



24<sup>th</sup> January 2025

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Energy Resources, and  
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Department of Planning and Environment  
GPO Box 3145  
Singleton NSW 2330

<b>Subject</b>	Proponents Response to IEA#3 Findings
<b>Project</b>	Waratah Super Battery
<b>Development Application Number</b>	SSI-48492458
<b>Proponent</b>	Energy Corporation of NSW
<b>Developer</b>	Munmorah Battery ProjectCo Pty Ltd ('Akaysha Energy')

Dear Wayne,

As per Section 4.3.2 of the Independent Audit PAR (2020), the proponent is required to submit their response to the audit findings to the department in a separate document to the final Independent Audit report.

Additionally as per requirement under DA condition C17 and C18, please consider this as Proponents' submission of Independent Audit Report #3 and formal response to 3<sup>rd</sup> Independent Environment Audit Report Issued on 7<sup>th</sup> January 2025 by Independent Auditor, and its findings.

Please refer to the below listed documents for your consideration:

- Appendix A – Independent Audit Report #3 issued 7<sup>th</sup> January 2025
- Appendix B - Proponents' response to non-compliances Independent Environmental Audit # 3 Report Appendix A
- Appendix C – Proponents' response to opportunities for improvement under section 4.2 of Independent Environmental Audit # 3 Report

Akaysha Energy looks forward to your consideration of this request.

Yours sincerely,

**Prabha Subramanian**  
**Project Manager Akaysha**  
**Energy**

**Waratah Super Battery Project**  
Akaysha Energy

## **Appendix A**

**Independent Environmental Audit # 3 Report Issued 7<sup>th</sup> January 2025**

Prepared for WSP

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# Independent Environmental Audit Report

## Waratah Super BESS

December 2024

Project Number: 230681

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## Document verification

Project Title: Waratah Super BESS

Project Number: 230681

Project File Name: 230681 Waratah Super BESS IEA Report #3\_Final v1.0

Revision	Date	Prepared by	Approved by
Draft v1.0	22/12/2024	W. Weir	N. Arens
Final v1.0	7/01/2025	W. Weir	N. Arens

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*We acknowledge the traditional owners of this land and pay our respect to Elders past, present and emerging. We recognise that the First Nations peoples of Australia have traditionally managed the resources of this land in a sustainable way, and that they are the original stewards of the Australian environment.*

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## Acronyms and abbreviations

<b>BESS</b>	Battery Energy Storage System
<b>BMP</b>	Biodiversity Management Plan
<b>BOM</b>	Australian Bureau of Meteorology
<b>CCC</b>	Central Coast Council
<b>CEMP</b>	Construction Environmental Management Plan
<b>CoA</b>	Condition of Approval
<b>Cth</b>	Commonwealth
<b>CPP</b>	Consolidated Power Projects
<b>DC</b>	Direct current
<b>DCCEEW</b>	Department of Climate Change, Energy, the Environment and Water (Cth)
<b>DCCEEW</b>	Department of Climate Change, Energy, the Environment and Water (NSW) (formerly DPE)
<b>DPE</b>	(Former) Department of Planning and Environment (NSW) (now DCCEEW and DPHI)
<b>DPHI</b>	Department of Planning, Housing and Infrastructure (NSW) (formerly DPE)
<b>EMS</b>	Environmental Management Strategy
<b>EnergyCo</b>	Energy Corporation of NSW
<b>EP&amp;A Act</b>	<i>Environmental Planning and Assessment Act 1979</i> (NSW)
<b>ESCP</b>	Erosion and Sediment Control Plan
<b>ESIP</b>	Emergency Services Information Package
<b>ERP</b>	Emergency Response Plan
<b>ha</b>	hectares
<b>IEA</b>	Independent Environmental Audit
<b>ISO</b>	International Organisation for Standardisation
<b>km</b>	kilometres

<b>kV</b>	kilovolt
<b>m</b>	metres
<b>mm</b>	millimetres
<b>MW</b>	megawatt
<b>MWh</b>	megawatt hour
<b>NSW</b>	New South Wales
<b>OFI</b>	Opportunity for improvement
<b>SIPS</b>	System Integrity Protection Scheme
<b>SSI</b>	State Significant Infrastructure
<b>TfNSW</b>	Transport for New South Wales
<b>TMP</b>	Traffic Management Plan



# 1. Introduction

## 1.1. Background

The Waratah Super Battery Energy Storage System (BESS) (the Project) involves the construction of an 850 megawatt (MW) / 1,680 MW hour (MWh) standby network battery, located within the decommissioned Munmorah Power Station, 40 kilometres (km) southwest of Newcastle in New South Wales (NSW). The Waratah Super BESS is designed to support the transmission grid by providing reserve transmission capacity and stability, allow Sydney, Newcastle, and Wollongong consumers access to energy from renewable electricity generation, following the scheduled closer of the Eraring Power Station in 2027. The Project is being delivered by Energy Corporation of NSW (EnergyCo), on behalf of the NSW Government.

Akaysha Energy have been appointed as the service provider responsible for delivery of the Waratah Super BESS. Under Part 5, Division 5.2 of the *Environmental Planning and Assessment Act 1979* (EP&A Act), the Project is classed as Critical State Significant Infrastructure (SSI-48492458).

The approved project incorporates a System Integrity Protection Scheme (SIPS) control and standby network battery system, dedicated to supporting the transmission grid. The SIPS system is designed to reserve and deploy battery power to support the NSW electricity grid when triggered by a contingency event.

The project will feature 288 collector segments and 2,592 battery units (modular enclosures) within the proposed battery storage area and will also include ancillary infrastructure required for the Project such as (access road, operation and maintenance building, storage yard and services including power, water, on-site sewage management, stormwater drainage, and telecommunications).

During the reporting period, the following works have been undertaken:

- Construction and energisation of 330 kilovolt (kV) substation
- Ongoing construction of concrete foundations, underground direct current (DC), communications and high-voltage conduits
- Delivery of approximately 100, of 140 total, step-up transformers
- Completion of construction of four battery collector groups
- Energisation of collector group 11 and ongoing commissioning works
- Construction of permanent water storage (to be commissioned)
- Construction of Operations and Maintenance building
- Completion of surface water management dams and infrastructure

## 1.2. Audit team

A team of environmental auditing professionals from NGH was approved for the audit by the Department of Planning, Housing and Infrastructure (DPHI, the Department) (refer Appendix B). Natascha Arens was approved as Lead Auditor. Natascha has over 30 years' experience as an environmental professional and auditor and oversaw the audit process.

Will Weir supported Natascha during the audit and conducted the site inspection. Will has 30 years of experience as an environmental engineer, including Environment, Health and Safety compliance, assurance and mergers and acquisitions due diligence auditing for complex infrastructure and natural resource projects, including numerous NSW State Significant projects.

### 1.3. Objectives

The objective of the audit was to conduct an independent review of compliance with the Conditions of Approval of SSI 48492458 issued by the Minister for Planning on the 21<sup>st</sup> February 2023, in accordance with the requirements of the Independent Audit Post Approval Requirements, May 2020 (DPE 2020).

### 1.4. Audit scope

This is the third Independent Environmental Audit (IEA) of the Project during construction.

The scope of this audit was conducted generally in accordance with Section 3.3 of the Independent Audit Post Approval Requirements (Department 2020). The scope in general included:

- Conditions of consent applicable to current activities on site
- All relevant post approval documents required by the conditions of consent (eg. management plans)
- An assessment of the environmental performance of the development
- A high-level review of the Project's EMS
- A high-level assessment of whether Environmental Management Plans and Sub-plans are adequate.

### 1.5. Audit period

The reporting period for this audit is 13<sup>th</sup> June 2024 until 12<sup>th</sup> December 2024 in line with the requisite schedule provided by the Independent Audit Post Approval Requirements (Department 2020).

## 2. Audit methodology

### 2.1. Auditor approval

The Department agreed to Natascha Arens as Lead Auditor and Will Weir as an Auditor for the Project on 15/10/2024 (Appendix B).

### 2.2. Scope development

The audit scope was developed by reviewing the SSI-48492458 Conditions and the Independent Audit Post Approval Requirements (2020).

The audit comprised of offsite document review; site inspection and onsite document review; and offsite audit analysis and reporting. An audit plan was provided to the auditee prior to the site audit detailing the timing of the audit and requirements regarding accessing the site and documentation.

