

MOLINO STEWART

ENVIRONMENT & NATURAL HAZARDS

a **WATER TECHNOLOGY** *company*



Tallawarra Stage B Power Station
Third Independent Audit Report
FINAL

Tallawarra Power Station

Third Independent Audit Report

FINAL

Client: EnergyAustralia

Prepared by:

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20/04/2023	Final	Shireen Baguley	Final

Document Approval

For Molino Stewart	
Name	Shireen Baguley
Position	Principal
For Energy Australia Tallawarra	
Name	Glen Cowling
Position	HSSE Lead Tallawarra Stage B

Executive Summary

Energy Australia owns the Tallawarra Power Station site which is located in Yallah, on the western foreshore of Lake Illawarra in New South Wales, approximately 13 kilometers southwest of Wollongong (Lot 109, DP 1050302, Yallah Bay Road, Yallah, Wollongong local government area). The site currently has the gas fired Tallawarra A combined cycle gas turbine (CCGT) power station operating and a permit for an extension, to be called Tallawarra Stage B Gas Turbine Power Station Project. The Tallawarra Stage B Gas Turbine Power Station (Tallawarra Stage B) is operated by EnergyAustralia as a wholly owned subsidiary of CLP Holdings Ltd.

The existing Tallawarra A gas-fired power station's generation capacity is 435 MW, and before the Tallawarra gas-fired power station commenced operations in January 2009, the site was a 320MW coal-fired power station which operated between 1954 and 1989.

Tallawarra Stage B was approved by the then Minister for Planning on 21 December 2010 and is considered Critical State Significant Infrastructure (CSSI) (CSSI 07_0124).

In December 2020 EnergyAustralia had a second modification of the existing Project Approval. The modification provides approval to:

- extend the Project Approval lapse date by two years to December 2022, and
- amend the project description within Condition of Approval 1.5 so that a single open cycle gas turbine may be used for the power plant.

The existing Tallawarra A gas-fired power station is licensed by the *NSW Environment Protection Authority* (EPA) under the *Protection of the Environment Operations Act 1997* (POEO Act), Environmental Protection Licence (EPL) number 555 (EPL 555).

The Tallawarra Stage B approval is conditional on the adherence of the project to the conditions of consent outlined in the Project Approval. To meet the approval conditions an independent and suitable qualified auditor required to undertake an independent environmental audit of the Tallawarra Stage B.

Molino Stewart has been engaged by Energy Australia Tallawarra Pty Ltd (EnergyAustralia) to complete the audit for the Tallawarra Stage B in accordance with the Conditions of Approval requirements. This includes a comprehensive report which outlines the audit methodology, findings, and recommended measures or actions that will improve the environmental performance of the project (this report).

The audit has reviewed the project's compliance via systems, documents, records, and procedures in relation to conditions of consent associated with the Tallawarra Stage B Project, for the 26-week period from 28 October 2022 to 28 April 2023.

The audit considered a total of 114 conditions from the Project Approval, of which there were 193 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 87 items were not triggered and the remaining 106 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.



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1 | Introduction

1.1 Background

Energy Australia owns the Tallawarra Power Station site is located in Yallah, on the western foreshore of Lake Illawarra in New South Wales, approximately 13 kilometers southwest of Wollongong (Lot 109, DP 1050302, Yallah Bay Road, Yallah, Wollongong Local Government Area). The site currently has the gas fired Tallawarra A combined cycle gas turbine (CCGT) power station operating and a permit for an extension, to be called Tallawarra Stage B Gas Turbine Power Station Project.

Tallawarra Stage B was approved by the then Minister for Planning on 21 December 2010 and is considered Critical State Significant Infrastructure (CSSI) (CSSI 07_0124).

A modification for the extension of the Project Approval lapse date (MP07_0124 Mod-1) was approved by the Minister for Planning on 6 April 2016.

In December 2020 EnergyAustralia had a second modification (MP07_0124-Mod-2) of the existing Project Approval approved. The modification provides approval to:

- extend the Project Approval lapse date by two years to December 2022, and
- amend the project description within Condition of Approval 1.5 so that a single open cycle gas turbine may be used for the power plant.

The approval is conditional on the adherence of the project to the conditions of consent outlined in the Project Approval.

1.2 Audit Scope

To meet its post approval conditions, EnergyAustralia requires an independent and suitable qualified contractor to assemble an audit team and undertake an independent environmental audit of the Project. The Audit is to be undertaken in accordance with the relevant Conditions of Approval:

5.9) *Independent Audits of the project must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020).*

5.10) *Proposed independent auditors must be agreed to in writing by the Secretary prior to the commencement of an Independent Audit.*

5.11) *The Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in the Compliance Reporting Post Approval Requirements (2020), upon giving at least 4 weeks' notice (or timing) to the Proponent of the date upon which the audit must be commenced.*

5.12) *In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Proponent must:*

- a) review and respond to each Independent Audit Report prepared under condition 5.11 or condition 5.13 of this approval where notice is given by the Secretary;*
- b) submit the response to the Secretary; and*
- c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Secretary, unless otherwise agreed by the Secretary.*

5.13) *Independent Audit Reports and the Proponent's response to audit findings must be submitted to the Secretary within 2 months of undertaking the independent audit site*



inspection as outlined in the Independent Audit Post Approvals Requirements (2020), unless otherwise agreed by the Secretary.

Molino Stewart was engaged by EnergyAustralia to complete the independent environmental audits during construction for the Tallawarra Stage B Project in accordance with the Conditions of Approval requirements. This is the third construction audit. Molino Stewart is to submit a comprehensive report (this report) which outlines the audit methodology, findings, and recommended measures or actions that will improve the environmental performance of the project.

1.2.1 Audit Period

This is the third independent environmental audit during construction, carried out in accordance with the Independent Audit Post Approvals Requirements (2020) as follows:

Audit Nr	Audit Type	Audit Period	Status
1	Construction	07Feb22 – 28Apr22	Complete
2	Construction	28Apr22 – 28Oct22	Complete
3	Construction	28Oct22 – 28Apr23	This report

1.2.2 Audit Team and Endorsement

The audit was undertaken by Water Technology Pty Ltd trading as Molino Stewart's Shireen Baguley BE MEngSc, who is an Exemplar Global certified lead environmental auditor (12550).

The approval documents issued by Department of Planning and Environment (DPE) are provided in Appendix A. The audit team has provided the Declaration of Independence Forms as per Appendix F.

1.2.3 Independent Audit Post Approval Requirements 2020

The Independent Environmental Audit has been undertaken in accordance with Department of Planning Industry and Environment's (DPIE's) Independent Audit Post Approval Requirements 2020.

1.3 Audit Objective

This independent environmental audit is in accordance with its Conditions of Approval (CoA) i.e. the document Consolidated Conditions of Approval (MP07-0124) Schedule 2 (December 2020). The audit serves to assess the environmental performance of the project with reference to the relevant requirements in the conditions of consent.

2 | Terms of Reference

2.1 Audit Methodology

The audit was conducted between 15 March 2023, and 28 March 2023 to determine compliance with the terms of reference stated in this section.

The audit was based on:

- examination of a sample of administrative, technical and operating documents and records provided both prior to, during and subsequent to the period the auditor was on site.
- site inspection of the facilities and surrounding areas.
- interviews and discussions with key personnel.

2.1.1 Audit Criteria

The Project was audited against the following criteria:

- Consolidated Conditions of Approval (MP07-0124) Schedule 2 (December 2020).
- Post approval documents required under the Conditions of Approval (including environmental mitigation measures and recommendations provided in environmental management plans).
- Department of Planning Industry and Environment (DPIE) Independent Audit Post Approval Requirements (2020).
- The feedback, requests, and/or comments of relevant agencies consulted.
- Any other relevant documentation, procedures or plans associated with the project.

2.1.2 Site Inspection

The site inspection was conducted by Shireen Baguley on 28 March 2023. The weather during this period was fine with rain threatening. The site was wet from rainfall in prior days. The active construction areas of the Tallawarra B construction site were inspected.

Photos from the site inspection are contained within Appendix D.

2.1.3 Site Interviews

Site interviews were undertaken by Shireen Baguley on 28 March 2023. Those interviewed are listed below:

- Glen Cowling - HSSE Lead Tallawarra B (EA)
- Amanda Jones - Environmental Planning & Assurance Specialist (EA)
- Toby Hobbs - Environmental Representative (external)
- Michael Knez - Environmental Lead (GECL)
- Paul Sewell - (UGL)



2.1.4 Consultation

Consultation was undertaken with DPE by Shireen Baguley on 28 February 2023 as part of the audit scope. The purpose of this consultation was to obtain the DPE's input into the scope of the audit and to provide any comments that it felt should be accounted for during the audit.

See section 3.3.9 for further details. Correspondence from DPE is included in Appendix E.

2.2 Compliance Status Descriptors

The audit findings were graded in accordance with the following Department of Planning and Environment classifications (DPIE, June 2020): -

Compliant: The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.

Non-Compliant: The auditor has determined that one or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.

Not Triggered: A requirement has an activation or timing trigger that has not been met at the time when the audit is undertaken, therefore an assessment of compliance is not relevant.

3 | Audit Findings

3.1 Approval and Document List

Within the Tallawarra Stage B Project approval, the conditions required are set out in the document *Consolidated Conditions of Approval* (MP07-0124) Schedule 2 (December 2020). The findings have been attached as a series of documents which reflects these requirements. Furthermore, the comments received from relevant authority consultation has been incorporated into these schedules. Thus, the detailed audit findings are presented in the attached schedule (Appendix C).

3.2 Audit Summary

The audit considered a total of 114 conditions from the Project Approval, of which there were 193 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 87 items were not triggered and the remaining 106 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.

At the completion of the audit, an exit meeting was held with relevant staff in attendance. The meeting consisted of informal discussions on the findings during the audit.

After the audit further information provided by Tallawarra Stage B personnel and any further discussions undertaken was included and considered as evidence for this audit where possible, and items marked as compliant where appropriate.

In the absence of non-compliances and opportunities for improvement, no corrective or recommended actions result from this audit.

3.3 Environmental Performance

This audit has found that the environmental performance of the Project is compliant with the Conditions of Approval.

3.3.1 Physical extent of the development

During the site inspection, the physical extent of the development was reviewed against the approved plans and found to generally comply with the approved development boundary.

3.3.2 Actual versus predicted impacts

An assessment of actual impacts compared to predicted impacts documented in the environmental assessments was undertaken as detailed in Table 1. This only considers construction impacts for relevant aspects.

Table 1 Actual versus predicted impacts

Aspect and Predicted Impacts	Comparison of actual impacts compared to predicted impacts
<p>Air</p> <p>During the construction phase of the project, the primary potential impact on air quality would be the generation of dust as a result of construction activities such as excavation. The distance to the nearest residential receiver of 1.2 kilometres is such that a sufficient buffer would exist between the construction site and neighbouring land uses to prevent dust nuisance impacts.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. Wet weather has largely mitigated any impacts from dust but as required appropriate measures are being implemented in line with the construction environmental management plan.</p>
<p>Greenhouse gas generation</p> <p>During the construction phase sources of greenhouse gas emissions will include the use of vehicles and equipment. This equipment will consume fuel (primarily diesel) resulting in the emission of greenhouse gases</p>	<p>Actual impacts are considered to be generally in line with predicted impacts.</p>
<p>Noise</p> <p>Construction noise will be generated by the operation of trucks, excavators, backhoes, front-end loaders, graders, compressors, scrapers, bulldozers, cranes, compactors, rollers and hand tools required for the construction of the project, including site clearing, bulk earthworks, establishment of site foundations, construction of buildings, plant and pipelines and transmission line installation.</p> <p>Considered minimal as the Stage A activities were not audible from the residential monitoring locations during the attended noise survey .</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. There have been no complaints during construction activities.</p> <p>Work has been conducted outside approved work hours, and in accordance with the Category 1 permit.</p> <p>Noise mitigation measures have been implemented throughout the Project as detailed in Appendix A.</p>
<p>Water</p> <p>The site was considered to have minimal impacts to water, hydrology and flooding during construction. However, the project involves excavation and building works in close proximity to Lake Illawarra and Yallah creek. Consequently, there is a risk of erosion and sedimentation impacts arising during construction until exposed areas are stabilised.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. To manage erosion and sediment control and water quality discharging from the site, mitigation measures in accordance with the soil and water management plan and progressive erosion and sediment control plan are being implemented. The site has faced significant challenges in relation to this aspect due to the extremely wet weather conditions which were experienced in 2022. The site has some natural advantages which enable the high volumes of runoff to be managed. These have been capitalised on by EA, which has served the site well in the management of potential impacts. Within the construction areas, erosion and sediment</p>



Aspect and Predicted Impacts	Comparison of actual impacts compared to predicted impacts
	control measures are in place and are being adapted as the works evolve.
<p>Ecology</p> <p>During the construction phase there will be some clearing of vegetation. Potential edge effects for endangered ecological communities and riparian corridors.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. An offset plan to compensate for the planned removal of native vegetation is in place. Active management of weed infestations is underway with good results being achieved with lantana treatment.</p>
<p>Aboriginal heritage</p> <p>As the site has been subject to extensive previous disturbance, including excavation, being the site of the decommissioned coal fired power station, there were no sites of Aboriginal cultural heritage significance identified within the Tallawarra Stage B site. However, there are areas of high Aboriginal significance in close proximity to the site associated with Yallah Creek and the foreshore of Lake Illawarra.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. Consultation with local Aboriginal community groups has been undertaken and RAPs present during key periods and site monitoring has been undertaken during sensitive works. No unexpected finds recorded. EA is engaging with the LALC with a view to undertake future vegetation rehabilitation works onsite.</p>
<p>Traffic and transport</p> <p>During construction, new traffic movements would be generated by construction workers and material deliveries to and from the project construction sites. Construction vehicles will utilise the same route and parking areas as used for the construction of the Tallawarra Stage A plant. Access to the site will be via Yallah Bay Road (the existing Tallawarra Stage A CCGT power station access road) off the Princes Highway, south of Dapto. The existing road network was considered sufficient to accommodate the increased traffic movements from the proposed development.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. A Construction Traffic Management Plan has been prepared and is being implemented. There have been no complaints during construction activities in regard to the traffic.</p> <p>There have been no reported occurrences or incidences relating to traffic and transport.</p>
<p>Waste</p> <p>The construction a would result in the generation of waste, with waste streams including demolition waste, green waste (from clearing) and general construction waste.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. The project is managing all wastes in accordance with the relevant guidelines and the principles of waste avoidance, reduction, reuse and recycling via its Waste Management Plan.</p>



3.3.3 Management plans

A high-level assessment of whether the construction environmental management plan (CEMP) is adequate was undertaken as part of the first construction audit. The EMP was reviewed which also included the below sub-plans:

- Appendix E: Air quality, noise and vibration management sub plan
- Appendix F: Traffic management sub plan
- Appendix G: Flora and fauna management sub plan
- Appendix H: Soil and water management sub plan
- Appendix I: Aboriginal cultural heritage management sub plan
- Appendix J: Waste management sub plan

The Tallawarra-B Power Station Environmental Management Strategy, which incorporates the Biodiversity Offset Plan was also reviewed. These plans have been reviewed and updated as required.

3.3.4 Agency notices

There have been no agency notices issued to Energy Australia regarding Tallawarra Power Station Stage B during this audit period.

3.3.5 Non-compliances and Points for Improvement

The audit considered a total of 114 conditions from the Project Approval, of which there were 193 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 87 items were not triggered and the remaining 106 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.

Table 2 below summarises any non-compliances and opportunities for improvement, and Section 4.2 summarises any mitigation measures identified during the audit period.

Table 2 Non-Compliances and Opportunities For Improvement identified throughout the audit.

NON-COMPLIANCES

Reference	Description
	No non-compliances identified during this audit period.

OPPORTUNITIES FOR IMPROVEMENT

Reference	Description
	No opportunities for improvement identified during this audit period.

3.3.6 Previous Report Actions

The previous audit identified 1 non-compliance and 5 opportunities for improvement. The proponent's "Independent Environment Audit Report December 2022 Response to Audit Recommendations" published on the project website demonstrates prompt actioning of these, as illustrated, for example, for the non-compliance:

Non-Compliances

Condition Number (ID)	Compliance Requirement	Independent Audit Finding	Independent Audit Recommendation	Proponent's Proposed Action/Action taken/Response (as applicable)	Proposed Action Due Date
3.27(a) Hazards and Risk Pre-Construction Hazard Studies	Prior to the commencement of construction of the project, other than site preparation works, or as otherwise agreed by the Secretary, the Proponent shall prepare a Fire Safety Study for the project, covering relevant aspects detailed in the Department's publication Hazardous Industry Planning Advisory Paper No. 2 - Fire Safety Guidelines and the New South Wales Government's Best Practice Guidelines for Contaminated Water Retention and Treatment Systems. The Study shall include a strict maintenance schedule for essential services and other safety measures. The Study shall meet the requirements of the NSW Fire Brigades.	Correspondence from Fire & Rescue NSW (FRNSW) dated 07 July 2022 raises concerns about the Fire Safety Study and states that the Study did not meet the requirements of NSW Fire Brigades. Internal memo from GECL dated 25 August 2022 in response to EnergyAustralia (EA) letter LET-EA-0044 addressing the FRNSW correspondence commits to working to a satisfactory outcome. The Project is working to achieve a document which meets the requirements of FRNSW.	Fire Safety Study currently does not meet the requirements of Fire & Rescue NSW.	EA & GECL set out a timeline to provide compliance updates to the Fire Safety Study. FRNSW Letter FRN13/4260 received noting that the revised Fire Safety Study met the requirements.	Non-compliance has been actioned. Final Fire Safety Study will be submitted to FRNSW by April 2023.

Source: <https://www.energyaustralia.com.au/about-us/what-we-do/new-energy-projects/tallawarra-b-project>

At the time of the audit, this non-compliance was confirmed actioned and closed out based on written confirmation by the FRNSW dd. 08 March 23 of such – find details in the attached Audit Schedule.

All 5 opportunities for improvement raised in the previous audit were similarly reported "Completed and closed" in the same document published on the website and had been verified as such in the last audit period.

3.3.7 Complaints

The Tallawarra B Project - Complaints register is available on the proponent's public website <https://www.energyaustralia.com.au/about-us/what-we-do/new-energy-projects/tallawarra-b-project> under "Regulatory and Approval Documents Post-Development Consent" does not show any complaints recorded in the period of this audit.

The complaint reported in the previous audit report, made on Wed 08 June 2022, remains not closed out at the time of this report as the matter relates to road repair which is a local council responsibility. It was noted that the local council has undertaken works on Yallah Bay Road in this audit period.

3.3.8 Incidents

No incidents were recorded during the audit period.

3.3.9 Agency Consultation

Consultation was undertaken with DPE by Shireen Baguley as part of the audit scope. In response, DPE advised that "... The department has no specific concerns with the project at present time...". Refer to Appendix E for copy of DPE correspondence.

4 | Recommendations

4.1 Non-compliance Summary

The audit considered a total of 114 conditions from the Project Approval, of which there were 193 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 87 items were not triggered and the remaining 106 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.

4.2 Corrective Actions and Opportunities for Improvement

No non-compliances and no opportunities for improvement were recorded for this audit period.

Table 3 Corrective actions list

Actions:		
Refer to the Action Item list attached for details. It is required that EnergyAustralia reviews the Action List and fills out the columns titled for 'Action to be Taken', 'By whom', and 'By when'. It is the responsibility of the EnergyAustralia to monitor the progress of the Action List items and ensure close out.		
Corrective actions raised: 0 Opportunities for Improvement: 0	Is Action List Closed off? <input type="checkbox"/> Yes <input type="checkbox"/> No	Signed (When Completed)

Item No.#	Action Item Description	Action to be Taken	By Whom	By When	Date Closed
Corrective Actions against non-compliances					
	No non-compliances identified this audit period.				
Corrective Actions against opportunities for improvement					
	No opportunities for improvement identified this audit period.				

4.3 Limitations

The process by which this audit was conducted, including the sample of records selected and the method for examination used, followed established audit protocols and was in accordance with the best professional judgment of the auditor. It should be understood that the audit consisted of sample observations in a short span of time. Efforts were directed toward sampling all applicable facets of the environmental management systems and associated records, but it is important to recognise that such a sampling method can only support general conclusions and does not necessarily identify all potential problems.

5 | Conclusion

Molino Stewart undertook an independent environmental audit of the Tallawarra Stage B Project. This document serves as the Independent Environmental Audit report.

The Tallawarra Stage B Project was audited against the following criteria:

- Consolidated Conditions of Approval (MP07-0124) Schedule 2 (December 2020)
- Post approval documents required under the Conditions of Approval (including environmental mitigation measures and recommendations provided in environmental management plans)
- DPIE's Independent Audit Post Approval Requirements (2020)
- The feedback, requests, and/or comments of relevant agencies consulted; and
- Any other relevant documentation, procedures or plans associated with the project.

Consultation with DPE was undertaken as part of the audit.

The audit reviewed the Tallawarra Stage B Project's compliance via systems, documents, records, and procedures in relation to conditions of approval associated with the facility's operation.

The audit considered a total of 114 conditions from the Project Approval, of which there were 193 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 87 items were not triggered and the remaining 106 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.

Appendix A | Auditor Approval Documentation



Ms Amanda Jones
Level 19, Two Melbourne Quarter
697 Collins Street
Melbourne Victoria 3008
26/02/2021

Dear Ms Jones

**Tallawarra B Power Station (MP07_0124)
Independent Environmental Audit**

I refer to your letter of 19 February 2021 seeking approval of the audit team for the upcoming Independent Environmental Audit of Tallawarra B Power Station (the project), in accordance with Schedule 2, Condition 5.10 of project approval MP07_0124, as modified (the approval).

Having considered the qualifications and experience of the proposed audit team, the Secretary endorses the appointment of:

- Ms Shireen Baguley – Lead Auditor;
- Mr Steven Molino – Alternative Lead Auditor;
- Ms Rebecca O'Rourke – Assistant Auditor;
- Ms Jenni Kremer – Alternative Assistant Auditor,

to undertake the audit in accordance with Schedule 2, Condition 5.9 of the approval. This approval is conditional on the audit team being independent of the project.

Please ensure this correspondence is appended to the Independent Audit Report.

The audit is to be conducted in accordance with the Department's Independent Audit Post Approval Requirements (May 2020). A copy of the requirements can be located at <https://www.planning.nsw.gov.au/Assess-and-Regulate/About-compliance/Compliance-policy-and-guidelines/Independent-audit-post-approval-requirements>. Auditors may wish to have regard to AS/NZS ISO 19011 Australian/New Zealand Standard: Guidelines for quality and/or environmental management systems auditing.

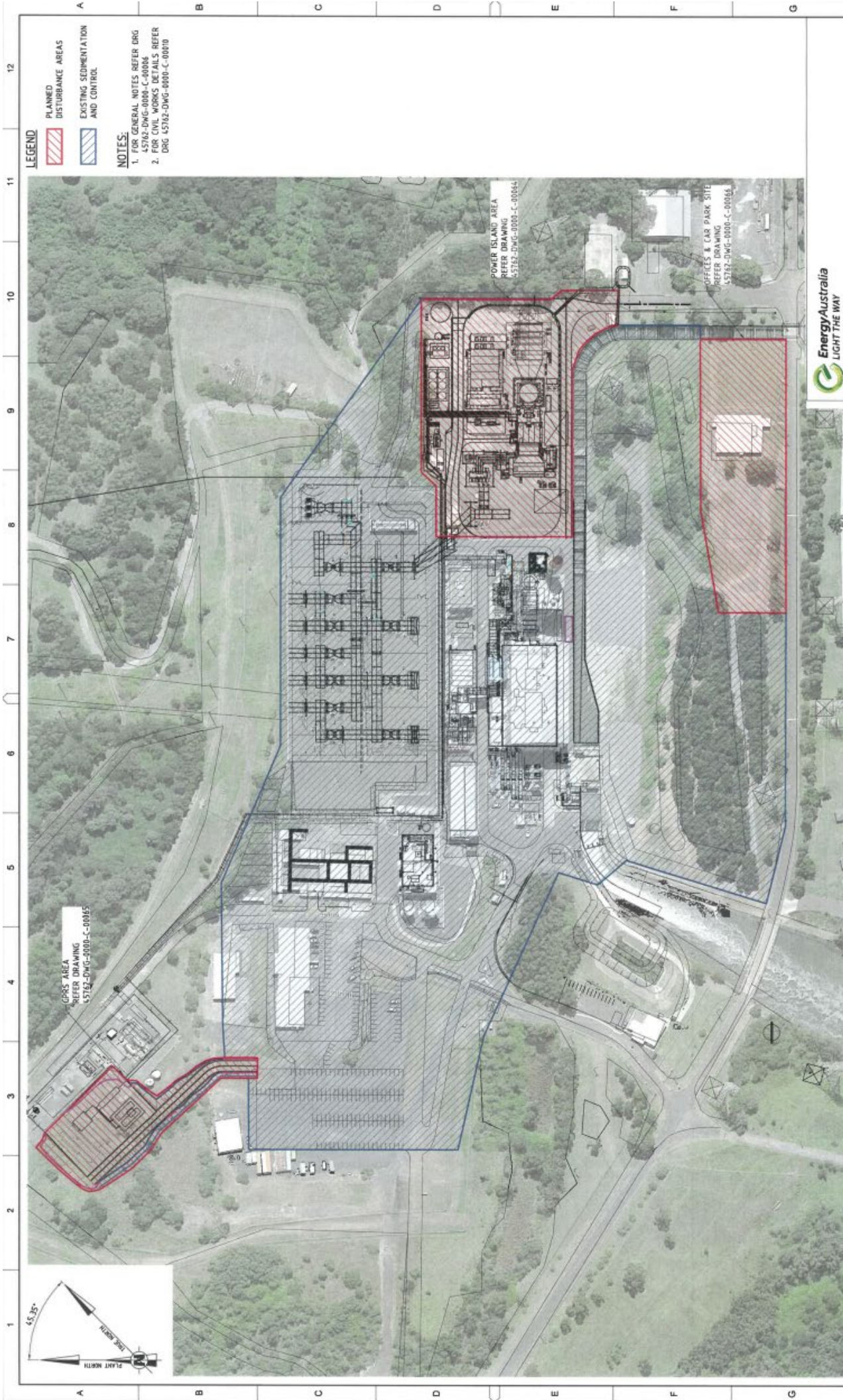
The Audit report, including the response to any recommendations contained in the Audit report and a timetable to implement the recommendations is to be submitted to the Secretary, with the Audit report.

