BayWa r.e.

r.e. think energy

Appendix 23 - 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

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Project EnergyConnect (NSW (Eastern Section) **SSI-10040** **0 km**	**Approved**	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, presence of existing transmission network at this location 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.

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Pottinger Wind Farm **SSD-59235464** **0 km**	**EIS Exhibition**	An SSD wind farm, consisting of up to 247 WTG and ancillary infrastructure, and a total generation capacity of 1.3 GW. Peak construction workforce of 450 FTE, and operational workforce of 40 FTE. TWA located within the Project Area. Scoping Report lodged June 2023 / SEARs issued July 2023 / EIS exhibited June 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. 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.	Cumulative visual impacts anticipated at nearby sensitive receptors given proximity of proposed project. Detailed cumulative impact assessment required.	Cumulative noise impacts anticipated at nearby sensitive receptors given proximity of this project. Detailed cumulative impact assessment 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 and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Pottinger Solar Farm **SSD-59254709** **300 m**	**Prepare EIS**	An SSD solar farm, consisting of up to 750,000 solar panels and ancillary infrastructure, and a total generation capacity of 300 MW. Peak construction workforce of 220 FTE, and operational workforce of 4 FTE. Scoping Report lodged June 2023 / SEARs issued July 2023.	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 the scale of this project is substantially smaller. 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 the scale of this project is substantially smaller. Further assessment of cumulative impacts required.	Potential risk of cumulative traffic and transport-related impacts subject to the selection of the transport route. 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 the rural communities, however this risk is reduced with respect to the scale of this project type. Further assessment of cumulative impacts required.	Potential for cumulative social impacts within the rural communities, however this risk is reduced with respect to the scale of this project type. Further assessment of cumulative impacts required.

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
The Plains Wind Farm (Hay Plains Wind Farm) **SSD-50629707** **7 km**	**RtS**	An SSD wind farm, consisting of up to 188 WTG and ancillary infrastructure, and a total generation capacity of 1,350 MW. Peak construction workforce of 850 FTE, and operational workforce of 56 FTE. Two (2) TWAs located within the Project Area. Scoping Report lodged November 2022 / SEARs issued December 2022 / EIS submission April 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.	Cumulative visual impacts anticipated at nearby sensitive receptors given proximity of proposed project. Detailed cumulative impact assessment 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.

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Dinawan Wind Farm **SSD-50725708** **9 km**	**Prepare EIS**	An SSD wind farm, consisting of up to 250 WTG and ancillary infrastructure, and a total generation capacity of 1.5 GW. Peak construction workforce of 800 FTE, and an unknown operational workforce. Scoping Report lodged November 2022 / SEARs issued December 2022	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 subject to the selection of the transport route. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given distance offset to receivers. No further consideration required.	Low risk of cumulative noise-related impacts given distance offset to receivers. 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 and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Yanco Delta Wind Farm **SSD-41743746** **15 km**	**Approved**	An SSD wind farm, consisting of up to 208 WTG and ancillary infrastructure, and a total generation capacity of 1.5 GW. Peak construction workforce of 300 FTE, and operational workforce of 30 FTE. Scoping Report lodged April 2022 / SEARs issued May 2022 / EIS exhibited November 2022 / Approved in December 2023.	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.	An approved project that may share transport of project-related materials and access to the project utilising the broader road network. Cumulative impacts are anticipated, as such a detailed cumulative impact assessment will be required.	Low risk of cumulative visual-related impacts given distance offset to receivers. No further consideration required.	Low risk of cumulative noise-related impacts given distance offset to receivers. 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 and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Conargo Wind Farm **SSD-70611708** **17 km**	**Prepare EIS**	An SSD wind farm, consisting of up to 53 WTG and ancillary infrastructure, and a total generation capacity of 300 MW. Scoping Report lodged May 2024 / SEARs issued May 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 subject to the selection of the transport route. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given distance offset to receivers. No further consideration required.	Low risk of cumulative noise-related impacts given distance offset to receivers. 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.

