



PART A: SUMMARY INFORMATION			
PERMIT NO:	013	APPLICATION DATE:	07.02.24
DATE PERMIT PREPARED:	07.02.24	LOCATION OF WORKS:	Tallawarra B Power Station Construction Project
PERMIT PREPARED BY:	Stephen Doyle	PERMIT REQUESTED BY:	Stephen Doyle
<p>DESCRIPTION OF OOHW:</p> <p>This permit application is to further support the project with works that had not been completed due to unforeseen delays. The previously permitted OOH works have been extremely limited thus far due to these delays. OOH nightshift works thus far has mainly comprised of electrical quality assurance activities.</p> <p>Works proposed within the requested timeframes in this permit include the following:</p> <ul style="list-style-type: none"> Delayed electrical and mechanical works which will be undertaken outside of the approved permitted construction hours and over the weekends across the requested dates and periods. <p>Modelling attached to this permit application (appendix B) indicates no noise greater than 5db above RBL will be generated at the allocated receptor sites. Monthly noise monitoring every month for the duration of project has not exceeded background noise levels and the permitted noise thresholds.</p> <p>The receptor sites are shown on the plan included as appendix A.</p>			

PART B: JUSTIFICATION	
TECHNICAL JUSTIFICATION: <i>(As identified in CoA Condition E3.2)</i>	
<input checked="" type="checkbox"/>	construction work that causes LAeq (15 minute) noise levels that are no more than 5 dB above rating background levels at any residence; or Electrical and mechanical works to facilitate the extended delays on the project will be undertaken outside of the approved permitted construction hours and over the weekends and nights across the requested dates and periods.
<input type="checkbox"/>	the delivery of materials requested by police or other authorised authorities for safety reasons; or
<input type="checkbox"/>	emergency work to avoid the loss of lives, property, and/or to prevent environmental harm; or
<input type="checkbox"/>	other activities as agreed by the EPA; or
<input type="checkbox"/>	works approved by the Secretary of the Department of Planning, Industry and Environment under condition 3.2 of approval 07_0124, provided the EPA is notified in advance of each out-of-hours work occurrence.
<i>If one of the technical justifications above are applicable to this OOHW application, proceed to Part G: Approval Pathway.</i>	
VARIATION JUSTIFICATION:	
<input type="checkbox"/>	To sustain the operational integrity of the electricity network or other services/utilities (e.g., water, gas, sewerage, drainage) and to minimise potential services/utilities disruptions;
<input type="checkbox"/>	To promote the safety of construction personnel and/or the public;
<input type="checkbox"/>	To sustain the operational integrity of the road network or to promote the safety of road users where proposed works are in the vicinity of a main road;

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PART B: JUSTIFICATION	
<input checked="" type="checkbox"/>	Where works are required to be completed continuously (over a longer period than the standard construction day); and
<input checked="" type="checkbox"/>	Where works do not result in impacts to noise affected and vibration affected sensitive receivers (i.e., compliant with the noise management levels and vibration criteria as outlined in Section 3.5 of the NAQMP).
<input type="checkbox"/>	Other Specify: <i>(e.g., Road occupancy licence, OSOM delivery)</i>

PART C: PROPOSED DATES AND TIMEFRAMES:								
TIME PERIODS REQUESTED: <i>(Indicate which time periods that you will require)</i> <i>(Standard construction hours 7am-6pm Mon-Fri, 8am-1pm Sat and No time on Sundays or Public Holidays)</i>								
Monday to Friday			Saturdays			Sundays and Public Holidays		
Period 1	6pm – 10pm	<input checked="" type="checkbox"/>	Period 1	7am – 8am	<input checked="" type="checkbox"/>	Period 1	8am – 6pm	<input checked="" type="checkbox"/>
Period 2	10pm – 7am	<input checked="" type="checkbox"/>	Period 1	1pm-10pm	<input checked="" type="checkbox"/>	Period 2	6pm – 8am	<input checked="" type="checkbox"/>
			Period 2	10pm – 7am	<input checked="" type="checkbox"/>			
DATES REQUESTED	Period 1 1 - 3 Mar 2024 Period 2 1 - 3 Mar 2024 Period 1 4 - 10 Mar 2024 Period 2 4 - 10 Mar 2024 Period 1 11 - 17 Mar 2024 Period 2 11 - 17 Mar 2024 Period 1 18 - 24 Mar 2024 Period 2 18 - 24 Mar 2024 Period 1 25 - 31 Mar 2024 Period 2 25 - 31 Mar 2024 Period 1 1 - 7 Apr 2024 Period 2 1 - 7 Apr 2024 Period 1 8 - 14 Apr 2024 Period 2 8 - 14 Apr 2024 Period 1 15 - 21 Apr 2024 Period 2 15 - 21 Apr 2024 Period 1 22 - 28 Apr 2024 Period 2 22 - 28 Apr 2024							