Should you have any enquiries in relation to this matter, please contact Georgia Dragicevic, Senior Compliance Officer, on 4247 1852 or by email to Georgia.Dragicevic@planning.nsw.gov.au

Yours sincerely

Katrina O'Reilly
Team Leader - Compliance
Compliance
As nominee of the Planning Secretary

Appendix B | Plan of the Tallawarra Stage B Project



LEGEND

- PLANNED DISTURBANCE AREAS
- EXISTING SEDIMENTATION AND CONTROL

NOTES:

- FOR GENERAL NOTES REFER DRG 45762-DWG-0000-C-00046
- FOR CIVIL WORKS DETAILS REFER DRG 45762-DWG-0000-C-00070



CLIENT TALLAB-GECL-30210-CTA010-2007

TITLE ENERGY AUSTRALIA

TALLAWARRA B POWER STATION

EROSION AND SEDIMENT CONTROL PLAN
LOCATION PLAN

SCALE 1:1000 45762-DWG-0000-C-00005

APPROVALS	BRN	DH
DESIGNED	KK	KK
ENG APPR	AY	AY
PRJ APPR	BP	BP

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GE Power

GE POWER DIVISION

STATUS IFC

DATE 15 JUL 21

BY DPA

DESCRIPTION ISSUED FOR CONSTRUCTION

REV	BY	DATE	DESCRIPTION
1	DPA	15 JUL 21	ISSUED FOR CONSTRUCTION

NO	TITLE
1	11000 45762-DWG-0000-C-00005

NO	TITLE
1	11000 45762-DWG-0000-C-00005

NO	TITLE
1	11000 45762-DWG-0000-C-00005

NO	TITLE
1	11000 45762-DWG-0000-C-00005

NO	TITLE
1	11000 45762-DWG-0000-C-00005

Appendix C | Independent Audit Table

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
1. ADMINISTRATIVE CONDITIONS				
1.1 TERMS OF APPROVAL	The project may only be carried out: a) in compliance with the conditions of this approval granted with respect to the Tallawarra Stage B Gas Turbine Power Station Project (07_0124);	TALLAB-EA-10111-ACA140-0002 - (CEMP) - Letter of Endorsement from Vantage dated 8/10/21 TALLAB-EA-10111-ACA140-0018 - Construction Commencement - Letter of Approval dated 24/12/21 TALLAB-EA-10111-ACA140-0011 - (CEMP) - Letter of Approval from DPIE dated 28/01/2022 TALLAB-EA-10111-AQB070-0003 - EnergyAustralia Tallawarra B Construction Environment Management Plan CEMP dated 4-Feb-2022 TALLAB-EA-10111-ACA140-0030 - Letter of Approval from the New South Wales Government - DPIE - Environmental Management Strategy (EMS) - February 2023 TALLAB-EA-10111-ACA140-0031 - Letter of Approval from the New South Wales Government - DPIE - Vegetation Offset Plan - December 2022 Have updated offset plan; updated EMS TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4 Site inspection	Sighted CEMP, as audited elsewhere in this schedule. The Department approved the commencement of limited Construction activities (civils for gas turbine, drainage and roads) conditionally on 24/12/21. ER endorsed CEMP and it was approved by Wayne Jones Team Leader - Post Approval DPIE, noting "Accordingly, the Secretary has approved the Construction Environmental Management Plan (Revision 2.3, dated 21 January 2022). Please ensure that the approved plan is placed on the project website at the earliest convenience. Letter of Approval from DPIE dated 28/01/2022. Viewed doc on website. It is considered that the project is generally being carried out in compliance with the conditions of this approval granted with respect to the Tallawarra Stage B Gas Turbine Power Station Project (07_0124), with exceptions as noted herein.	Compliant
	The project may only be carried out: b) in accordance with all written directions of the Secretary; and	Discussions with project team; data request response. Have updated offset plan; updated EMS TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4 Site inspection	Have updated offset plan; updated EMS Sighted DPE letter dated 22 December 2022 which approves the Vegetation Offset Plan, which was submitted in accordance with Condition 3.41 of Schedule 2 Sighted DPE letter dated 15/02/2023 which approves the updated Environmental Management Strategy, which was submitted in accordance with Condition 7.6 of Schedule 2. Sighted updated EMS (v2.4), with the updated offset plan. this has been uploaded to the project's website.	Compliant
	The project may only be carried out: c) generally in accordance with the EA.	Evidence of compliance with applicable consent conditions - As gathered through audit	It is considered that the project is generally being carried out in compliance with the generally in accordance with the EA.	Compliant
1.2 TERMS OF APPROVAL	The conditions of this approval and directions of the Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and the documents listed in condition 1.1c). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition 1.1c), the most recent document prevails to the extent of any inconsistency, ambiguity or conflict. The conditions of this approval and directions of the Secretary prevail	Noted		
1.3 TERMS OF APPROVAL	The Proponent shall comply with any reasonable requirement(s) of the Secretary arising from the Department's assessment of: a) any documents that are submitted in accordance with this approval; and	TALLAB-EA-10111-ACA140-0018 - Construction Commencement - Letter of Approval	The Department approved the commencement of limited Construction activities (civils for gas turbine, drainage and roads) conditionally on 24/12/21. Required 4 x points to be met relating to biodiversity - these points have been addressed as outlined in condition 7.6 environmental management strategy. Fifth point was CEMP approval, which has been met. CEMP was approved by Wayne Jones Team Leader - Post Approval DPIE, noting "Accordingly, the Secretary has approved the Construction Environmental Management Plan (Revision 2.3, dated 21 January 2022). Please ensure that the approved plan is placed on the project website at the earliest convenience." . Letter of Approval from DPIE dated 28/01/2022 sighted. Viewed doc on website. No further requirements arising within the current audit period.	Compliant
	b) the implementation of any actions or measures contained in these documents.	Documentation, site inspection outlined within this schedule	The proponent is generally implementing actions or measures contained in the post approval plans, documents and DPE requirements, as noted in this audit. No further requirements arising within the current audit period.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
1.4 LIMITS OF APPROVAL	This approval will lapse if the Proponent does not physically commence the project by 21 December 2022.	Discussions with project team. TALLAB-EA-10111-ACA140-0018 - Construction Commencement - Letter of Approval	The date of commencement is 7/2/2022 , the first working day after the CEMP was in place. However, Document control says I have rev 2.3, which was issued on 2022-01-19 but elsewhere it says I'm on Rev 1.1 dated 4/2/22. - clarify The Department approved the commencement of limited Construction activities (civils for gas turbine, drainage and roads) conditionally on 24/12/21. This was subject to a number of additional requirements (ref CoA 1.3 and CoA 7.6). The letter also said: EnergyAustralia's detailed design of the Project has resulted in some refinements to the Project Description. The design refinements include the following ancillary infrastructure: • alteration of the alignment of the transmission line required to connect the power station to the existing high voltage electricity network; and • an upgrade of an existing switchyard access track EA advises that <i>DPIE approved the staged commencement of construction with the approved CEMP and subplans. Commencement of the 132kV transmission line is the staged component, and the CEMP and subplans will be updated to include the 132kV transmission line once the DPIE endorses the associated Consistency Assessment.</i> The upgrade of the switchyard access track has been removed from the scope. Reviewed 'CEMP_Tallawarra_B-Version-2.3 clean 2022-01-21 Revision 2.3', and it says ' <i>EnergyAustralia proposes to revise the transmission line alignment compared to the existing alignment as shown in the original EIS. To ensure that we incorporate the measures to improve the environmental performance of the project associated with the clearance of vegetation for the transmission line, EA proposes to stage the approval of the relevant management plans.</i> The construction activities documented in the CEMP include works in the Transmission line easement. It does say removal of any redundant transmission towers would be subject to separate approvals that would be obtained by the authorised network operator, but the works still say (p17) <i>Transmission line installation: Existing redundant transmission lines and towers would be removed where necessary. New prefabricated transmission poles will be installed along the transmission route in accordance with Endeavour Energy requirements. New transmission lines would be strung along the poles.</i> EA advised the inclusion of the transmission lines in the scope means there is no need for a significant rework of CEMP and sub plans, but an update will still occur once the consistency assessment review is completed by DPE.	Compliant
1.5 LIMITS OF APPROVAL	The project shall comprise a single-unit gas turbine power plant with a total nominal output of up to 400 megawatts operating in open cycle mode or a single unit gas turbine plant with a nominal output of 400 megawatts operating in combined cycle mode.	TALLAB-EA-10110-ABB010-0006 - Tallawarra B - PMGS CP 4a and 5a for EPC - Works CP 4a - Design & CP 5a – Construction - Rev 0 TALLAB-EA-10110-ABB010-0007 - Tallawarra B - PMGS CP 4b and 5b for Network Interconnection - CP4b - Design & CP5b – Construction - Rev 0	Presentation for PMGS presentations (power plant and network connection showed the work scope as Installation of a 400MVA Generator with the 30% and 60% Design Review Workshop requirements (Nov, Dec), which included the structures for open cycle plans. EA has no updates/changes	Compliant
1.6 LIMITS OF APPROVAL	Nothing in this approval permits the construction and operation of an open cycle gas turbine plant, unless the Proponent has submitted a report to the Secretary which demonstrates that operation of an open cycle gas turbine plant will not have an adverse impact on aviation safety. This report must be prepared in consultation with Shellharbour City Council, and its conclusions and recommendations must have been agreed to by the CASA prior to submission to the Secretary. The report must be approved by the Secretary before commencement of construction of an open cycle plant.	TALLAB-EA-10111-ACA140-0019 - Aviation Impact Assessment - Letter of Approval (including supporting documentation). Letter dated 17/09/2021 from Steve O'Donoghue Director Resource Assessments	Understand in the mod report that " <i>On 2 April 2020, the Department of Planning, Industry and Environment notified EnergyAustralia that condition 1.6 had been satisfied, based on the advice from CASA</i> ". Letter dated 17/09/2021 from Steve O'Donoghue Director Resource Assessments, provides conditional approval subject to the following prior to operations, to the satisfaction of the Secretary: • <i>EnergyAustralia providing a report confirming that all the mitigation measures and the inclusion of a plume symbol on aeronautical charts have been or would be implemented (noting that some measures can only be implemented after operations have commenced), as listed in Section 10 of the Tallawarra B OCGT Aviation Impact Assessment, dated 13 February 2020 (see Attachment 6).</i> • <i>Evidence of the performance guarantee test demonstrating that the plant achieves compliance with the CPV as outlined in the plume rise performance guarantee (see Attachment 7).</i> • <i>Submission of an ongoing Plume Validation Monitoring Program to be implemented during operations, incorporating a trigger-action-response plan.</i>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
1.7 STATUTORY REQUIREMENTS	The Proponent shall ensure that all licences, permits and approvals are obtained and maintained as required throughout the life of the project. No condition of this approval removes the obligation for the Proponent to obtain, renew or comply with such licences, permits or approvals. The Proponent shall ensure that a copy of this approval and all relevant environmental approvals are available on the site at all times during the life of the project.	TALLAB-EA-10110-ABD030-0001 - Tallawarra B (MOD2) - Consolidated Project Approval TALLAB-EA-10111-ACB030-0001 - Notice of Variation of Licence No. 555 TALLAB-GECL-10111-ACA140-0001 - Rev 0 - Construction Certificate No. 21254-01 TALLAB-GECL-10111-ACA140-0002 - Rev 0 - Construction Certificate No. 21254-02 Consent issued under Roads Act: WCC dated 2/9/22 valid until 1/11/22 UGL road closure requests -foreshore TALLAB-UGL-10111-ABD080-0008.C GECL Road Occ licence site inspection	Project Approval (EA) (in place, forming scope of this audit) Construction EPL (EA) - dated 5/5/21. Sighted. Sighted Construction Certificate (GECL): Construction Certificate No. 212545/01 for Bulk excavation, footings, and slab on ground dated 15 February 2022 and Construction Certificate No. 212545/02 for Piping, pipe supports and cable trays under and adjacent to the existing Tallawarra A 132kV lines from Tallawarra A to the existing switchyard dated 31/03/2022 Consent issued under Roads Act: WCC dated 2/9/22 valid until 1/11/22. Gives licence to 'Occupy the end of Yallah Bay Road with a road closure under traffic control as per Traffic Committee approval for construction project of Tallawarra B Power Station.' Available on website for community notifications. Sighted the UGL road closure approval from WCC 27 January 2023 to 27 March 2023; Sighted the GECL road occ RO-2202/312 dated 19/10/22 decision to occupy the end of Yallah Bay Rd for the construction of project	Compliant
1.8 STATUTORY REQUIREMENTS	For the purpose of section 198(3)(b) of the Environmental Planning and Assessment Regulation 2000 (the Regulation), the relevant provisions, as defined in section 198(1) of the Regulation, apply to this approval.		Noted -not applicable	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
2. OPERATING CONDITIONS				
2.1 APPROVED FUELS	Natural gas is the only fuel approved for firing of the burner/turbine.			Not Triggered
2.4 MODE OF OPERATION	The Tallawarra Stage B combined cycle gas turbine power station shall not operate in cold start cycle at the same time as the Tallawarra Stage A combined cycle gas turbine power station, unless otherwise agreed to by the EPA and approved by the Secretary. A cold start is defined as the first 120 minutes following of power station operation after a period of more than 36 hours shut down.			Not Triggered
2.5 APPROVED CHEMICALS	Only biocides and antifouling chemicals assessed in the documents referred to in condition 1.1c), or otherwise approved by the EPA, and permitted, registered or approved for use by the Australian Pesticides and Veterinary Medicines Association, shall be used in the operation of the power station.			Not Triggered
3. SPECIFIC ENVIRONMENTAL CONDITIONS				
	The Proponent shall only undertake construction activities associated with the project that would generate an audible noise at any sensitive receivers during the following hours: a) 7:00 am to 6:00 pm, Mondays to Fridays, inclusive;	<p>TALLAB-GECL-10111-ABD080-0001 - Rev 0 - Tallawarra B Construction Noise Monitoring - March 2022</p> <p>TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure</p> <p>ER monthly reports</p> <p>Complaints Register</p> <p>SLR Noise Impact Assessment Out of Hours Construction Works modelling dated 10 May 2022</p> <p>Site inspection sighted the signs showing the working hours to be a) 7:00 am to 6:00 pm, Mondays to Fridays</p> <p>Out-Of-Hours Work Permit for UGL for period 7/1/2023 to 30/4/2023.</p>	<p>Requirements set out in Table 5-1: Consolidated conditions, commitments, safeguards and management measures of Project number MP 07_0124 File NAQMP-Tallawarra-B-Revision-2.3 clean, 2022-02-03 Revision 2.3 21</p> <p>There are a number of works that can be undertaken outside of these hours, as set out in the site's EPL.</p> <p>Noise monitoring by SLR reported that noise monitoring at nearest residential areas was co-ordinated with operation of the excavator mounted rock breaker. observations during noise monitoring indicated the rock breaker was inaudible with ambient noise levels influenced by extraneous noise sources. The background noise environment was dominated by traffic on the Princess Motorway. Consistent with results in 'Table 4 Summary of Measurement Results (dBA)– 16 March 2022' .</p> <p>SLR modelling showed levels below RBL (i.e. 34dB). modelling and test results indicates no noise greater than 5dB above rating background levels at any residence will be generated during the works (see note below). SLR noise modelling for OOHW approval stated 'Noise modelling results show that the noise emissions from the site at the nearest residential receivers are expected to be below the noise management levels for average and maximum noise emissions during night-time period.</p> <p>Sighted complaints register EA advised no further complaints since then.</p> <p>Sighted Out-Of-Hours Work Permit for UGL for period 7/1/2023 to 30/4/2023. Application date is 24/02/2023, which is after the OOHW commenced. However, Dec22 ER report says low risk OOHW were also approved by the ER on 20 December 2022 for UGL activities.Sighted first application from ER, dated 20/12/22 giving approval to Apr 2023. ID: UGLMS-0654-001 Version: D Date Published: 20 December 2022</p> <p>UGL Governance System. Viewed Toby Hobbs checklist for approval. All in order</p> <p>Modelling presented within the document indicated that the the greatest noise at the nearest sensitive residential receiver construction works would be 37.18dB, which complies with requirements within CoA (E3.2) noise levels.</p> <p>G EGL OOHW documentation and approval November 2022 through to February 2023. TALLAB-GECL-10111-ABD080-0004.1 OOHW permits for GECL covering 12Nov22-31Mar23. Advice provided to DPE. All in order.</p> <p>TALLAB-GECL-10111-ABD080-0005.1 External monthly noise compliance monitoring reports covering Oct22-Feb23. Mar23 not yet available. All in order</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3. 1 CONSTRUCTION NOISE	The Proponent shall only undertake construction activities associated with the project that would generate an audible noise at any sensitive receivers during the following hours: b) 8:00 am to 1:00 pm on Saturdays; and	Site Weekly Environmental Inspection Checklist for audit period. TALLAB-GECL-10111-ABD080-0004 - Independent Audit GECL Supporting Records - 3.3 Out of Hours Work (OOHW) Applications TALLAB-GECL-10111-ABD080-0005 - Independent Audit GECL Supporting Records - 3.3 and 3.4 Noise Monitoring TALLAB-UGL-10111-ABD080-0002 - Independent Audit UGL Supporting Records – 3.1 Construction Noise	Requirements set out in Table 5-1: Consolidated conditions, commitments, safeguards and management measures of Project number MP 07_0124 File NAQMP-Tallawarra-B-Revision-2.3 clean, 2022-02-03 Revision 2.3 21 There are a number of works that can be undertaken outside of these hours, as set out in the site's EPL. The complaints handling requirements are set out in TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure, as per the requirements of CoA 6.2. Viewed webpage: https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project and a phone number is available and published herein. Number checked. Sighted complaints register EA advised no further complaints since then). Sighted Out of Hours Works Authorisation Request for UGL (available on website). Out-Of-Hours Work Permit for UGL for period 7/1/2023 to 30/4/2023. Application date is 24/02/2023, which is after the OOHW commenced. However, Dec22 ER report says low risk OOHW were also approved by the ER on 20 December 2022 for UGL activities. Sighted first application from ER, dated 20/12/22 giving approval to Apr 2023. ID: UGLMS-0654-001 Version: D Date Published: 20 December 2022 UGL Governance System. Viewed Toby Hobbs checklist for approval. All in order Extension of works involves working Saturdays 7am to 6pm and Sundays 7am to 6pm. No night works. Works on a public infrastructure facility to ensure minimum disruption of utility supply to the public. To promote the safety of construction personnel and the public. Construction work that causes LAeq (15 minute) noise levels that are no more than 5 dB above rating background levels at any residence Modelling presented within the document indicated that the the greatest noise at the nearest sensitive residential receiver construction works would be 37.18dB, which complies with requirements within CoA (E3.2) noise levels The receivers in the SLR report align with catchments and then receivers - see Table 3 in OOHW assessment. GEGL OOHW documentation and approval November 2022 through to February 2023. TALLAB-GECL-10111-ABD080-0004.1 OOHW permits for GECL covering 12Nov22-31Mar23. All in order. TALLAB-GECL-10111-ABD080-0005.1 External monthly noise compliance monitoring reports covering Oct22-Feb23. Mar23 not yet available. All compliant. Site Weekly Environmental Inspection Checklist for audit period show that this is an item regularly monitored.	Compliant
	The Proponent shall only undertake construction activities associated with the project that would generate an audible noise at any sensitive receivers during the following hours: c) at no time on Sundays or public holidays. This condition does not apply in the event of a direction from police or other relevant authority for safety reasons, or to prevent environmental harm, the loss of property or risk to life.	TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure TALLAB-EA-10111-AQA030-0001 - Rev 0 - Complaints Register Out-Of-Hours Work Permit for UGL for period 7/1/2023 to 30/4/2023; application to ER dated 20/12/22 Modelling. check SLR modelling showed levels below RBL (i.e. 34dB). TALLAB-GECL-10111-ABD080-0005.1 External monthly noise compliance monitoring reports covering Oct22-Feb23. TALLAB-GECL-10111-ABD080-0002.1 Weely enviro inspections for period covering Oct22-Feb23. Checklist items 23, 24, 27 and 45 address aspects of noise.	Requirements set out in Table 5-1: Consolidated conditions, commitments, safeguards and management measures of Project number MP 07_0124 File NAQMP-Tallawarra-B-Revision-2.3 clean, 2022-02-03 Revision 2.3 21 There are a number of works that can be undertaken outside of these hours, as set out in the site's EPL. The complaints handling requirements are set out in TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure, as per the requirements of CoA 6.2. Viewed webpage: https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project and a phone number is available and published herein. Number checked. Sighted complaints register EA advised no further complaints Sighted Out of Hours Works Authorisation Request for UGL (available on website). Sighted Out-Of-Hours Work Permit for UGL for period 7/1/2023 to 30/4/2023. Application date is 24/02/2023, which is after the OOHW commenced. However, Dec22 ER report says low risk OOHW were also approved by the ER on 20 December 2022 for UGL activities. Sighted first application from ER, dated 20/12/22 giving approval to Apr 2023. ID: UGLMS-0654-001 Version: D Date Published: 20 December 2022 UGL Governance System. Viewed Toby Hobbs checklist for approval. All in order Extension of works involves working Saturdays 7am to 6pm and Sundays 7am to 6pm. No night works. Works on a public infrastructure facility to ensure minimum disruption of utility supply to the public. To promote the safety of construction personnel and the public. Construction work that causes LAeq (15 minute) noise levels that are no more than 5 dB above rating background levels at any residence Modelling presented within the document indicated that the the greatest noise at the nearest sensitive residential receiver construction works would be 37.18dB, which complies with requirements within CoA (E3.2) noise levels The receivers in the SLR report align with catchments and then receivers - see Table 3 in OOHW assessment. TALLAB-GECL-10111-ABD080-0005.1 External monthly noise compliance monitoring reports covering Oct22-Feb23. All compliant. Site Weekly Environmental Inspection Checklist for audit period show that this is an item regularly monitored.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.2 CONSTRUCTION NOISE	The hours of construction activities specified under condition 3.1 of this approval may be varied with the prior written approval of the Secretary. Any request to alter the hours of construction specified under condition 3.1 shall be: a) considered on a case-by-case basis;	<p>NAQMP-Tallawarra-B-Revision-2.4 All Appendices (App B is Protocol)</p> <p>corres of approval for OOHW.</p> <p>Out-Of-Hours Work Permit for UGL for period 7/1/2023 to 30/4/2023.</p> <p>Site Weekly Environmental Inspection Chcklist for audit period.</p> <p>TALLAB-GECL-10111-ABD080-0004 - Independent Audit GECL Supporting Records - 3.3 Out of Hours Work (OOHW) Applications</p> <p>TALLAB-GECL-10111-ABD080-0005 - Independent Audit GECL Supporting Records - 3.3 and 3.4 Noise Monitoring</p> <p>TALLAB-UGL-10111-ABD080-0002 - Independent Audit UGL Supporting Records – 3.1 Construction Noise</p> <p>ER reports : Nov 22 to Jan 23</p>	<p>Sighted Out of Hours Works Authorisation Request for UGL (available on website). Sighted Out-Of-Hours Work Permit for UGL for period 7/1/2023 to 30/4/2023. Application date is 24/02/2023, which is after the OOHW commenced. However, Dec22 ER report says low risk OOHW were also approved by the ER on 20 December 2022 for UGL activities. Sighted first application from ER, dated 20/12/22 giving approval to Apr 2023. ID: UGLMS-0654-001 Version: D Date Published: 20 December 2022</p> <p>UGL Governance System. Viewed Toby Hobbs checklist for approval. All in order</p> <p>Extension of works involves working Saturdays 7am to 6pm and Sundays 7am to 6pm. No night works. Works on a public infrastructure facility to ensure minimum disruption of utility supply to the public. To promote the safety of construction personnel and the public. Construction work that causes LAeq (15 minute) noise levels that are no more than 5 dB above rating background levels at any residence</p> <p>Modelling presented within the document indicated that the the greatest noise at the nearest sensitive residential receiver construction works would be 37.18dB, which complies with requirements within CoA (E3.2) noise levels</p> <p>The receivers in the SLR report align with catrchments and then receivers - see Table 3 in OOHW assessment</p> <p>Site Weekly Environmental Inspection Chcklist for audit period show that this is an item regularly monitored.</p> <p>TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Checklist items 23, 24, 27 and 45 address aspects of noise.</p> <p>TALLAB-GECL-10111-ABD080-0004.1 . OOHW permits for GECL covering 12Nov22-31Mar23.All in order.</p> <p>TALLAB-GECL-10111-ABD080-0005.1 External monthly noise compliance monitoring reports by SLR. All compliant.</p> <p>ER report for Nov & Dec 2022 note OOHW by GECL, and note it is proposed <i>to occur by GECL during December 2022 through to February 2023.works were associated with the anticipated delivery of oversize/over-dimension loads from Port Kembla such as the station generator, exhaust stack and auxiliary components which had been delayed from previous months. Once transported to the Project site, no further OOHW would occur as the unloading of the equipment would be</i></p>	Compliant
	The hours of construction activities specified under condition 3.1 of this approval may be varied with the prior written approval of the Secretary. Any request to alter the hours of construction specified under condition 3.1 shall be: b) accompanied by details of the nature and need for activities to be conducted during the varied construction hours; and	as above	<p>Sighted Out of Hours Works Authorisation Request for UGL (available on website). Sighted Out-Of-Hours Work Permit for UGL for period 7/1/2023 to 30/4/2023. Application date is 24/02/2023, which is after the OOHW commenced. However, Dec22 ER report says low risk OOHW were also approved by the ER on 20 December 2022 for UGL activities. Sighted first application from ER, dated 20/12/22 giving approval to Apr 2023. ID: UGLMS-0654-001 Version: D Date Published: 20 December 2022</p> <p>UGL Governance System. Viewed Toby Hobbs checklist for approval. All in order</p> <p>Extension of works involves working Saturdays 7am to 6pm and Sundays 7am to 6pm. No night works. Works on a public infrastructure facility to ensure minimum disruption of utility supply to the public. To promote the safety of construction personnel and the public. Construction work that causes LAeq (15 minute) noise levels that are no more than 5 dB above rating background levels at any residence</p> <p>Modelling presented within the document indicated that the the greatest noise at the nearest sensitive residential receiver construction works would be 37.18dB, which complies with requirements within CoA (E3.2) noise levels</p> <p>The receivers in the SLR report align with catrchments and then receivers - see Table 3 in OOHW assessment</p> <p>Site Weekly Environmental Inspection Chcklist for audit period show that this is an item regularly monitored.</p> <p>TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Checklist items 23, 24, 27 and 45 address aspects of noise.</p> <p>TALLAB-GECL-10111-ABD080-0004.1 . OOHW permits for GECL covering 12Nov22-31Mar23.All in order.</p> <p>TALLAB-GECL-10111-ABD080-0005.1 External monthly noise compliance monitoring reports by SLR. All compliant.</p> <p>ER report for Nov & Dec 2022 note OOHW by GECL, and note it is <i>proposed to occur by GECL during December 2022 through to February 2023.works were associated with the anticipated delivery of oversize/over-dimension loads from Port Kembla such as the station generator, exhaust stack and auxiliary components which had been delayed from previous months. Once transported to the Project site, no further OOHW would occur as the unloading of the equipment would be completed during standard construction hours to ensure potential noise impacts during non-standard construction hours were minimised. The OOHW application associated with the above-noted proposed works was approved by the ER on 13 December 2022 following consultation with EPA. The noise assessment for the works estimated that the proposed works would not cause LAeq (15 minute) noise levels greater 5 dB above rating background levels at residential receivers. DPE was advised prior to the OOHW commencing and community notifications were posted to the Project website.</i></p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	The hours of construction activities specified under condition 3.1 of this approval may be varied with the prior written approval of the Secretary. Any request to alter the hours of construction specified under condition 3.1 shall be: c) accompanied by written evidence demonstrating consultation with the EPA in relation to the proposed variation in construction times (including the consideration of any comments made by the EPA).	as above	<p>Sighted Out of Hours Works Authorisation Request for UGL (available on website). Sighted Out-Of-Hours Work Permit for UGL for period 7/1/2023 to 30/4/2023. Application date is 24/02/2023, which is after the OOHW commenced. However, Dec22 ER report says low risk OOHW were also approved by the ER on 20 December 2022 for UGL activities. Sighted first application from ER, dated 20/12/22 giving approval to Apr 2023. ID: UGLMS-0654-001 Version: D Date Published: 20 December 2022</p> <p>UGL Governance System. Viewed Toby Hobbs checklist for approval. All in order</p> <p>Extension of works involves working Saturdays 7am to 6pm and Sundays 7am to 6pm. No night works. Works on a public infrastructure facility to ensure minimum disruption of utility supply to the public. To promote the safety of construction personnel and the public. Construction work that causes LAeq (15 minute) noise levels that are no more than 5 dB above rating background levels at any residence</p> <p>Modelling presented within the document indicated that the the greatest noise at the nearest sensitive residential receiver construction works would be 37.18dB, which complies with requirements within CoA (E3.2) noise levels</p> <p>The receivers in the SLR report align with catchments and then receivers - see Table 3 in OOHW assessment</p> <p>Site Weekly Environmental Inspection Checklist for audit period show that this is an item regularly monitored.</p> <p>TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Checklist items 23, 24, 27 and 45 address aspects of noise.</p> <p>TALLAB-GECL-10111-ABD080-0004.1 . OOHW permits for GECL covering 12Nov22-31Mar23.All in order.</p> <p>TALLAB-GECL-10111-ABD080-0005.1 External monthly noise compliance monitoring reports by SLR. All compliant. .</p> <p>ER report for Nov & Dec 2022 note OOHW by GECL, and note it is <i>proposed to occur by GECL during December 2022 through to February 2023.works were associated with the anticipated delivery of oversize/over-dimension loads from Port Kembla such as the station generator, exhaust stack and auxiliary components which had been delayed from previous months. Once transported to the Project site, no further OOHW would occur as the unloading of the equipment would be completed during standard construction hours to ensure potential noise impacts during non-standard construction hours were minimised. The OOHW application associated with the above-noted proposed works was approved by the ER on 13 December 2022 following consultation with EPA. The noise assessment for the works estimated that the proposed works would not cause LAeq (15 minute) noise levels greater 5 dB above rating background levels at residential receivers. DPE was advised prior to the OOHW commencing and community notifications were posted to the Project website .</i></p>	Compliant
3.3 CONSTRUCTION NOISE	The Proponent shall implement all reasonable and feasible mitigation measures with the aim of achieving the following construction noise and vibration goals: a) where audible at any sensitive receivers, the LAeq (15minute) noise level from construction activities should not exceed the rating background level by more than 10 dB; and	<p>ER reports : Nov 22 to Jan 23</p> <p>Complaints Register</p> <p>Discussion with EA and GEGL.</p>	<p>Requirements set out in Table 5-1: Consolidated conditions, commitments, safeguards and management measures of Project number MP 07_0124 File NAQMP-Tallawarra-B-Revision-2.3 clean, 2022-02-03 Revision 2.3 21</p> <p>Section 6 of AQB070-0010 - Noise and Air Quality Management Sub-Plan contains measures to monitor noise. Table 5.1 gives a Consolidated conditions, commitments, safeguards and management measures which includes noise management.</p> <p>TALLAB-GECL-10111-ABD080-0005.1</p> <p>External monthly noise compliance monitoring reports by SLR covering Oct22-Feb23. Mar23 not yet available. All compliant</p>	Compliant
	b) the vibration limits set out in the Assessing Vibration: A Technical Guideline (Department of Environment and Climate Change, 2006) for human exposure.	<p>Construction Environment Management Plan (CEMP)</p> <p>Noise and Air Quality Management Sub-Plan - 2022-02-03.</p> <p>SLR vibration report dated 20 October 2022</p> <p>TALLAB-GECL-10111-ABD080-0005.1</p> <p>External monthly noise compliance monitoring reports by SLR covering Oct22-Feb23. Mar23 not yet available. A</p>	<p>Vibration monitoring is not expected as equipment that is proposed for use is not expected to generating vibration impacts (ref NAQMP 3.5.2). It states: <i>it is understood that no equipment likely to cause significant vibration, is proposed as part of the works. Furthermore, the nearest off-site buildings and receivers are located well over 30 m from any part of the project. Given this distance, there is no prospect of either cosmetic damage (as per BS 7385) or human response (OH&E Vibration Guideline) given the proposed construction activities. Due to the proximity of the site to nearest receivers and limited vibration generating activities, no vibration impacts are expected from the proposed construction or operational activities (Benbow 2020).</i></p> <p>Sighted SLR vibration report dated 20 October 2022 which reported that for the closest sensitive receiver, vibration is below this limit and provided distances from machinery to be maintained to ensure this level is achieved for relevant onsite personnel.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.4 CONSTRUCTION NOISE	During construction, the Proponent shall minimise noise emissions from plant and equipment, including bulldozers, cranes, graders, excavators and trucks, by installing and maintaining where reasonable and feasible, efficient silencers and low-noise mufflers (residential standard).	Discussion with EA and GECL. TALLAB-EA-10111-AQB070-0010 Noise and Air Quality Management Sub-Plan - 2022-02-03. TALLAB-GECL-10111-ABD080-0005.1 External monthly noise compliance monitoring reports by SLR covering Oct22-Feb23. Mar23 not yet available. TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. TALLAB-UGL-10111-ABD080-0002.C Includes of samples of weekly UGL enviro inspection checklists. Site inspection	Requirements set out in Table 5-1: Consolidated conditions, commitments, safeguards and management measures of Project number MP 07_0124 File NAQMP-Tallawarra-B-Revision-2.3 clean, 2022-02-03 Revision 2.3 21. Says all equipment will have noise emissions minimised by installing and maintaining where reasonable and feasible, efficient silencers and low-noise mufflers (residential standard). GECL advised Initial check of equipment coming to site and then the equipment gets a daily pre-start by the operator The measurement results indicate that the noise emissions from the site at the nearest residential receivers were inaudible and compliant with the Noise Management Level during the daytime period. TALLAB-GECL-10111-ABD080-0005.1: External monthly noise compliance monitoring reports by SLR covering Oct22-Feb23. Mar23 not yet available. All compliant. TALLAB-GECL-10111-ABD080-0002.1: Weekly enviro inspections for period covering Oct22-Feb23. Checklist items 23, 24, 27 and 45 address aspects of noise. TALLAB-UGL-10111-ABD080-0002.C: Includes a couple of samples of weekly UGL enviro inspection checklists, includes noise in item 4. Audit Day: meeting with GECL, equipment sighted. All equipment sighted appeared to be in good working order.	Compliant
	The Proponent shall design, construct, operate and maintain the project to ensure that the total cumulative noise contribution from the combined operation of the Tallawarra Stage A and Tallawarra Stage B power stations to the background acoustic environment does not exceed the noise limits specified in Table 1 and Table 2. The localities set out in Table 1 are those described in Appendix E of the document listed in condition 1.1c). For the purpose of Table 1, “residence” is defined as any residential dwelling existing at the date of this approval and any residential dwelling, once constructed, on land zoned R2 - Low Density Residential under the Wollongong Local Environmental Plan 2009 at the identified locality. The proposed residential areas set out in Table 2 are those illustrated in Appendix A of the Tallawarra Concept Plan Application – Preliminary Assessment Report prepared by Don Fox Planning and dated June 2009. For the purpose of Table 2, “residence” is defined as any residential dwelling once constructed, either prior to or post the construction and operation of the power station, on land zoned R2 - Low Density Residential or R5 - Large Lot Residential under the Wollongong Local Environmental Plan 2009 within the proposed residential areas.	TALLAB-GECL-60000-MDB030-0001 - GT AIR INLET & EXHAUST SYSTEMS - Rev C TALLAB-EA-10110-ACC030-0002 - EPC Contract for Tallawarra B Project - Annexure I - Performance Guarantees (extract only, includes 3.1 Air Emissions guarantee parameters; 3.2 Near Field Noise Guarantee; 3.3 Far Field Noise Guarantee; 4. Start Reliability Guarantee) - Rev 0 Appendix A of the Tallawarra Concept Plan Application – Preliminary Assessment Report prepared by Don Fox Planning and dated June 2020 TALLAWARRA B – NOISE REPORT FOR ENERGY AUSTRALIA (TALLAB-EA-22110-BDB080-0001.0.IFI TALLAB-EA-22110-BDB080-0001.0.IFI) sighted, discussion with Adam Emera Dep Proj director. GE Clough acoustic assessment. TALLAB-GECL-61810-MEC020-0003 TALLAB-GECL-61810-MEC020-0001.C2.IFR Plume Dispersion Device	TALLAB-GECL-60000-MDB030-0001 - GT AIR INLET & EXHAUST SYSTEMS - Rev C: 302T6600 Rev - Released Date : 2022/01/10 Page 3 of 12 states that the main function of the GT inlet and exhaust components arrangement are to.....Convey filtered air towards the inlet plenum with an acceptable pressure drop and reduce GT compressor noise (Inlet duct and silencer MLI A041).....p 9 says: <i>Acoustical baffles upstream of filtration reduce the noise from the air inlet for near field and far field purposes</i> . p10 says <i>Acoustical baffles inside the inlet silencer duct attenuate and avoid propagation of the noise generated by the gas turbine compressor</i> . Reviewed the 3.2 Near Field Noise Guarantee; 3.3 Far Field Noise Guarantee of the EPC Contract for Tallawarra B Project - Annexure I - Performance Guarantees. See locations in Appendix E of the Environmental Assessment and locations in EPC contract summary in document 'Noise locations'. This document does not provide sufficient evidence that the noise levels required in this condition. While it is noted the locations in the EPC Contract Performance Guarantees are closer than the locations in Table 1, it is also noted that this condition requires <i>the total cumulative noise contribution from the combined operation of the Tallawarra Stage A and Tallawarra Stage B power stations to the background acoustic environment does not exceed the noise limits specified in Table 1</i> , and the noise levels in the EPC Contract Performance Guarantees are higher than that required in Table 1 of this condition. sighted the TALLAWARRA B – NOISE REPORT FOR ENERGY AUSTRALIA (Benbow 11/4/22 v4). There are exceedances at certain points but table 4 provides tolerance The predicted levels comply with the Table 4 criteria – additional noise mitigation criteria (criteria 43 dB(A)). and therefore not needing to put in place additional measures at source eg building walls. EA\GECL believe at this point seeking to have the design is optimum, and that this will provide the basis for a reasonable and feasible assessment by the EPA. Sighted GE Clough acoustic assessment assign the the acoustic impact of a 3 new diffusers for the stack outlet of a 9F.05 Gas Turbine in simple cycle. This document is relative to the study to determine the impact of these diffusers on the flow noise in the diffuser. Showed diffuser 1 and 3 were preferable for noise generation. Plume Dispersion Device – Design Basis states: <i>As indicated in the acoustic testing report, three PDD models were acoustically tested with Diffuser Model 1 being found to generate the least noise (112dB(A)). Diffuser Model 1 was selected as the final PDD design.</i> Once in operation, need to validate - as below: * A reasonable and feasible assessment of physical and other mitigation measures for reducing noise at the source will be required after operational noise monitoring to the satisfaction of the	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.5 OPERATIONAL NOISE		<p>– Design Basis dated 25-05-2022</p> <p>TALLAB-EA-22110-BDB080-0001 - Tallawarra B - Noise Report for Energy Australia</p>	<p>TALLAB-EA-22110-BDB080-0001 - Tallawarra B - Noise Report for Energy Australia (BenBow Apr2022) for the final design of the plume dispersion device (PDD) and proposed open cycle gas turbine (OCGT). It found <i>The predicted noise level at the nearest existing residences is less than 35 dB(A) LAeq. This complies with the Maximum Allowable Noise limits Outside the Tallawarra Lands (criteria: 35-38dB(A) – Table 1 of the project approval).</i></p> <p><i>However, noise levels do not comply at Tallawarra lands (future residential receivers) in the northern residential area with the worst affected receiver predicted LAeq15min noise level of 40dB(A) (criteria: 38 dB(A) – Table 2 of the project approval). The predicted levels comply with the Table 4 criteria – additional noise mitigation criteria (criteria 43 dB(A)).</i></p> <p>Therefore:</p> <p><i>* At receiver controls would not likely be required.</i></p> <p><i>* A reasonable and feasible assessment of physical and other mitigation measures for reducing noise at the source will be required after operational noise monitoring to the satisfaction of the NSW EPA in accordance with condition 3.6 of the project approval. We covered design in the last audit - it was noted that EA\GECL believed at that point the design was optimum, and that it was to provide the basis for a reasonable and feasible assessment by the EPA. : This is at the time of the OEMP</i></p> <p>Therefore additional measures required to achieve compliance once operational.</p>	
	<p>If noise from an activity is substantially tonal, intermittent or impulsive in nature and contains major components within the low frequency range (as described in Noise Policy for Industry</p> <p>(NSW EPA, 2017)), 5 dB(A) must be added to the measured noise level when comparing the measured noise with the limits specified in Tables 1 and 2, in accordance with the requirements of the Noise Policy for Industry (NSW EPA, 2017).</p> <p>The noise limits set out in Table 1 and Table 2 do not apply under: wind speeds greater than 3 m/s (measured at 10 metres above ground level); or under stability category G temperature inversion conditions; or under stability category F temperature inversion conditions and wind speeds greater than 2 metres per second at 10 metres above the ground.</p> <p>Stability category temperature inversion conditions are to be determined by the sigma-theta method referred to in the Noise Policy for Industry (NSW EPA, 2017).</p> <p>The data to be used for determining meteorological conditions is that recorded by the meteorological weather station located at the Tallawarra Stage A power station.</p>			Not Triggered