### 2.3. Audit process

A document review was undertaken prior to the audit and off site. The document review included a review of the Conditions of Approval and all management plans and sub plans, using evidence submitted. The Audit Plan was submitted to Akaysha as the owner on 25<sup>th</sup> October 2024 indicating the dates of the site audit, scope, criteria, audit details and required Project representatives.

An Opening Meeting was held on 10<sup>th</sup> December 2024 at 8:30am in the site compound meeting room.

Present at the opening meeting were:

- Jordon Doss (Akaysha – Site Manager)
- Asher Baade (Akaysha – Intern - Development)
- Ben Thompson (CPP – Safety, Quality and Environment Advisor)
- Francis Flynn (CPP – Environmental Advisor)
- Will Weir (NGH Technical Director and site auditor)

A closing meeting was held on 10<sup>th</sup> December 2024 at 12:30pm to discuss the initial findings of the site audit.

Present at the closing meeting were:

- Jordon Doss
- Asher Baade
- Ben Thompson
- Francis Flynn
- Will Weir (NGH Technical Director and site auditor)

### 2.4. Audit interviews

Throughout the audit process, interviews were held with various Project staff members including:

- Jordon Doss
- Ben Thompon

- Francis Flynn

No interview requests were denied.

## 2.5. Site inspection

A site inspection was undertaken at 9am on 10<sup>th</sup> December 2024. The purpose of site visit was to undertake an inspection of current construction activities on site, view the site and access arrangements and gain an understanding of the ongoing scope of works. No restrictions to access occurred during the site visit. Conditions during the site inspection were mild and sunny, noting that approximately 1.6 millimetres (mm) of rain had been received at Swansea Bureau of Meteorology (BoM) Station (061377) in the week preceding the site inspection.

## 2.6. Consultation

Email consultation was undertaken with:

- Department of Planning and Environment
- Transport for NSW (TfNSW)
- Central Coast Council (CCC).

Responses were received from DPE and TfNSW, with specific feedback outlined in Section 3.8 and Appendix C.

## 2.7. Compliance status descriptors

The compliance status for each requirement or commitment has been assessed in accordance with the criteria in Table 2-1 (DPE 2020).

Table 2-1 Compliance status descriptors used during the audit process

Status	Description
<b>Compliant (C)</b>	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.
<b>Non-compliant (NC)</b>	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.
<b>Not triggered (NT)</b>	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. Document list

The list below displays all documentation used as evidence during IEA 1, 2 & 3:

##### Approvals, plans, reports and relevant correspondence

- Infrastructure Approval SSI 48492458
- DPHI correspondence – Waratah Super Battery Auditor Nomination Request Ref SSI-48492458-PA-26 20/05/2024
- Waratah Super Battery - Munmorah, Environmental Impact Statement (GHD, 2022)
- Waratah Super Battery Traffic Management Plan (TMP) Rev 5.0 (Akaysha, 25/09/2023)
- DPE correspondence – TMP Approval Letter Ref SSI-48492458-PA-14 17/11/2023
- Waratah Super Battery Biodiversity Management Plan (BMP) Rev D (WSP, 19/05/2023)
- DPE correspondence – BMP Approval Letter Ref SSI-48492458-PA-1 31/05/2023
- Memo – Waratah BESS BMP (PS135673-ECO-AUS-CAN-MEM-Rev0) (WSP, 4/06/2024)
- Waratah Super Battery Environmental Management Strategy (EMS) Rev D (WSP, 4/05/2023)
- DPE correspondence – EMS Approval Letter Ref SSI-48492458-PA-3 1/06/2023
- Biodiversity Conservation Act 2016 Section 6.33 Certificate SSI-48492458 28/03/2023
- Fire Safety Study – Waratah BESS Facility (Advitech, 30/05/2023)
- DPE correspondence – FSS Approval Letter Ref SSI-48492458-PA-7 04/04/2023
- Waratah Super Battery Energy Storage System Construction Environmental Management Plan Rev 1.2 (CPP, 28/04/2023)
- Waratah Super Battery 330/33kV Substation, Bess Yard and O&M Area - Erosion and Sediment Control Plan, Stage 2 Rev 0 (Hatch, 18/04/2024)
- WSB Site Wet Weather Management Plan (CPP, n.d.)
- Independent Audit Report – Waratah Super BESS (NGH, 25/01/2024)
- Waratah Super BESS Lighting Study Report (CPP, 25/08/2023)
- Email from P Subrammanian (Akaysha) dated 17/12/2024
- Email from N Madden (EnergyCo) dated 7/08/2024
- Biodiversity Conservation Act 2016 Section 6.33 Certificate SSI-48492458 28/03/2023
- Proponents Response to IEA#2 Findings, Akaysha 20 August 2024
- DPE correspondence - Waratah Super Battery - Out of Hours Request (ref: SSI-48492458-PA-33)
- Memo, Waratah BESS BMP, WSP 4 June 2024
- Post Approval Document Submission Form - OOHW Day - Noise Model Validation Report
- Post Approval Document Submission Form - WSB-PLA Request for unattended Noise Monitoring
- Fire Safety Study – Waratah BESS Facility (Rev 4, Advitech, 26 July 2024)
- DPE correspondence – FSS Approval Letter Ref SSI-48492458-PA-7-27 31/06/2024
- Emergency Response Plan - Waratah Super Battery (Rev 1.0, 14 August 2024)
- Emergency Services Information Package (ESIP, Initial Issue Rev 1, 14/11/2024).
- Email to FRNSW - Waratah Super Battery - Emergency Response Plan and ESIP, dated 15 August 2024
- FRNSW Form - Lodgement of Emergency Plan (completed by proponent)

##### Traffic, plant and equipment

*Waratah Super BESS*

- Waratah Super Battery Delivery Driver Induction – Consolidated Power Projects
- Daily Truck Movement Register (.xlsx) 30/05/2023 – 11/06/2024
- ATV/Quad Bike Prestart Checklist #12334 6/06/2024
- Kubota Service Repair Form #2009 – RTVH40 8/05/2024
- Generator Prestart Safety Check Form 2/06/2024
- Plant Portal Service History Record #1032075 (various dates)
- Daily Telehandler Prestart Checklist #1326860 4/06/2024
- Routine Maintenance and Safety Checks Record – 500hr plant service 29/04/2024
- EWP Logbook – Safety Check Records (various dates)
- Service Checklist Machine 540-180 (S/N 3243396) 20/02/2024
- OSOM or Dimension Exemption Permit #839581V1 (12 Dec 2023 – 8 Mar 2024)
- OSOM or Dimension Exemption Permit #837369V1 (23 Jan 2024 – 23 Feb 2024)
- OSOM or Dimension Exemption Permit #783299V4 (01 Jan 2024 – 31 Mar 2024)
- Daily Telehandler Prestart Check List #132688
- ATV/Quad Bike Prestart Checklist #53651, 10/12/2024
- ATV/Quad Bike Prestart Checklist #49501, 10/12/2024
- Daily Truck Movement Register (.xlsx) 13/06/2024 – 9/12/2024

**Monitoring, reporting and incidents**

- DPHI correspondence – Request for Extended Construction Hours Ref SSI-48492458-PA-23 29/02/2024
- Report – Waratah Super Battery – Noise modelling night shift (GHD, 02/04/2024)
- DPHI correspondence – Request for Extended Construction Hours Ref SSI-48492458-PA-24 29/04/2024
- Report – Waratah Super Battery – Nighttime noise model validation (GHD, 31/05/2024)
- Report – Waratah Super Battery – Daytime noise model validation (GHD, 28/05/2024)
- Waratah Complaints Register (.xlsx)
- DPE Compliance Checklist (.xlsx) (Akaysha, 20/03/2024)
- Pumpout Tracking – CPP – Colongra – 20240523 (.xlsx)
- Akaysha Environmental Incident Notification 002 – Dirty Water Discharge 15/04/2024
- Akaysha Environmental Incident Notification 003 – Site Septic Tanks Sewer Overflow 31/05/2024
- CPP Project Issue Tracking List (Incident Register 2024) (.xlsx)
- Waratah Site Specific Induction (CPP) (.pptx)
- Toolbox and sign-on sheet – Frog Fences (29/02/2024)
- Dewatering Assessment, Western Basin-Swail, 13 August 2024
- Waste Tracking Register.xls, 17/6/2024 - 5/12/2024
- Waste transfer receipt (Timber Waste), Service Docket 861491, 5/12/2024
- Waste transfer receipt (General Waste), Service Docket 829447, 28/11/2024
- Heads Up - Snake Incident, 14/6/2024
- Environmental Incident Notification 004, 21 June 2024 - Accidental Harm of Snake
- CPP Operation Learning Report (snake incident), 15/6/2025
- Report - Waratah Super BESS - Noise Modelling, GHD 23 October 2024



### 3.2. Compliance performance

A total of 70 Conditions of Approval (CoA) were found to be relevant to the reporting period. The Project was found to be non-compliant with four of these (Table 3-1). Of these:

- one is a new non-compliant finding; and
- three are ongoing non-compliances.