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Booroorban (Saltbush) Wind Farm **SSD-70636459** **19 km**	**Prepare EIS**	An SSD wind farm, consisting of up to 70 WTG and ancillary infrastructure, and a total generation capacity of 400 MW. Peak construction workforce of 280 FTE, and operational workforce of 28 FTE. Scoping Report lodged April 2024 / SEARs issued June 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 subject to the selection of the transport route. Further assessment of cumulative impacts required.	Low risk of cumulative visual-related impacts given distance offset to receivers. No further consideration required.	Low risk of cumulative noise-related impacts given distance offset to receivers. No further consideration required.	Potential for cumulative social impacts within the rural communities. Further assessment of cumulative impacts required.	Potential for cumulative economic impacts within rural communities. Further assessment of cumulative impacts required.
The Plains Solar Farm **SSD-51219280** **25 km**	**RtS**	An SSD solar farm, consisting of up to 8,400 solar arrays and ancillary infrastructure, and a total generation capacity of 400 MW. Peak construction workforce of 278 FTE, and an unknown	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	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.

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
		operational workforce. Scoping Report lodged September 2023 / SEARs issued December 2023 / EIS exhibited March 2024.		consideration required.					
Argoon Wind Farm SSD-64935522 **29 km**	**Prepare EIS**	An SSD wind farm, consisting of up to 106 WTG and ancillary infrastructure, and a total generation capacity of 900 MW. Peak construction workforce of 350 FTE, and operational workforce of up to 12 FTE. Scoping Report lodged November 2023 / SEARs issued December 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.

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Hay Solar Farm (Hay Sun Farm) **SSD-8113** **36 km**	**Approved**	An SSD solar farm, consisting of up to 430,000 PV panels ancillary infrastructure, and a total generation capacity of 110 MW. Average construction workforce of 100 FTE, and operational workforce of 5 FTE. SEARs issued December 2016 / EIS exhibited August 2017 / Approved December 2017.	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.
Dinawan Solar Farm **SSD-50725959** **39 km**	**RtS**	An SSD solar farm, consisting of up to 2,000,000 solar panels, ancillary infrastructure, and a total generation capacity of 800 MW. Peak construction workforce of 400 FTE, and an unknown operational workforce. TWA	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.

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
		located within the Project Area. Scoping Report lodged November 2022 / SEARs issued December 2022 / EIS exhibited November 2023.							
Romani Solar Farm **SSD-67105475** **44 km**	Prepare EIS	An SSD solar farm, consisting of up to 8,000 solar arrays, ancillary infrastructure, and a total generation capacity of 250 MW. Peak construction workforce of up to 200 FTE, and an unknown operational workforce. TWA located within the Project Area. Scoping Report lodged June 2024 / SEARs issued March 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.

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Tchelery Wind Farm **SSD-59701722** **64 km**	**Prepare EIS**	An SSD wind farm, consisting of up to 120 WTG and ancillary infrastructure, and a total generation capacity of 800 MW. Peak construction workforce of 500 FTE, and an unknown operational workforce. TWA located within the Project Area. Scoping Report lodged June 2023 / SEARs issued July 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.

Project and approx. Distance	Status	Project Description	Biodiversity	Aboriginal Cultural Heritage	Access (Traffic)	Amenity (Visual)	Amenity (Noise)	Social	Economic
Baldon Wind Farm, Keri Keri Solar Farm, Keri Keri Wind Farm, Agriwaste Energy from Waste Facility, Deniliquin BESS, Wilan Wind Farm, Riverina Bioenergy Facility, Woodland BESS, Coleambally BESS and Currawa Solar Farm	Various	Various	Low risk of cumulative biodiversity impacts given distance offset to these projects and/or project type. No further consideration required.	Low risk of cumulative Aboriginal cultural heritage impacts given distance offset to these projects and/or project type. No further consideration required.	Low 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.	Low risk cumulative social impacts within rural communities. Further assessment of cumulative impacts required.	Low risk cumulative economic impacts within rural communities. Further assessment of cumulative impacts required.