impacts are anticipated as ground disturbance in the locality would occur as a result of both projects; however the scale of this project is substantially smaller. Further assessment of cumulative impacts required.	Transport of project-related materials and access to each project may utilise the same roads. Cumulative impacts are anticipated, as such a detailed cumulative impact assessment will be required.	Low risk of cumulative visual-related impacts given project type. No further consideration required.	Low risk of cumulative noise-related impacts given project type and proximity. No further consideration required.	Cumulative social impacts anticipated given proximity of proposed Project. Detailed cumulative impact assessment required.	Cumulative economic impacts anticipated given proximity of proposed Project. Detailed cumulative impact assessment required.
Gol Gol Wind Farm **8.3 km**	SEARs requested	An SSD wind farm with a shared Project Boundary and 8.3 km between Disturbance Footprints and 120 WTG's with a three (3) blade system . The Project Area is 48,000 ha with a 2,500 ha Development Corridor. Peak construction workforce of XXX FTE, and operational workforce of XXX FTE. The Scoping Report was lodged May 2024 and SEARs issued 7 June 2024.	Potential risk of cumulative biodiversity impacts are anticipated, as the same type of native vegetation, associated PCT and TEC, and habitat may be disturbed as a result of both projects; however this project is not in the immediate vicinity of the project. Further assessment of cumulative impacts required.	Potential risk of cumulative Aboriginal cultural heritage impacts are anticipated as ground disturbance in the locality would occur as a result of both projects; however this project is not in the immediate vicinity of the project. Further assessment of cumulative impacts required.	Potential risk of cumulative traffic and transport-related impacts. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given project type. No further consideration required.	Low risk of cumulative noise-related impacts given project type. No further consideration required.	Cumulative social impacts anticipated given proximity of proposed Project. Detailed cumulative impact assessment required.	Potential for cumulative economic impacts within rural communities. Further assessment of cumulative impacts required.
Gol Gol Battery Energy Storage System **9 km**	SEARs requested	An SSD battery storage system located nine (9) km to the north-west of the Disturbance Footprint. The Project Area is 1,500 ha with a 1,144 ha Development Corridor. Peak construction workforce of 150 FTE, and operational workforce of 10-15 FTE. The Scoping Report was lodged May 2024 and the SEARs issued 7 June 2024.	Potential risk of cumulative biodiversity impacts are anticipated, as the same type of native vegetation, associated PCT and TEC, and habitat may be disturbed as a result of both projects; however this project is not in the immediate vicinity of the project. Further assessment of cumulative impacts required.	Potential risk of cumulative Aboriginal cultural heritage impacts are anticipated as ground disturbance in the locality would occur as a result of both projects; however this project is not in the immediate vicinity of the project. Further assessment of cumulative impacts required.	Potential risk of cumulative traffic and transport-related impacts. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given project type. No further consideration required.	Low risk of cumulative noise-related impacts given project type. No further consideration required.	Cumulative social impacts anticipated given proximity of proposed Project. Detailed cumulative impact assessment required.	Cumulative economic impacts anticipated given proximity of proposed Project. Detailed cumulative impact assessment required.

Aspect	Current Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Buronga Landfill Expansion **14 km**	Approved, operational with expasion construction yet to begin	An approved SSD land fill which includes and expansion from 30,000 tonnes per annum to 100,000 tonnes per annum processed on site. The Project Area is 124 ha with a Disturbance Footprint of 40 ha. Peak construction workforce of 10 FTE, and operational workforce of 12 FTE. The Scoping Report was lodged 8 October 2020, the SEARs issued 11 November 2020, the EIS exhibited 25 January 2022 and approval was granted 19 July 2023.	Low risk of cumulative biodiversity impacts given distance offset to this project and project type. No further consideration required.	Low risk of cumulative Aboriginal cultural heritage impacts given distance offset to this project and project type. No further consideration required.	Potential risk of cumulative traffic and transport-related impacts. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given project type. No further consideration required.	Low risk of cumulative noise-related impacts given project type. No further consideration required.	Potential for cumulative social impacts within rural communities. Further assessment of cumulative impacts required.	Potential for cumulative economic impacts within rural communities. Further assessment of cumulative impacts required.
Euston Wind Farm **30 km**	Prepare EIS	An SSD wind farm located 30 km south-east of the Project Area. The Project Area is 38,567 ha with a Development Corridor 3117.5 ha. Peak construction workforce of 250 FTE and operational workforce of 15 FTE. Scoping Report lodged in September 2022 and SEARs issued 24 October 2023.	Low risk of cumulative biodiversity impacts given distance offset to this project. No further consideration required.	Low risk of cumulative Aboriginal cultural heritage impacts given distance offset to this project. No further consideration required.	Potential risk of cumulative traffic and transport-related impacts. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given project type. No further consideration required.	Low risk of cumulative noise-related impacts given project type. No further consideration required.	Potential for cumulative social impacts within rural communities. Further assessment of cumulative impacts required.	Potential for cumulative economic impacts within rural communities. Further assessment of cumulative impacts required.
Koorakee Energy Park **43 km**	Prepare EIS	An SSD development located 43 km west of the Project Area with a generation capacity up to two (2) GW (up to one (1) GW wind and one (1) GW solar, a BESS capacity up to one (1) GW for 12 hours (12 GWh), up to 167 WTG three (3) blade systems, solar involving approximately 2.2 million panels. The Project Area is 58,000 ha with a Development Corridor 13,700 ha. Peak construction workforce of 300 - 400 FTE, and operational workforce of 10 - 15 FTE. The Scoping Report was lodged May 2024 with SEARs issued 27 May 2024.	Low risk of cumulative biodiversity impacts given distance offset to this project and project type. No further consideration required.	Low risk of cumulative Aboriginal cultural heritage impacts given distance offset to this project and project type. No further consideration required.	Potential risk of cumulative traffic and transport-related impacts. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given project type. No further consideration required.	Low risk of cumulative noise-related impacts given project type. No further consideration required.	Potential for cumulative social impacts within rural communities. Further assessment of cumulative impacts required.	Potential for cumulative economic impacts within rural communities. Further assessment of cumulative impacts required.
Lake Victoria Wind Farm **71 km**	Prepare EIS	An SSD Project wind farm located 71 km west of the Project Area, is expected to have a generation capacity of 1.5 GW and include up to 203 WTGs. The Project Area is 41,700 ha with a Development Corridor of 1,800. Peak construction workforce of 375 FTE. The Scoping Report was lodged June 2024 and SEARs issued 04 July 2024.	Low risk of cumulative biodiversity impacts given distance offset to this project. No further consideration required.	Low risk of cumulative Aboriginal cultural heritage impacts given distance offset to this project. No further consideration required.	Potential risk of cumulative traffic and transport-related impacts. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given project type. No further consideration required.	Low risk of cumulative noise-related impacts given project type. No further consideration required.	Potential for cumulative social impacts within rural communities. Further assessment of cumulative impacts required.	Potential for cumulative economic impacts within rural communities. Further assessment of cumulative impacts required.