For the purposes of Table 3-1, if a Condition contained a part which is relevant, the whole Condition is counted as being relevant. Similarly, where a non-compliance was found with part of a Condition, the entire condition is considered non-compliant.

Table 3-1 Summary of compliance observed during the second audit

	Part A	Part B	Part C	Appendix 4	Total
<b>Number of Conditions of Approval</b>	16	30	20	4	<b>70</b>
<b>Number of triggered Conditions</b>	10	27	10	4	<b>51</b>
<b>Number of non-compliances</b>	1	1	2	0	<b>4</b>

### 3.3. Notices, orders and prosecutions

No agency notices, orders, penalty notices or prosecutions occurred during the audit period.

### 3.4. Non-compliances

Four non-compliances were identified during the third audit. These non-compliances, as well as their corresponding recommendations, are detailed in Table 3-2.

Table 3-2 Non-compliances identified during the second audit as well as corresponding recommended actions

CoA	Requirement	Details of non-compliance	Recommended Action
<b>A2</b>	The development may only be carried out: (a) in compliance with the conditions of this approval;	(a) the audit found two non-compliances (excluding this condition), therefore the development was not being carried out in compliance with the conditions of this approval <b>(Ongoing)</b>	Refer to action below for B24, C17 and C20
<b>B24</b>	Prior to commencing commissioning, the Proponent must develop and implement a comprehensive Emergency Plan and detailed emergency procedures for the development, and provide a copy of the plan to the local Fire Control Centre and FRNSW. The plan must:  (b) be consistent with the Department's Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning' and RFS's Planning for Bushfire Protection 2019 (or equivalent) and A Guide to Developing a	The ERP has been prepared:  (b) with no reference made to, or verification provided, that the ERP is consistent with the Department's Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning' and RFS's Planning for Bushfire Protection 2019 (or equivalent) and A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan (RFS 2014).  (c) with no list of works that should not be undertaken during total fire ban <b>(New)</b>	Review and update the ERP to address parts (b) and (c) of this condition.

CoA	Requirement	Details of non-compliance	Recommended Action
	<p>Bush Fire Emergency Management and Evacuation Plan (RFS 2014);</p> <p>(c) list works that should not be carried out during a total fire ban;</p>		
<b>C17</b>	<p>In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Proponent must:</p> <p>(c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Planning Secretary, unless otherwise agreed by the Planning Secretary.</p>	<p>The second audit report and response were not made publicly available within the stipulated timeframe. Refer C20 below.</p> <p><b>(Ongoing)</b></p>	<p>Ensure all current and future audit reports are made publicly available as required by this condition.</p>
<b>C20</b>	<p>The Proponent must:</p> <p>(a) make the following information publicly available on its website as relevant to the stage of the development:</p> <p>(i) the EIS;</p> <p>(ii) the final layout plans for the development;</p> <p>(iii) current statutory approvals for the development;</p>	<p>The proponent (EnergyCo) maintains a Project website which provide the latest versions of the EMS (Rev D), BMP, and TMP. It also provided links to the NSW Government Major Projects website where the EIS and Statutory Approval are held.</p> <p>The project management contractor (Akaysha Energy) also maintains a Project website site with links to the above-mentioned information. However, the EMS (Rev C) is not the most up-to-date version. Only the first Independent</p>	<p>Review the newly updated website to ensure it provides all requisite information as required by the condition.</p>

CoA	Requirement	Details of non-compliance	Recommended Action
	<p>(iv) approved strategies, plans or programs required under the conditions of this approval;</p> <p>(v) the proposed staging plans for the development if the construction, operation and/or decommissioning of the development is to be staged;</p> <p>(vi) a comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this approval;</p> <p>(vii) how complaints about the development can be made;</p> <p>(viii) any independent environmental audit, and the Proponent's response to the recommendations in any audit; and</p> <p>(ix) any other matter required by the Planning Secretary; and</p> <p>(b) keep this information up to date.</p>	<p>Environmental Audit was provided on this website (ie. no audit response or second audit and response).</p> <p>A new website had been developed since in response to the last audit and a link was provided during the third audit site inspection. This site contains the requisite plans, audit reports and associated responses, and complaints reporting mechanism. It was not however publicly searchable at the time of the third audit and hence was considered to be non-compliant at the time of the audit inspection. The new landing page has since been made live in place of the previous Project website landing page.</p> <p>No summary of environmental monitoring is provided on the above websites. Consideration should be given as to whether water monitoring and out of hours noise monitoring should be made publicly available.</p> <p>The first IEA report of the Project is available on the website however the Proponent's response to this audit report was not publicly available at the time of the audit.</p> <p>The second IEA report of the Project and proponents' response was not publicly available on the website/s at the time of the audit.</p> <p><b>(Ongoing)</b></p>	

### 3.5. Previous audit recommendations

The status of recommendations from the first Project IEA are detailed in Table 3-3. Improvement opportunities and their current status from the first IEA are provided in Table 3-4. No new opportunities for improvement additional to the recommendations presented in Table 3 4 were identified during the second audit process.

Table 3-3 Previous audit recommendations and their status as observed during the second audit

CoA	Requirement	Details of non-compliance	Recommended Action and Current Status
<b>A2</b>	<p>The development may only be carried out:</p> <p>(a) in compliance with the conditions of this approval;</p> <p>(b) in accordance with all written directions of the Planning Secretary;</p> <p>(c) generally in accordance with the EIS; and</p> <p>(d) generally in accordance with the Development Layout in Appendix 1.</p>	<p>(a) the audit found nine non-compliances, therefore the development was not being carried out in compliance with the conditions of this approval</p> <p>(b) noise monitoring requested by DPHI was carried out during the reporting period</p> <p>(c) potential risks and mitigation measures identified in the EIS had been generally carried over to the Management Plans required for the project and as approved by DPE prior to construction commencement. These were evident in the field and were noted as being present</p> <p>(d) site boundary fencing and construction areas consistent with the development layout.</p>	Refer actions and current status below.
<b>B10</b>	Prior to carrying out any development that could directly or indirectly impact the biodiversity values requiring offset, the Proponent must provide evidence to	No evidence was available during the first or second audit that indicated that the Section 6.33 Certificate was provided to the Department prior to construction commencing.	The auditor was advised that due to confusion between EnergyCo and Akaysha's responsibilities with respect to reporting to the Department, the Section 6.33 documentation

	<p>the Planning Secretary that biodiversity credits have been retired.</p>		<p>was not provided the Department prior to construction commencing.</p> <p>Akaysha subsequently notified the Department and submitted the documentation via the Major Project portal as part of their response to the non-compliant finding raised in the second audit. The Section 6.33 document (providing evidence of credits being retired via payment to the Biodiversity Conservation Fund) was provided as Appendix D of the submission, however the Appendix was incorrectly referenced in the covering note which may create some confusion. As the documentation was provided the matter is considered Not Triggered during the audit reporting period.</p> <p>The auditor was made aware of provision of a subsequent additional non-compliance notification, submitted after the third audit site inspection, with regard to not providing the documentation prior to commencement of development. This is considered by the auditor to be a secondary notification of the non-compliance.</p> <p><b>(Closed)</b></p>
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B19	The Proponent must ensure that the development does not cause any water pollution, as defined under Section 120 of the POEO Act.	<p>During the site inspection, erosion and sediment controls appeared in good working order and site staff had a good understanding of water management within the Project, including obligations under the Erosion and Sediment Control Plan (ESCP) and the Project Consent.</p> <p>One location was observed to be releasing visibly turbid water at a very slow rate of discharge. At the western edge of the site, adjacent to the main site access road, an existing weir and concrete drain runs from the site disturbance footprint to an existing concrete-lined channel that runs north/south underneath the access road. Multiple well-maintained sediment controls were observed to be present at the weir discharge point and within the concrete drain however turbid water was slowly draining out of a corehole in the weir. This was discussed with Akaysha and CPP staff onsite and a recommendation made to plug the weir completely and utilise captured water as dust suppression or treat prior to release.</p> <p>Additionally, the environmental incident on 5/04/2024, although potentially an over-design event, did not comply with this Condition.</p>	<p>A controlled release from the Western Basin was undertaken on 13 August 2024 with appropriate monitoring.</p> <p>No uncontrolled water discharge incidents occurred during audit period.</p> <p><b>(Closed)</b></p>
C2	The Proponent must: (a) update the strategies, plans or programs required under this approval	Management Plan reviews, as required following the submission of the previous IEA report, the dirty water discharge incident in November 2023 and the	The CEMP was reviewed during the audit period with no change deemed necessary.