Table 1 – Maximum Allowable Noise Limits Outside the Tallawarra Lands

Location	Day	Evening	Night	
	7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	6:00 pm to 10:00 pm on any day	10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays	
	LAeq(15 minute)	LAeq(15 minute)	LAeq(15 minute)	Lmax
Locality T2 Any residence on Carlyle Close, Wolpin Place, Curlew Place, and Crompton Street, in Kooragang	35 dB(A)	35 dB(A)	35 dB(A)	45 dB(A)
Locality T4 Any residence on Wyndarra Way and Malong Place in Kooragang	35 dB(A)	35 dB(A)	35 dB(A)	45 dB(A)
Locality ML#9 Any residence on The Boulevard, Park Crescent, Horsley Road and Newton Crescent in Oak Flats	38 dB(A)	38 dB(A)	38 dB(A)	45 dB(A)
Locality ML#10 Any residence on Reddall Parade and Henricks Parade in Mt Warrigal	38 dB(A)	38 dB(A)	38 dB(A)	45 dB(A)
Locality ML#11 Any residence in Haywards Bay	35 dB(A)	35 dB(A)	35 dB(A)	45 dB(A)

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																									
	<p>Table 2 - Noise Limits for Tallawarra Lands Residential Areas</p> <table> <tr> <th>Location</th><th>Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th>Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays</th><th></th></tr> <tr> <td></td><td>$L_{Aeq}(15 \text{ minute})$</td><td>$L_{Aeq}(15 \text{ minute})$</td><td>$L_{Aeq}(15 \text{ minute})$</td><td>$L_{Amax}$</td></tr> <tr> <td>Most affected residence - proposed northern residential area</td><td>If the Noise Policy for Industry (NSW EPA, 2017) Modification Factors for Low Frequency Noise apply - 40 dB(A), otherwise 38 dB(A)</td><td>If the Noise Policy for Industry (NSW EPA, 2017) Modification Factors for Low Frequency Noise apply - 40 dB(A), otherwise 38 dB(A)</td><td>If the Noise Policy for Industry (NSW EPA, 2017) Modification Factors for Low Frequency Noise apply - 40 dB(A), otherwise 38 dB(A)</td><td>50 dB(A)</td></tr> <tr> <td>Most affected residence - proposed central residential area</td><td>40 dB(A)</td><td>40 dB(A)</td><td>40 dB(A)</td><td>50 dB(A)</td></tr> <tr> <td>Most affected residence - proposed south-western residential area</td><td>41 dB(A)</td><td>41 dB(A)</td><td>41 dB(A)</td><td>51 dB(A)</td></tr> </table>	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays			$L_{Aeq}(15 \text{ minute})$	$L_{Aeq}(15 \text{ minute})$	$L_{Aeq}(15 \text{ minute})$	L_{Amax}	Most affected residence - proposed northern residential area	If the Noise Policy for Industry (NSW EPA, 2017) Modification Factors for Low Frequency Noise apply - 40 dB(A), otherwise 38 dB(A)	If the Noise Policy for Industry (NSW EPA, 2017) Modification Factors for Low Frequency Noise apply - 40 dB(A), otherwise 38 dB(A)	If the Noise Policy for Industry (NSW EPA, 2017) Modification Factors for Low Frequency Noise apply - 40 dB(A), otherwise 38 dB(A)	50 dB(A)	Most affected residence - proposed central residential area	40 dB(A)	40 dB(A)	40 dB(A)	50 dB(A)	Most affected residence - proposed south-western residential area	41 dB(A)	41 dB(A)	41 dB(A)	51 dB(A)			
Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays																										
	$L_{Aeq}(15 \text{ minute})$	$L_{Aeq}(15 \text{ minute})$	$L_{Aeq}(15 \text{ minute})$	L_{Amax}																									
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Most affected residence - proposed south-western residential area	41 dB(A)	41 dB(A)	41 dB(A)	51 dB(A)																									
3.6 OPERATIONAL NOISE	Where operational noise monitoring (as required by either conditions 4.1 or 4.5 of this approval) identifies any non-compliance with the operational noise limits specified under condition 3.5 of this approval, the Proponent shall prepare and submit to the Secretary for approval a report including, but not limited to: a) an assessment of all reasonable and feasible physical and other mitigation measures for reducing noise at the source;			Not Triggered																									
	Where operational noise monitoring (as required by either conditions 4.1 or 4.5 of this approval) identifies any non-compliance with the operational noise limits specified under condition 3.5 of this approval, the Proponent shall prepare and submit to the Secretary for approval a report including, but not limited to: b) Identification of the preferred measure(s) for reducing noise at the source;			Not Triggered																									
	Where operational noise monitoring (as required by either conditions 4.1 or 4.5 of this approval) identifies any non-compliance with the operational noise limits specified under condition 3.5 of this approval, the Proponent shall prepare and submit to the Secretary for approval a report including, but not limited to: c) evidence that the EPA is satisfied that the proposed noise mitigation measures are acceptable; and			Not Triggered																									
	Where operational noise monitoring (as required by either conditions 4.1 or 4.5 of this approval) identifies any non-compliance with the operational noise limits specified under condition 3.5 of this approval, the Proponent shall prepare and submit to the Secretary for approval a report including, but not limited to: d) location, type, timing and responsibility for implementation of the noise mitigation measure(s). The report is to be submitted to the Secretary within 90 days of undertaking the noise monitoring which has identified exceedances of the operational noise criteria specified under condition 3.5, unless otherwise agreed to by the Secretary. The Proponent shall implement all reasonable and feasible mitigation measures in accordance with the requirements of the Secretary.			Not Triggered																									

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																																														
3.7 ADDITIONAL NOISE MITIGATION MEASURES	<p>If, after the implementation of all reasonable and feasible source controls, as identified in the report required by condition 3.6, the noise generated by the combined operation of the Tallawarra Stage A and Tallawarra Stage B power stations exceeds the noise limits stipulated in Table 3 and Table 4 at the specified localities, upon receiving a written request from an affected landowner (unless that landowner has acquisition rights under condition 3.13 of this approval and has requested acquisition) the Proponent shall investigate and implement reasonable and feasible at-receiver noise mitigation measures such as double glazing, insulation, air conditioning and or other building acoustic treatments at any residence on the land, in consultation with the landowner, to ensure that the noise limits specified in condition 3.5 of this approval are not exceeded. If noise from an activity is substantially tonal, intermittent or impulsive in nature and contains major components within the low frequency range (as described in Noise Policy for Industry (NSW EPA, 2017)), 5 dB(A) must be added to the measured noise level when comparing the measured noise with the limits specified in Tables 3 and 4, in accordance with the requirements of the Noise Policy for Industry (NSW EPA, 2017).</p>			Not Triggered																																														
	<div><p>Table 3 – Additional Noise Mitigation Criteria Outside the Tallawarra Lands</p><table><tr><th>Location</th><th>Day 7:00 am to 8:00 pm Mondays to Saturdays 8:00 am to 8:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th>Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays</th></tr><tr><td></td><td>L_{req}(15 minute)</td><td>L_{req}(15 minute)</td><td>L_{req}(15 minute)</td></tr><tr><td>Locality T2 Any residence on Carlyle Close, Wollin Place, Coronet Place, and Crompton Street, Kooragang</td><td>40 dB(A)</td><td>40 dB(A)</td><td>40 dB(A)</td></tr><tr><td>Locality T4 Any residence on Wyndarra Way and Melrose Place in Kooragang</td><td>41 dB(A)</td><td>41 dB(A)</td><td>41 dB(A)</td></tr><tr><td>Locality ML#9 Any residence on The Boulevards, Park Crescent, Horsley Road and Newton Crescent in Oak Flats</td><td>41 dB(A)</td><td>41 dB(A)</td><td>41 dB(A)</td></tr><tr><td>Locality ML#10 Any residence on Raddall Parade and Henricks Parade in Mt Warrigal</td><td>40 dB(A)</td><td>40 dB(A)</td><td>40 dB(A)</td></tr><tr><td>Locality ML#11 Any residence in Haywards Bay</td><td>47 dB(A)</td><td>47 dB(A)</td><td>47 dB(A)</td></tr></table><p>Table 4 - Additional Noise Mitigation Criteria for Tallawarra Lands Residential Areas</p><table><tr><th>Location</th><th>Day 7:00 am to 8:00 pm Mondays to Saturdays 8:00 am to 8:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th>Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays</th></tr><tr><td></td><td>L_{req}(15 minute)</td><td>L_{req}(15 minute)</td><td>L_{req}(15 minute)</td></tr><tr><td>Most affected residence - proposed northern residential area</td><td>43 dB(A)</td><td>43 dB(A)</td><td>43 dB(A)</td></tr><tr><td>Most affected residence - proposed central residential area</td><td>43 dB(A)</td><td>43 dB(A)</td><td>43 dB(A)</td></tr><tr><td>Most affected residence - proposed south-western residential area</td><td>44 dB(A)</td><td>44 dB(A)</td><td>44 dB(A)</td></tr></table></div>	Location	Day 7:00 am to 8:00 pm Mondays to Saturdays 8:00 am to 8:00 pm Sundays and public holidays		Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays		L_{req}(15 minute)	L_{req}(15 minute)	L_{req}(15 minute)	Locality T2 Any residence on Carlyle Close, Wollin Place, Coronet Place, and Crompton Street, Kooragang	40 dB(A)	40 dB(A)	40 dB(A)	Locality T4 Any residence on Wyndarra Way and Melrose Place in Kooragang	41 dB(A)	41 dB(A)	41 dB(A)	Locality ML#9 Any residence on The Boulevards, Park Crescent, Horsley Road and Newton Crescent in Oak Flats	41 dB(A)	41 dB(A)	41 dB(A)	Locality ML#10 Any residence on Raddall Parade and Henricks Parade in Mt Warrigal	40 dB(A)	40 dB(A)	40 dB(A)	Locality ML#11 Any residence in Haywards Bay	47 dB(A)	47 dB(A)	47 dB(A)	Location	Day 7:00 am to 8:00 pm Mondays to Saturdays 8:00 am to 8:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays		L_{req}(15 minute)	L_{req}(15 minute)	L_{req}(15 minute)	Most affected residence - proposed northern residential area	43 dB(A)	43 dB(A)	43 dB(A)	Most affected residence - proposed central residential area	43 dB(A)	43 dB(A)	43 dB(A)	Most affected residence - proposed south-western residential area	44 dB(A)	44 dB(A)	44 dB(A)
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3.8 ADDITIONAL NOISE MITIGATION MEASURES	<p>The Proponent shall bear the costs of any additional at-receiver mitigation measures implemented at an affected property or land.</p>			Not Triggered																																														

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.9 ADDITIONAL NOISE MITIGATION MEASURES	The Proponent shall make a binding written offer to the landowner regarding the mitigation options that can be implemented at the property. If within three months of receiving this request from the landowner the Proponent and landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Secretary for resolution, whose decision shall be final. If the landowner refuses to accept the Proponent's offer within six months of the date of offer, the Proponent's obligations to provide additional mitigation measures at the property or land shall cease, unless otherwise agreed by the Secretary.			Not Triggered
3.10 ADDITIONAL NOISE MITIGATION MEASURES	If a landowner has agreed to, or a property has been the subject of the application of, at-source noise mitigation measures under condition 3.7, the Proponent's obligations to re-consider the land or property under the requirements of condition 3.7 shall cease, unless otherwise agreed by the Secretary.			Not Triggered
3.11 ADDITIONAL NOISE MITIGATION MEASURES	The requirements of conditions 3.7 to 3.10 do not apply if a negotiated agreement consistent with the requirements of Noise Policy for Industry (NSW EPA, 2017) exists between the Proponent and the			Not Triggered
3.12 ADDITIONAL NOISE MITIGATION MEASURES	The Proponent shall provide written notice to all landowners that are entitled to rights under condition 3.7 within 21 days of determining the landholdings to which these rights apply. This condition only applies where operational noise levels have been confirmed. For the purpose of this condition and condition 3.18, confirmation of operational noise levels means: a) completion of the operational noise review required under condition 4.1 of this approval; and			Not Triggered
	The Proponent shall provide written notice to all landowners that are entitled to rights under condition 3.7 within 21 days of determining the landholdings to which these rights apply. This condition only applies where operational noise levels have been confirmed. For the purpose of this condition and condition 3.18, confirmation of operational noise levels means: b) implementation of any source controls, as required under condition 3.6 of this approval, should the operational noise review indicate noise levels in excess of the operational noise limits specified in condition 3.5; and			Not Triggered
	The Proponent shall provide written notice to all landowners that are entitled to rights under condition 3.7 within 21 days of determining the landholdings to which these rights apply. This condition only applies where operational noise levels have been confirmed. For the purpose of this condition and condition 3.18, confirmation of operational noise levels means: c) monitoring of operational noise levels, as per the requirements under condition 4.5 of this approval, following the implementation of any source controls.			Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																											
3.13 LAND ACQUISITION CRITERIA	<p>If, after the implementation of all reasonable and feasible source controls, as identified in the report required by condition 3.6, the noise generated by the combined operation of the Tallawarra Stage A and Tallawarra Stage B power stations exceeds the noise limits specified in Table 5 and Table 6 at the specified localities, the Proponent shall, upon receiving a written request for acquisition from the landowner, within two years of the date of that landowner being notified of his/her acquisition rights, acquire the land in accordance with the procedures in conditions 3.14 to 3.16 of this approval.</p> <p>Any landowner that has agreed to, or property that has been the subject of, the application of additional noise mitigation measures under condition 3.7 of this approval waives the right to land acquisition. If noise from an activity is substantially tonal, intermittent or impulsive in nature and contains major components within the low frequency range (as described in Noise Policy for Industry(NSW EPA, 2017)),5 dB(A) must be added to the measured noise level when comparing the measured noise with the limits specified in Tables5 and 6, in accordance with the requirements of the Noise Policy for Industry(NSW EPA, 2017).</p>			Not Triggered																											
	<p>Table 5 - Land Acquisition Criteria for Residential Receivers Outside the Tallawarra Lands</p> <table><tr><th rowspan="2">Location</th><th>Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th>Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 6:00 am Sundays and public holidays</th></tr><tr><th>L_{avg}(15 minute)</th><th>L_{avg}(15 minute)</th><th>L_{avg}(15 minute)</th></tr><tr><td>Locality 1/2 Any residence on Carlyle Close, Wallin Place, Corvett Place and Crompton Street, Koonawarra</td><td>43 dB(A)</td><td>43 dB(A)</td><td>43 dB(A)</td></tr><tr><td>Locality 1/4 Any residence on Wyndarra Way and Manning Place in Koonawarra</td><td>44 dB(A)</td><td>44 dB(A)</td><td>44 dB(A)</td></tr><tr><td>Locality ML#9 Any residence on The Boulevarde, Park Crescent, Horsley Road and Newton Crescent in Oak Flats</td><td>44 dB(A)</td><td>44 dB(A)</td><td>44 dB(A)</td></tr><tr><td>Locality ML#10 Any residence on Reddall Parade and Henricks Parade in Mt Warrigal</td><td>43 dB(A)</td><td>43 dB(A)</td><td>43 dB(A)</td></tr><tr><td>Locality ML#11 Any residence in Haywards Bay</td><td>50 dB(A)</td><td>50 dB(A)</td><td>50 dB(A)</td></tr></table>	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 6:00 am Sundays and public holidays	L _{avg} (15 minute)	L _{avg} (15 minute)	L _{avg} (15 minute)	Locality 1/2 Any residence on Carlyle Close, Wallin Place, Corvett Place and Crompton Street, Koonawarra	43 dB(A)	43 dB(A)	43 dB(A)	Locality 1/4 Any residence on Wyndarra Way and Manning Place in Koonawarra	44 dB(A)	44 dB(A)	44 dB(A)	Locality ML#9 Any residence on The Boulevarde, Park Crescent, Horsley Road and Newton Crescent in Oak Flats	44 dB(A)	44 dB(A)	44 dB(A)	Locality ML#10 Any residence on Reddall Parade and Henricks Parade in Mt Warrigal	43 dB(A)	43 dB(A)	43 dB(A)	Locality ML#11 Any residence in Haywards Bay	50 dB(A)	50 dB(A)	50 dB(A)			Not Triggered
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<p>Table 6 - Land Acquisition Criteria for Tallawarra Lands Residential Areas</p> <table><tr><th rowspan="2">Location</th><th>Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th>Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 6:00 am Sundays and public holidays</th></tr><tr><th>L_{avg}(15 minute)</th><th>L_{avg}(15 minute)</th><th>L_{avg}(15 minute)</th></tr><tr><td>Most affected residence - proposed northern residential area</td><td>46dB(A)</td><td>46dB(A)</td><td>46dB(A)</td></tr><tr><td>Most affected residence - proposed central residential area</td><td>46 dB(A)</td><td>46 dB(A)</td><td>46 dB(A)</td></tr><tr><td>Most affected residence - proposed south-western residential area</td><td>47 dB(A)</td><td>47 dB(A)</td><td>47 dB(A)</td></tr></table>	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 6:00 am Sundays and public holidays	L _{avg} (15 minute)	L _{avg} (15 minute)	L _{avg} (15 minute)	Most affected residence - proposed northern residential area	46dB(A)	46dB(A)	46dB(A)	Most affected residence - proposed central residential area	46 dB(A)	46 dB(A)	46 dB(A)	Most affected residence - proposed south-western residential area	47 dB(A)	47 dB(A)	47 dB(A)			Not Triggered									
Location		Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 6:00 am Sundays and public holidays																											
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Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.14 LAND ACQUISITION CRITERIA	<p>Within three months of receiving a written request from a landowner with acquisition rights under condition 3.13 of this approval, the Proponent shall make a binding written offer to the landowner based on: (a) the current market value of the landowner's interest in the property at the date of this written request, as if the property was unaffected by the project which is the subject of the project application, having regard to the - i) existing and permissible use of the land, in accordance with the applicable planning instruments at the date of the written request, and ii) presence of improvements on the property and/or any approved building or structure which has been physically commenced at the date of the landowner's written request, and is due to be completed subsequent to that date; However, if at the end of this period, the Proponent and landowner cannot agree on the acquisition price of the land, and/or the terms upon which the land is to be acquired, then either party may refer the matter to the Secretary for resolution.</p> <p>Upon receiving such a request, the Secretary shall request the President of the NSW Division of the Australian Property Institute to appoint a qualified independent valuer or Fellow of the Institute, to consider submissions from both parties, and determine a fair and reasonable acquisition price for the land, and/or terms upon which the land is to be acquired.</p>			Not Triggered
	<p>Within 14 days of receiving the independent valuer's determination, the Proponent shall make a written offer to purchase the land at a price not less than the independent valuer's determination. If the landowner refuses to accept this offer within six months of the date of the Proponent's offer, the Proponent's obligations to acquire the land shall cease, unless otherwise agreed by the Secretary.</p>			Not Triggered
	<p>(b) the reasonable costs associated with -i) relocating within the Wollongong or Shellharbour local government areas, ii) obtaining legal advice and expert advice for determining the acquisition price of the land, and the terms upon which it is required; and</p>			Not Triggered
	<p>(c) reasonable compensation for any disturbance caused by the land acquisition process.</p>			Not Triggered
3.15 LAND ACQUISITION CRITERIA	<p>The Proponent shall bear the costs of any valuation or survey assessment requested by the independent valuer or the Secretary and the costs of determination referred to above.</p>			Not Triggered
3.16 LAND ACQUISITION CRITERIA	<p>If a landowner has already agreed to an offer of acquisition under the requirements of condition 3.13, or an offer of acquisition has been made under the requirements of condition 3.13 and refused by the landowner, the Proponent's obligations to re-consider the landowner's request or property under the requirements of condition 3.13 shall cease, unless otherwise agreed by the Secretary.</p>			Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.17 LAND ACQUISITION CRITERIA	The requirements of conditions 3.13 to 3.16 do not apply if a negotiated agreement consistent with the requirements of Noise Policy for Industry (NSW EPA, 2017) exists between the Proponent and the relevant landowner.			Not Triggered
3.18 LAND ACQUISITION CRITERIA	The Proponent shall provide written notice to all landowners that are entitled to rights under condition 3.13 within 21 days of determining the landholdings to which land acquisition rights apply. This condition only applies where operational noise levels have been confirmed in accordance with the definition in condition 3.12.			Not Triggered
3.19 DUST GENERATION	The Proponent shall construct and operate the project in a manner that minimises dust emissions from the site, including wind-blown and traffic generated dust. All activities on the site shall be undertaken with the objective of preventing visible emissions of dust from the site. Should such visible dust emissions occur at any time, the Proponent shall identify and implement all practicable dust mitigation measures, including cessation of relevant works, as appropriate, such that emissions of visible dust cease.	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-10111-AQB070-0010 - Noise and Air Quality Management Sub-Plan Monthly ER reports Nov22 to Jan 23 TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure Complaints Register Complaints register 2022 – 2023 TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Checklist items 8, 9, 10, 11, 31 and 45 address aspects of dust. TALLAB-UGL-10111-ABD080-0002.C samples of weekly UGL enviro inspection checklists. Site inspection to verify no dust emissions.	Section 6 of AQB070-0010 - Noise and Air Quality Management Sub-Plan contains measures to monitor dust. Table 5.1 gives a Consolidated conditions, commitments, safeguards and management measures which includes dust management. Reviewed monthly ER reports betw Apr & Sept 2022. Showed no n/cs, no complaints. It stated: There were no (0) non-compliance issues identified during the reporting period with respect to the Project Approval and implementation of associated construction-related management strategies. In relation to the induction, it stated: The ER conducted a detailed review of the content of the environment module of the site induction for Project works during Aug 2022. A series of toolbox talks were also reviewed. Based on the review it was deemed that the induction content package was a thorough and proactive measure to ensure an on-going high standard of environmental protection and compliance.. The complaints handling requirements are set out in TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure, as per the requirements of CoA 6.2. Viewed webpage: https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project and a phone number is available and published herein. Number checked. Sighted complaints register to Complaints register 2022 – 2023. No dust complaints in this audit period. TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Checklist items 8, 9, 10, 11, 31 and 45 address aspects of dust. TALLAB-UGL-10111-ABD080-0002.C Includes a couple of samples of weekly UGL enviro inspection checklists, includes dust in item 5.1.. Week checklists pick this up onsite - if the water carts are managing. The sweeper and watercart go over the roads, and the sweeper follows the watercart and cleans mud off the road. The 22/6/22 checklist noted that water carts and the water truck were being used as dust was observed on site.	Compliant
3.20 ODOUR	The Proponent shall not permit any offensive odour, as defined under section 129 of the Protection of the Environment Operations Act 1997, to be emitted beyond the boundary of the site.	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-10111-AQB070-0010 - Noise and Air Quality Management Sub-Plan Monthly ER reports Oct22 to Jan 23 TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure Complaints Register Complaints register 2022 – 2023 TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. TALLAB-UGL-10111-ABD080-0002.C Includes a couple of samples of weekly UGL enviro inspection checklists. Site inspection to verify no odour emissions.	The AQB070-0010 - Noise and Air Quality Management Sub-Plan contains measures to monitor and address any odours emitted. Table 5.1 gives a Consolidated conditions, commitments, safeguards and management measures which includes odour/air emissions management. Reviewed monthly ER reports betw Oct 2022 & Jan 2023. Showed no n/cs and no complaints relating to odour. It stated: There were no (0) non-compliance issues identified during the reporting period with respect to the Project Approval and implementation of associated construction-related management strategies. In relation to the induction, it stated: The ER conducted a detailed review of the content of the environment module of the site induction for Project works during Aug 2022. A series of toolbox talks were also reviewed. Based on the review it was deemed that the induction content package was a thorough and proactive measure to ensure an on-going high standard of environmental protection and compliance. The complaints handling requirements are set out in TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure, as per the requirements of CoA 6.2. Viewed webpage: https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project and a phone number is available and published herein. Number checked. TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Checklist does not address odour, due to the list being altered to address specific part of the site being active. TALLAB-UGL-10111-ABD080-0002.C Includes a couple of samples of weekly UGL enviro inspection checklists. Checklist does not address odour however it's because it's being tailored to the construction area being inspected. Sighted complaints register. No odour complaints.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status												
3.21 MANUFACTRUERS PERFORMANCE GUARANTEE	Prior to the installation of any fuel burning equipment associated with the project, the Proponent shall submit the manufacturer's performance guarantee for that equipment to the EPA. The documentation shall demonstrate to the EPA's satisfaction that the equipment, when operating at design load, will comply with the air discharge limits specified in this approval under condition 3.24.	Discussion with EA. TALLAB-EA-10110-ACC030-0002 - EPC Contract for Tallawarra B Project - Annexure I - Performance Guarantees (extract only, includes 3.1 Air Emissions guarantee parameters; 3.2 Near Field Noise Guarantee; 3.3 Far Field Noise Guarantee; 4. Start Reliability Guarantee) - Rev 0 Emails betw EA and EPA in May and June 2022.	Equipment is being manufactured, equipment testing will then produce relevant report. GECL performance guarantee sighted. TALLAB-EA-10110-ACC030-0002 - EPC Contract for Tallawarra B Project - Annexure I - Performance Guarantees (extract only), includes 3.1 Air Emissions guarantee parameters. States that it will meet ' <i>50mg/Nm3 from 50 to 100% GT Load</i> ' (note that 25ppm is 50mg/Nm3, see https://teeing.com/en/library/tools/ppm-mg3-converter) manufacturer's performance guarantee for equipment; Sighted evidence of submission to the EPA from EA to Marc Cooper, and Greg Newman dated Wednesday, 25 May 2022, and subsequent email responding to EPA queries. Email from Fergus Cowan of EPA dated 16 June 2022 to EA says 'Greg, Marc and I have just met and reviewed the additional information provided. EPA is satisfied that the information addresses the requirements of project approval number 07_0127 condition 3.21 manufacturers performance guarantee. EPA requires no further information.'	Compliant												
3.22 AIR DISCHARGE POINTS	For the purpose of this approval, air discharge/monitoring points are identified in Table 7. <table><caption>Table 7 - Identification of Air Monitoring and Air Discharge Points</caption><thead><tr><th>EPA Identification Number</th><th>Type of Monitoring Point</th><th>Type of Discharge Point</th><th>Description of Location</th></tr></thead><tbody><tr><td>1</td><td>Air emissions monitoring</td><td>Discharge to air</td><td>Stack Serving the Open Cycle Plant Turbine</td></tr><tr><td>2</td><td>Air emissions monitoring</td><td>Discharge to air</td><td>Stack Serving the Combined Cycle Plant Turbine</td></tr></tbody></table>	EPA Identification Number	Type of Monitoring Point	Type of Discharge Point	Description of Location	1	Air emissions monitoring	Discharge to air	Stack Serving the Open Cycle Plant Turbine	2	Air emissions monitoring	Discharge to air	Stack Serving the Combined Cycle Plant Turbine	n/a	Noted	
EPA Identification Number	Type of Monitoring Point	Type of Discharge Point	Description of Location													
1	Air emissions monitoring	Discharge to air	Stack Serving the Open Cycle Plant Turbine													
2	Air emissions monitoring	Discharge to air	Stack Serving the Combined Cycle Plant Turbine													
3.23 AIR DISCHARGE POINTS	The Proponent shall ensure that the design and construction of the project includes sampling positions that comply with TM-1 as set out in Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (EPA, 2016), or its latest version.	EMP - TALLAB-GECL-10110-ABD040-0002 TALLAB-TALLAB-GECL-6000-MDB030-001.C.IFR TALLAB-GECL-10111-ABD130-0001 - Rev 0 - Vertical Ladder Access TALLAB-EA-10111-ABD130-0001 - Rev 0 - EA Technical Query - Stack Instrumentation (TALLAB-GECL-TQ-MEC-0007) TALLAB-EA-10111-ABD130-0001.0.IFI TALLAB-EA-10111-ABD080-0004 - Independent Audit EA Supporting Records - 3.23 Air Discharge Points - TALLAB-GECL-TQ-MEC-0007 Stack Instrumentation 27-Sep-22 - GE Response 27Sep22 to EA Response received on 22June22	Plan and details of instrumentation viewed in TALLAB-GECL-10111-ABD130-0001 - Rev 0 - Vertical Ladder Access (Pg 22 of pdf). Showed 'Instruments Located at Stack Top Platform' plan and table indicating 'EPA test ports - for manual sampling' Sighted TQ for stack instrumentation (TALLAB-EA-10111-ABD130-0001.0.IFI dated 13/4/22)- GE to provide further advice on design TALLAB-EA-10111-ABD080-0004 - Independent Audit EA Supporting Records - 3.23 Air Discharge Points - TALLAB-GECL-TQ-MEC-0007 Stack Instrumentation 27-Sep-22 - GE Response 27Sep22 to EA Response received on 22June22 states that "... the NSW EPA guidelines talks to sampling methods for the CEMS unit, which is different to the manual sampling ports (or sampling location) which GE has already confirmed complies to AS4323.1 as per response within this TQ dated 26th April 2022. Regarding the sampling methods by the CEMS for CO, CO2, NOX, O2 and Flowrate as per the requirements of the NSW EPA guidelines attached (pages 11 and 12), Locionni/GE confirm from Table 2 below that for CEM-2, 3, 4, 6 the Horiba ENDA 5620 stipulated in the OTS in Section 4.1.14 complies with the USEPA methods mentioned..."	Compliant												
3.24 DISCHARGE LIMITS	The Proponent shall design, construct, operate and maintain the project to ensure that for each turbine stack discharge/monitoring point identified in Table 7, the concentration of each pollutant listed in Table 8 is not exceeded at that point. The condition only applies to the normal operation of a turbine and, to avoid any doubt, does not apply during the start-up and shut- down period for a turbine. The condition continues to apply to other turbines if they are operational during these periods. <table><caption>Table 8 – Maximum Allowable Discharge Concentration Limits (Air)</caption><thead><tr><th>Pollutant</th><th>Unit of measure</th><th>100 percentile limits</th><th>Reference conditions</th><th>Averaging Period</th></tr></thead><tbody><tr><td>Nitrogen dioxide (NO₂) or nitric oxide (NO) or both, as NO₂ equivalent</td><td>ppm</td><td>25</td><td>Dry, 273 K, 101.3 kPa, 15% O₂</td><td>1-hour</td></tr></tbody></table>	Pollutant	Unit of measure	100 percentile limits	Reference conditions	Averaging Period	Nitrogen dioxide (NO ₂) or nitric oxide (NO) or both, as NO ₂ equivalent	ppm	25	Dry, 273 K, 101.3 kPa, 15% O ₂	1-hour	Discussion with EA. TALLAB-EA-10110-ACC030-0002 - EPC Contract for Tallawarra B Project - Annexure I - Performance Guarantees (extract only, includes 3.1 Air Emissions guarantee parameters; 3.2 Near Field Noise Guarantee; 3.3 Far Field Noise Guarantee; 4. Start Reliability Guarantee) - Rev 0	Equipment is being manufactured, equipment testing will then produce relevant report. GECL performance guarantee sighted. TALLAB-EA-10110-ACC030-0002 - EPC Contract for Tallawarra B Project - Annexure I - Performance Guarantees (extract only), includes 3.1 Air Emissions guarantee parameters. States that it will meet ' <i>50mg/Nm3 from 50 to 100% GT Load</i> ' (note that 25ppm is 50mg/Nm3, see https://teeing.com/en/library/tools/ppm-mg3-converter)	Compliant		
Pollutant	Unit of measure	100 percentile limits	Reference conditions	Averaging Period												
Nitrogen dioxide (NO ₂) or nitric oxide (NO) or both, as NO ₂ equivalent	ppm	25	Dry, 273 K, 101.3 kPa, 15% O ₂	1-hour												