PART D: NOISE ASSESSMENT:						
Has a desktop noise assessment been completed for this work?					Yes	No
<i>If yes, provide noise assessment in Appendix B and fill out table below:</i>					<input checked="" type="checkbox"/>	<input type="checkbox"/>
NAQMP Location	Rating Background Level (RBL) ³			Noise Management Level (NML) L _{Aeg} (15min)		Sleep disturbance L _A (max) Only applies at night
	Day (7am – 6pm)	Evening (6pm – 10pm)	Night (10pm – 7am)	Standard Hours ¹ (RBL + 10dB)	Out of Hours Work (OHW) ² (RBL + 5dB)	

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PART D: NOISE ASSESSMENT:								
				Day (7am – 6pm)	Day	Evening	Night	
NCA1 R6-R11	35	35	34	45	40	40	39	52
NCA2 R1-R2	36	36	34	46	41	41	39	52
NCA3 R3-R5	36	34	30	46	41	39	35	52
Loudest Assessment Result					34	34	34	
<p>Predicted noise level from all construction scenarios as per SLR report (appendix B) indicated loudest assessment result of 34db for concrete pouring and critical lifting at receptor NCA3</p> <p>Notes: (1) Tallawarra B standard construction hours are defined as Monday – Friday: 7am – 6pm, Saturday: 8am – 1pm with no work on Sundays or public holidays. (2) Out of hours work time periods are defined as: Day: 7am to 8am Saturday, 1pm to 6pm Saturday and 8am to 6pm on Sunday and public holidays Evening: 6pm to 10pm Monday to Sunday Night: 10pm to 7am Monday to Saturday, 10pm to 8am Sunday (3) RBL's derived from Table 7-13 Tallawarra B Modification Environmental Assessment June 2020 Predicted Noise Levels Table 5 SLR Tallawarra B Noise Impact Assessment Out Of Hours Construction Works 10 May 2022 attached to this application (appendix B).</p>								
OUTCOME OF NOISE ASSESSMENT:								
OOHW Risk Limitations – Based on the above assessment results.								
	dBA above RBL	Risk limitations	Please indicate which category					
Negligible risk								
OOHW period 1 ¹	0	Predicted noise levels must be below or equal to the noise management levels.	<input checked="" type="checkbox"/>					
OOHW period 2 ²			<input checked="" type="checkbox"/>					
Low risk								
OOHW period 1	>0 to <5	--	<input checked="" type="checkbox"/>					
	≥5	OOHW may be undertaken during any OOHW day periods ³ and not more than three consecutive evening periods in a week.	<input type="checkbox"/>					
OOHW period 2	>0 to <5	--	<input checked="" type="checkbox"/>					
	≥5	OOHW limited to not more than two consecutive night periods in a week and limited to six nights per month. Noise intensive equipment will be used during standard construction hours, unless necessary. Where noise intensive equipment is required outside of standard construction hours, all endeavours shall be made to complete use of noise intensive equipment by 11pm.	<input type="checkbox"/>					
High risk								
OOHW period 1	≥5	OOHW that are undertaken for more than three consecutive evening periods in a week.	<input type="checkbox"/>					
OOHW period 2	≥5	OOHW that are undertaken for more than two consecutive night periods in a week, or more than six nights in a month.	<input type="checkbox"/>					
<p>Notes: (1) Mon-Fri (6pm – 10pm), Sat (7am – 8am; 1pm – 10pm), Sun/Pub Hol (8am – 6pm) (2) Mon – Fri (10pm – 7am), Sat (10pm – 8am), Sun/Pub Hol (6pm – 7am)</p>								