	<p>to the satisfaction of the Planning Secretary prior to carrying out any upgrading or decommissioning activities on site; and</p> <p>(b) review and, if necessary, revise the strategies, plans or programs required under this approval to the satisfaction of the Planning Secretary within 1 month of the:</p> <ul style="list-style-type: none"> <li>(i) submission of an incident report under condition C10 of Schedule 2;</li> <li>(ii) submission of an audit report under condition C14 of Schedule 2; or</li> <li>(iii) any modification to the conditions of this approval.</li> </ul>	incidents reported during this reporting period, have not occurred as required by this Condition.	<b>(Closed)</b>
<b>C10</b>	The Department 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 project approval number and the name of the	Two notifiable environmental incidents occurred during the reporting period. A dirty water discharge due to a 190mm rainfall event occurred on 5/04/2024 however notification to DPHI did not occur until 15/04/2024. In the notification, Akaysha acknowledge that this timeframe is not in accordance with the required timeframe and note that additional information was being gathered to develop the incident report. Akaysha also acknowledge that subsequent incidents will be	<p>One notifiable incident occurred during the third audit reporting period with regard to an injured snake that required a trained snake handler to humanely euthanise the animal. The notification contained all required information.</p> <p><b>(Closed)</b></p>

	<p>project if it has one) and set out the location and nature of the incident.</p> <p>Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set out in Appendix 4.</p>	<p>reported immediately, prior to the incident report being developed.</p> <p>An incident involving a septic tank overflow (contained within the site) occurred on 30/05/2024 and was reported to DPHI on 31/05/2024.</p> <p>Both notifications contained all required information as specified in this condition and Appendix 4.</p>	
<b>C17</b>	<p>In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Proponent must:</p> <p>(a) review and respond to each Independent Audit Report prepared under condition C14 of Schedule 2 of this approval, or condition C16 of Schedule 2 where notice is given by the Planning Secretary;</p> <p>(b) submit the response to the Planning Secretary; and</p> <p>(c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Planning Secretary, unless otherwise agreed by the Planning Secretary.</p>	<p>No evidence was available during the audit that the Proponent provided the first IEA report, including a response, to the Planning Secretary and at the time of the audit, the Proponent's response to the first IEA was not available on the Project website.</p>	<p>The second audit report and response were provided to the Planning Secretary in accordance with this condition.</p> <p>The second audit report and response were not made publicly available within the stipulated timeframe. Refer C20 below.</p> <p><b>(Ongoing)</b></p>

<b>C18</b>	Independent Audit Reports and the Proponent's response to audit findings must be submitted to the Planning 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 Planning Secretary	No evidence was available during the audit that the first IEA was submitted to the Planning Secretary within the required timeframe.	The second audit report and response were provided to the Planning Secretary in accordance with this condition.  <b>(Closed)</b>
<b>C20</b>	The Proponent must: (a) make the following information publicly available on its website as relevant to the stage of the development: (i) the EIS; (ii) the final layout plans for the development; (iii) current statutory approvals for the development; (iv) approved strategies, plans or programs required under the conditions of this approval; (v) the proposed staging plans for the development if the construction,	The EIS is publicly available via the project website (noting the EIS was labelled as "Environmental Impact Plan"), with the site layout plan, and infrastructure approval, EMS, BMP, and TMP also present. It is noted that the requirement for noise monitoring stipulated in Ref SSI-48492458-PA-23 and Ref SSI-48492458-PA-24 is not considered to be required for publishing under (a)(iv) as this requirement has arisen from correspondence, not an approved strategy, plan or program.  The first IEA report of the Project is available on the website however the Proponent's response to this audit report was not publicly available at the time of the audit.	Refer new con-compliance finding.  <b>(Ongoing)</b>

	<p>operation and/or decommissioning of the development is to be staged;</p> <p>(vi) a comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this approval;</p> <p>(vii) how complaints about the development can be made;</p> <p>(viii) any independent environmental audit, and the Proponent's response to the recommendations in any audit; and</p> <p>(ix) any other matter required by the Planning Secretary; and</p> <p>(b) keep this information up to date.</p>		
<b>Appendix 4 – 1</b>	<p>A written incident notification addressing the requirements set out below must be submitted to the Planning Secretary via the Major Projects website within seven days after the Proponent becomes aware of an incident. Notification is required to be given under this condition even if the Proponent fails to give the notification required under condition C7</p>	<p>Two notifiable environmental incidents occurred during the reporting period. A dirty water discharge due to a 190mm rainfall event occurred on 5/04/2024 however notification to DPHI did not occur until 15/04/2024. In the notification, Akaysha acknowledge that this timeframe is not in accordance with the required timeframe and note that additional information was being gathered to develop the incident report. Akaysha also acknowledge that subsequent incidents will be</p>	<p>Refer C10 above.</p> <p><b>(Closed)</b></p>

	of Schedule 2 or, having given such notification, subsequently forms the view that an incident has not occurred.	reported immediately, prior to the incident report being developed.  An incident involving a septic tank overflow (contained within the site) occurred on 30/05/2024 and was reported to DPHI on 31/05/2024.	
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Table 3-4 Previous audit opportunities for improvement and their status as observed during the second and third audit

Number	Opportunity for improvement	Current status
<b>OFI 1</b>	The BMP is recommended to be reviewed and updated to reflect more accurately, the construction phase of works and work practices	In response to the first construction audit WSP undertook a review of the BMP and compiled the findings in a Memo (Waratah BESS BMP, WSP 4 June 2024). The review concluded, along with some further clarification that no changes to the current BMP were considered necessary. The auditor is satisfied that the BMP adequately addressed the requirements of this condition.
<b>OFI 2</b>	A suitably qualified person be commissioned to update the ESCP to more adequately mitigate any potential erosion and sedimentation risks associated with constructing the project, and that the ESCP is reviewed regularly and before a change in work stage (Progressive ESCPs)	The ESCP (Waratah Super Battery 330/33kV Substation, BESS Yard and O&M Area - Erosion and Sediment Control Plan, Stage 2 Rev 0 (Hatch, 18/04/2024)) has been reviewed and updated during the second reporting period. The controls indicated on the Plan are considered appropriate to the stage of works, are well understood by the Project team and are generally effective. This OFI will be ongoing



Number	Opportunity for improvement	Current status
		throughout construction to accommodate the requirement for regular review.
<b>OFI 3</b>	The EMS be comprehensively reviewed and updated to align with current site information and work practices	The EMS has not been reviewed or updated during the third reporting period.
<b>OFI 4</b>	A compliance matrix/ similar be developed to support the SME environmental inspection checklist, that captures all conditions of consent and monitoring requirements of the EMS, Construction Environmental Management Plan (CEMP) and associated management plans entirely	A compliance matrix outlining all requirements from the Consent and the approved management plans has been prepared by Akaysha during the second reporting period. The matrix includes columns for compliance status, evidence documents and comments and the matrix appeared to be in use at the time of the third audit.
<b>OFI 5</b>	A Wet-weather Protocol/ similar is developed as an Appendix to the ESCP, to ensure everything possible is being undertaken to prevent a turbid water discharge from significant rainfall events (forecast of 80% chance or higher of more than 20mm in a 24hour period), should existing controls fail. This may include such measures as having adequate volume of flocculant on site at all times, process for deploying flocculant to drainage areas for mechanical mixing as dirty water enters the sediment pond, and other such measures	A Wet Weather Management Procedure was being developed by CPP during the second reporting period. The procedure details all of the necessary actions to be implemented in the event of a significant forecast rain event (>50% chance of 10mm rainfall in 24hrs). Site staff appear to have a good understanding the procedure.
<b>OFI 6</b>	The project website contains generally the required information as per the conditions of consent (C20), however it was noted that although there are no specific, formal requirements under the	This OFI has been actioned during the second reporting period. Dilapidation survey reports are now available on the website, as are pre-construction tree-clearing reports.