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.25 MASS LIMITS	The Proponent shall design, construct, operate and maintain the project to ensure that the total cumulative load of nitrogen dioxide or nitric oxide, or both as nitrogen dioxide, from the combined discharges from the Tallawarra Stage A and Tallawarra Stage B power stations does not exceed 900 tonnes per annum. This mass limit also applies to emissions during start-up and shut-down periods.	EMP - TALLAB-GECL-10110-ABD040-0002 TALLAB-TALLAB-GECL-6000-MDB030-001.C.IFR TALLAB-GECL-10111-ABD130-0001 - Rev 0 - Vertical Ladder Access TALLAB-EA-10111-ABD130-0001 - Rev 0 - EA Technical Query - Stack Instrumentation (TALLAB-GECL-TQ-MEC-0007)	Checked 'EMP - TALLAB-GECL-10110-ABD040-0002' and 'TALLAB-TALLAB-GECL-6000-MDB030-001.C.IFR' - couldn't find anything in here on the mass limit for NO2 or NO. Annexure I - Performance Guarantees (extract only), includes 3.1 Air Emissions guarantee parameters. States that it will meet '50mg/Nm3 from 50 to 100% GT Load'. Have the the Performance Guarantee which sets NOX limits, have controls to monitor the air annual usage of the unit is a function of how much it runs. needs to be calc'd over a particular time. Will have in place an operational control to manage how much is produced, will have complex fwd positions of the run profiles of the plant and will monitor. The plant is a peaking plant, have the capacity to measure and it will be a load based limits. As production of the plant changes. Will will have continuous monitoring of the combined discharges from the Tallawarra Stage A and Tallawarra Stage B power stations to does not exceed 900 tonnes per annu for emissions during start-up and shut-down periods. Noted that GTs of this type are typically sub 10ppm. The guaranteed limit is 25 but in reality this will be sub 10. and the EPC contract provides for the retuning of the equipment if there is any drop. What is happening now is there is a shut down if the Talla A even approaches the 25ppm.	Compliant
3.26 AVIATION SAFETY	The stacks associated with the project must be marked and lit in accordance with the requirements of the CASA.	Site visit	There are no stacks	Not Triggered
	Prior to the commencement of construction of the project, other than site preparation works, or as otherwise agreed by the Secretary, the Proponent shall prepare the following studies: a) Fire Safety Study for the project, covering relevant aspects detailed in the Department's publication Hazardous Industry Planning Advisory Paper No. 2 - Fire Safety Guidelines and the New South Wales Government's Best Practice Guidelines for Contaminated Water Retention and Treatment Systems. The Study shall include a strict maintenance schedule for essential services and other safety measures. The Study shall meet the requirements of the NSW Fire Brigades;	TALLAB-GECL-20230-BDD110-2001 - Fire System - Fire Safety Study dated 27/1/22 TALLAB-NSWG-10111-ABD130-0001.0.IFI TWB-CPAP-EA-0116 - Fire Protection System - (Response to EA Letter LET-EA-0044).pdf 4562-TN-0000-G-0002-comment 06Oct2022.pdf Letter Out - Tallawarra B - FSS Respons.pdf TALLAB-EA-10111-ABD080-0003 - Independent Audit EA Supporting Records - 3.27 Hazards and Risk - Pre-Construction hazard Studies - Fire Safety TALLAB-GECL-20230-BDD110-2001 Rev C1 - Fire System - Fire Safety Study TALLAB-NSWG-10111-ACA140-0004 - NSWG FRNSW Letter - Review of Fire Safety Study - 5th December 2022 TALLAB-NSWG-10111-ACA140-0005 - NSWG FRNSW Letter - Review of Fire Safety Study (FSS) - 8th March 2023	EA comments: Fire Safety Study (EA - Adam, Nolan). Draft in TeamBinder. Provided comments back to GECL, outstanding issue for transformer deluge. Reviewed TALLAB-GECL-20230-BDD110-2001 - Fire System - Fire Safety Study, dated 27/1/22 (revB). Prepared prior to construction. Report mentions both Department's publication Hazardous Industry Planning Advisory Paper No. 2 - Fire Safety Guidelines and the New South Wales Government's Best Practice Guidelines for Contaminated Water Retention and Treatment Systems. Document includes both the existing and a proposed updated fire services maintenance programs. FRNSW Letter dd 08Mar23 Re Review of Fire Safety Sudy (FSS) states "...FRNSW have reviewed the submitted FSS and confirm the current version of the FSS (2123006R009_H) dated 20 January 2023, will meet the requirements of FRNSW..."	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.27 HAZARDS AND RISK - PRE-CONSTRUCTION HAZARD STUDIES	b) a Hazard and Operability Study (HAZOP) for the project, chaired by an independent, qualified person or team. The Study shall be carried out in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 8 - HAZOP Guidelines and shall, in particular, address the early shut-down procedures and systems in the event of a gas leak and recommended measures for early shut-down in the event of an incident. The HAZOP report shall be accompanied by a program for the implementation of all recommendations made in the HAZOP report. If the Proponent intends to defer the implementation of a recommendation, justification must be included;	<p>TALLAB-GECL-21970-BDB080-0001 - Tallawarra B Power Station Project Balance of Plant HAZOP Report</p> <p>View master action register and the close out sheet; shows close out with spec and tech requirement.</p> <p>TALLAB-GECL-10111-ACA140-0003.0.IFI memo dated 4/5/22 with reference to it being prepared in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 8 - HAZOP Guidelines</p> <p>TALLAB-GECL-22220-BDB070-2001 Basis of Design</p> <p>TALLAB-GECL-22220-MDB070-2002 Operating and Control Philosophy</p> <p>TALLAB-GECL-22220-MMB040-2002 Cause and Effect</p> <p>Further discussion with with Adam Emera (CP Eng and design lead) 31/5/22</p>	<p>EA comments: HAZOP (EA, GECL) - discuss with Adam. Some HAZOPs already in Team Binder</p> <p>Reviewed TALLAB-GECL-21970-BDB080-0001 - Tallawarra B Power Station Project Balance of Plant HAZOP Report. First draft 18/12/21. Prepared prior to construction. Rev B issued for use on 18/3/22</p> <p>Nothing to state it was carried out in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 8 - HAZOP Guidelines</p> <p>Sighted separate memo, dated 4/5/22 from Exida, which says 'Exida has conducted the Tallawarra B Power Station Project Balance of Plant HAZOP in accordance with the Australian Standard AS IEC 61882-2017 as stated in Section 1.3 of the report' and 'The methodology followed also aligns with the Hazardous Industry Planning Advisory Paper (HIPAP) No. 8 - HAZOP Guidelines (2011). HIPAP No. 8 was not specifically referenced in the report as AS IEC 61882-2017 is the current Standard in Australia.'</p> <p>GE Construction target specific areas of the plant, ran over 4 week period. facilitator went through the systems. went through each putting the works together. HAZOP workshops, any actions were parked. GECL put the register together, worked through designs, demonstrate through engineering. eg action 30, height of vent, get close out sheet verifying action being implemented. Verified.</p> <p>Viewed master action register and the close out sheet. TALLAB-GECL-10111-ABB010-0002.</p> <p>Operating and Control Philosophy 2022-05-04 Sectin 9.1 ESD-0: Plant Emergency Shutdown and Blowdown covers the operation of the ESD-0, which is the highest shutdown level and a will result in total facility shutdown with simultaneous blowdown. The purpose of an ESD-0 is to limit escalation of a loss of containment/fire incident, thereby protecting the safety of personnel, plant integrity/assets, environment, and reducing financial impact.</p> <p>Covers the 4 items which the ESD-0 is initiated by: ☐ GRS Fire Detection 200N HOLD 2; ☐ GRS Gas Detection (Leak) 200N HOLD 2; ☐ Manual Push Button (GRS field); ☐ Power Island initiated shutdown. Adam advised the typical design of the valve is to starve the system of gas. all the functionality was detailed in a workshop and EA is cmfortable with its design.</p>	Compliant
	c) a Final Hazard Analysis prepared in accordance with the Department's Hazardous Industry Advisory Paper No.6 – Guidelines for Hazard Analysis; and	<p>TALLAB-GECL-10111-AQB040-2001 - HAZID Report - Balance of Plant Detailed Design HAZID Workshop Report</p> <p>TALLAB-GECL-10111-ACA140-0003.0.IFI memo dated 4/5/22 with reference to it being prepared in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 8 - HAZOP Guidelines and Advisory Paper No.6 – Guidelines for Hazard Analysis.</p>	<p>Reviewed TALLAB-GECL-10111-AQB040-2001 - HAZID Report - Balance of Plant Detailed Design HAZID Workshop Report, Rev C dated 10-Nov-21. Prepared prior to construction, but not final.</p> <p>Adam Emera as EA's design lead engineer, advised comfortable with the process followed, the closeout process was in place and were quite extensive</p> <p>Steven McGarry (exida) advised the process and report prepared in accordance with the Department's Hazardous Industry Advisory Paper No.6 – Guidelines for Hazard Analysis.</p>	Compliant
	d) a Construction Safety Study for the project, prepared in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 7 - Construction Safety Study Guidelines.	<p>TALLAB-GECL-30000-CDB080-0001 - Tallawarra B Constructability #2 - 24th March 2022 - Review Checklist – Civil Rev 0</p> <p>TALLAB-GECL-60000-MDB080-0005 - Tallawarra B Constructability #2 - 24th March 2022 - Review Checklist - Pipe Rack – Rev 0</p> <p>info from CloughGE, minutes, memo from GECL</p> <p>TALLAB-GECL-10111-ACA140-0004.0.IFI memo dated June 6, 2022 with reference to it being prepared in accordance with the Department's publications</p> <p>Email from GEGL engineering manager Brett Pratt dated 7/6/22 advising "GECL are carrying out Constructability reviews as part of the requirement for Hazardous Industry Planning Advisory Paper No 7 Construction Safety and as demonstration within the wider HIPAP integration".</p>	<p>Reviewed the two documents listed in the doc register. No reference to safety study. Note that it says GECL is <i>conducting constructability reports for separate pieces of equipment</i> - this seems to be a separate matter to this requirement though. Also a note on <i>not going to have one single report</i>; and that <i>Safety studies are inherent in the HAZOP documents</i>. This may be the case, but there is a condition here with the specifics that DPIE has set in this conditon.</p> <p>Not sure how project is going to demonstrate compliance .</p> <p>Couldn't find 'CORP-CON-CHK-G-004 - Talla-b Constructability Review - Pipe Rack.docx'</p> <p>Targetted constructability workshops, through a facilitator capture site works, methodology, each w/shop ahs a set of actions, minutes, up to #5. Doing 1 workshop a week, will send info from CloughGE, minutes, memo from GECL .</p> <p>GECL email advises its process is in accordance with the Department's Hazardous Industry Advisory Paper No. 7 - Construction Safety Study Guidelines.</p> <p>Adam Emera as EA's design lead engineer, advised comfortable with the process followed, the closeout process was in place and were quite extensive</p>	Compliant
	<p>Prior to the commencement of commissioning of the project, the Proponent shall prepare the following studies:</p> <p>a) a comprehensive Emergency Plan and detailed emergency procedures for the project. The Plan shall be prepared in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 1 - Industry Emergency Planning Guidelines; and</p>	n/a - project is not yet being commissioned.	n/a - project is not yet being commissioned.	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.28 HAZARDS AND RISK - PRE-COMMISSIONING HAZARDS STUDIES	b) a Safety Management System, covering all on-site operations and any associated transport activities involving hazardous materials. The System shall clearly specify all safety-related procedures, responsibilities and policies, along with details of mechanisms for ensuring adherence to safety procedures. The System shall be consistent with the Department's publication Hazardous Industry Planning Advisory Paper No. 9 - Safety Management.	n/a - project is not yet being commissioned.	n/a - project is not yet being commissioned.	Not Triggered
3.29 BUNDING AND SPILL MANAGEMENT	The Proponent shall store and handle all dangerous goods, as defined by the Australian Dangerous Goods Code, strictly in accordance with: a) all relevant Australian Standards;	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP) TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Inventory of quantities of dangerous goods stored at site and evidence that these are stored and handled in accordance with Aust Stds & relevant guidelines ER montly reports Oct22-Jan23 Complaints register 2022 – 2023 Site Weekly Environmental Inspection Chcklist TALLAB-GECL-10111-ABD080-0003 - Independent Audit GECL Supporting Records - 3.29 GE Internal Audit TALLAB-UGL-10111-ABD080-0003 - Independent Audit UGL Supporting Records – 3.29 Bunding and Spill Management Site inspection Audit Day: Inspect DG stores (GECL records/mainfest, checks during site visit). MSDS availabe.	The project requires a License for the storage, transport and use of dangerous goods (required under the Dangerous Goods Act 1974 and Dangerous Good Regulation 1999). TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) Version-2.2, 2022-01-18 Revision 2.2 doesn't address this condition, but does say (p 12) that Hazardous material will be stored and handled in line with the relevant legislation and guidelines. There is a tabulation of potential waste generation streams and waste management measures, for tracking of waste and offsite disposal, and a process for classificaiton and management of hazardous materials. Reviewed monthly ER reports Oct 2022 to Jan 2023. Showed no n/cs, no complaints, n/cs or incidences for the site relating to water management. Any chem coming to site must go through the procurement team and be onboarded to ensure all this in place. Hazchem register + haz goods register reviewed. DG register gives classes, codes, quantities, SDS etc. Sighted Stock Register from ChemAlert. ChemAlert has the details of the chemicals. get traffic alert, SDS, risk assessments, has 1 page use guides. all the manifests are in there. Risk asessment info is also on chem alert. Manifest gives what, manufacture and quantity. TALLAB-GECL-10111-ABD080-0002.1: Weekly enviro inspections for period covering Oct22-Feb23. Checklist varies dependant on areas being inspected. Earlier reports cover bunding as reviewing stores, later ones do not (except re stockpiles). Sighted full GECL checklists which covers mgt of chemicals and bunding, fuel, leaks and spill kits . TALLAB-GECL-10111-ABD080-0003.1: Internal audit covers hazardous waste only, not haz goods in general. TALLAB-UGL-10111-ABD080-0003.C Internal audit includes haz goods in section 7 in detail. TALLAB-UGL-10111-ABD080-0002.C Includes a couple of samples of weekly UGL enviro inspection checklists, includes hazardous goods management in section 7. Onsite viewed waste, DG storage, SWMS, all in order. Induction covers all fuels and chemicals must be bunded at all times	Compliant
	b) For liquids, a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP) TALLAB-GECL-10111-ABD080-0003 - Independent Audit GECL Supporting Records - 3.29 GE Internal Audit; TALLAB-UGL-10111-ABD080-0003 - Independent Audit; UGL Supporting Records – 3.29 Bunding and Spill Management Site inspection Audit Day: Inspect DG stores	TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) Version-2.2, 2022-01-18 Revision 2.2 doesn't address this condition, but does say (p 12) that Liquid waste will be stored in appropriate containers or bunded areas. TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP) Revision-2.5, 2022-01-18 Revision 2.5 says Appropriately bunded areas will be provided to store and manage fuels and oils on the project site. Spill containment equipment will be available on site at all times to prevent and contain accidental spills near local waterways. Sighted 3 x liquid stores and GECL advised of the quantities stored vs capacity. Have 880L store, 1000L capacity therefore 20% additional to requirements. Also a bunded fuel tank Different classification of goods stored seperately in AS cabinets. containers and bunded areas. TALLAB-GECL-10111-ABD080-0003.1: Internal audit covers hazardous waste only, Sighted full GECL checklists which covers mgt of chemicals and bunding, fuel, leaks and spill kits . TALLAB-UGL-10111-ABD080-0003.C Internal audit includes haz goods in section 7 in detail. TALLAB-UGL-10111-ABD080-0002.C Includes a couple of samples of weekly UGL enviro inspection checklists, includes hazardous goods management in section 7.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	c)the Environment Protection Manual for Authorised Officers: Bunding and Spill Management, technical bulletin (Environment Protection Authority, 1997). In the event of an inconsistency between the requirements listed from a) to c) above, the most stringent requirement shall prevail to the extent of the inconsistency.	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP) TALLAB-GECL-10111-ABD080-0003 - Independent Audit GECL Supporting Records - 3.29 GE Internal Audit Site inspection Audit Day: Inspect DG stores	Any chem coming to site must go through the procurement team and be onboarded to ensure all this in place. ChemAlert has the details of the chemicals. get traffic alert. Site inspection:SDS, risk assessments, has 1 page use guides. all the manifests are in there. Risk assessment info is also on chem alert. Manifest gives what, manufacture and quantity. TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) Version-2.2, 2022-01-18 Revision 2.2 doesn't address this condition, but does say (p 12) that Hazardous material will be stored and handled in line with the relevant legislation and guidelines and Liquid waste will be stored in appropriate containers or bunded areas. There is a tabulation of potential waste generation streams and waste management measures, for tracking of waste and offsite disposal, and a process for classification and management of hazardous materials. TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP) Revision-2.5, 2022-01-18 Revision 2.5 says Appropriately bunded areas will be provided to store and manage fuels and oils on the project site. Spill containment equipment will be available on site at all times to prevent and contain accidental spills near local waterways. TALLAB-GECL-10111-ABD080-0003.1 Internal audit covers hazardous waste only. Sighted full GECL checklists which covers mgt of chemicals and bunding, fuel, leaks and spill kits .	Compliant
3.30 WATER QUALITY AND SOIL IMPACTS	Except as may be provided by an Environment Protection Licence for the project, the Proponent shall comply with section 120 of the Protection of the Environment Operations Act 1997 which prohibits the pollution of waters.	Monthly ER reports Oct 22 to Jan 23 Complaints register 2022 – 2023 TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. TALLAB-UGL-10111-ABD080-0004 - Independent Audit UGL Supporting Records – 3.30, 3.31 Water Quality and Soil Impacts Checklists Environmental Inspections, soil & water sampling & testing results after rain events & for excavations >1m, PSECP TALLAB-GECL-10111-ABD080-0002 - Independent Audit GECL Supporting Records - 3.19, 3.20, 3.3, 3.4 Environmental Inspections Audit Day: inspection of checklists, site management	Reviewed monthly ER reports betw Oct 2022 and Jan 2023. Showed no n/cs, no complaints, n/cs or incidences for the site. In relation to the induction, it stated: The ER conducted a detailed review of the content of the environment module of the site induction for Project works during Aug 2022. A series of toolbox talks were also reviewed. Based on the review it was deemed that the induction content package was a thorough and proactive measure to ensure an on-going high standard of environmental protection and compliance. Sighted complaints register. Nothing related to water pollution. TALLAB-UGL-10111-ABD080-0004.C Contains soil samples. These sampled for ASS, ENM criteria and asbestos. All in order. Weekly checklists Jan-Mar23 showing S&W mgt controls monitored. Mthly summary 2 March 23 reports no incidences, no unauthorised water discharges, GECL Site Weekly Environmental Inspection Chcklists which cover ESC, PESCP, incl maintenance.. Site inspection of GPRS area has implemented the new PESCP, which has better water management through site. Drains in power island are maintained with sediment controls in place. Areas of disturbance around towers is being rehab'd	Compliant
3.31 WATER QUALITY AND SOIL IMPACTS	Soil and water management controls shall be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction activities, in accordance with Landcom's (2006) Managing Urban Stormwater: Soils and Construction.	Monthly ER reports Oct 22 to Jan 23 Complaints register 2022 – 2023 Checklists Environmental Inspections, soil & water sampling & testing results after rain events & for excavations >1m, PSECP TALLAB-GECL-10111-ABD080-0002 - Independent Audit GECL Supporting Records - 3.19, 3.20, 3.3, 3.4 Environmental Inspections Audit Day: inspection of site inspection checklists, Controlled activity guideline compliance, north drain maintenance to prevent blockages, PESCP measures are appropriately designed, installed and maintained ASS soil verification from UGL dated 14/3/23	SWMP-Tallawarra-B-Revision-2.5, 2022-01-18 Revision 2.5 contains a series of safeguards and management measures, including reference to the Blue Book, seeks to 'c) demonstration that the proposed erosion and sediment control measures will conform with, or exceed, the relevant requirements of Managing Urban Stormwater: Soils and Construction (Landcom, 2004).' Sighted complaints register. Nothing related to water pollution.Reviewed monthly ER reports betw Apr & Sept 2022. Showed no n/cs, no complaints, n/cs or incidences for the site. It stated: It is considered that the site was appropriately managed with the continuation of a range of environmental protection measures to • Reduce potential soil erosion and sedimentation; • Protect water quality within Lake Illawarra. A Progressive erosion and sediment control plan (PESCP) is managed by GECL and UGL. This plan shows what is planned to be in place as construction progresses across the site. TALLAB-UGL-10111-ABD080-0004.C Contains soil samples. These sampled for ASS, ENM criteria and asbestos. All in order. Weekly checklists Jan-Mar23 showing S&W mgt controls monitored. Mthly summary 2 March 23 reports no incidences, no unauthorised water discharges, TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Erosion and sediment controls are well covered by both earlier and later inspection reports. TALLAB-UGL-10111-ABD080-0005.C Weekly enviro inspection checklist includes a section 1 Soil & Water Management with 4 checklist items. TALLAB-VAN-10111-ABB010-0001-17.0 to 20.0 Enviro Rep monthly reports report suggest and confirm progressive improvements of ERSED controls. Site inspection of GPRS area has implemented the new PESCP, which has better water management through site. Drains in power island are maintained with sediment controls in place. Areas of disturbance around towers is being rehab'd Sighted ASS soil verification email dated 14/3/23 from Construction Sciences lab to City Coast services EA & UGL and report stating soil at site is safe to store onsite	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status									
3.32 WATER QUALITY AND SOIL IMPACTS	In the event that a combined cycle plant is constructed, the Proponent shall design, construct, operate and maintain the plant so that the combined cooling water discharge from the Tallawarra Stage A and B plants into the outlet canal, downstream of the attemperation mixing zone, does not exceed 35 degrees Celsius.	Discussion with EA, response to data request.	EA advised as N/A as it is constructing an OCGT	Not Triggered									
3.33 WATER QUALITY AND SOIL IMPACTS	<p>In the event that a combined cycle plant is constructed, the Proponent shall ensure that the concentration of biocide in the cooling water discharge into the outlet canal, downstream of the attemperation mixing zone, does not exceed the limits set out in Table 9.</p> <table><caption>Table 9 - Biocide Concentration Limits in Cooling Water Discharge</caption><tr><th>Pollutant</th><th>100 Percentile Concentration Limit</th><th>Reference Conditions</th></tr><tr><td>Hydrex 2470</td><td>0.1 milligrams per litre</td><td>Five minutes after the start of the blowdown discharge from the cooling</td></tr><tr><td>Registered/permited product containing paracetic acid</td><td>0.1 milligrams per litre</td><td>Five minutes after the start of the blowdown discharge from the cooling</td></tr></table>	Pollutant	100 Percentile Concentration Limit	Reference Conditions	Hydrex 2470	0.1 milligrams per litre	Five minutes after the start of the blowdown discharge from the cooling	Registered/permited product containing paracetic acid	0.1 milligrams per litre	Five minutes after the start of the blowdown discharge from the cooling	Discussion with EA, response to data request.	EA advised as N/A as it is constructing an OCGT	Not Triggered
Pollutant	100 Percentile Concentration Limit	Reference Conditions											
Hydrex 2470	0.1 milligrams per litre	Five minutes after the start of the blowdown discharge from the cooling											
Registered/permited product containing paracetic acid	0.1 milligrams per litre	Five minutes after the start of the blowdown discharge from the cooling											
3.34 HYDROLOGY	The Proponent shall utilise existing crossings over Yallah Creek and shall avoid constructing temporary watercourse crossings for heavy vehicles and machinery.	TALLAB-EA-10111-AQB070-0012 - Traffic Management Sub-Plan (TMP) - See OSOM appendix Monthly ER reports Oct22 to Feb 23 TALLAB-GECL-10111-ABD080-0006 - Independent Audit GECL Supporting Records - 3.35 Hydrology - Yallah Bay Road Discuss onsite Site inspection	Traffic Management Plan reviewed. Says <i>In accordance with CoA 3.34, existing crossings over Yallah Creek, Yallah Gully and the power station canal will be utilised and no temporary watercourse crossings will be constructed for heavy vehicles and machinery.</i> reviewed OSOM Appendix, does not indicate any new roads to be constructed. There will not be any new crossings over Yallah Ck. No issues raised in ER reports in relation to Yallah Crk Rd Site inspection found all in order	Compliant									
3.35 HYDROLOGY	The Proponent shall ensure that any construction activities within 40 metres of the bank of Yallah Creek, and any other watercourses, are consistent with Controlled Activity Guidelines (Department of Water and Energy, 2008) including, but not limited to, 'In-stream Works', 'Outlet Structures', 'Riparian Corridors', 'Vegetation Management Plans', and 'Watercourse Crossings', or any guidelines which supersede these documents.	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-20210-BLD020-0001 - Tallawarra B - Site Setout - Rev 0 Monthly ER reports Oct22 to Feb 23 TALLAB-GECL-10111-ABD080-0006 - Independent Audit GECL Supporting Records - 3.35 Hydrology - Yallah Bay Road Discuss onsite Site inspection	Notes says that 'Switchyard laydown area and area UGL will be occupying, and to see "site setout.pdf". It's not clear from this where the bank of Yallah Creek is. CEMP plan (app B) shows the riparian corridor buffer, 50m no-go area Reviewed monthly ER reports for Oct 2022 to Jan 2023. Showed no n/cs, no complaints. Photos showed Yallah Ck was fenced off and being protected (Jan2023). The documentation contained in TALLAB-GECL-10111-ABD080-0006 - Independent Audit GECL Supporting Records - 3.35 Hydrology - Yallah Bay Road include Council Consent for the period 14Jun22 to 14 September 2022 for the Works, a Compliance Certificate issued by Soto Group for the temporary reinforcement of the culverts over YBR to allow heavy transport, and a map identifying the culverts concerned. SWMP-Tallawarra-B-Revision-2.5, 2022-01-18 Revision 2.5 contains Table 3-1: Controlled activities and controls to be implemented - site inspection found all in order	Compliant									
3.36 HYDROLOGY	<p>The Proponent shall ensure that the project is designed, sited and constructed so that it is not subject to inundation by floodwaters up to or at a level of the Probable Maximum Flood, nor does it exacerbate flooding on adjacent land.</p> <p>Where the Proponent can demonstrate to the satisfaction of the Secretary that it is not reasonable and feasible to design to the Probable Maximum Flood, the Proponent may nominate an alternative design flood level for the approval of the Secretary. The alternative flood level shall be developed using a risk-based approach and in consultation with Wollongong City Council.</p>	TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP) TALLAB-GECL-31920-CLD020-2001 - Roads and Stormwater Drainage General Arrangement Sheet 1	The TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP) states: <i>The probable maximum flood (PMF) for the Project is defined as the largest flood that could conceivably occur at the Project site. At the Project site, this equates to a relative level of 3.24 metres Australian Height Datum. This PMF level is identified in the project conditions of approval.</i> Stormwater and piping layout showing benching level is >3.24m.	Compliant									