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PART D: NOISE ASSESSMENT:		
<small>(3) Sat (7am – 8am; 1pm-6pm), Sun/Pub Hol (8am – 6pm)</small>		
Is noise validation monitoring required? <small>(heavy lifting and concreting operations as predicted levels are close to night-time limit. High noise activities conducted during this permit will be validated)</small>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

PART E: VIBRATION ASSESSMENT:		
Are vibration intensive activities proposed within 100m of sensitive receivers during the OOHW works? <small>(These will be assessed for compliance with minimum working distances identified in 3.5 of the NAQMP - TALLAB-EA-10111-AQB070-0010)</small>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If yes above, is vibration impact validation monitoring required?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If no above, justification needed:		

PART F: COMMUNITY				
Sensitive Receivers	Yes	No	Comments	
Distance to nearest residential sensitive receiver:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NCA 2&3 - 1.1km NCA 1 – 2.3km	
Distance to nearest non-residential sensitive receiver:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Will the works require traffic control? If so, attach TGS to Appendix C.	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Mitigation measure for implementation during OOHW				
	dBA above RBL	Mitigation measures	Mitigation measure detail(s)	Please indicate which mitigation measure is applicable
OOHW period 1 ¹	0	-	-	-
	>0 to <5	-	-	-
	≥5	N, R1, DR	Respite period 1: evening construction noise shall be limited to no more than three (3) consecutive evenings per week except where there is a duration respite.	N <input type="checkbox"/> R1 <input type="checkbox"/> DR <input type="checkbox"/>
OOHW period 2 ²	0	-	-	-
	>0 to <5	N	Energy Australia Residential/community notification	N <input checked="" type="checkbox"/>
	>0 to <5	N, R1, R2, DR	Respite period 2: night construction noise shall be limited to two (2) consecutive nights per week and should be limited to six nights per month except for where there is a duration respite. Where possible, high noise generating works shall be completed before 11pm.	N <input type="checkbox"/> R1 <input type="checkbox"/> R2 <input type="checkbox"/> DR <input type="checkbox"/>
<small>Notes: N = Notification, DR = Duration respite (where feasible), R1 = Respite period 1, R2 = Respite period 2 (1) OOHW period 1: Mon-Fri (6pm – 10pm), Sat (7am – 8am; 1pm – 10pm), Sun/Pub Hol (8am – 6pm) (2) OOHW period 2: Mon – Fri (10pm – 7am), Sat (10pm – 8am), Sun/Pub Hol (6pm – 7am)</small>				
Notification (N): the notification may consist of a letterbox drop (or equivalent) detailing work activities, time periods over which these will occur, impacts and mitigation measures. Once approved notifications will be provided a minimum of five (5) working days prior to the				

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start of works. Given that the affected sensitive receivers are also likely to be affected landholders for the project, phone call and email will be favoured for these notifications;

Respite period 1 (R1): where out-of-hours construction noise in OOHW period 1 is limited to no more than three consecutive evenings per week;

Respite period 2 (R2): where out-of-hours construction noise in OOHW period 2 is limited to two consecutive nights; and

Duration respite (DR): respite periods may be counterproductive in reducing the impact on the community for longer duration projects. In these instances, where it can be agreed upon by affected residents, it may be beneficial to increase the work duration, number of evenings or nights worked through 'duration respite' so that the project can be completed more quickly. The project will engage with affected receivers to determine support for 'duration respite'. Where possible, negotiated agreements permitted in accordance with condition D2 c) are the preferred project approach in lieu of duration respite.

Additional mitigation measures proposed: (E.g., Solid barriers, hoarding, restriction of noise intensive plant and equipment during out of standard hours)

PART G: APPROVAL PATHWAY		
Negligible	EA Tallawarra B HSSE Lead	<input checked="" type="checkbox"/>
Low	Project Environmental Representative (<5db)	<input checked="" type="checkbox"/>
High	DPIE Secretary (>5db)	<input type="checkbox"/>

PART H: APPROVAL TO UNDERTAKE OOHW			
Signed by Project Environmental Representative			
Approval has been granted to undertake the OOHW			
NAME	SIGNATURE	POSITION	
TOBY HOBBS		ENVIRONMENTAL REPRESENTATIVE	
Have community consultation and sensitive receiver notifications been sent?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has the relevant council been notified of this OOHW?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Signed by EA Tallawarra B HSSE Lead			
Approval has been granted to undertake the OOHW			
NAME	SIGNATURE	POSITION	
GLEN COWLING		EA HSSE LEAD	
Has the Department of Planning and Environment been notified of this OOHW?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Has the EPA been notified of this OOHW?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