Number	Opportunity for improvement	Current status
	<p>conditions of consent for environmental parameters to be monitored during construction phase, the project has been required to monitor and report on such elements as:</p> <ul style="list-style-type: none"> <li>• The BMP details in Sections 6.2.3, and 6.2.5 require respectively “Tree clearing Reports” and “Microbat Monitoring Reports”; and</li> <li>• The TMP Section 6.1 “Pre-construction” identifies the requirement to complete a pre-construction dilapidation report.</li> <li>• It is therefore recommended that a summary of the ecological results are made available on the project website, and that the dilapidation survey is also uploaded to the projects website (noting approval of the dilapidation report is available on the NSW Major Projects portal, but that the dilapidation survey itself is not present).</li> </ul>	

### 3.6. Environmental Management Plans

A summary of the implementation of key management plans relevant to this stage of works is provided below.

All plans required by the approval are discussed in the audit protocol table provided in Appendix B of this report. The suite of environmental management plans includes:

#### 3.6.1. Traffic Management Plan

A review of the TMP during the first audit found that it is compliant with the requirements of this condition. The TMP Revision 4 was developed 7 June 2023. The TMP has been staged (as per the requirements of condition C3) such that the initial TMP (Stage 1) covers all traffic management with the exception of over size over mass (OSOM) vehicles. The TMP would be updated late December 2023 to include OSOM information and therefore cover traffic management for the project in entirety. The Stage 2 TMP had been prepared (Revision 5, September 2023) awaiting updated in late December 2023 for the OSOM information. At the time of the third audit, the TMP (Rev 5) was being implemented.

The third audit found that the requirements of the Stage 1 and Stage 2 TMP are largely being implemented with authorised access route to site clearly communicated, car parking facility clearly identified and sufficient for the volume of vehicles, site conditions identified via site traffic signage and the use of traffic controllers as needed throughout site. No OSOM movements have occurred during the reporting period, no liable damage to public infrastructure and no complaints.

Pre-construction dilapidation reports were found to have been undertaken also, such that any damage from vehicular use of the surrounding traffic/ road network as a result of project vehicles is able to be recorded and rectified where required. A pothole that was discovered on Scenic Road was rectified by Central Coast Council's Road maintenance function with no required input from the Project.

#### 3.6.2. Biodiversity Management Plan

The BMP was approved in accordance with the requirements of B11 on 31 May 2023. The document lists mitigation measures to protect and retain vegetation and habitat features prior to construction commencement, and further details construction phase measures to ensure impacts to biodiversity values of significance are avoided or where that is not possible, minimised.

The first audit found that many mitigation measures listed in the approved BMP, were not particularly relevant to the current stage of works as of December 2023, with the detailed pre-construction elements having already been actioned and no longer relevant. Most construction-based mitigation measures were found to be implemented; however some construction-phase biodiversity mitigation measures were noted to not reflect the actual day to day operations of the construction site.

The BMP has been reviewed by WSP during the reporting period in response to these previous observations. The review determined that an update to the BMP was not required however provided a justification against each recommendation for retaining the current revision. The auditor is satisfied that the BMP adequately addresses the requirements of this condition.

### 3.6.3. Environmental Management Strategy

The conditions of approval (C1) requires that an EMS is prepared to the satisfaction of the Planning Secretary, prior to construction commencement. The audit found that the EMS had been approved by DPE on 1 June 2023.

The site inspection component of the third audit found that site was largely being managed in accordance with the requirements of the EMS. The EMS is underpinned by a CEMP, which identifies the monitoring framework and frequency to regularly confirm the adequacy of required environmental controls. The Audit found the weekly WHSE inspections were continuing to be being carried out and any actions raised were tracked through to completion.

The EMS incorporates required environmental management obligations, such as the ESCP. The site was observed as having sufficient ESC devices in place, owing to feedback from the first audit requiring an update to the ESCP to ensure devices in place are appropriate to the stage of works. An opportunity for improvement was identified during the third audit as discussed in Section 4.2. Site staff displayed a good understanding of water management on site.

The EMS also contains a placeholder for the contaminated lands Site Audit Statement and Site Audit Report. These documents were unable to be located during the first audit and confirming these had been submitted to the regulators as per the requirements of condition B28 could not be verified. As during the first and second audit, it is recommended that the EMS is comprehensively reviewed and updated to align with current site information and work practices.

### 3.7. Environmental performance

Environmental performance of the project is measured via weekly inspections, monthly inspections and corresponding reporting. The audit found that these inspections are occurring.

The audit found that key environmental controls are in places including:

- Erosion and sediment controls
- Waste management including waste separation and appropriate disposal of concrete waste
- Dust suppression with a water cart
- Noise monitoring as required
- Biodiversity mitigation measures, including temporary frog fencing and rehabilitation measures.

### 3.8. Consultation feedback

As outlined in Appendix C, DPHI requested:

*Could you please look specifically at Conditions B9 and B10 (Biodiversity Credit requirements) as I can see conflicting information about the credits and Section 6.33 certificate in previous audits.*

*In addition, please have a look how their ERSed controls are going, given that they have had issues in this area in the past.*

The auditor considers that the Project is compliant with B9, however was non-compliant with B10 as raised in the first and second audit. It is confirmed that all credits have been retired via payment to the Biodiversity

Conservation Fund and all documentation providing evidence of retirement of credits have now been supplied to the Department.

As the submission of the Section 6.33 documentation to the Department occurred with the submission of the second audit response the auditor considers the matter to be closed, and hence, Not Triggered for the third audit period.

The third audit inspection identified that ERSED controls were in place, including temporary sediment fence, sediment dams and stabilisation of exposed stockpile and areas. No uncontrolled water discharges occurred during the third audit period. On exposed area immediately upgradient of the “frog pond” was observed to have some shallow gully erosion in the drainage depression leading to the pond. Sediment fence was installed at the toe of the slope which was successfully capturing sediment before entering the pond area, though was in need of maintenance. The auditor and site personnel discussed the need address the gully erosion and stabilise the areas to prevent further erosion and sediment transport. See Section 4.2 opportunity for improvement.

TFNSW had “...no concerns or issues with this development which need to be addressed in the audit process.”

CCC acknowledged receipt of the consultation request but no further action was requested.

### 3.9. Complaints

No complaints were recorded during the reporting period.

### 3.10. Incidents

One notifiable incident occurred during the third audit reporting period with regard to an injured snake that required a trained snake handler to humanely euthanise the animal. The notification contained all required information.

### 3.11. Actual vs. predicted impacts

Section 6 of the Environmental Impact Statement (EIS) provides an assessment of the environmental impacts of the project (GHD, November 2022). A summary of impacts as identified in the EIS versus the actual impacts found during this audit is provided below.

#### **Biodiversity**

The project occurs at Munmorah Power Plant, a largely disturbed site. The Project requires the removal of approximately 0.46 hectares of native vegetation. The EIS identified this native vegetation as “insignificant at the regional scale and is unlikely to threaten the persistence of populations of native plants and vegetation communities.”

The EIS stated that potential indirect impacts are considered limited as they would have a low likelihood and consequence, based on the range of proposed mitigation and management measures to be employed during pre-construction construction and operation of the project.

#### *Actual Impacts*

*Waratah Super BESS*

The EIS details mitigation measures to protect vegetation at the pre-construction phase (clearing and grubbing, tree felling procedures etc) and throughout construction (environmental protection no go zones, temporary frog fencing). These measures have been reflected in the approved BMP and were noted as being actioned during the site inspection component of the audit. With regard to biodiversity impacts, it is considered that no further impacts to biodiversity, than those assessed in the EIS have occurred as a result of constructing the project, with exception being the reportable snake incident discussed above.

**Heritage (Aboriginal and non-Aboriginal)**

The EIS heritage assessment indicated that the project is unlikely to result in any heritage-related impacts.

*Actual Impacts*

No unexpected heritage finds have been recorded to date.

**Contaminated Lands**

The Munmorah Power Station was subject to site contamination assessments and any necessary remediation prior to the development of the Waratah Super BESS project. As the site was assessed following remediation works being completed, the EIS predicted minimal contamination risks associated with construction of the project.

The EIS and conditions of consent required the preparation of an unexpected finds procedure, which was noted as being prepared and understood by site personnel.

The EIS noted a potential increase in risk of erosion and sedimentation and potential impacts to sensitive receiving environments (waterways and retained vegetation/ habitat) and the potential for fuel and chemical spills from equipment, if not appropriately managed.