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.37 HYDROLOGY	The project shall be designed, and employ surface water management techniques, such that existing runoff volumes along drainage lines from the site are maintained at pre-construction levels and there are no adverse effects to adjoining land as a result of flooding and runoff.	TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP) TALLAB-GECL-31920-CLD020-2001 - Roads and Stormwater Drainage General Arrangement Sheet 1 TALLAB-GECL-30210-CED010-2019.C.IFR detailed calcs & engineering report TALLAB-JAC-30210-CDB080-0001 Drainage and Yallah Creek Flood Study TALLAB-WSPA-30210-CDB080-0001 Flood Risk - Preliminary Desktop Assessment Review - 13 December 2021	TALLAB-GECL-31920-CLD020-2001 - Roads and Stormwater Drainage General Arrangement Sheet 1 shows a sediment basin and discharge points, but there is no evidence that it does not exacerbate flooding on adjacent land. Turkey's nest dam does not have any outlet at present and therefore no risk of incr flooding Reviewed TALLAB-GECL-30210-CED010-2019.C.IFR detailed calcs & engineering report - There is nothing in any of the criteria or assumptions in the calcs report which sets this as a requirement Reviewed TALLAB-JAC-30210-CDB080-0001 Drainage and Yallah Creek Flood Study, which reported: using multiple design rainfall patterns and adopting median values could account for the slightly lower result. <i>Tallawarra B will have negligible impact on flooding of adjacent lands as overland flows from the upstream catchment would be contained within the access road. Raising of site levels would not cause any discernible change to flooding from elevated lake levels. The Tallawarra B development will have negligible impact on lake levels which is the primary flood event for adjacent lands around Yallah Bay road and the intake channel.</i>	Compliant
3.38 FLORA AND FAUNA IMPACT	The Proponent shall ensure that there is no disturbance to the endangered ecological communities, including the Illawarra Subtropical Rainforest in the Sydney Basin Bioregion and the Swamp Oak Floodplain Forest of the NSW North Coast, Sydney Basin and South East Corner bioregions, during the construction and operation of the project.	ER reports Oct 2022 to Jan 2023 TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) (Mapping of EECs) TALLAB-EA-10111-AQB070-0009 - Flora and Fauna Management Sub-Plan (FFMP) Have updated offset plan; updated EMS: TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4 (Mapping of EECs) TALLAB-EA-22110-BDB080-0007 - Biodiversity Assessment Report - Vegetation Clearing to Access Powerline Towers September 2022 TALLAB-EA-22110-BDB080-0008 - Biodiversity Assessment Report - Roadside Clearing of EEC Vegetation TALLAB-EA-22110-BDB080-0009 - Site Tree Register - Tree Clearances and Fauna Pre-Clearance Inspections - Summit Open Space Services September 2022 Monthly ER reports Oct 2022 to Jan 2023 GE Clough: inspections, monitoring, site inspection UGL: Inspections, monitoring, site inspection TALLAB-UGL-10111-ABD080-0005 - Independent Audit UGL Supporting Records – 3.38, 3.39, 3.40 Flora and Fauna Impact Audit day: inspect veg areas.	Reviewed monthly ER reports betw Oct 2022 and Jan 2023. Showed no n/cs, no complaints. In relation to the induction, it stated: The ER conducted a detailed review of the content of the environment module of the site induction for Project works during Aug 2022. A series of toolbox talks were also reviewed. Based on the review it was deemed that the induction content package was a thorough and proactive measure to ensure an on-going high standard of environmental protection and compliance. TALLAB-VAN-10111-ABB010-0001-17.0 to 20.0 Enviro Rep monthly reports consistently report a strong focus on demarcation of exclusion zones and vegetation management across the site. The Jan 2023 report explicitly confirms, <i>There continued to be a strong focus on demarcation of exclusion zones and vegetation management across the site. In particular, a weed control initiative to enhance the northern EEC zone was successfully implemented. This initiative involved the removal, by hand, of a Lantana infestation by an experienced Illawarra-based land management team under the supervision and guidance of flora and fauna management experts.</i> Dec 2022 ER report noted the presence of exclusion fencing in key areas. FFMP_Tallawarra-B-Revision 2.4 clean 2022-02-02 Revision 2.4 sets out the exclusion zones for the vegetation. TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Checklists in # 28. cover if protected vegetation clearly marked and fenced as per the plans TALLAB-UGL-10111-ABD080-0005.C Weekly enviro inspection checklist includes a few items for flora & vegetation mgt and fauna management The EMS includes this commitment, and responsibility sits with the contractor. Appendix I contains the offset plan. Protective fencing inspection during site visit.	Compliant
3.39 FLORA AND FAUNA IMPACT	The Proponent shall mark the areas of endangered ecological communities with flagging tape or similar prior to commencing construction to ensure that there is no incursion into, or clearing of the areas.		Reviewed monthly ER reports betw Oct 2022 and Jan 2023. TALLAB-VAN-10111-ABB010-0001-17.0 to 20.0 Enviro Rep monthly reports consistently report a strong focus on demarcation of exclusion zones and vegetation management across the site. Showed no n/cs, no complaints. Findings noted above Sighted complaints register.Nothing related to vegetation clearing. Weekly environmental site inspection checklists cover inspections Protective fencing inspection during site visit	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.40 FLORA AND FAUNA IMPACT	The Proponent shall ensure that clearing of native vegetation is limited to the minimal extent required for the construction of the project and shall undertake all reasonable and feasible measures to avoid the clearing of any threatened flora species. All cleared areas shall be stabilised with local native grasses and ground cover plants as soon as practicable to minimise soil erosion.	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-10111-AQB070-0009 - Flora and Fauna Management Sub-Plan (FFMP) Have updated offset plan; updated EMS: TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4 (Mapping of EECs) Monthly ER reports Oct 2022 to Jan 2023 TALLAB-EA-22110-BDB080-0007 - Biodiversity Assessment Report - Vegetation Clearing to Access Powerline Towers September 2022 TALLAB-EA-22110-BDB080-0008 - Biodiversity Assessment Report - Roadside Clearing of EEC Vegetation GECL Supporting Records - 3.40 Ecologist Approvals TALLAB-GECL-10111-ABD080-0008 - Independent Audit GECL Supporting Records - 3.40 GPRS Erosion Sediment and Control Plan UGL: Inspections, monitoring, site inspection TALLAB-UGL-10111-ABD080-0005 - Independent Audit UGL Supporting Records – 3.38, 3.39, 3.40 Flora and Fauna Impact Audit day: inspect veg areas, discussions with EA.	Reviewed monthly ER reports, as above. Sighted complaints register, nothing related to vegetation clearing. EMS-Tallawarra-B-Version-2.4 includes this commitment, and responsibility sits with the contractor. Appendix I contains the offset plan. FFMP_Tallawarra-B-Revision 2.4 clean 2022-02-02 Revision 2.4 sets out the exclusion zones for the vegetation. TALLAB-EA-22110-BDB080-0007 - Biodiversity Assessment Report - Vegetation Clearing to Access Powerline Towers September 2022 TALLAB-EA-22110-BDB080-0008 - Biodiversity Assessment Report - Roadside Clearing of EEC Vegetation assess the EEC and complete a TS assessment and AoS prior to any clearing. FFMP_Tallawarra-B-Revision 2.4 clean 2022-02-02 Revision 2.4 states that all areas cleared for the Project must be stabilised with local native grasses and ground cover plants as soon as practicable to minimise soil erosion. <i>EA advised sourcing of plants will be done within 12-18 mths; after 36 mths need to have in place the in-perpetuity agreements. No timelines specifying the implementation of the offset plan.</i> TALLAB-GECL-10111-ABD080-0008 - Independent Audit GECL Supporting Records - 3.40 GPRS Erosion Sediment and Control Plan: for the spoil stockpile area (undated) and a progressive erosion and sediment control plan for clearing and early earthworks (28Feb22) by a consultancy called TREES. Checked onsite implementation, minimal clearing only TALLAB-UGL-10111-ABD080-0005.C Weekly enviro inspection checklist includes a checklist item covering unauthorised vegetation clearing. Also copy of ESC. TALLAB-GECL-10111-ABD080-0008.1 Copy of ESC for the GPRS site. TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Checklist item covers protected vegetation fencing. TALLAB-GECL-10111-ABD080-0007.1 ERSED control plan by TREES for GPRS site.	Compliant
	At least one month prior to the commencement of construction of the project, the Proponent shall develop a plan for offsetting the biodiversity impacts resulting from the removal of any native vegetation. The plan shall be submitted to the Secretary for approval and include as appropriate, but not necessarily be limited to:	Environmental Representative's Monthly Report: Tallawarra Stage B Gas Turbine Power Station – February 2022 Document Reference: AL20-301-MR0222_Rev1.0, Date: 08 March 2022 TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS) TALLAB-EA-10111-ACA140-0003 - Environmental Management Strategy (EMS) - Letter of Endorsement TALLAB-EA-10111-ACA140-0012.0.IFU - DPIE approval letter Have updated offset plan; updated EMS: TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4 (Mapping of EECs)	ER endorsed Vegetation Offset Plan (Appendix I of EMS) 08 October 2021 (letter sighted) (Rev. 2.0, dated 07 Oct 2021); and endorsed by DPE on 03 February 2022 (Rev. 2.3, dated 21 Jan 22) letter sighted. It says the 'Department has carefully reviewed the document and is satisfied that it generally meets the requirements of the relevant conditions. Accordingly, the Secretary has approved the Environmental Management Strategy (Revision 2.2, dated 17 January 2022), including Vegetation Offset Plan (Revision 2.3 dated 21 January 2022).'	Compliant
	a) measures for encouraging the natural regeneration of locally native		ER endorsed Vegetation Offset Plan (Appendix I of EMS) 08 October 2021 (letter sighted) (Rev. 2.0, dated 07 Oct 2021); and endorsed by DPE on 03 February 2022 (Rev. 2.3, dated 21 Jan 22) letter sighted. It says the 'Department has carefully reviewed the document and is satisfied that it generally meets the requirements of the relevant conditions. Accordingly, the Secretary has approved the Environmental Management Strategy (Revision 2.2, dated 17 January 2022), including Vegetation Offset Plan (Revision 2.3 dated 21 January 2022).'	Compliant
	b) replanting/compensatory plantings (at a ratio of at least 2:1) and/or land offsets, and rehabilitation measures;		ER endorsed Vegetation Offset Plan (Appendix I of EMS) 08 October 2021 (letter sighted) (Rev. 2.0, dated 07 Oct 2021); and endorsed by DPE on 03 February 2022 (Rev. 2.3, dated 21 Jan 22) letter sighted. It says the 'Department has carefully reviewed the document and is satisfied that it generally meets the requirements of the relevant conditions. Accordingly, the Secretary has approved the Environmental Management Strategy (Revision 2.2, dated 17 January 2022), including Vegetation Offset Plan (Revision 2.3 dated 21 January 2022).'	Compliant
	c) measures for replacing specific habitat values impacted by the project (e.g. provision of roost/nest boxes where significant habitat trees such as hollow bearing trees are impacted);		ER endorsed Vegetation Offset Plan (Appendix I of EMS) 08 October 2021 (letter sighted) (Rev. 2.0, dated 07 Oct 2021); and endorsed by DPE on 03 February 2022 (Rev. 2.3, dated 21 Jan 22) letter sighted. It says the 'Department has carefully reviewed the document and is satisfied that it generally meets the requirements of the relevant conditions. Accordingly, the Secretary has approved the Environmental Management Strategy (Revision 2.2, dated 17 January 2022), including Vegetation Offset Plan (Revision 2.3 dated 21 January 2022).'	Compliant
	d) a timeline for the implementation of the identified measures, including ongoing monitoring and maintenance;		ER endorsed Vegetation Offset Plan (Appendix I of EMS) 08 October 2021 (letter sighted) (Rev. 2.0, dated 07 Oct 2021); and endorsed by DPE on 03 February 2022 (Rev. 2.3, dated 21 Jan 22) letter sighted. It says the 'Department has carefully reviewed the document and is satisfied that it generally meets the requirements of the relevant conditions. Accordingly, the Secretary has approved the Environmental Management Strategy (Revision 2.2, dated 17 January 2022), including Vegetation Offset Plan (Revision 2.3 dated 21 January 2022).'	Compliant
	e) demonstration of how the plan would achieve the outcome of maintaining or improving biodiversity values in the local area; and		ER endorsed Vegetation Offset Plan (Appendix I of EMS) 08 October 2021 (letter sighted) (Rev. 2.0, dated 07 Oct 2021); and endorsed by DPE on 03 February 2022 (Rev. 2.3, dated 21 Jan 22) letter sighted. It says the 'Department has carefully reviewed the document and is satisfied that it generally meets the requirements of the relevant conditions. Accordingly, the Secretary has approved the Environmental Management Strategy (Revision 2.2, dated 17 January 2022), including Vegetation Offset Plan (Revision 2.3 dated 21 January 2022).'	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.41 FLORA AND FAUNA IMPACT	f) measures for monitoring and maintaining any offsets in perpetuity.		ER endorsed Vegetation Offset Plan (Appendix I of EMS) 08 October 2021 (letter sighted) (Rev. 2.0, dated 07 Oct 2021); and endorsed by DPE on 03 February 2022 (Rev. 2.3, dated 21 Jan 22) letter sighted. It says the 'Department has carefully reviewed the document and is satisfied that it generally meets the requirements of the relevant conditions. Accordingly, the Secretary has approved the Environmental Management Strategy (Revision 2.2, dated 17 January 2022), including Vegetation Offset Plan (Revision 2.3 dated 21 January 2022).'	Compliant
	The plan shall be implemented in accordance with the specified measures and timeframes, unless otherwise agreed to by the Secretary.	TALLAB-EA-22110-BDB080-0007 - Biodiversity Assessment Report - Vegetation Clearing to Access Powerline Towers TALLAB-EA-22110-BDB080-0008 - Biodiversity Assessment Report - Roadside Clearing of EEC Vegetation TALLAB-EA-22110-BDB080-0009 - Site Tree Register - Tree Clearances and Fauna Pre-Clearance Inspections - Summit Open Space Services September 2022 Email EA to DPE 30.8.22 Email ILALC to EA 28.7.22 TALLAB-EA-10111-ACA140-0030 - Letter of Approval from the New South Wales Government - DPIE - Environmental Management Strategy (EMS) - February 2023 TALLAB-EA-10111-ACA140-0031 - Letter of Approval from the New South Wales Government - DPIE - Vegetation Offset Plan - December 2022 Have updated offset plan; updated EMS TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4 TALLAB-EA-10111-ABD080-0007.1 Email fr AJ of EA to BCT re in-perpetuity agreement Site inspection & discussions	TALLAB-EA-22110-BDB080-0007 - Biodiversity Assessment Report - Vegetation Clearing to Access Powerline Towers and TALLAB-EA-22110-BDB080-0008 - Biodiversity Assessment Report - Roadside Clearing of EEC Vegetation and TALLAB-EA-22110-BDB080-0009 - Site Tree Register - Tree Clearances and Fauna Pre-Clearance Inspections - Summit Open Space Services September 2022 state: <i>vegetation survey as provided within will be adopted to provide vegetation / tree loss data for inclusion into the active vegetation offset plan. Trees recorded under this scope will be replaced under the offset plan by the applied ration of 2:1</i> . TALLAB-EA-22110-BDB080-0009 - Site Tree Register - Tree Clearances and Fauna Pre-Clearance Inspections - Summit Open Space Services September 2022 documents the preclearance works to protect flora and fauna and collection of tree removal inventory data (refers to a Part 5 REF, which is not relevant as not necessary for this approval. May be used by Endeavour.) Reviewed email from EA to DPE regarding the optimization of the veg offset, which requires it moving down the Yallah Ck riparian zone towards the lake (email dated 30/8/22) This follows DPE reps being onsite and undertaking a joint inspection. No response from DPE yet. EA discussing with leaseholders of adjacent land, update plan and resubmit to DPE Sighted email from ILALC dated 28/7 regarding rehab works for the offset plan and landscape plan. Have updated offset plan; updated EMS Sighted DPE letter dated 22 December 2022 which approves the Vegetation Offset Plan, which was submitted in accordance with Condition 3.41 of Schedule 2 Sighted DPE letter dated 15/02/2023 which approves the updated Environmental Management Strategy, which was submitted in accordance with Condition 7.6 of Schedule 2. A variation of the offset zone approved by DPE after consultation with relevant stakeholders. Updated EMS (v2.4) approved. with new Yallah Creek offset site location and layout. This will cover rainforest and eucalyptus plantings. Sighted updated EMS (v2.4), with the updated offset plan. this has been uploaded to the project's website. Email fr AJ of EA to BCT re in-perpetuity agreement. Glen is organising a Section 88 covenant. Glen organising planting schedule with LALC - details to be provided.	Compliant
3.42 FLORA AND FAUNA IMPACT	The Proponent shall establish a riparian zone consisting of local native plant species adjacent to Yallah Creek within the power station site boundary. The width of the riparian zone is to be a minimum of 50 metres on both sides of the creek, where practicable. All works and disturbance areas associated with the construction and operation of the project must be located outside of the riparian zone, including new transmission line poles.	TALLAB-EA-10111-AQB070-0009 - Flora and Fauna Management Sub-Plan (FFMP) Have updated offset plan; updated EMS: TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4 Monthly ER reports - Oct 2022 to Jan 2023 TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Email ILALC to EA 28.7.22 Weekly inspection checklists for audit period. Audit day: Site inspection of riparian zone	The EMS MP07_0124 File EMS-Tallawarra-B-Version-2.2 clean, 2022-01-17 Revision 2.2 pg 9 notes that Appendix I (the offset plan) Section 3.2 addresses this requirement; in Section 3.2, the riparian corridor along Yarrah Ck is described and presented as the preferred option for offsetting. Locations are shown in Fig 3.6 (p17). The FFMP pg 42 identifies Yallah Creek riparian zone (which incorporates proposed vegetation offset zone) as an exclusion area and requires it to be monitored in accordance with the EMS, Section 7.5. Section 4 of the Offset Plan and as part of the weekly environmental inspections undertaken by the contractor in accordance with Section 12.1 of the CEMP. Sighted complaints register. Nothing related to vegetation clearing. Sourcing of plants will be done within 12-18 mths; after 36 mths need to have in place the in-perpetuity agreements. No timelines specifying the implementation of the offset plan. Sighted email from ILALC dated 28/7 regarding rehab works for the offset plan and landscape plan. A variation of the offset zone approved by DPE after consultation with relevant stakeholders. Updated EMS (V2.4) approved. with new Yallah Creek offset site location and layout. This will cover rainforest and eucalyptus plantings. Weekly checklists for GECL covered above. TALLAB-UGL-10111-ABD080-0005.C UGL Site ESC Plan. Diagram 3.1 seems to display a riparian exclusion zone around Yallah Creek.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																																													
3.43 FLORA AND FAUNA IMPACT	The Proponent shall monitor and maintain the riparian zone along Yallah Creek (referred to in condition 3.42) throughout the life of the project.	TALLAB-EA-10111-AQB070-0009 - Flora and Fauna Management Sub-Plan (FFMP) Have updated offset plan; updated EMS: TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4 Monthly ER reports - Oct 2022 to Jan 2023 TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Email ILALC to EA 28.7.22 TALLAB-EA-10111-ABD080-0007 Audit day: Site inspection of riparian zone Weekly inspection checklists	The FFMP pg 42 identifies Yallah Creek riparian zone (which incorporates proposed vegetation offset zone) as an exclusion area and requires it to be monitored in accordance with the EMS, Section 7.5. Section 4 of the Offset Plan and as part of the weekly environmental inspections undertaken by the contractor in accordance with Section 12.1 of the CEMP. In ER Jan 23 report, photographs showing areas of veg to be retained are flagged for Yallah Creek Riparian Exclusion Zone <i>Sourcing of plants will be done within 12-18 mths; after 36 mths need to have in place the in-perpetuity agreements.</i> No timelines specifying the implementation of the offset plan. Sighted email from ILALC dated 28/7 regarding rehab works for the offset plan and landscape plan. Sighted Weekly inspection checklist, Veg clearing in area where new poles are planned only. Documentation \ information showing monitoring & maintaining is being undertaken Weed control records TALLAB-EA-10111-ABD080-0007.1 sighted bush regeneration quotation dd Dec22 + invoices from Dec/Jan/Feb, for Swamp Oak Forest. Also for weed control work No other veg rehab occurring.	Compliant																																													
3.44 FLORA AND FAUNA IMPACT	The Proponent shall monitor all rehabilitated areas, offset areas, and riparian zones for weed infestation. Any infestations shall be actively managed to remove or minimise their spread.	TALLAB-EA-10111-AQB070-0009 - Flora and Fauna Management Sub-Plan (FFMP) Have updated offset plan; updated EMS: TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4 Monthly ER reports - Oct 2022 to Jan 2023 TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-10111-ABD080-0007 <i>Audit day: Site inspection of riparian zone</i> <i>Weekly inspection checklists</i>	The FFMP pg 42 identifies Yallah Creek riparian zone (which incorporates proposed vegetation offset zone) as an exclusion area and requires it to be monitored in accordance with the EMS, Section 7.5. Section 4 of the Offset Plan and as part of the weekly environmental inspections undertaken by the contractor in accordance with Section 12.1 of the CEMP. Sighted emails of 26/10/2022 and 2/11/22, where the Biosecurity Weeds Inspector, Tony Martin had indicated some works which had been scheduled for this year were postponed due to the ongoing wet weather. The possibility of extending and adjusting weed control program to include further control works and incorporate other riparian or EEC areas for some weeds such as Lantana was raised. Also noted that other areas may require more intensive bush regeneration to control a variety of weed issues and to regenerate native plant species. Sighted Jan23 ER report, which has photograph of weed control completed, and noted: <i>the completed weed control within the northern EEC area to remove Lantana (Lantana camara). Following receipt of DPE guidance, an extensive weed removal program was conducted during January 2023 as an initiative to enhance the ecological value of this area.</i> Documentation \ information showing monitoring & maintaining is being undertaken Weed control records TALLAB-EA-10111-ABD080-0007.1 Bush regeneration quotation dd Dec22 + invoices from Dec/Jan/Feb, for Swamp Oak Forest. Also quotations and invoices for weed control work in this period.	Compliant																																													
3.45 LAKE ECOLOGY	<p>Table 12 - Weather Monitoring</p> <table> <tr> <th>Parameter</th><th>Units of Measure</th><th>Frequency</th><th>Averaging Period</th><th>Sampling Method</th></tr> <tr> <td>Rainfall</td><td>mm</td><td>Continuous</td><td>1 hour</td><td>AM-4</td></tr> <tr> <td>Wind speed @ 10 metres</td><td>m/s</td><td>Continuous</td><td>15 minute</td><td>AM-2 & AM-4</td></tr> <tr> <td>Wind direction @ 10 metres</td><td></td><td>Continuous</td><td>15 minute</td><td>AM-2 & AM-4</td></tr> <tr> <td>Temperature @ 2 metres</td><td>°C</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr> <tr> <td>Temperature @ 10 metres</td><td>°C</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr> <tr> <td>Sigma theta @ 10 metres</td><td></td><td>Continuous</td><td>15 minute</td><td>AM-2 & AM-4</td></tr> <tr> <td>Solar radiation</td><td>W/m²</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr> <tr> <td>Additional requirements - Siting - Measurement</td><td></td><td></td><td></td><td>AM-1 & AM-4 AM-2 & AM-4</td></tr> </table>	Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method	Rainfall	mm	Continuous	1 hour	AM-4	Wind speed @ 10 metres	m/s	Continuous	15 minute	AM-2 & AM-4	Wind direction @ 10 metres		Continuous	15 minute	AM-2 & AM-4	Temperature @ 2 metres	°C	Continuous	15 minute	AM-4	Temperature @ 10 metres	°C	Continuous	15 minute	AM-4	Sigma theta @ 10 metres		Continuous	15 minute	AM-2 & AM-4	Solar radiation	W/m²	Continuous	15 minute	AM-4	Additional requirements - Siting - Measurement				AM-1 & AM-4 AM-2 & AM-4	d Discussion with EA, response to data request.	EA advised as N/A as it is constructing an OCGT	Not Triggered
Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method																																													
Rainfall	mm	Continuous	1 hour	AM-4																																													
Wind speed @ 10 metres	m/s	Continuous	15 minute	AM-2 & AM-4																																													
Wind direction @ 10 metres		Continuous	15 minute	AM-2 & AM-4																																													
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Temperature @ 10 metres	°C	Continuous	15 minute	AM-4																																													
Sigma theta @ 10 metres		Continuous	15 minute	AM-2 & AM-4																																													
Solar radiation	W/m²	Continuous	15 minute	AM-4																																													
Additional requirements - Siting - Measurement				AM-1 & AM-4 AM-2 & AM-4																																													
3.46 LAKE ECOLOGY		II Discussion with EA, response to data request.	EA advised as N/A as it is constructing an OCGT	Not Triggered																																													
3.47 LAKE ECOLOGY	Should a net loss of seagrass beds occur, the Proponent shall prepare and submit to the Secretary a report detailing the percentage and physical area of loss, the reasons for the loss, and the proposed measures for minimising any further loss and offsetting the loss.	Discussion with EA, response to data request.	EA advised as N/A as it is constructing an OCGT	Not Triggered																																													