PART I: SITE ACCEPTANCE
(Signed by Project Construction Manager)
<p>I confirm the following:</p> <ul style="list-style-type: none"> The work details in this approval accurately reflect the planned work on site The OOHW permit will be kept on site where work is occurring. Respite and mitigation measures will be implemented. Any changes to works which may affect this approval shall be communicated to the Environment Manager and the EA Engagement Manager prior to work commencing or as soon as changes become known.

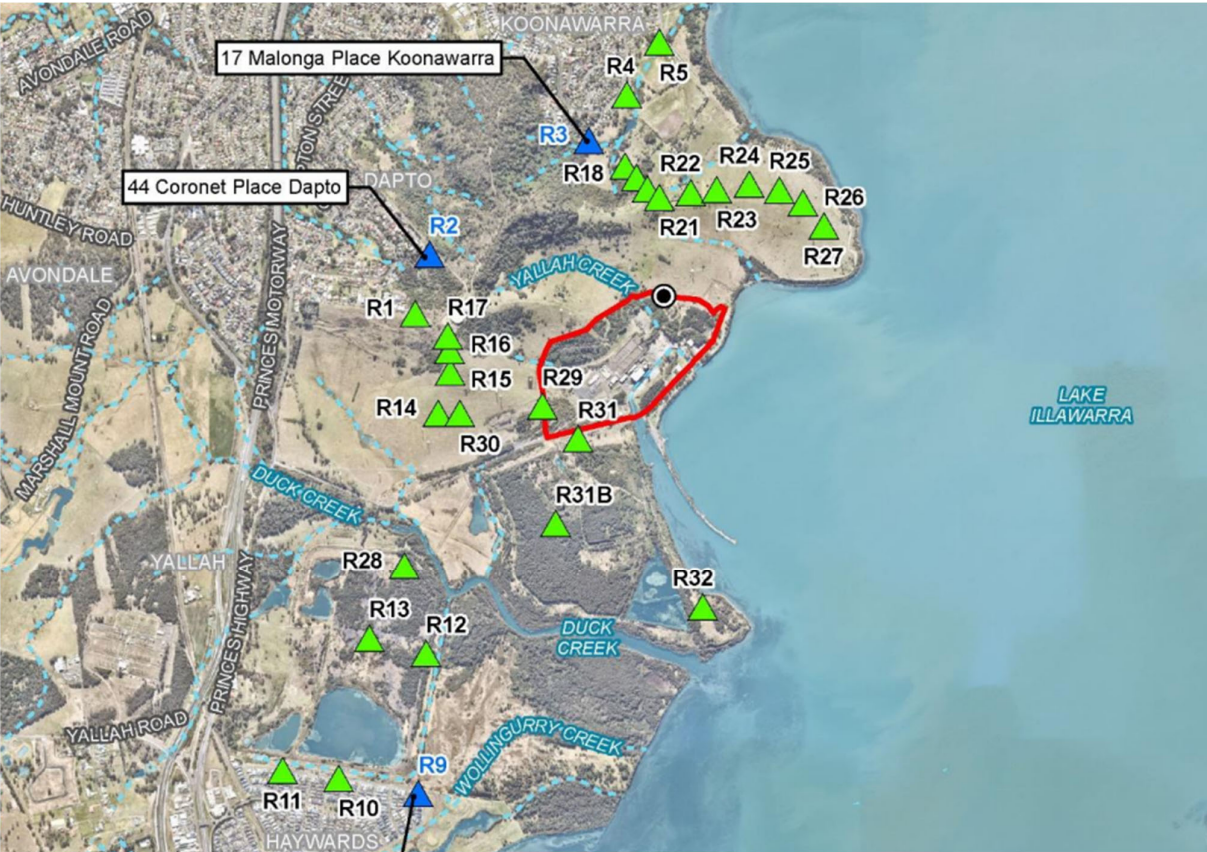
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NAME	SIGNATURE	POSITION
TRISTAN LEWIS		GECL SITE MANAGER

Appendix A: Location of Proposed Works / Sensitive Receivers



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