*Actual impacts*

The audit noted that the construction of the site is on predominantly imported fill, with maximum likely excavation depth to 1.5m. Some potential sediment loss occurred during the second reporting period during extreme rainfall however sediment would likely have resulted from imported fill so contamination egress is somewhat unlikely. No unexpected finds have been recorded to date.

**Visual**

Based on a visibility assessment, the EIS determined that the project would only be visible from limited offsite locations and determined visual impacts to be unlikely to the surrounding areas (including from public roads and dwellings). The EIS determined that visual impacts to be negligible.

*Actual Impacts*

No issues relevant to visual impacts were noted as present due to the vast distance and existing vegetation cover between the project and sensitive receivers.

**Noise and vibration**

The EIS predicted construction noise levels during site preparation to result in noise levels above the Noise Management Level (NML) at three residential receivers within the study area. These exceedances were not greater than 5 dBA above the NML (1-2 dBA). Noise modelling was then undertaken in the EIS and assessed against project noise trigger levels during the day, evening, and night periods. The assessment was based on worst-case operating conditions likely to occur during these assessment periods and is considered a conservative assessment. The noise modelling indicates compliance at all residential sensitive receiver



locations for all modelled operations during the day and evening periods and compliance should also be achieved during the night-time period for expected ambient conditions. The Noise Model was reviewed in response to a request for Out of Hours work. No impacts were expected at the identified sensitive receivers.

#### *Actual Impacts*

No noise complaints have been received during the third audit period.

#### **Bushfires**

The EIS stated that the design of the project is inherently bushfire resilient being comprised of batteries housed within steel-walled housings (non-combustible) in which any vents are dust-proof (ember proof) with internal climate control to maintain internal operating temperatures within design parameters. The EIS further stated that site access would be via an extension of the existing access route, which could meet the requirements of the Planning for Bushfire Protection guidelines (NSW Rural Fire Service (RFS), 2019), and the proposed all-weather access perimeter road around the battery energy storage system would provide suitable access for firefighting, and an appropriate defendable space.

#### *Actual Impacts*

The project was in construction phase and compromised predominantly of an imported fill pad with some minor concrete and metal footing type structures with limited potential to intensify any potential bushfire threats. Access roads are well maintained and clear, and the site has sufficient water access and water trucks. The Emergency Response Plan (ERP) does not adequately address the requirements of the relevant condition of approval (B24), and specifically with regard to aspects associated with bushfire management.

#### **Waste**

According to the assessment undertaken in the EIS, the project is not expected to generate large volumes of waste during construction, operation, or decommissioning and rehabilitation. Waste generated during construction would be managed via the waste hierarchy approach (avoidance and reuse before consideration is given to disposal).

#### *Actual Impacts*

Construction waste was found to be managed appropriately with segregation actively visible during the site inspection component and recycling evident as per the waste register. Waste tracking is available for all waste streams.

### **3.12. Key strengths**

The overarching requirements of SSI-48492458 are well understood by the Project team. Sufficient resources are being allocated to manage environmental protection on site, evident specifically in the provision of a resource to continuously monitoring the pump during discharge to ensure the pump does not discharge sediment or dirty water. In areas of inexperience with administrative SSI requirements, the Project team is showing initiative in understanding the requirements of administrative CoAs and designating specific people within the broader Project team to ensure future compliance.

During the third site inspection, it was noted that the site is generally tidy and environmental resources are available at the site compound, including environmental policies, contact information and environmental awareness signage. Provision of the Emergency Response Plan at numerous key access points (beyond the

*Waratah Super BESS*

stipulated two required) is a good initiative. The efforts being made to stabilise spoil stockpiles and other exposed areas including sediment dams is progressing well.

## **4. Recommendations**

### **4.1. Recommended actions**

The recommended actions for all non-compliances recorded during the second audit are presented in Table 3-2.

### **4.2. Opportunities for improvement**

One new opportunity for improvement was identified with regard to an exposed area immediately upgradient of the “frog pond”. The area was observed to have some shallow gully erosion progressing in the drainage depression leading to the pond. Sediment fence was installed at the toe of the slope which was successfully capturing sediment before entering the pond area, though was in need of maintenance. The auditor and site personnel discussed the need to address the gully erosion and stabilise the areas to prevent further erosion and prevent sediment entering the pond.

## Appendix A Audit table

Development Consent Compliance Status - December 2024

Reference	Approval or licence requirement	Evidence collected	Audit Findings - December 2024	Compliance status
Development Consent SSI 48492458				
Schedule 2 - Part A Administrative Conditions				
Obligation to minimise harm to the environment				
A1.	In meeting the specific performance measures and criteria in this approval, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction, operation, rehabilitation or decommissioning of the development.	Site visit Interview J Doss Interview B Thompson	The project was generally carried out to ensure reasonable and feasible measures were implemented to prevent and minimise material harm to the environment. Required Management Planning documents were developed, approved and noted as being implemented. An environmental specialist has been engaged by CPP during the reporting period to oversee the implementation of environmental controls and undertake regular inspections.	Compliant
Terms of consent				
A2.	The development may only be carried out: (a) in compliance with the conditions of this approval; (b) in accordance with all written directions of the Planning Secretary; (c) generally in accordance with the EIS; and (d) generally in accordance with the Development Layout in Appendix 1.	DPE letter (ref SSI-48492458-PA-16) dated 17 November 2023 Site inspection: environmental controls installed and maintained. Development Layout, Appendix 1	(a) the audit found two non-compliances (outside of this Condition), therefore the development was not being carried out in compliance with the conditions of this approval (b) noise monitoring requested by DPE was carried out during the reporting period (c) potential risks and mitigation measures identified in the EIS had been generally carried over to the Management Plans required for the project and as approved by DPE prior to construction commencement. These were evident in the field and were noted as being present during the third audit inspection. (d) site boundary fencing and construction areas were consistent with the development layout.	Not-compliant
A3.	The Proponent must comply with any requirement/s of the Planning Secretary arising from the Department's assessment of: (a) any strategies, plans or correspondence that are submitted in accordance with this approval; (b) any reports, reviews or audits commissioned by the Department regarding compliance with this approval; and (c) the implementation of any actions or measures contained in these documents.	DPHI correspondence – Request for Extended Construction Hours Ref SSI-48492458-PA-23 29/02/2024 Report – Waratah Super Battery – Noise modelling night shift (GHD, 02/04/2024) DPHI correspondence – Request for Extended Construction Hours Ref SSI-48492458-PA-24 29/04/2024 Report – Waratah Super Battery – Nighttime noise model validation (GHD, 31/05/2024) Report – Waratah Super Battery – Daytime noise model validation (GHD, 28/05/2024)	Noise monitoring as relevant to OOHW requests during the reporting period has been undertaken as requested.	Compliant
A4.	The conditions of this approval and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c) or A2(d). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c) or A2(d), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.		Noted	Not triggered
A5.	Any document that must be submitted within a timeframe specified in or under the terms of this approval may be submitted within a later timeframe agreed with the Planning Secretary. This condition does not apply to the immediate written notification required in respect of an incident under condition D6.		Noted	Not triggered
Lapse of approval				
A6.	This approval will lapse five years after the date on which it is granted, unless construction has physically commenced on or before that time	Post approval lodgement receipt - Construction Commencement (Waratah Super Battery - SSI-48492458-PA-13) 9 June 2023	As noted in the first Project IEA, construction commenced in June 2023, satisfying the requirements of this condition.	Compliant
Battery storage restrictions				