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.48 LAKE ECOLOGY	In the event a combined cycle plant is constructed, benthos shall be monitored each summer as detailed in the document titled Tallawarra Combined Cycle Gas Turbine Power Station Water Quality and Biological Community Management Plan (May, 2008). Nothing in this approval restricts the Proponent from utilising the existing benthos monitoring plan for the Tallawarra Stage A power station to satisfy the	Discussion with EA, response to data request.	EA advised as N/A as it is constructing an OCGT	Not Triggered
3.49 VISUAL AMENITY IMPACTS	The Proponent shall undertake landscaping works to reduce the visual impact of the power station from residences along the foreshore, prior to the commencement of operation of the project. Vegetation used in landscaping works shall comprise local native species.	Discussion with EA, response to data request. TALLAB-EA-10111-AQB070-0009 - Flora and Fauna Management Sub-Plan (FFMP) Email ILALC to EA 28.7.22	CEMP Appendix G: Flora and Fauna Management Sub Plan contains Appendix E: Landscape plan. EA advises it has sought quotes and spoken to a number of contractors about this work, but planting has not yet started. I Sighted email from ILALC dated 28/7 regarding rehab works for the offset plan and landscape plan. This work has not yet commenced.	Not Triggered
3.50 VISUAL AMENITY IMPACTS	The Proponent shall minimise the use of reflective building elements and maximise the use of building materials and treatments which visually complement the surrounding landscape.	TQ Number: TALLAB-GECL-TQ-MEC-0006 dated 6/4/22 TQ-MEC-0006 Paint colour comparison spreadsheet. Email from Nolan Nel Principal Mechanical Engineer, Power Generation, dated 22/4/22	Notes say: GT, generator and e-room - TQ sighted. Spreadsheet has a EA Paint Colour Comparison Chart. This shows dull colours being used. The spreadsheet includes the artist rendering, OTS and Approval requirements in a separate tab; with the TQ effectively progressing with GE's proposed RAL 7035 grey for the large equipment, i.e. intake, enclosure, since this aligns better with the project approval than the aqua blue for the filter intake for example. Email from WSP states 'We are requiring GE to align on RAL green for items such as the fuel oil block, etc. and are awaiting their response.'	Compliant
3.51 VISUAL AMENITY IMPACTS	The Proponent shall ensure that the power station is consistent in design (including materials, finishes and colours) with the Tallawarra Stage A power station.	TQ Number: TALLAB-GECL-TQ-MEC-0006 dated 6/4/22 TQ-MEC-0006 Paint colour comparison spreadsheet. Email from Nolan Nel Principal Mechanical Engineer, Power Generation, dated 22/4/22	Notes say: GT, generator and e-room - TQ sighted. Spreadsheet has a EA Paint Colour Comparison Chart. This shows dull colours being used. The spreadsheet includes the artist rendering, OTS and Approval requirements in a separate tab; with the TQ effectively progressing with GE's proposed RAL 7035 grey for the large equipment, i.e. intake, enclosure, since this aligns better with the project approval than the aqua blue for the filter intake for example. Email from WSP states 'We are requiring GE to align on RAL green for items such as the fuel oil block, etc. and are awaiting their response.'	Compliant
3.52 VISUAL AMENITY IMPACTS	The Proponent shall ensure that all external lighting associated with the project is mounted, screened, and directed in such a manner so as not to create a nuisance to the surrounding environment, properties and roadway. The lighting shall be the minimum level of illumination necessary and shall comply with Australian Standard AS4282 1997 – Control of the Obtrusive Effects of Outdoor Lighting.	Design documentation showing that the lighting being used will meet this condition TALLAB-GECL-TQ-MEC-0008 19/4/22 TQ from EA to GECL Discussion with Adam Emera DPD TALLAB-EA-10111-ABD080-0005 - Independent Audit EA Supporting Records - 3.52 Visual Amenity Impacts Updated plans with certification of compliance to standard	sighted TALLAB-GECL-TQ-MEC-0008 which says 3.52 and 3.53 Visual Amenity (lighting and aviation hazard lighting) – Details of current design and inclusions required. The lighting design drawings 8903E1_B, 8903E2_B and _C, 8903E3_A and _B, 8903E4_A and _B, and 45762-E-51004-DWG-E-00043 provided in TALLAB-EA-10111-ABD080-0005 - Independent Audit EA Supporting Records - 3.52 Visual Amenity Impacts either explicitly state that "... Compliance with AS4282 has not been evaluated in these calculations and is not implied..." or make no mention of this standard at all. Sighted email dd. 17/10/22 from Clough to WSP provided in TALLAB-EA-10111-ABD080-00050.01FI stating that "...regarding compliance to AS 4282, lighting lux levels calculations can incorporate wording to state compliance to AS 4282..." Sighted 8903E5Rev0 A2 dated 21/10/22 which confirms an <i>AS4282 evaluation of predicted obtrusive lighting has been conducted</i> and the design meets requirements.	Compliant
3.53 VISUAL AMENITY IMPACTS	Where aviation hazard lighting is recommended by CASA and/or AirServices Australia, all reasonable and feasible attempts shall be made to ensure that this lighting is designed and directed so as not to create a nuisance to the surrounding environment, properties and roadway.	TALLAB-GECL-TX-MEC-0003 26/8/21 from EA to GECL	Sighted TALLAB-GECL-TX-MEC-0003 where GECL confirms that the [Tallawarra B] Stack [(incl PDD)] will be lit [with aircraft warning lights and marking] in accordance with Chapter 9 Division 4 of the Part 139 (Aerodromes) Manual of Standards 2020 (as amended), and that the stack will be marked in conformance with CASA and the Aerodromes manual.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.54 ABORIGINAL HERITAGE IMPACTS	The Proponent shall take all reasonable and feasible measures to avoid the sites known as Yallah Gully 1 (National Parks and Wildlife Services Site ID 52-5-0248), Yallah Gully 2 (National Parks and Wildlife Services Site ID 52-5-0247), Yallah Gully 3 (National Parks and Wildlife Services Site ID 52-5-0246) and Yallah Site 2 (National Parks and Wildlife Services Site ID 52-5-0122) during the construction of the project, and develop site-specific mitigation measures to ensure that they are not impacted by construction or operation of the power station and any associated infrastructure. If impacts are unavoidable, mitigation measures are to be negotiated with the Aboriginal community and Heritage NSW.	TALLAB-EA-10111-AQB070-0008 - Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) Monthly ER reports & inspection checklists Oct 22 to Jan 23 TALLAB-GECL-10111-ABD080-0012 - Independent Audit GECL Supporting Records - 7.3 Cultural and Indigenous Engagement Weekly inspection checklists GECL Induction records for new starters for indigenous heritage awareness. Induction records for new starters for indigenous heritage awareness. TALLAB-UGL-10111-ABD080-0006 - Independent Audit UGL Supporting Records – 3.54 Aboriginal Heritage Impact Audit day: Site inspection of areas	Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) in place. Table 5-1: ACHMP safeguards and management measures lists the protection requirements for Yallah Gully 1 (National Parks and Wildlife Services Site ID 52-5-0248), Yallah Gully 2 (National Parks and Wildlife Services Site ID 52-5-0247), Yallah Gully 3 (National Parks and Wildlife Services Site ID 52-5-0246) and Yallah Site 2, with fencing to be erected prior to works commencing. An additional site inspection was undertaken at these sites in the formation of the Cultural Heritage Monitoring Protocol (Appendix B). Reviewed monthly ER reports betw Oct 2022 and Jan 23. Showed no n/cs, no complaints. In relation to the induction, it stated: The ER conducted a detailed review of the content of the environment module of the site induction for Project works during Aug 2022. A series of toolbox talks were also reviewed. Based on the review it was deemed that the induction content package was a thorough and proactive measure to ensure an on-going high standard of environmental protection and compliance. TALLAB-GECL-10111-ABD080-0012 - Independent Audit GECL Supporting Records - 7.3 Cultural and Indigenous Engagement is a copy of the induction materials supporting Tallawarra B Power Station Project Cultural and Indigenous Engagement by Clough, covering Acknowledgement of Country, and an explanation of the project's various indigenous engagement initiatives. TALLAB-UGL-10111-ABD080-0006.C Aboriginal heritage toolbox/induction worksheet. Very clear about identifying and avoiding sites. TALLAB-UGL-10111-ABD080-0005.C Weekly enviro inspection checklist. Includes a section on Cultural & European Heritage Management. TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspections for period covering Oct22-Feb23. Checklist changed from 75 items to 30 somewhere in the audit period. Does NOT include heritage item, however there is now n interface betw GECL sites and heritage.	Compliant
3.55 ABORIGINAL HERITAGE IMPACTS	If during the course of construction or operation of the project the Proponent uncovers any previously unidentified Aboriginal cultural objects, all works likely to affect the object(s) shall cease in the immediate area to prevent any further impact to the find(s) and Heritage NSW informed. A suitably qualified archaeologist and Aboriginal community representatives shall be contacted to determine the significance of the find(s) and appropriate management measures. The Proponent shall register the site and management outcome in the Aboriginal Heritage Information Management System (AHIMS) in accordance with the National Parks and Wildlife Act 1974. Works are not to resume until approval in writing is received from Heritage NSW.	Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) MP07_0124 File TALLAB-ACHMP-Version-1.6 clean, 2022-06-06 Revision 1.6 Monthly ER reports Oct 22 to Jan 23 Aboriginal Objects Due Diligence Assessment Tallawarra B Power Station Project Yallah, NSW by Niche (30/9/21) Discussions with EA.	Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) in place. Table 5-1: ACHMP safeguards and management measures lists the protection requirements for Yallah Gully 1 (National Parks and Wildlife Services Site ID 52-5-0248), Yallah Gully 2 (National Parks and Wildlife Services Site ID 52-5-0247), Yallah Gully 3 (National Parks and Wildlife Services Site ID 52-5-0246) and Yallah Site 2, with fencing to be erected prior to works commencing. An additional site inspection was undertaken at these sites in the formation of the Cultural Heritage Monitoring Protocol (Appendix B). Reviewed monthly ER reports. Showed no n/cs, no complaints. Sighted the Aboriginal Objects Due Diligence Assessment for Tallawarra B Power Station Project It stated that it is unlikely that Aboriginal objects have survived within parts of the Activity Area due to the high levels of disturbance and modification to the ground surface. TALLAB-ACHMP-Version-1.5, 2022-01-20 Revision 1.5 lists on Table 5-1: ACHMP safeguards and management measures the following management measures: <i>If an item (or suspected item) of Aboriginal heritage is discovered during construction, Heritage NSW will be informed and further investigation will be undertaken by an archaeologist before recommencement of work as directed by the Unanticipated Finds Protocol (ACHMP, Section 7), or the Cultural Heritage Monitoring Protocol (ACHMP, Appendix B).</i> <i>There is to be no salvage (collection or keeping) of any Aboriginal objects found during construction unless authorised in writing by Heritage NSW. Any Aboriginal Cultural Heritage objects found must be managed in accordance with the Unanticipated Finds Protocol (ACHMP, Section 7), or the Cultural Heritage Monitoring Protocol (ACHMP, Appendix B).</i> TALLAB-GECL-10111-ABD080-0012 - Independent Audit GECL Supporting Records - 7.3 Cultural and Indigenous Engagement appears to be a copy of the induction materials supporting Tallawarra B Power Station Project Cultural and Indigenous Engagement by Clough, covering Acknowledgement of Country, and an explanation of the project's various sensitivities. EA advised nothing uncovered	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.56 ABORIGINAL HERITAGE IMPACTS	Where ground disturbance is proposed (for example excavation or removal of vegetation) in the vicinity of Yallah Creek, prior to commencing construction, the Proponent shall undertake further archaeological surveying and assessment with the aim of identifying any Aboriginal cultural heritage values which may be impacted by the project. The Proponent shall ensure monitoring by Local Aboriginal Land Council representatives during such works.	Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) MP07_0124 File TALLAB-ACHMP-Version-1.6 clean, 2022-06-06 Revision 1.6 UGL records: RAP invoice records for RAP attendance sighted. EA: Tower work - pole on transmission line. Moderate sensitivity area. Site Monitoring at Tallawarra B Power Station invoice 08/02/2023	TALLAB-ACHMP-Version-1.5, 2022-01-20 Revision 1.5, sets out a Cultural Heritage Monitoring Protocol (Appendix B). UGL records: RAP invoice records for RAP attendance 31/1/23 sighted. EA: Tower work - pole on transmission line. Moderate sensitivity area. Sighted Site Monitoring at Tallawarra B Power Station invoice 08/02/2023 for Steve Henry on 31/1/23 and Talla B Cultural Heritage Monitoring Protocol Letter to RAPs Michele Moore WWAC	Compliant
3.57 TRAFFIC AND TRANSPORT IMPACTS	Upon determining the haulage route(s) for construction vehicles associated with the project, the Proponent shall commission an independent, qualified person or team to undertake a Road Dilapidation Report for Yallah Bay Road. The report shall assess the current condition of the road and describe mechanisms to restore any damage that may result due to traffic and transport related to the construction of the project. The Report shall be submitted to the relevant road authority for review prior to the commencement of haulage. The Proponent shall ensure that any measures to restore or reinstate roads affected by the project are undertaken in a timely manner, in accordance with the requirements of and to the satisfaction of the relevant road authority, and at the full expense of the Proponent. In the event of a dispute between the parties with respect to the extent of restorative work that may be required under this condition, any party may refer the matter to the Secretary for resolution. The Secretary's determination of any such dispute shall be final and binding on the parties.	TALLAB-GECL-30210-CDB080-2001 - Road Dilapidation Report Tallawarra Power Station Upgrade Works For Clough Group Letter to WCC to Greg Doyle, dated 30/3/22, Road Dilapidation Report for Yallah Bay Road TALLAB-GECL-10111-ABD080-0009 - Independent Audit GECL Supporting Records - 3.57 Road Dilapidation Reports Evidence of submission of the report to the relevant road authority prior to the commencement of haulage. Consultation with WCC	Sighted Road Dilapidation Report Tallawarra Power Station Upgrade Works For Clough Group (undated) undertaken by geosurv. It states the road dilapidation inspection was undertaken between 21st September and 5th of October 2021. It recommended a survey be undertaken post-construction to determine if any works required. Sighted letter to WCC to Greg Doyle, dated 30/3/22, providing these two reports.submitted to the relevant road authority for review prior to the commencement of haulage. It was noted there was a deterioration due to Feb 22, and another dilap report is due to be done in Apr 22. This is internal only, not submitted to WCC. submitted. TALLAB-GECL-10111-ABD080-0009 - Independent Audit GECL Supporting Records - 3.57 Road Dilapidation Reports presents two independent road dilapidation reports undertaken by Geosurv Pty Ltd, on 25 May 2022 (pre-turbine delivery) and on 02 June 2022 (post-turbine delivery). This folder contained no evidence of submission of the report to the relevant road authority - as for internal purposes only.	Compliant
3.58 WASTE GENERATION AND MANAGEMENT	All waste materials removed from the site shall only be directed to a waste management facility lawfully permitted to accept the materials.	TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) UGL: Recycling records, waste records & receipts TALLAB-UGL-10111-ABD080-0004.0.IFI GECL: Recycling records, waste records & receipts TALLAB-GECL-10111-ABD080-0010 Audit Day: inspection of GECL records. TALLAB-GECL-10111-ABD080-0010 - Independent Audit GECL Supporting Records - 3.59 Waste Generation	The Waste Management Sub-Plan (WMP) is Appendix J of the CEMP (TALLA-B-WMP-Version-2.2 2022-01-18 Revision 2.2). The sub plan includes provisions for the management of waste likely to be created by the project, including outlining the waste management approaches towards minimisation, categorisation, disposal or reuse and reporting. TALLAB-UGL-10111-ABD080-0007.C : Soil disposal certificate dd. 23Dec22 + cleanaway waste register - this does not have dates for the records so it could be for any period. Sighted City coast Services EPL summary for transportaion of Cat 2 & Cat 1 trackable waste. Sighted email from CCS to UGL stating location of waste facility and types of waste accepted. TALLAB-GECL-10111-ABD080-0010 Sustainability reports Oct 22 - Jan 23. This gives a summary of the types of waste and how they were treated. Sighted co mingled, recycling and organics collectin bins JJ Richards Dated 31/1/23. General, timber etc listed below.	Compliant
3.59 WASTE GENERATION AND MANAGEMENT	The Proponent shall, to the extent that is reasonable and feasible, maximise the treatment, reuse and/or recycling on the project site of any waste oils, excavated soils, vegetation, slurries, sludges or other solid and liquid waste materials associated with the project, to minimise the need for treatment or disposal of those materials outside the power station.	TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) GECL: TALLAB-GECL-10111-ABD080-0010 Sustainability reports Oct 22 - Jan 23. TALLAB-GECL-10111-ABD080-0010 - Independent Audit GECL Supporting Records - 3.59 Waste Generation UGL: Recycling records, waste records & receipts Audit Day: inspection of GECL records	Covered in Section 3.6, 3.7 and Section 5 of the WMP. S3.6 provides details on reuse of soil and general solid waste that is recyclable/ reusable. Table in S3.7 covers specifics of what can be reused, incl soils, vegetation, spoil. TALLAB-UGL-10111-ABD080-0007.C : Soil disposal certificate dd. 23Dec22 + cleanaway waste register - shows recycling bins being collected. TALLAB-GECL-10111-ABD080-0010 Sustainability reports Oct 22 - Jan 23. Shows a breakdown of waste categories, incl recycling, liquid and solid waste, hazardous. Includes recycling and composting as methods. Waste records as above. GECL Report on sustainability Oct22 + Jan23. , Target zero, and show what was generated and how it was used. covers water, energy fuel, fuel source. Waste generated, recycled or disposed.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.60 WASTE GENERATION AND MANAGEMENT	The Proponent shall not cause, permit or allow any waste generated outside the site to be received at the site for storage, treatment, processing, reprocessing, or disposal on the site, except as expressly permitted by a licence under the Protection of the Environment Operations Act 1997, if such a licence is required in relation to that waste.	TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) GECL: Recycling records, waste records & receipts TALLAB-GECL-10111-ABD080-0010 - Independent Audit GECL Supporting Records - 3.59 Waste Generation UGL: Recycling records, waste records & receipts Audit Day: inspection of UGL & GECL records/Report on sustainability .	Covered in Section 3.7.2 of the WMP, which specifically excludes accepting waste generated outside the site, and assigns responsibility for this in S5 TALLAB-UGL-10111-ABD080-0007.C : Soil disposal certificate dd. 23Dec22 + cleanaway waste register - TALLAB-GECL-10111-ABD080-0010 Sustainability reports Oct 22 - Jan 23. Waste register and waste records for GECL sighted during onsite	Compliant
3.61 WASTE GENERATION AND MANAGEMENT	The Proponent shall ensure that all liquid and/or non-liquid waste generated on the site is assessed and classified in accordance with Waste Classification Guidelines (EPA, 2009), or any superseding document.	TALLAB-EA-10111-AQB070-0013 - Waste Management Sub-Plan (WMP) GECL: waste records & receipts TALLAB-GECL-10111-ABD080-0010 - Independent Audit GECL Supporting Records - 3.59 Waste Generation UGL: Recycling records, waste records & receipts TALLAB-UGL-10111-ABD080-0004.0.IFI Audit Day: inspection of UGL & GECL records	The Waste Management Sub-Plan (WMP) is Appendix J of the CEMP (TALLA-B-WMP-Version-2.2 2022-01-18 Revision 2.2). The sub plan includes provisions for the management of waste likely to be created by the project, including outlining the waste management approaches towards minimisation, categorisation, disposal or reuse and reporting. If waste water is contaminated, then ends up in pond for treatment. TALLAB-UGL-10111-ABD080-0007.C : Soil disposal certificate dd. 23Dec22 + cleanaway waste register. Sighted City coast Services EPL summary for transportaion of Cat 2 & Cat 1 trackable waste. Sighted email from CCS to UGL stating location of waste facility and types of waste accepted. Sighted ASS soil verification email dated 14/3/23 from Construction Sciences lab to City Coast services EA & UGL and report stating soil at site is safe to store onsite. TALLAB-GECL-10111-ABD080-0010 Sustainability reports Oct 22 - Jan 23. Target zero, and show what was generated and how it was used. covers water, energy fuel, fuel source. Waste generated, recycled or disposed. Sighted invoice for pump out of sewer from South Coast Site REntals who is the company hiring the facilities.	Compliant
4.ENVIRONMENTAL MONITORING AND AUDITING				
4.1 OPERATIONAL NOISE REVIEW	Within 90 days of the commencement of operation of the project, or as may be agreed by the Secretary, and during a period in which the project is operating under design loads and normal operating conditions, the Proponent shall undertake an Operational Noise Review to confirm the noise emission performance of the project. The Review shall be prepared in consultation with, and to the satisfaction of, the			Not Triggered
4.2 OPERATIONAL NOISE REVIEW	Noise monitoring is to be consistent with the guidelines provided in the Noise Policy for Industry (NSW EPA, 2017) and must include attended noise monitoring at the receiver locations identified in Table 1 and Table 2. The noise assessment must include monitoring of operations that have the potential to cause offensive noise including, but not limited to, safety valve operation, blowdown operation and the operation of circuit breakers during the day, evening and night time periods at the locations defined in condition 3.5 of this approval.			Not Triggered
4.3 OPERATIONAL NOISE REVIEW	For the purpose of assessment of noise emissions, noise from the project shall be: a) measured at the most affected point within the residential boundary or at the most affected point within 30 metres of the dwelling where the dwelling is more than 30 metres from the boundary;			Not Triggered
	b) measured at one metre from the dwelling facade to determine compliance with the Lmax noise limits specified in Table 1 and in Table 2 of this approval; and			Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	c) in the case of the proposed residential areas within the Tallawarra Lands, measured at the most affected point within each residential area. Notwithstanding, should direct measurement of noise from the project be impractical, the Proponent may employ an alternative noise assessment method deemed acceptable by the EPA (refer to Noise Policy for Industry (NSW EPA, 2017). Details of such an alternative noise assessment method accepted by the EPA shall be submitted to the Secretary prior to the implementation of the assessment method.			Not Triggered
4.4 OPERATIONAL NOISE REVIEW	A report providing the results of the Operational Noise Review shall be submitted to the Secretary and the EPA within 90 days of completion of the monitoring. The report shall include, but not necessarily be limited to:			Not Triggered
	a) a description of the methodologies for noise monitoring, including the location of monitoring sites and frequency of monitoring;			
	b) documentation of the operational noise levels at the locations defined in Table 1 and Table 2 of this approval as ascertained by the noise monitoring program;			Not Triggered
	c) an assessment of the noise performance of the project against the noise limits specified in Table 1 and Table 2 of this approval and the predicted noise levels as detailed in the report referred to under condition 1.1c) of this approval;			Not Triggered
	d) details of the meteorological conditions prevailing during the monitoring; and			Not Triggered
	e) details of any entries in the Complaints Register (condition 6.3 of this approval) relating to noise impacts.			Not Triggered
4.5 ONGOING OPERATIONAL NOISE MONITORING	The Proponent shall prepare and implement an Operational Noise Monitoring Program to assess ongoing compliance against the operational noise limits set out in condition 3.5 of this approval. The noise monitoring program shall be prepared in consultation with, and to the satisfaction of, the EPA. Noise monitoring is to be consistent with the guidelines provided in the Noise Policy for Industry (NSW EPA, 2017) and must include, but not be limited to:			Not Triggered
	a) noise monitoring at the locations specified in Table 1 and Table 2 of this approval, in accordance with the requirements of condition 4.3 of this approval;			
	b) attended noise monitoring;			Not Triggered
	c) monitoring of operations that have the potential to cause offensive noise including, but not limited to, safety valve operation, blowdown operation and the operation of circuit breakers during the day, evening and night time periods; and			Not Triggered
	d) monitoring of the effectiveness of any noise mitigation measures implemented under condition 3.6 of this approval, against the noise limits specified in condition 3.5 of this approval.			Not Triggered
4.6 ONGOING OPERATIONAL NOISE MONITORING	Ongoing noise monitoring shall be undertaken by the Proponent on an annual basis and as may be directed by the Secretary. The requirements for ongoing annual noise monitoring will be determined by the Secretary based on the results collected.			Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																																
4.7 AIR QUALITY MONITORING	<p>The Proponent must monitor (by sampling and obtaining results by analysis) the pollutant concentrations or parameters specified in Table 10 at each of the turbine stack monitoring/discharge points described in Table 7 during operation. Monitoring must be undertaken during maximum load, using the specified sampling method, units of measure, and sample at the frequency in Table 10, unless otherwise agreed to by the EPA.</p> <p>Note: For the purpose of the Table above, Special Method 1 means any moisture monitoring method approved in writing by the EPA and US EPA Procedure 1. The sampling methods are those specified in the Approved Methods for the Sampling and Analysis (Table 10 – Periodic Pollutant/Parameter Monitoring (Air))</p> <table><tr><th>Pollutant/Parameter</th><th>Units of Measure</th><th>Frequency</th><th>Sampling Method</th></tr><tr><td>Nitrogen dioxide (NO₂) or nitric oxide (NO) or both, as NO_x equivalent</td><td>ppm</td><td>Continuous</td><td>CEM-2 and US EPA Procedure 1</td></tr><tr><td>Moisture</td><td>%</td><td>Continuous</td><td>Special Method 1 and US EPA Procedure 1</td></tr><tr><td>Oxygen</td><td>%</td><td>Continuous</td><td>CEM-3 and US EPA Procedure 1</td></tr><tr><td>Temperature</td><td>°C</td><td>Continuous</td><td>TM-2 and US EPA Procedure 1</td></tr><tr><td>Velocity</td><td>m/s</td><td>Continuous</td><td>CEM-6 and US EPA Procedure 1</td></tr><tr><td>Volumetric flow rate</td><td>m³/s</td><td>Continuous</td><td>CEM-6 and US EPA Procedure 1</td></tr><tr><td>Selection of sampling positions</td><td>-</td><td>-</td><td>TM-1</td></tr></table>	Pollutant/Parameter	Units of Measure	Frequency	Sampling Method	Nitrogen dioxide (NO ₂) or nitric oxide (NO) or both, as NO _x equivalent	ppm	Continuous	CEM-2 and US EPA Procedure 1	Moisture	%	Continuous	Special Method 1 and US EPA Procedure 1	Oxygen	%	Continuous	CEM-3 and US EPA Procedure 1	Temperature	°C	Continuous	TM-2 and US EPA Procedure 1	Velocity	m/s	Continuous	CEM-6 and US EPA Procedure 1	Volumetric flow rate	m³/s	Continuous	CEM-6 and US EPA Procedure 1	Selection of sampling positions	-	-	TM-1			Not Triggered
	Pollutant/Parameter	Units of Measure	Frequency	Sampling Method																																
Nitrogen dioxide (NO ₂) or nitric oxide (NO) or both, as NO _x equivalent	ppm	Continuous	CEM-2 and US EPA Procedure 1																																	
Moisture	%	Continuous	Special Method 1 and US EPA Procedure 1																																	
Oxygen	%	Continuous	CEM-3 and US EPA Procedure 1																																	
Temperature	°C	Continuous	TM-2 and US EPA Procedure 1																																	
Velocity	m/s	Continuous	CEM-6 and US EPA Procedure 1																																	
Volumetric flow rate	m³/s	Continuous	CEM-6 and US EPA Procedure 1																																	
Selection of sampling positions	-	-	TM-1																																	
4.8 AIR QUALITY PERFORMANCE VERIFICATION	<p>Within six months of the commencement of operation of the project, or as may be agreed or directed by the Secretary, and during a period in which the project is operating at both maximum design loads and under normal operating conditions, the Proponent shall undertake a program to confirm the air emission performance of the project. The program shall include, but not necessarily be limited to:</p> <p>a) point source emission sampling and analysis subject to the requirements listed under condition 4.7 to determine compliance with the stack discharge concentration limits identified in condition 3.24;</p>			Not Triggered																																
	<p>b) a comprehensive air quality impact assessment, using actual air emission data collected under a). The assessment shall be undertaken strictly in accordance with the methods outlined in Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in New South Wales (EPA, 2017), or its latest version;</p>			Not Triggered																																
	<p>c) a comparison of the results of the air quality impact assessment required under b) above, and the predicted air quality impacts detailed in the Air Quality Assessment, Tallawarra B Permit Modification: Air Quality Assessment, EnergyAustralia, Katestone, dated June 2020;</p>			Not Triggered																																
	<p>d) a comparison of the results of the air quality impact assessment required under b) above, and the impact assessment criteria detailed in Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in NSW (EPA, 2017), or its latest version; and</p>			Not Triggered																																
	<p>e) details of any entries in the Complaints Register (condition 6.3 of this approval) relating to air quality impacts. A report providing the results of the program shall be submitted to the Secretary and EPA within two months of completion of the testing program required under 4.8a) for both operating scenarios.</p>			Not Triggered																																