A7.	The battery storage associated with the development must not exceed a total delivery capacity of 850 MW. Note: This condition does not prevent the Proponent from seeking to lodge a separate request to modify this approval to increase the capacity of the battery storage in the future.	Primary Design Basis Report (CPP Reference: 12590-EL-RP-10001).	The Project Design Basis Report stipulates that the total installed power capacity measured at the point of connection is 850MW import (charge) and export (discharge).	Compliant
Upgrading of battery storage and ancillary infrastructure				
A8.	The Proponent may upgrade the battery storage and ancillary infrastructure on site provided these upgrades remain within the approved development footprint of the site. Prior to carrying out any such upgrades, the Proponent must provide revised layout plans and project details of the project to the Planning Secretary incorporating the proposed upgrades.	Interview J Doss	Noted. No plans are currently in place to upgrade the infrastructure beyond the approved limits or footprint.	Not triggered
Structural adequacy				
A9.	The Proponent must ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the Building Code of Australia.	Interview J Doss Interview B Thompson  BCA Compliance Assessment Report, CD Certification, 15.11.2024	The BCA Compliance Assessment Report sighted by the auditor assesses the compliance of the current design proposal against the Deemed-to-Satisfy Provisions of the National Construction Code's Building Code of Australia 2022 for Class 8 - substation controls building and switchgear buildings.  Design drawings for the Operations and Maintenance building stipulates required compliance with the National Construction Code. The auditor was advised that this will be verified at completion and commissioning of the building.	Compliant
Demolition				
A10.	The Proponent must ensure that all demolition work on site is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version.	Interview J Doss	No demolition work has been undertaken during the reporting period.	Not triggered
Protection of public infrastructure				
A11.	Unless the Proponent and the applicable authority agree otherwise, the Proponent must: (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.	Interview J Doss Interview B Thompson Site visit	A pot hole was encountered on Scenic Road during the reporting period. Central Coast Council's road maintenance function undertook the repair of the pot hole as a general maintenance activity with no required input from the Project.	Compliant
A12.	All plant and equipment used on site, or in connection with the development, must be: (a) maintained in a proper and efficient condition; and  (b) operated in a proper and efficient manner.	Site inspection  Interview J Doss Interview B Thompson  Daily Telehandler Prestart Check List #132688 ATV/Quad Bike Prestart Checklist #53651, 10/12/2024 ATV/Quad Bike Prestart Checklist #49501, 10/12/2024	During the site inspection, all machinery observed was observed to be in good working condition, with no visible signs of smoke or leaks. A sample from the audit period of prestart and servicing records was provided during the current audit which indicated regular servicing of plant and equipment. Some hired plant used at site is specifically serviced and maintained by the hire company.	Compliant
Applicability of guidelines				
A13.	References in the conditions of this approval to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this approval. However, consistent with the conditions of this approval and without altering any limits or criteria in this approval, the Planning Secretary may, when issuing directions under this approval in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.		Noted - No such directions from Department during audit period	Not triggered
Compliance				

A14.	The Proponent must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this approval relevant to activities they carry out in respect of the development.	Waratah Site Specific Induction (CPP) (.pptx) Toolbox and sign-on sheet –18/09/2024 Site visit	The site induction covers site-specific environmental requirements and an appropriate amount of environmental information relevant to environmental protection and this Consent. Environmental signage on site is abundant and well-placed and evidence of a toolbox (about snake management) undertaken during the reporting period was sighted by the auditor.	Compliant
<b>Evidence of consultation</b>				
A15.	Where conditions of this approval require consultation with an identified party, the Proponent must: (a) consult with the relevant party prior to submitting the subject document to the Planning Secretary for approval; and (b) provide details of the consultation undertaken including: (i) the outcome of that consultation, matters resolved and unresolved; and (ii) details of any disagreement remaining between the party consulted and the Proponent and how the Proponent has addressed the matters not resolved.	DPE acceptance of TMP (SSI-48492458-PA-9) DPE acceptance of BMP (SSI-48492458-PA-1) DPE correspondence – TMP Approval Letter Ref SSI-48492458-PA-14 17/11/2023	The BMP was reviewed in response to the first audit recommendations. The review concluded that no amendments to the BMP were required and as such no further consultation was necessary.	Compliant
<b>Subdivision</b>				
A16.	The Proponent may subdivide land comprising the site for the purposes of carrying out the development as identified in Appendix 3 and in accordance with the EIS and the requirements of the EP&A Act, EP&A Regulation, Conveyancing Act 1919 (NSW) and the NSW Land Registration Services (or its successor).	Interview J Doss Site visit	No subdivision has occurred during the reporting period.	Not triggered
<b>Part B Environmental Conditions - General</b>				
<b>Transport</b>				
<b>Heavy Vehicles Requiring Escort and Heavy Vehicle Restrictions</b>				
B1.	The Proponent must ensure that the: (a) development does not generate more than: (i) 65 heavy vehicle movements a day during construction, upgrading and decommissioning; (ii) 12 movements of heavy vehicles requiring escort during construction, upgrading and decommissioning; and (b) length of any vehicles (excluding heavy vehicles requiring escort) used for the development does not exceed 26 metres, unless the Planning Secretary agrees otherwise.	Daily Truck Movement Register (.xlsx) 13/06/2024 – 9/12/2024 Site visit Interview J Doss Interview B Thomson	During the reporting period, the highest recorded number was 54 movements on 24/6/2024. No truck were recorded taking cut/fill material out of the site during audit period. It is noted that the previous audit recommended spreadsheet is improved to simplify all truck movements as 'in' and 'out' regardless of their origin. This has not be addressed in the sighted spreadsheet.  No escorted vehicles entered the site during the third audit reporting period and the auditor was advised that no escorted vehicle movements are expected for the remainder of the construction program.	Compliant
B2	The Proponent must keep accurate records of the number of heavy vehicles requiring escort and heavy vehicles entering or leaving the site each day for the duration of the development.	Daily Truck Movement Register (.xlsx) 13/06/2024 – 9/12/2024	No escorted vehicles entered the site during the audit period and the auditor was advised that no escorted vehicle movements are expected for the remainder of the construction program.	Compliant
<b>Access route</b>				
B3.	All heavy vehicles requiring escort and heavy vehicles associated with the development must travel to and from the site via the Pacific Highway, Scenic Drive and Station Road. Note: The Proponent is required to obtain relevant permits under the Heavy Vehicle National Law (NSW) for the use of heavy vehicles requiring escort on the road network.	Waratah Super Battery Traffic Management Plan Rev 5.0 (Akaysha, 25/09/2023) Waratah Super Battery Delivery Driver Induction – Consolidated Power Projects Daily Truck Movement Register (.xlsx) 13/06/2024 – 9/12/2024	All traffic observed on the day of the site visit was observed entering the site via Station Road.  No OSOM movements occurred during the third audit reporting period.	Compliant
<b>Site access</b>				
B4.	All vehicles associated with the development must enter and exit the site via the access point off Station Road, as identified in Appendix 1	Interview J Doss Interview B Thompson Site visit Waratah Super Battery Traffic Management Plan Rev 5.0 (Akaysha, 25/09/2023) Waratah Super Battery Delivery Driver Induction – Consolidated Power Projects	Both the approved TMP and the site Delivery Driver Induction specifically indicate that access must be through the access point off Station Road. All traffic observed on the day of the site visit was entering the site via Station Road and it is noted that no alternative access points are feasible.	Compliant
<b>Road maintenance</b>				
	The Proponent must:		Compliance with this Condition was addressed during Audit 1 and no	