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status												
4.9 AIR QUALITY PERFORMANCE VERIFICATION	In the event that results of the air dispersion modelling indicates that the operation of the project, under maximum design loads or normal operating conditions, will lead to: a) greater point source emissions of air pollutants than permitted under Condition 3.24 of this approval; or			Not Triggered												
	b) greater ground-level concentrations of air pollutants than the impact assessment criteria detailed in Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales (EPA 2017); then the Proponent shall provide details of remedial measures to be implemented to reduce point source emissions and/ or ground-level concentrations of air pollutants to no greater than permitted under this approval. Details of the remedial measures and a timetable for implementation shall be submitted to the EPA for approval within such period as the EPA may require, unless agreed otherwise by Secretary.			Not Triggered												
4.10 WATER QUALITY MONITORING	In the event that a combined cycle plant is constructed, the Proponent shall continuously monitor with a probe both the water temperature into the power station and the temperature of the combined cooling water discharge from the Tallawarra Stage A and B plants into the outlet canal, downstream of the attemperation mixing zone.			Not Triggered												
4.11 WATER QUALITY MONITORING	In the event that a combined cycle plant is constructed, the Proponent shall continuously monitor the flow at the inlet waters to the power station and the flow of water discharged from the Tallawarra Stage A and B plants into the outlet canal, downstream of the attemperation mixing zone.			Not Triggered												
4.12 WATER QUALITY MONITORING	In the event that a combined cycle plant is constructed, the Proponent shall monitor any relevant “assessable pollutants” as specified under the Load Based Licensing Scheme (under the Protection of the Environment Operations (General) Regulation 2009) in the combined cooling water discharge from the Tallawarra Stage A and B plants into the outlet canal, downstream of the attemperation mixing zone.			Not Triggered												
4.13 WATER QUALITY MONITORING	<p>In the event that a combined cycle plant is constructed, the Proponent shall monitor the pollutants specified in Table 11 in the blowdown discharge from the cooling tower system. Monitoring shall be undertaken on a daily basis for the first 30 days of post commissioning operations with the frequency of monitoring to be reviewed and specified by the Secretary following review of the monitoring results for the 30 day period. Daily monitoring is to continue until otherwise specified.</p> <p>Table 11 - Water Quality Monitoring</p> <table><tr><th>Pollutant</th><th>Units of Measure</th><th>Frequency</th><th>Sampling Method</th></tr><tr><td>Hydrex 2470</td><td>mg/L</td><td>Daily</td><td>Grab sample with the monitoring methodology as approved by the EPA</td></tr><tr><td>Registered / permitted product containing peracetic acid</td><td>mg/L</td><td>Daily</td><td>Grab sample with the monitoring methodology as approved by the EPA</td></tr></table>	Pollutant	Units of Measure	Frequency	Sampling Method	Hydrex 2470	mg/L	Daily	Grab sample with the monitoring methodology as approved by the EPA	Registered / permitted product containing peracetic acid	mg/L	Daily	Grab sample with the monitoring methodology as approved by the EPA			Not Triggered
Pollutant	Units of Measure	Frequency	Sampling Method													
Hydrex 2470	mg/L	Daily	Grab sample with the monitoring methodology as approved by the EPA													
Registered / permitted product containing peracetic acid	mg/L	Daily	Grab sample with the monitoring methodology as approved by the EPA													

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
4.14 WEATHER MONITORING	The Proponent shall monitor the weather parameters in Table 12 on site in accordance with the specified sampling methods, units of measure, averaging periods and frequency.			Not Triggered
4.15 HAZARD AUDIT	Twelve months after the commencement of operation of the project, or within such period otherwise agreed by the Secretary, the Proponent shall commission an independent, qualified person or team to undertake a comprehensive Hazard Audit of the project. Further Hazard Audits shall be undertaken every three years thereafter. Hazard Audits shall be carried out in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 5 - Hazard Audit Guidelines.			Not Triggered
5. COMPLIANCE REPORTING AND AUDITING				
5.1 INCIDENT NOTIFICATION, REPORTING AND RESPONSE	The Secretary must be notified in writing via the Major Projects website immediately after the Proponent becomes aware of an incident. The notification must identify the development (including the application number and the name of the development if it has one) and set out the location and nature of the incident. Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set out in Appendix 1.	Discussion with EA, response to data request.	EA advised as N/A - no incidences	Not Triggered
5.2 NON-COMPLIANCE NOTIFICATION	The Secretary must be notified in writing via the Major Projects website within seven days after the Proponent becomes aware of any non-compliance.	Discussion with EA, response to data request.	EA advised as N/A - no n/cs.	Not Triggered
5.3 NON-COMPLIANCE NOTIFICATION	A non-compliance notification must identify the development and the application number for it, set out the condition of approval that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.	Discussion with EA, response to data request.	EA advised as N/A - no n/cs.	Not Triggered
5.4 NON-COMPLIANCE NOTIFICATION	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	n/a	Noted	
5.5 COMPLIANCE REPORTING	Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Requirements outlined in the Compliance Reporting Post Approval Requirements (2020).	Discussion with EA, response to data request.	First compliance report due no later than 52 week after the commencement of operations	Not Triggered
5.6 COMPLIANCE REPORTING	Compliance Reports must be submitted to the Department in accordance with the timeframes set out in the Compliance Reporting Post Approval Requirements (2020), unless otherwise agreed to by the Secretary.	Discussion with EA, response to data request.	First compliance report due no later than 52 week after the commencement of operations	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
5.7 COMPLIANCE REPORTING	The Proponent must make each Compliance Report publicly available within 60 days of submitting it to the Secretary, unless otherwise agreed by the Secretary.	Discussion with EA, response to data request.	First compliance report due no later than 52 week after the commencement of operations	Not Triggered
5.8 COMPLIANCE REPORTING	Notwithstanding the requirements of the Compliance Reporting Post Approval Requirements (2020), the Secretary may approve a request for ongoing annual operational compliance reports to be ceased, where it has been demonstrated to the Secretary's satisfaction that an operational compliance report has demonstrated operational compliance.	n/a - project is in construction phase	n/a - project is in construction phase	Not Triggered
5.9 INDEPENDENT ENVIRONMENTAL AUDIT	Independent Audits of the project must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020).	This audit	This Independent Environmental Audit of Tallawarra B Power Station (the project), being the third construction audit and is being undertaken at an interval less than 26 weeks from the date of the second Independent Audit and in accordance with Schedule 2, Condition 5.9-5.10 of project approval MP07_0124, as modified (the approval).	Compliant
5.10 INDEPENDENT ENVIRONMENTAL AUDIT	Proposed independent auditors must be agreed to in writing by the Secretary prior to the commencement of an Independent Audit.	Letters dated 26/02/2021 and 28/09/2021 from DPIE to Energy Australia	Letter dated 26/02/2021 from Katrina O'Reilly, Team Leader - Compliance DPIE sighted, granting approval of the audit team for the upcoming Independent Environmental Audit of Tallawarra B Power Station. Ryan Maxwell endorsed as an alternative lead auditor in correspondence from DPIE on 28/09/2021.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
5.11 INDEPENDENT ENVIRONMENTAL AUDIT	The Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in the Compliance Reporting Post Approval Requirements (2020), upon giving at least 4 weeks' notice (or timing) to the Proponent of the date upon which the audit must be commenced.	No requests received	Noted, no requests received	Not Triggered
5.12 INDEPENDENT ENVIRONMENTAL AUDIT	In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Proponent must: a) review and respond to each Independent Audit Report prepared under condition 5.11 or condition 5.13 of this approval where notice is given by the Secretary;	Previous IEA report Proponents response	The previous IEA contained an audit plan in the Independent Audit Report to cover this. This was reviewed and responded by the proponent prior to the report being finalised and lodgement with DPE Proponent Response to Audit Findings (submitted with Final IA Report) 8 Dec 2022) accessed from EA website.	Compliant
	b) Submit the response to the Secretary; and	Previous IEA report Email Tallawarra B Power Station - Post Approval Document Received - (MP07_0124-PA-57) dated 8/12/22 TALLAB-NSWG-10111-ACA140-0003-02.0.IFI	DPE letter dated 13/12/22 (TALLAB-NSWG-10111-ACA140-0003-02.0.IFI) states report submitted for the Planning Secretary's consideration as required. Proponent Response to Audit Findings submitted with Final. DPE said "Please ensure you include a status update for actions proposed to address non-compliance with Condition 3.27 in the next Audit Report, until the action is completed." Email of 8/12/22 from DPE to EA confirms submission of report.	Compliant
	c) Make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Secretary, unless otherwise agreed by the Secretary.	TALLAB-NSWG-10111-ACA140-0003-02 ' TALLAB-EA-10111-AQA020-0002 evidence of date of upload to website .	TALLAB-NSWG-10111-ACA140-0003-02 - Letter of Approval from the New South Wales Government - Independent Environmental Audit 22nd April 2022 - 28th October 2022 sighted. TALLAB-EA-10111-AQA020-0002 - Tallawarra B Independent Environmental Audit 2 Report Upload to Public Web Page sighted, which shows approval to upload and the confirmation of page being live on 12 December 2022.	Compliant
5.13 INDEPENDENT ENVIRONMENTAL AUDIT	Independent Audit Reports and the Proponent's response to audit findings must be submitted to the Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approvals Requirements (2020), unless otherwise agreed by the Secretary.	Previous IEA report Email Tallawarra B Power Station - Post Approval Document Received - (MP07_0124-PA-57) dated 8/12/22 TALLAB-NSWG-10111-ACA140-0003-02.0.IFI	DPE letter dated 13/12/22 (TALLAB-NSWG-10111-ACA140-0003-02.0.IFI) states report submitted for the Planning Secretary's consideration as required. Proponent Response to Audit Findings submitted with Final. DPE said "Please ensure you include a status update for actions proposed to address non-compliance with Condition 3.27 in the next Audit Report, until the action is completed." Email of 8/12/22 from DPE to EA confirms submission of report.	Compliant
5.14 INDEPENDENT ENVIRONMENTAL AUDIT	Notwithstanding the requirements of the Independent Audit Post Approvals Requirements (2020), the Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Secretary's satisfaction that independent operational audits have demonstrated operational compliance.	n/a	No requests received - project in construction phase	Not Triggered
6. COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT				
6.1 COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT	Subject to confidentiality, the Proponent shall make all documents required under condition 6.4 of this approval available for public inspection on request.	Discussion with EA, response to data request.	There have there been no requests. Relevant project information is made available on: https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project	Compliant
	Prior to the commencement of construction of the project, the Proponent shall ensure that the following are available for community complaints for the life of the project (i.e. construction and operation): a) a telephone number on which complaints about construction and operational activities at the site may be registered;	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure Complaints Register Jul 2022 Website https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project	CEMP Section 11.1 to 11.3; EMS, Section 3.2 reviewed, and these outline the complaints management processes. The TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure and TALLAB-EA-10111-AQA030-0001 - Rev 0 - Complaints Register reviewed. Relevant project information is made available on: https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project (information"phonenummer and email) A telephone number on which complaints about construction and operational activities at the site may be registered is active. Has been checked.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
6.2 COMPLAINTS PROCEDURE	b) a postal address to which written complaints may be sent; and	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure TALLAB-EA-10111-AQA030-0001 - Rev 0 - Complaints Register Complaints Register Jul 2022 Website https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project	CEMP Section 11.1 to 11.3; EMS, Section 3.2 reviewed, and these outline the complaints management processes. The TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure and TALLAB-EA-10111-AQA030-0001 - Rev 0 - Complaints Register reviewed. Relevant project information is made available on: https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project A Postal address to which complaints about construction and operational activities at the site may be registered is active.	Compliant
	c) an email address to which electronic complaints may be transmitted. The telephone number, the postal address and the email address shall be displayed on a sign near the entrance to the site, in a position that is clearly visible to the public, and which clearly indicates the purpose of the sign. The telephone number, postal address and email address shall be published in a newspaper circulating in the local area prior to the commencement of construction of the project and prior to the commencement of operation. The details shall also be provided on the website required by condition 6.4 of this approval.	TALLAB-EA-10111-AQB070-0015 - Community Consultation Program (CCP) TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure Complaints Register Jul 2022 TALLAB-EA-10111-ABD020-0002 - Rev 0 - Tallawarra B Project Public Notice - Significant Infrastructure and Community Feedback and Complaints Procedure (includes invoice from Rural Press for notice) Site inspection	CEMP Section 11.1 to 11.3; EMS, Section 3.2 reviewed, and these outline the complaints management processes. The TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure and TALLAB-EA-10111-AQA030-0001 - Rev 0 - Complaints Register reviewed. Relevant project information is made available on: https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project An email address to which complaints about construction and operational activities at the site may be registered is active. The Public Notice - Significant Infrastructure and Community Feedback and Complaints Procedure indicated the project was to commence in Jan 2022, and provided all required contact details. Invoice from Rural Press shows this was run in the Illawarra Mercury on 31/01/2022, which is prior to the commencement of construction. Site inspection verified a sign with relevant details at the entrance.	Compliant
6.3 COMPLAINTS PROCEDURE	<p>The Proponent shall record details of all complaints received through the means listed under condition 6.2 of this approval in an up-to-date Complaints Register. The Register shall record, but not necessarily be limited to:</p> <p>a) the date and time of the complaint;</p> <p>b) the means by which the complaint was made (telephone, mail or email);</p> <p>c) any personal details of the complainant that were provided, or if no details were provided, a note to that effect;</p> <p>d) the nature of the complaint;</p> <p>e) any action(s) taken by the Proponent in relation to the complaint, including any follow-up contact with the complainant; and</p> <p>f) if no action was taken by the Proponent in relation to the complaint, the reason(s) why no action was taken.</p> <p>The Complaints Register shall be made available for inspection by the Secretary upon request. The Complaints Register for the project may be incorporated into an existing complaints handling system managed by the Proponent if it is demonstrated to meet the requirements of condition 6.3.</p>	<p>TALLAB-EA-10111-AQB070-0015 - Community Consultation Program (CCP)</p> <p>TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure</p> <p>Tallawarra B Project - Complaints register 2022 – 2023</p> <p>TALLAB-EA-10111-AQA030-0001.2 is titled "Complaints Register 2022 - 2023".</p>	CEMP Section 11.1 to 11.3; EMS, Section 3.2 reviewed, and these outline the complaints management processes. The TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure and Complaints Register Jul 2022 Complaints register reviewed and it contains the relevant columns to record this information.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
6.4 ACCESS TO INFORMATION	<p>Before the commencement of construction until the completion of all rehabilitation required under this approval, the Proponent must:</p> <p>a) make the following information and documents (as they are obtained, approved or as otherwise stipulated within the conditions of this approval) publicly available on its website:</p> <ul style="list-style-type: none"> • the EIS; • all current statutory approvals for the project; • all approved strategies, plans and programs required under the conditions of this approval; • the proposed staging plans for the project if the construction, operation or decommissioning of the project is to be staged; • regular reporting on the environmental performance of the project in accordance with the reporting requirements in any plans or programs approved under the conditions of this approval; • a comprehensive summary of the monitoring results of the project, reported in accordance with the specifications in any conditions of this approval, or any approved plans and programs; • a summary of the current phase and progress of the project; • contact details to enquire about the development or to make a complaint; • a complaints register, updated monthly; • the Annual Reviews of the project; • audit reports prepared as part of any Independent Environmental Audit of the project and the Proponent's response to the recommendations in 	<p>Reviewed https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project on 13/03/2022</p>	<p>The following documents are presented:</p> <ul style="list-style-type: none"> • all current statutory approvals for the project; • all approved strategies, plans and programs required under the conditions of this approval; • a summary of the current phase and progress of the project; • contact details to enquire about the development or to make a complaint; • a complaints register which is up to date • the EIS; • audit reports prepared as part of any Independent Environmental Audit of the project and the Proponent's response to the recommendations in any audit report <p>No Annual Reviews, environmental performance are yet due. No monitoring results of the project are yet required in accordance with the specifications in any conditions of this approval, or any approved plans and program. No other matter have been required by the Secretary.</p> <p>While there is staging of the 132kV line, there will not be separate staging plans for the project therefore no separate plans to go on website. This has been covered in the CEMP and all subplans which have been approved. EA has lodged a consistency assessment with EA to clarify potential impacts of the 132kV line and is waiting for response. ☐</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	b) keep such information up to date, to the satisfaction of the Secretary.		Documentation presented is up to date, with the exception of the complaints register which is required to be updated monthly Register on the website has an entry for each month, i.e. "No complaints recorded", leaving no doubt about the report being up to date	Compliant
6.5 COMMUNITY CONSULTATION	At least one month prior to the commencement of construction of the project, or within such a period otherwise agreed by the Secretary, the Proponent shall prepare and implement a Community Consultation Program. The program shall be ongoing throughout the construction phase of the project and for at least the first 12 months of operation. The program shall include, but not necessarily be limited to: a) the general types of information on the timing, progress, construction, operation and environmental management of the project;	TALLAB-EA-10111-AQB070-0015 - Community Consultation Program (CCP) TALLAB-EA-10111-ACA140-0010.0 IFU Letter of approval	Sighted TALLAB-EA-10111-AQB070-0015 - Community Consultation Program (CCP), EA approved for submission to DPIE on 4/11/21 . Sighted approval by DPIE Wayne Jones Team Leader - Post Approval on 28/01/2022.	Compliant
	b) the means by which the information would be provided to the community (for example, presented at regular meetings, published in regular newsletters etc);		Table 8-1 outlines recommended community engagement activities that will be implemented to support Tallawarra power station operations and the Tallawarra B project delivery.	Compliant
	c) the spatial extent of the community to be consulted; and	TALLAB-EA-10111-AQB070-0015 - Community Consultation Program (CCP) TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure	pg 16 states: <i>The spatial extent of the community that has been and will continue to be consulted covers the Shellharbour City Council and Wollongong City Council local government areas, which incorporates the adjacent suburbs of Dapto, Koonawarra and Haywards Bay.</i>	Compliant
	d) a mechanism through which the community can provide feedback to the Proponent in relation to the environmental management and impacts of the development. The Program shall be submitted for the approval of the Secretary, prior to the commencement of construction of the development.	TALLAB-EA-10111-AQA030-0001 - Rev 0 - Complaints Register	Mechanisms are outlined in 7.3 Stakeholder complaints and enquiries (p18) Sighted TALLAB-EA-10111-AQB070-0015 - Community Consultation Program (CCP), EA approved for submission to DPIE on 4/11/21 and approved by DPIE on 20/12/2021	Compliant
7. ENVIRONMENTAL MANAGEMENT				
7.1 ENVIRONMENTAL REPRESENTATIVE	At least one month prior to the commencement of any site preparation and/or construction activities, or as otherwise agreed by the Secretary, the Proponent shall nominate for the approval of the Secretary a suitably qualified and experienced Environmental Representative(s) independent of the design and construction personnel. The Proponent shall engage the Environmental Representative(s) during all construction activities, or as otherwise agreed by the Secretary. The Environmental Representative(s) shall be the Proponent's principal point of advice in relation to the environmental performance of the project and shall have responsibility for: a) overseeing the implementation of all construction environmental management plans and monitoring programs required under this	TALLAB-EA-10111-ACC030-0001 - Consultancy Agreement - Vantage Environmental Management Pty Ltd TALLAB-EA-10111-ACA140-0020 - Environmental Representative - Letter of Approval Monthly reports by ER between Oct22 and Jan23 (TALLAB-VAN-10111-ABB010-0001-17 to TALLAB-VAN-10111-ABB010-0001-20) and DPIE post approval acknowledgement of same has been received TALLAB-NSWG-10111-ACC100-0001-17 to TALLAB-NSWG-10111-ACC100-0001-20). DPE written confirmation of contents (TALLAB-NSWG-10111-ACA140-0001-17 to TALLAB-NSWG-10111-ACA140-0001-20) Subsequent lodgement of Feb23 ER report and receipt of submission sighted 21.3.23	Sighted the Consultancy Agreement - Vantage Environmental Management Pty Ltd between EA and Vantage dated 07-Jun-2021. This agreement includes requirements a), b) and c) in it's scope and the period of engagement is for 3 years covering construction, through to Feb 2024. Sighted Environmental Representative - Letter of Approval 18/12/2020 from DPE approving the ER and alternate ER. Environmental Representative's Monthly Report - Oct 2022 to Jan 2023 sighted, together with lodgement to DPE (Post Approval Acknowledgement of Receipt by New South Wales Government sighted) and DPE acknowledgement letters.	Compliant
	b) considering and advising the Proponent on its compliance obligations against all matters specified in the conditions of this approval and the Statement of Commitments as referred to under condition 1.1c) of this approval, and permits and licences; and			Compliant
	c) having the authority and independence to recommend to the Proponent reasonable steps to be taken to avoid or minimise unintended or adverse environmental impacts, and, failing the effectiveness of such steps, to recommend to the Proponent that relevant activities are to be ceased as soon as reasonably practicable if there is a significant risk that an adverse impact on the environment will be likely to occur			Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.2 CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN	The Proponent shall prepare a Construction Environmental Management Plan (CEMP) to outline environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with the Guideline for the Preparation of Environmental Management Plans (Department of Infrastructure, Planning and Natural Resources, 2004), or its latest version, and shall include, but not necessarily be limited to: a) a description of all activities to be undertaken on the site during construction including an indication of stages of construction;	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22. TALLAB-UGL-10111-AQB070-0002 - UGL Construction Environmental Management Plan (CEMP) TALLAB-UGL-10111-ABD080-0001 - Independent Audit UGL Supporting Records - 3.19, 3.20, .3., 3.4 Environmental Inspections CEMP Rev_2.5 dd 06Jun22 EMS Rev_2.4 dd 03Feb23 TALLAB-UGL-10111-ABD080-0009.C	CEMP Rev_2.5 dd 06Jun22 In Audit 3 Data folder. Refers to sub plans and the EWMS for a specific activity. The CEMP sets out the key construction activities in para 6.4 EMS Rev_2.4 dd 03Feb23 Refers to CEMP sub plans and EWMS. Also explicitly refers to these Conditions of Approval (CoA). EA advises that DPIE approved the staged commencement of construction with the approved CEMP and subplans. Commencement of the 132kV transmission line is the staged component, and the CEMP and subplans will be updated to include the 132kV transmission line once the DPIE endorses the associated Consistency Assessment. Reviewed 'CEMP_Tallawarra_B-Version-2.3 clean 2022-01-21 Revision 2.3', and it says <i>'EnergyAustralia proposes to revise the transmission line alignment compared to the existing alignment as shown in the original EIS. To ensure that we incorporate the measures to improve the environmental performance of the project associated with the clearance of vegetation for the transmission line, EA proposes to stage the approval of the relevant management plans.</i> The construction activities documented in the CEMP include works in the Transmission line easement. It does say removal of any redundant transmission towers would be subject to separate approvals that would be obtained by the authorised network operator, but the works still say (p17) Transmission line installation: Existing redundant transmission lines and towers would be removed where necessary. New prefabricated transmission poles will be installed along the transmission route in accordance with Endeavour Energy requirements. New transmission lines would be strung along the poles. EA advised the inclusion of the transmission lines in the scope means there is no need for a significant rework of CEMP and sub plans, but an update will still occur once the consistency assessment review is completed by DPE. UGL CEMP for the Tallawarra B Switching Station and 132kV extension, dated 22/8/22. In line with guidelines and covers a description of all activities to be undertaken on the site during construction. Dovetails into EA CEMP as it was done after review of same. recognises the need to comply with approval. EWMS, refers to CEMP Sub Plans 16.1 - 16.12 for each of 12 categories, ie soil, surface water, biosecurity etc. Stipulates all activities to be undertaken including responsibility, as well as risk assessment & controls Some work undertaken within the project area. Pictures of where lines are to go. UGL close to finishing. Re-energised Sunday. Rehab plan	Compliant
	b) Statutory and other obligations that the Proponent is required to fulfil prior to and during construction including all approvals, consultations and agreements required from authorities and other stakeholders, and key legislation and policies;	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22. TALLAB-UGL-10111-AQB070-0002 - UGL Construction Environmental Management Plan (CEMP) TALLAB-UGL-10111-ABD080-0001 - Independent Audit UGL Supporting Records - 3.19, 3.20, .3., 3.4 Environmental Inspections	Statutory and other obligations covered in Section 5. On UGL CEMP, environmental accountabilities and responsibilities for all applicable project roles in S3.4, S4. Legal register is in app B.	Compliant
	c) Details of how the environmental performance of the construction works will be monitored, and what actions will be taken to address identified potential adverse environmental impacts. In particular, the following environmental performance issues shall be addressed in the Plan - i) measures to monitor and manage dust emissions in consultation with the EPA, ii) measures, prepared in consultation with Wollongong City Council, to reduce the visual impacts of the project, including landscape plans illustrating the proposed landscape planting and any embankment works, iii) measures, prepared in consultation with Wollongong City Council	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22. CEMP Appendix E: Noise and Air Quality Management Sub Plan (TALLAB-EA-10111-AQB070-0010 - Noise and Air Quality Management Sub-Plan) TALLAB-EA-10111-AQB070-0009 - Flora and Fauna Management Sub-Plan (FFMP) TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP) TALLAB-UGL-10111-AQB070-0002 - UGL Construction Environmental Management Plan (CEMP) TALLAB-UGL-10111-ABD080-0001 - Independent Audit UGL	Section 6 of AQB070-0010 - Noise and Air Quality Management Sub-Plan contains measures to monitor dust. Table 5.1 gives a Consolidated conditions, commitments, safeguards and management measures which includes dust management. Viewed consultation log. Included consultation with EPA between 26/8/21 and 12/10/21 via phone, email and meetings. CEMP Appendix G: Flora and Fauna Management Sub Plan contains Appendix E: Landscape plan; Appendix H: Soil and Water Management Sub Plan. Consultation log in appendix shows consultation with Wollongong City Council undertaken in regards to FFMP, general management procedures and landscape plan and flooding. On UGL CEMP, monitoring is in S14, Mitigation in S11 and a number of subplans are included for different aspects	Compliant
	d) electricity transmission route alignment sheets identifying the exact location of the proposed transmission lines and the location of any threatened species, threatened species habitat and Aboriginal objects in the vicinity;	Construction Environmental Management Plan (CEMP) MP07_0124 File CEMP_Tallawarra_B-Version-2.4 clean, 2022-06-06 Revision 2.5. CEMP Section 7.4: Project GeoPortal CEMP Appendix B: Sensitive Area Maps TALLAB-UGL-10111-AQB070-0002 - UGL Construction Environmental Management Plan (CEMP) TALLAB-UGL-10111-ABD080-0001 - Independent Audit UGL Supporting Records - 3.19, 3.20, .3., 3.4 Environmental Inspections	CEMP Appendix B: Sensitive Area Map shows location of the proposed transmission lines. Viewed the Project GeoPortal online on 22/4 with EA. This allows dynamic, high res access to aerial imagery, construction footprints and sensitive area layers. Had noted in meeting that there the route alignment sheets were updated but reviewed the CEMP update table (TALLAB-EA-10111-AQB070-0017.0.IF) and can't see any notes. Also note there has been a survey of veg along the electricity transmission route - no updates arising, no EEC can be cleared from this site. UGL's CEMP is covering the transmission line	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	e) a description of the roles and responsibilities for key personnel involved in the construction of the project;	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22.	CEMP, Section 8 sets out organisation structure, resources and responsibilities UGL covered in S4	Compliant
	f) the issue-specific management plans required under condition 7.3 of this approval; and	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22.	CEMP sub-plan requirements / commitments outlined in Table 7.1; documents sighted as part of this audit (see sections CoA 7.3 a - e below as well as CoA 3.58). On UGL CEMP, monitoring is in S14, Mitigation in S11 and a number of subplans are included for different aspects in s16	Compliant
	g) complaints handling procedures during construction consistent with condition 6.2 of this approval. The Plan shall be submitted for the approval of the Secretary no later than one month prior to the commencement of any construction works associated with the project, or within such period otherwise agreed by the Secretary. Construction works shall not commence until written approval has been received from the Secretary.	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22. Letter of Approval from DPIE dated 28/01/2022	CEMP Section 11.1 to 11.3; EMS, Section 3.2 reviewed, and these outline the complaints management processes. The TALLAB-EA-10111-ABD020-0001 - Rev 0 - Complaints Handling Procedure and TALLAB-EA-10111-AQA030-0001 - Rev 0 - Complaints Register reviewed. The plans were submitted to DPE for approval on 21 December 2021. In response, DPE said in its response, dated 24 December 2021: Following careful consideration of the submitted Management Plans and Consistency Assessment, the Department approves the commencement of Construction activities conditionally. The CEMP was approved by Wayne Jones Team Leader - Post Approval DPIE, noting "Accordingly, the Secretary has approved the Construction Environmental Management Plan (Revision 2.3, dated 21 January 2022). Letter of Approval from DPIE dated 28/01/2022 sighted. UGL covers complaints in S14.5	Compliant
	The Proponent must implement the approved CEMP for the project.	ER reports betw Oct 2022 - Jan 2023. TALLAB-UGL-10111-ABT010-0001 - UGL induction TALLAB-UGL-10111-ABD080-0001 - Independent Audit UGL Supporting Records - 3.19, 3.20, .3., 3.4 Environmental Inspections GECL Enviro Checklists Noise monitoring monthly reports Veg clearing approvals PESCPs Training & Induction records for GECL (TALLAB-GECL-10111-ABD080-0011.1.IFI) Checklists and other documentation evidencing implementation TALLAB-GECL-10111-ABD080-0011 - Independent Audit GECL Supporting Records - 7.3 TMP Induction TALLAB-UGL-10111-ABD080-0009 - Independent Audit UGL Supporting Records – 7.2 Construction Environmental Management Plan TALLAB-UGL-10111-ABD080-0010 - Independent Audit UGL Supporting Records – 7.6 Environmental Management Strategy Site inspection	Reviewed monthly ER reports . Showed no n/cs, no complaints. In relation to the induction, it stated: The ER conducted a detailed review of the content of the environment module of the site induction for Project works during Aug 2022. A series of toolbox talks were also reviewed. Based on the review it was deemed that the induction content package was a thorough and proactive measure to ensure an on-going high standard of environmental protection and compliance. GECL has provided enviro modules as evidence. plus full induction modules and spreadsheets of those who have been inducted. TALLAB-UGL-10111-ABT010-0001 - UGL Tallawarra B Substation Site Induction Presentation - is an 84-page .PPT presentation for site induction covering Health, Safety, Security & Environment. CEMP Rev _2.5 dd 06Jun22. Refers to sub plans and the EWMS for a specific activity. TALLAB-UGL-10111-ABD080-0009.C Induction & Training Register 3200-0665 Contains induction details for 189 individuals for the period 19/05/22 to 19/02/23, all marked as completed induction for Cultural Awareness and Environmental Induction. The induction in this area appears to be thorough. TALLAB-UGL-10111-ABD080-0005.C and TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspection checklists for period covering Oct22-Feb23. Plus sighted the full GECL enviro checklist changed with 79 checklist items which is then reduced to those necessary during audits. TALLAB-GECL-10111-ABD080-0008.1 and TALLAB-GECL-10111-ABD080-0007.1 ERSED control plans. See CoA 3 for details	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.3 CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN	As part of the CEMP for the project, required under condition 7.2 of this approval, the Proponent shall prepare and implement the following: a) a Noise Management Plan to detail measures to mitigate and manage noise during construction works, consistent with the Interim Construction Noise Guideline (Department of Environment and Climate Change, 2009), or its latest version. The Plan shall include, but not necessarily be limited to - i) procedures to ensure that all reasonable noise mitigation measures are applied during construction works, ii) details of construction activities (including construction traffic) and equipment that have the potential to generate noise and/or vibration impacts on sensitive receivers, iii) the construction noise and vibration objectives for the project and all reasonable and feasible noise and vibration mitigation measures that will be implemented to control construction noise and vibration impacts, particularly where the objectives are predicted to be exceeded, iv) procedures for assessing noise levels at sensitive receivers and compliance, and v) procedures for notifying sensitive receivers of construction activities that are likely to affect their noise and vibration b) a Traffic Management Plan prepared in consultation with TfNSW, Wollongong City Council and emergency services to manage the construction traffic and access impacts of the project including, but not necessarily limited to - i) details of how construction of project infrastructure will be managed in proximity to local and regional roads, ii) details of traffic routes for heavy vehicles, including any necessary route or timing restrictions for oversized loads, iii) construction vehicle volumes (construction personnel, heavy vehicle movements and oversized loads), iv) measures to ensure traffic volume, acoustic and amenity impacts along construction vehicle routes are minimised, v) details of construction activities that would require disruption to traffic such as road closures and measures to minimise impacts, vi) Construction Vehicle Code of Conduct to set driver behaviour controls to minimise impacts on land uses along haulage routes, and vii) evidence that all statutory responsibilities with regard to road traffic impacts have been complied with;	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22. CEMP Appendix E: Noise and Air Quality Management Sub Plan (TALLAB-EA-10111-AQB070-0010 - Noise and Air Quality Management Sub-Plan)	Appendix E of the CEMP provides a Noise and Air Quality Management Sub Plan NAQMP-Tallawarra-B-Revision-2.3 clean, 2022-02-03. The noise management measures were prepared in consultation with the EPA; states these are designed to comply with the Interim Construction Noise Guideline (Department of Environment and Climate Change, 2009). Section 6 of AQB070-0010 - Noise and Air Quality Management Sub-Plan contains measures to monitor dust. Table 5.1 gives a Consolidated conditions, commitments, safeguards and management measures. Viewed consultation log. Included consultation with EPA between 26/8/21 and 12/10/21 via phone, email and meetings. Section 5 contains the procedures to ensure that all reasonable noise mitigation measures are applied. Section 3.3 contains details of construction activities Section 1.4, 3.3, 3.4, 5 and 6 contains the construction noise and vibration objectives for the project and mitigation measures. Section 6 contains monitoring details. The Anticipated Out of Hours Construction Works document (p50) contains notification requirements The CEMP was approved by Wayne Jones Team Leader - Post Approval DPIE, noting "Accordingly, the Secretary has approved the Construction Environmental Management Plan (Revision 2.3, dated 21 January 2022). Letter of Approval from DPIE dated 28/01/2022 sighted.	Compliant
	c) a Flora and Fauna Management Plan to manage flora and fauna impacts during construction in consultation with the BCS. The Plan shall include, but not necessarily be limited to: i) details of all impacted and potentially affected threatened flora and fauna species (including ecological communities) and specific management procedures for each of these species, ii) general management procedures for both the removal of redundant transmission lines and construction of new transmission lines within vegetated areas, including the procedures for clearing vegetation and minimising the extent of clearing, weed management and the rehabilitation of any disturbed vegetation, and iii) proposed revegetation and rehabilitation measures, including completion criteria and monitoring, for any cleared areas, offset areas,	TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22. TALLAB-EA-10111-AQB070-0012 - Traffic Management Sub-Plan (TMP) TALLAB-GECL-10111-ABD080-0011 - Independent Audit GECL Supporting Records - 7.3 TMP Induction TALLAB-UGL-10111-ABT010-0001.C.IFR TALLAB-UGL-10111-ABD080-0001 - Independent Audit UGL Supporting Records - 3.19, 3.20, 3., 3.4 Environmental Inspections	Appendix F to this CEMP provides the Traffic Management Sub Plan. TALLAB-TMP-Version-2.3 clean, 2022-01-25 Revision 2.3 the agency consultation log (app A) details Transport for NSW, police and WCC consultation during the second half of 2021. Details for i) ii) and iii) are in section 3.1; v) and vi) is in Table 5.1. The code of conduct is in 3.2.8 Construction vehicle code of conduct and App C. The evidence that statutory responsibilities are covered are in Section 3.3 as well as the EMS (Section 7.6 & Appendix G) The CEMP was approved by Wayne Jones Team Leader - Post Approval DPIE, noting "Accordingly, the Secretary has approved the Construction Environmental Management Plan (Revision 2.3, dated 21 January 2022). Letter of Approval from DPIE dated 28/01/2022 sighted. Reviewed TALLAB-GECL-10111-ABD080-0011 - Independent Audit GECL Supporting Records - 7.3 TMP Induction and appears in order. Two modules, covering traffic access, movements, codes TALLAB-UGL-10111-ABT010-0001.C.IFR - covers site access. Weekly checklists cover traffic mgt. TALLAB-GECL-10111-ABD080-0003.0.IFITMP is not up to date and requires review. Last review was June 2021 and needs to be updated to be consistent with actual project activities. 45762-HSE-PL-G-1002 Rev 1. This is being reviewed General traffic mgt plan which feeds into the CEMP, under review at the moment. This feeds into the CEMP. Will also create a specific TMP for specific events.	Compliant
		TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22. TALLAB-EA-10111-AQB070-0009 - Flora and Fauna Management Sub-Plan (FFMP) TALLAB-EA-10111-ACA140-0012.0.IFU - EMS approval	Appendix G to this CEMP provides the Flora and Fauna Management Sub Plan.: FFMP_Tallawarra-B-Revision 2.4 clean 2022-02-02 Revision 2.4 Details for i) and ii) are covered within the document (S3, 4.3, and 6, with further details in App A, D and E. The Offset Plan sits within the EMS. The CEMP was approved by Wayne Jones Team Leader - Post Approval DPIE, noting "Accordingly, the Secretary has approved the Construction Environmental Management Plan (Revision 2.3, dated 21 January 2022). Letter of Approval from DPIE dated 28/01/2022 sighted. EMS approved by same officer 03/02/2022.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	<p>d) Soil and Water Management Plan prepared in consultation with the DPIE Water, EPA and Wollongong City Council to detail measures to mitigate and manage soil erosion and the discharge of sediment and other pollutants to land and/or water during construction. The Plan must include, but not necessarily be limited to:</p> <p>a) Identification of the construction activities that could cause soil erosion or discharge sediment or water pollutants from the site,</p> <p>b) A description of the management methods to minimise soil erosion or discharge of sediment or water pollutants from the site, including a strategy to minimise the area of bare surfaces and stabilise disturbed areas, and plan drawings showing the locations for sediment and erosion control measures,</p> <p>c) Demonstration that the proposed erosion and sediment control measures will conform with, or exceed, the relevant requirements of Managing Urban Stormwater: Soils and Construction (Landcom, 2004),</p> <p>d) Details on the installation, monitoring and maintenance requirements for each of the recommended measures for erosion and sediment control,</p> <p>e) Details of stormwater overflow paths and measures for managing</p>	<p>TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22.</p> <p>TALLAB-EA-10111-AQB070-0011 - Soil and Water Management Sub-Plan (SWMP)</p> <p>TALLAB-UGL-10111-ABT010-0001 - UGL Tallawarra B Substation Site Induction Presentation</p> <p>TALLAB-UGL-10111-ABD080-0001 - Independent Audit UGL Supporting Records - 3.19, 3.20, .3., 3.4 Environmental Inspections)</p>	<p>Appendix H to this CEMP provides the Soil and Water Management Sub Plan. SWMP-Tallawarra-B-Revision-2.5, 2022-01-18 Revision 2.5 sighted. The Soil and Water Management Sub Plan includes management measures prepared in consultation with EPA, DPIE Water and Wollongong City Council. Appendix A: Agency consultation log lists consultation action across 2020 and 2021. Item a) is covered in Section 3, and items b) c) d) e) and f) are addressed in Table 5.1 and Appendix D (Progressive erosion and sediment control plan).</p> <p>The CEMP was approved by Wayne Jones Team Leader - Post Approval DPIE, noting "Accordingly, the Secretary has approved the Construction Environmental Management Plan (Revision 2.3, dated 21 January 2022). Letter of Approval from DPIE dated 28/01/2022 sighted.</p> <p>TALLAB-UGL-10111-ABT010-0001 - UGL Tallawarra B Substation Site Induction Presentation - is an 84-page .PPT presentation for site induction covering Health, Safety, Security & Environment, including the objectives, targets and legal requirements related to the CEMP.</p> <p>TALLAB-UGL-10111-ABD080-0001 - Independent Audit UGL Supporting Records - 3.19, 3.20, .3., 3.4 Environmental Inspections - weekly Environmental Inspections checklists for the period 5 August 2022 to 16 September 2022 showing no (0) non-compliances in all categories and a Project Environmental Monthly Report dd 04 August 2022 stating zero (0) issues for the month and confirming current version of CEMP is Revision Rev B (17/05/2022).</p>	Compliant
	<p>e) Aboriginal Cultural Heritage Management Plan to manage potential Aboriginal cultural heritage impacts during construction in consultation with Heritage NSW. The Plan shall include, but not necessarily be limited to:</p> <p>i) Procedures for the management of any recorded sites within the project area including those required under condition 3.54 of this approval,</p> <p>ii) An Aboriginal Cultural Education Program for the induction of personnel and contractors involved in the construction of the project,</p> <p>iii) Details of proposed further archaeological investigations and/or salvage projects prior to impact as required under condition 3.56 of this approval,</p> <p>iv) Identification and management of previously unrecorded sties,</p> <p>v) Details of an appropriate keeping place agreement with local Aboriginal community representatives for any Aboriginal objects</p>	<p>TALLAB-EA-10111-AQB070-0003 - Construction Environmental Management Plan (CEMP) Rev 1 dated 4/2/22.</p> <p>TALLAB-EA-10111-AQB070-0008 - Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)</p> <p>TALLAB-GECL-10111-ABD080-0012 - Independent Audit GECL Supporting Records - 7.3 Cultural and Indigenous Engagement ER Sept 22 report</p> <p>ILALC consultation</p>	<p>Appendix I to this CEMP provides the Aboriginal Cultural Heritage Management Sub Plan TALLAB-ACHMP-Version-1.5, 2022-01-20 Revision 1.5. The document contains items i) to vi) within section 3, 5 asnd app B.</p> <p>The CEMP was approved by Wayne Jones Team Leader - Post Approval DPIE, noting "Accordingly, the Secretary has approved the Construction Environmental Management Plan (Revision 2.3, dated 21 January 2022). Letter of Approval from DPIE dated 28/01/2022 sighted.</p> <p>TALLAB-GECL-10111-ABD080-0012 - Independent Audit GECL Supporting Records - 7.3 Cultural and Indigenous Engagement appears to be a copy of the induction materials supporting Tallawarra B Power Station Project Cultural and Indigenous Engagement by Clough, covering Acknowledgement of Country, and an explanation of the project's various indigenous engagement initiatives. This complies with condition 7.3 (e)ii "... Aboriginal Cultural Education Program for the induction of personnel and contractors involved in the construction of the project..."</p> <p>Consultation with ILALC for this audit indicated no concerns. Monitoring has been undertaekn by ILALC for site during construcion.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.4 OPERATION ENVIRONMENTAL MANAGEMENT PLAN	The Proponent shall prepare an Operation Environmental Management Plan (OEMP) to detail an environmental management framework and the practices and procedures to be followed during operation of the project. The Plan shall be consistent with Guideline for the Preparation of Environmental Management Plans (Department of Infrastructure, Planning and Natural Resources, 2004), or its latest version, and shall include, but not necessarily be limited to:			Not Triggered
	a) Identification of all relevant statutory and other obligations that the Proponent is required to fulfil in relation to operation of the project, including all relevant approvals, licences, and permits;			
	b) Overall environmental policies, guidelines and principles to be applied to the operation of the project;			Not Triggered
	c) relevant standards to be applied to the project and details of how the environmental performance of the operation of the project will be monitored and managed to meet the standards. Environmental performance issues shall include, but not be limited to – i) Measures to monitor and maintain offset measures implemented in accordance with condition 3.41 of this approval, ii) Methods to monitor and maintain revegetated areas (including riparian areas) during the establishment phase and long term, iii) Ongoing measures to monitor and control the spread of weeds, iv) Ongoing measures to control soil erosion and sedimentation; v) Water management plan, prepared in consultation with the EPA, identifying clean water and dirty water (i.e. waste water streams) areas on site maps, waste water volumes, sources and pollutants, and details of the water management measures to be implemented to manage the specific pollutant streams and clean water runoff, vi) Procedures for planned and unplanned water discharges from the			Not Triggered
	d) a description of the roles and responsibilities for all relevant employees involved in the operation of the project;			Not Triggered
	e) a means by which environmental performance can be periodically reviewed and improved, where appropriate and what actions will be taken to address identified potential adverse environmental impacts;			Not Triggered
	g) management policies to ensure that environmental performance goals are met and to comply with the conditions of this approval; and			Not Triggered
	h) the environmental monitoring requirements outlined under conditions 4.5 to 4.14 of this approval, inclusive. The Plan shall be submitted for the approval of the Secretary no later than one month prior to the commencement of operation of the project, or within such period otherwise agreed by the Secretary. Operation shall not commence until written approval has been received from the Secretary. The Proponent must implement the approved OEMP for the project.			Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.5 OPERATION ENVIRONMENTAL MANAGEMENT PLAN	<p>a) an Air Quality Management Plan in consultation with the EPA to outline measures to manage impacts from the project on local and regional air quality. The Plan shall include, but not necessarily be limited to -</p> <ul style="list-style-type: none"> i) Identification of all major sources of particulate and gaseous air pollutants that may be emitted from the project, being both point-source and diffuse emissions, including identification of the major components and quantities of these emissions, ii) Monitoring for gaseous and particulate emissions from the project, iii) Procedures for the minimisation of gaseous and particulate emissions from the project, including pro-active and reactive management and response mechanisms, with specific reference to measures to be implemented and actions to be taken to minimise and prevent potential elevated air quality impacts on surrounding land uses as a consequence of meteorological conditions, upsets within the project, or the mode of operation of the project at any time, iv) Specific procedures for the management of generating efficiency and the minimisation of greenhouse gas emissions per unit of electricity generated, v) Procedures aimed at maximising the efficiency of the start-up and shut-down cycles for the project, vi) Provision for regular review of air quality monitoring data, with comparison of results against the predictions made in the document listed under condition 1.1c) <p>of this approval,</p>			Not Triggered
	<p>b) a Noise Management Plan in consultation with the EPA to detail measures to mitigate and manage noise during operation of the project. The Plan shall include, but not necessarily be limited to -</p> <ul style="list-style-type: none"> i) Identification of the noise limits specified under this approval, ii) Identification of operational activities that will be carried out and the associated noise sources, iii) Details of all management methods, procedures and mitigation measures that will be implemented to control individual and overall noise emissions from the site during operation, iv) Procedures for periodic consideration of noise impacts against the noise limits specified under this approval, v) Noise monitoring and reporting procedures, and vi) Procedures to generate suitable documentation for annual environmental auditing, that demonstrates that the noise limits specified under this approval are being met. 			Not Triggered
	<p>Prior to commencing construction, the Proponent must prepare an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must:</p> <ul style="list-style-type: none"> a) provide the strategic framework for environmental management of the project; 	<p>TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS)</p> <p>TALLAB-EA-10111-ACA140-0012 - Environmental Management Strategy (EMS) - Letter of Approval</p>	The EMS was approved by Wayne Jones Team Leader - Post Approval DPIE, on 03/02/2022, letter sighted. The framework is provided in Section 3.2 & 3.3.	Compliant
	<p>b) identify the statutory approvals that apply to the project;</p>	TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS)	Contained in section 2.	Compliant
	<p>c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;</p>	TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS)	Organisation structure, resources and responsibilities is covered in Section 4	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.6 ENVIRONMENTAL MANAGEMENT STRATEGY	d) describe the procedures that would be implemented to: Keep the local community and relevant agencies informed about the operation and environmental performance of the project; Receive , handle, respond to, and record complaints; Resolve any disputes that may arise; Respond to any non-compliance; Respond to emergencies ; and	TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS)	Communication and community engagement and complaints mgt is covered in Section 6; Emergency preparedness and response is in Section 5. Monitoring, measurement, analysis, and evaluation is in Section 7, and this includes responding to n/cs	Compliant
	e) include: references to any strategies, plans and programs approved under the conditions of this approval; and A clear plan depicting monitoring to be carried out under the conditions of this approval.	TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS) 'Construction monitoring commitment'	References to any strategies, plans and programs approved under the conditions of this approval is covered in Section 3 Monitoring, measurement, analysis, and evaluation is in Section 7, The 'Construction monitoring commitments' is a document the ENV has to keep on track on meeting their monitoring and record keeping commitments that appear in the sub plans. GC advised this has been turned into an "audit schedule" and has allowed the ENV team to share around the auditing with their line team.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	Following the Secretary's approval, the Proponent must implement the Environmental Management Strategy.	<p>ER reports: Oct 22 to Jan 23</p> <p>Environmental Management Strategy (EMS)</p> <p>GECL: Training & Induction records</p> <p>Monitoring records, Checklists and other documentation evidencing implementation</p> <p>UGL: Training & Induction records</p> <p>Monitoring records, Checklists and other documentation evidencing implementation</p> <p>TALLAB-UGL-10111-ABD080-0009 - Independent Audit UGL Supporting Records – 7.2 Construction Environmental Management Plan</p> <p>TALLAB-UGL-10111-ABD080-0010 - Independent Audit UGL Supporting Records – 7.6 Environmental Management Strategy Incident register</p> <p>Site inspection</p>	<p>Reviewed monthly ER reports. Showed no n/cs, no complaints.</p> <p>It stated: There were no (0) non-compliance issues identified during the reporting period with respect to the Project Approval and implementation of associated construction-related management strategies.</p> <p>In relation to the induction, it stated: The ER conducted a detailed review of the content of the environment module of the site induction for Project works during Aug 2022. A series of toolbox talks were also reviewed. Based on the review it was deemed that the induction content package was a thorough and proactive measure to ensure an on-going high standard of environmental protection and compliance.</p> <p>TALLAB-UGL-10111-ABD080-0009.C Induction & Training Register 3200-0665</p> <p>Contains induction details for 189 individuals for the period 19/05/22 to 19/02/23, all marked as completed induction for Cultural Awareness and Environmental Induction. Wrt previous Findings in 7.2, the induction in this area appears to be thorough.</p> <p>TALLAB-UGL-10111-ABD080-0009.C Example EWMS. Looks thorough, refers to CEMP and various sub-plans.</p> <p>TALLAB-UGL-10111-ABD080-0005.C and TALLAB-GECL-10111-ABD080-0002.1 Weekly enviro inspection checklists. See CoA 3 for details.</p> <p>TALLAB-GECL-10111-ABD080-0008.1 and TALLAB-GECL-10111-ABD080-0007.1 ERSED control plans. See CoA 3 for details</p> <p>Sighted complaints register (Jul 2022, but EA advises it is current). No complaints</p> <p>Sighted UGL induction; GECL Aboriginal heritage induction Sighted training & induction records for GECL.</p> <p>EA advises no incidents</p> <p>Monthly performance reports GECL for the period Feb22. Sighted enviro incidents in relation to compliance with the CEMP, CoA requirements and environmental performance by the contractor.</p>	Compliant
7.7 REVISION OF STRATEGIES, PLANS AND PROGRAMS	Within 3 months, unless the Secretary agrees otherwise, of: a) the submission of an incident report under condition 5.1 of this approval;	Discussion with EA, response to data request.	EA advised as N/A - no incidences	Not Triggered
	b) the submission of an Independent Environmental Audit report under condition 5.11 of this approval;	Latest revisions of CEMP and subplans	<p>Docs from website:</p> <ul style="list-style-type: none"> * CEMP_Tallawarra_B-Version-2.4 clean, 2022-06-06 Revision 2.5 - * EMS-Tallawarra-B-Version-2.4 clean All Appendices * FFMP_Tallawarra-B-Revision 2.5 clean 2022-02-02 Revision 2.5 * NAQMP-Tallawarra-B-Revision-2.4 clean, 2022-04-20 Revision 2.4 * SWMP-Tallawarra-B-Revision-2.6 clean, 2022-04-20 Revision 2.6 * ACHMP-Version-1.6 clean, 2022-06-06 Revision 1.6 * TALLAB-TMP-Version-2.5 clean, 2022-04-20 Revision 2.4 * TALLA-B-WMP-Version-2.3 clean, 2022-04-20 Revision 2.2 * Tallawarra-B-CCP-Version-1.3 clean <p>These show the EMS were update following the completion of the second IEA.</p> <p>Sighted evidence of the DPE approvals of all of the revised plans that were submitted for their approval (pls note the Community Consultation Plan wasn't revised).</p>	Compliant
	c) the approval of any modification to the conditions of this approval; or	Review of approval and modification, DPIE website https://pp.planningportal.nsw.gov.au/major-projects/projects/tallawarra-b-power-station accessed 21/4/22	n/a - plans developed since mod. Likely to submit next Mod mid-Oct. Tech assessments done. Waiting for over-arching Mod report.	Compliant
	d) a direction from the Secretary under condition 1.3 of this approval;	Discussion with EA, response to data request.	No directions issued yet, be EA expects there will be updated once 132kV transmission line consistency assessment is approved (see below)	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	<p>the Proponent must review and, if necessary, revise the studies, strategies or plans required under the conditions of approval to the satisfaction of the Secretary.</p> <p>Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted to the Secretary for approval, unless otherwise agreed with the Secretary.</p> <p>Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.</p>	<p>Discussion with EA, response to data request. Have updated offset plan; updated EMS TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4</p>	<p>Have updated offset plan; updated EMS Sighted DPE letter dated 22 December 2022 which approves the Vegetation Offset Plan, which was submitted in accordance with Condition 3.41 of Schedule 2 Sighted DPE letter dated 15/02/2023 which approves the updated Environmental Management Strategy, which was submitted in accordance with Condition 7.6 of Schedule 2. Sighted updated EMS (v2.4), with the updated offset plan. this has been uploaded to the project's website.</p>	Compliant
7.8 UPDATING AND STAGING OF STUDIES, STRATEGIES AND PLANS	<p>To ensure the studies, strategies and plans for the project are updated on a regular basis and incorporate any required measures to improve the environmental performance of the project, the Proponent may submit revised studies, strategies or plans required for the project under the conditions of approval at any time. With the agreement of the Secretary, the Proponent may also submit any study, strategy or plan required under the conditions of this approval on a staged basis.</p> <p>The Secretary may approve a revised strategy or plan required under the conditions of approval, or the stage submission of these documents, at any time. With the approval of the Secretary, the Proponent may prepare the revised or staged strategy or plan without undertaking consultation with all parties nominated under the applicable condition in this approval.</p> <p>Notes: <div> <div></div> <div>While any study, strategy or plan may be submitted on a progressive basis, the Proponent must ensure that the existing operations on site are covered by suitable studies, strategies or plans at all times.</div> </div> <div> <div></div> <div>If the submission of any study, strategy or plan is to be staged, then the relevant study, strategy or plan must clearly describe the specific stage to which the study, strategy or plan applies, the relationship of this stage to any future stages, and the trigger for updating the study, strategy or plan.</div> </div> </p>	<p>Discussion with EA, response to data request. Latest revisions of CEMP and subplans TALLAB-EA-10111-AQB070-0017.2.IFI - Revised CEMP and Sub-Plans Tracking Sheet</p>	<p>The Department approved the commencement of limited Construction activities (civils for gas turbine, drainage and roads) conditionally on 24/12/21. This was subject to a number of additional requirements (ref CoA 1.3 and CoA 7.6). The letter also said: EnergyAustralia's detailed design of the Project has resulted in some refinements to the Project Description. The design refinements include the following ancillary infrastructure: <ul style="list-style-type: none"> • alteration of the alignment of the transmission line required to connect the power station to the existing high voltage electricity network; and • an upgrade of an existing switchyard access track EA advises that DPIE approved the staged commencement of construction with the approved CEMP and subplans. Commencement of the 132kV transmission line is the staged component, and the CEMP and subplans will be updated to include the 132kV transmission line once the DPIE endorses the associated Consistency Assessment. The upgrade of the switchyard access track has been removed from the scope. DPIE approved the staged commencement of construction with the approved CEMP and subplans. Commencement of the 132kV transmission line is the staged component, and the CEMP and subplans will be updated to include the 132kV transmission line once the DPIE endorses the associated Consistency Assessment. Revision of Offset area now approved. Since last IEA the following have been updated: <ul style="list-style-type: none"> * EMS: Current version now 2.4. Approved by DPE on 22/12/22 (letter sighted) * Offset Plan. Current version now 2.4. Approved by DPE on 22/12/22 (letter sighted) EA provided a spreadsheet table documenting the changes, latest revisions and dates signed off and approved by DPIE. Shows the offset plan and EMS updates; plus the updates to the CCP completed (Mar23)</p>	Compliant

Appendix D | Site Inspection Photographs



Photo 1: Chemical storage container



Photo 2: Chemical storage.



Photo 3: DG signage present



Photo 4: Ground stabilised in material storage area



Photo 5: Lantana has been treated in EEC area



Photo 6: New towers erected



Photo 7: PESCP implementation and GPRS



Photo 8: Power island under construction



Photo 9: Sediment control in place adjacent to work area



Photo 10: Waste sorting & separation



Photo 11: Weed management

Appendix E | Consultation with Authorities

From: Shireen Baguley <SBaguley@molinostewart.com.au>

Sent: Tuesday, 28 February 2023 3:30 PM

To: Georgia Dragicevic <Georgia.Dragicevic@planning.nsw.gov.au>

Subject: 1313 Tallawarra Stage B Gas Turbine Power Station Project (07_0124) Independent Environmental Audit Consultation

Dear Georgia

The purpose of this correspondence is to obtain the input of the NSW Department Planning and Environment into the scope of the Independent Environmental Audit Molino Stewart has been approved to undertake for the Tallawarra Stage B Gas Turbine Power Station Project (SSI application number 07_0124) as per the Department of Planning, Industry and Environment DPIE approval dated 2010, and as modified in March 2016 and December 2020.

Please find attached a letter with further details and the schedule of audit conditions against which the audit will be conducted.

If the Department Planning, and Environment has any requirements it would like incorporated in the audit or particular parties or agencies that it recommends are included as part of the consultation component of this audit, it is requested that these parties and relevant contact details are disclosed to Molino Stewart in response to this letter by 14th [March](#), 2023

Best Regards,

Shireen Baguley - Principal

(My working days are Tuesday, Thursday, Friday)



Molino Stewart
Suite 3, Level 1
20 Wentworth St, Parramatta
PO Box 614
Parramatta CBD BC
Parramatta, NSW 2124
Switch: **02 9354 0300**
Direct: **02 9354 0302**
Mobile: **0417 804 900**
SBaguley@molinostewart.com.au

[MOLINO STEWART: Environment & Natural Hazards](#)

[Molino Stewart joins Water Technology](#)



From: Georgia Dragicevic <Georgia.Dragicevic@planning.nsw.gov.au>

Sent: Tuesday, March 14, 2023 3:45:49 PM

To: Shireen Baguley <SBaguley@molinostewart.com.au>

Subject: RE: 1313 Tallawarra Stage B Gas Turbine Power Station Project (07_0124) Independent Environmental Audit Consultation

Network Overdrive Security Advisory

Warning: Sender @Georgia.Dragicevic@planning.nsw.gov.au has never sent any emails to your organization.
Please be careful before replying or clicking on the URLs.

[Report Phishing](#) [Mark it Safe](#)

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Caution: External Email.

Hi Shireen,

The department has no specific concerns with the project at present time. Please undertake the audit in accordance with the consent condition.

Kind regards,

Georgia

Appendix F | Declaration of Independence Form

Declaration of Independence Form - Auditor


Project Name	Tallawarra Stage B Gas Turbine Power Station Project
Consent number	MP07-0124
Description of Project	Undertake an initial independent audit to determine whether the Tallawarra B's post approval requirements relating to Conditions of Approval (MP07-0124) have been met.
Project Address	Lot 109, DP 1050302, Yallah Bay Road, Yallah, NSW 2530
Proponent	Energy Australia
Date	20/05/2022

I declare that:

- i. I am not related to any proponent, owner, operator or other entity involved in the delivery of the project. Such a relationship includes that of employer/employee, a business partnership, sharing a common employer, a contractual arrangement outside an Independent Audit, or that of a spouse, partner, sibling, parent, or child;
- ii. I do not have any pecuniary interest in the project, proponent or related entities. Such an interest includes where there is a reasonable likelihood or expectation of financial gain (other than being reimbursed for performing the audit) or loss to the auditor, or their spouse, partner, sibling, parent, or child;
- iii. I have not provided services (not including independent reviews or auditing) to the project with the result that the audit work performed by themselves or their company, except as otherwise declared to the Department prior to the audit;
- iv. I am not an Environmental Representative for the project; and
- v. I will not accept any inducement, commission, gift or any other benefit from auditee organisations, their employees or any interested party, or knowingly allow colleagues to do so.

Notes:

- a) *Under section 10.6 of the Environmental Planning and Assessment Act 1979 a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and*
- b) *The Crimes Act 1900 contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both)*

Name of Proposed Auditor	Shireen Baguley
Signature	
Qualification	Exemplar Global Certified Lead Environmental Auditor (125758)
Company	Molino Stewart