B5.	<p>(a) undertake an independent dilapidation survey to assess the:</p> <p>(i) existing condition of Station Road on the transport route, prior to construction, upgrading or decommissioning works; and</p> <p>(ii) condition of Station Road on the transport route, following construction, upgrading or decommissioning works;</p> <p>(b) repair Station Road on the transport route if dilapidation surveys identify that the road has been damaged during construction, upgrading or decommissioning works;</p> <p>in consultation with the relevant roads authority, to the satisfaction of the Planning Secretary.</p> <p>If there is a dispute about the repair of Station Road between the Proponent and the relevant roads authority, then either party may refer the matter to the Planning Secretary for resolution. The Planning Secretary's decision on the matter must be final and binding on both parties.</p>	<p>Dilapidation Report (May, 2023)</p> <p>DPE approval letter (reference SSI-48492458-PA-10).</p>	<p>damage to Station Road has occurred during the reporting period.</p>	Compliant
Operating conditions				
B6.	<p>The Proponent must ensure:</p> <p>(a) the internal roads are constructed as all-weather roads;</p> <p>(b) there is sufficient parking on site for all vehicles, and no parking occurs on the public road network in the vicinity of the site;</p> <p>(c) the capacity of the existing roadside drainage network is not reduced;</p> <p>(d) all vehicles are loaded and unloaded on site, and enter and leave the site in a forward direction; and</p> <p>(e) development-related vehicles leaving the site are in a clean condition to minimise dirt being tracked onto the sealed public road network.</p>	<p>Site visit</p> <p>Interview J Doss</p> <p>Interview B Thompson</p>	<p>Road access design criteria confirms all weather design, installed drainage networks and road base. 240 car parking spaces. Field warehousing/ laydown areas on site. Invoices are only paid once delivered to site. Inbound deliveries follow a one-way loop, internal roads continue as bitumen with any debris from vehicles contained within the project site before vehicles leave and enter public road network.</p> <p>The previously installed cattle grid has been removed as it is no longer considered necessary due to the lack of trackable material present on site.</p>	Compliant
Traffic Management Plan				
B7.	<p>Prior to commencing construction, the Proponent must prepare a Traffic Management Plan for the development in consultation with TfNSW and Council, and to the satisfaction of the Planning Secretary. This plan must include:</p> <p>(a) details of the transport route to be used for all development-related traffic;</p> <p>(b) details of the measures that would be implemented to minimise traffic impacts during construction, upgrading or decommissioning works, including:</p> <p>(i) temporary traffic controls, including detours and signage;</p> <p>(ii) notifying the local community about development-related traffic impacts;</p> <p>(iii) procedures for receiving and addressing complaints from the community about development related traffic;</p> <p>(iv) minimising potential cumulative traffic impacts with other State significant development and State significant infrastructure projects and community events in the area;</p> <p>(v) minimising dirt tracked onto the public road network from development-related traffic;</p> <p>(vi) scheduling of heavy vehicle movements to minimise convoy length or platoons;</p> <p>(vii) measures for managing light vehicle peak numbers;</p> <p>(viii) responding to local climate conditions that may affect road safety such as fog, dust, wet weather and flooding;</p> <p>(ix) responding to any emergency repair or maintenance requirements; and</p> <p>(x) a traffic management system for managing heavy vehicles requiring escort;</p> <p>(c) a driver's code of conduct that addresses:</p> <p>(i) driver fatigue;</p> <p>(ii) procedures to ensure that drivers adhere to the designated transport routes and speed limits; and</p> <p>(iii) procedures to ensure that drivers implement safe driving practices.</p> <p>(d) a program to ensure drivers working on the project receive suitable training on the code of conduct and any other relevant obligations under the Traffic Management Plan.</p>	<p>Waratah Super Battery Traffic Management Plan Rev 5.0 (Akaysha, 25/09/2023)</p> <p>DPE correspondence – TMP Approval Letter Ref SSI-48492458-PA-14 17/11/2023</p>	<p>DPE approved the TMP (Rev 5.0) on 17/11/2023, satisfying the requirements of this Condition.</p>	Compliant



	Following the Planning Secretary’s approval, the Proponent must implement the Traffic Management Plan.																																						
Biodiversity																																							
Vegetation clearance																																							
B8.	The Proponent must not clear any native vegetation or fauna habitat located outside the approved disturbance areas described in the EIS.	Site visit Interview J Doss	No clearing has been undertaken during the third audit reporting period. No clearing to date has been undertaken outside of the approved disturbance footprint, which is clearly fenced.	Compliant																																			
Biodiversity offsets																																							
B9.	<p>Prior to carrying out any development that could directly or indirectly impact the biodiversity values requiring offset, the Proponent must retire biodiversity credits as specified in Table 1 and Table 2 below.</p> <p>The retirement of these credits must be carried out in accordance with the NSW Biodiversity Offsets Scheme and can be achieved by:</p> <p>(a) acquiring or retiring ‘biodiversity credits’ within the meaning of the Biodiversity Conservation Act 2016;</p> <p>(b) making payments into an offset fund that has been developed by the NSW Government; or</p> <p>(c) funding a biodiversity conservation action that benefits the entity impacted and is listed in the ancillary rules of the biodiversity offset scheme.</p> <p><b>Table 1: Ecosystem Credit Requirements</b></p> <table><tr><th>Vegetation Community</th><th>PCT ID</th><th>Credits Required</th></tr><tr><td>Scribbly Gum - Red Bloodwood – <i>Angophora inopina</i> heathy woodland on lowlands of the Central Coast</td><td>1636</td><td>4</td></tr><tr><td>Broad-leaved Paperbark - Swamp Oak - Saw Sedge swamp forest on coastal lowlands of the Central Coast and Lower North Coast</td><td>1724</td><td>3</td></tr></table> <p><b>Table 2: Species Credit Requirements</b></p> <table><tr><th>Species Credit Species</th><th>Credits Required</th></tr><tr><td>Charmhaven Apple (<i>Angophora inopina</i>)</td><td>4</td></tr><tr><td>Eastern Pygmy-possum (<i>Cercartetus nanus</i>)</td><td>4</td></tr><tr><td>Large-eared Pied Bat (<i>Chalinolobus dwyeri</i>)</td><td>11</td></tr><tr><td>Wallum Froglet (<i>Crinia tinnula</i>)</td><td>5</td></tr><tr><td>Giant Burrowing Frog (<i>Heleioporus australiacus</i>)</td><td>3</td></tr><tr><td>Pale-headed Snake (<i>Hoplocephalus bitorquatus</i>)</td><td>7</td></tr><tr><td>Green and Golden Bell Frog (<i>Litoria aurea</i>)</td><td>7</td></tr><tr><td>Green-thighed Frog (<i>Litoria brevipalmata</i>)</td><td>5</td></tr><tr><td>Squirrel Glider (<i>Petaurus norfolcensis</i>)</td><td>7</td></tr><tr><td>Brush-tailed Phascogale (<i>Phascogale tapoatafa</i>)</td><td>7</td></tr><tr><td>Common Planigale (<i>Planigale maculate</i>)</td><td>7</td></tr><tr><td>Mahony’s Toadlet (<i>Uperoleia mahonyi</i>)</td><td>7</td></tr></table>	Vegetation Community	PCT ID	Credits Required	Scribbly Gum - Red Bloodwood – <i>Angophora inopina</i> heathy woodland on lowlands of the Central Coast	1636	4	Broad-leaved Paperbark - Swamp Oak - Saw Sedge swamp forest on coastal lowlands of the Central Coast and Lower North Coast	1724	3	Species Credit Species	Credits Required	Charmhaven Apple ( <i>Angophora inopina</i> )	4	Eastern Pygmy-possum ( <i>Cercartetus nanus</i> )	4	Large-eared Pied Bat ( <i>Chalinolobus dwyeri</i> )	11	Wallum Froglet ( <i>Crinia tinnula</i> )	5	Giant Burrowing Frog ( <i>Heleioporus australiacus</i> )	3	Pale-headed Snake ( <i>Hoplocephalus bitorquatus</i> )	7	Green and Golden Bell Frog ( <i>Litoria aurea</i> )	7	Green-thighed Frog ( <i>Litoria brevipalmata</i> )	5	Squirrel Glider ( <i>Petaurus norfolcensis</i> )	7	Brush-tailed Phascogale ( <i>Phascogale tapoatafa</i> )	7	Common Planigale ( <i>Planigale maculate</i> )	7	Mahony’s Toadlet ( <i>Uperoleia mahonyi</i> )	7	Biodiversity Conservation Act 2016 Section 6.33 Certificate SSI-48492458 28/03/2023	Payments into the Biodiversity Conservation Fund relevant to SSI-48492458 were made on 20/03/2023. Project construction commenced on 13/06/2023, satisfying the timing requirement of this Condition.	Compliant
Vegetation Community	PCT ID	Credits Required																																					
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B10.	Prior to carrying out any development that could directly or indirectly impact the biodiversity values requiring offset, the Proponent must provide evidence to the Planning Secretary that biodiversity credits have been retired.	Interview J Doss Email from P Subrammanian (Akaysha) dated 17/12/2024 Email from N Madden (EnergyCo) dated 7/08/2024 Biodiversity Conservation Act 2016 Section 6.33 Certificate SSI-48492458 28/03/2023 Proponents Response to IEA#2 Findings, Akaysha 20 August 2024	The auditor was advised that due to confusion between EnergyCo and Akaysha's responsibilities with respect to reporting to the Department, the Section 6.33 documentation was not provided the Department prior to construction commencing.  Akaysha subsequently notified the Department and submitted the documentation via the Major Project portal as part of their response to the non-compliant finding raised in the second audit. The Section 6.33 document providing evidence of credits being retired via payment to the Biodiversity Conservation Fund) was provided showing all credits have been retired via payment to the Biodiversity Conservation Fund, as Appendix D of the submission, however the Appendix was incorrectly referenced in the covering note which may create some confusion. As the documentation was provided the matter is considered Not Triggered during the audit reporting period.  The auditor was made aware of provision of a subsequent additional non-compliance notification, submitted after the third audit site inspection, with regard to not providing the documentation prior to commencement of development. This is considered by the auditor to be a secondary notification of the non-compliance.	Not triggered
Biodiversity Management Plan				
B11.	Prior to commencing construction, the Proponent must prepare a Biodiversity Management Plan for the project in consultation with BCS, and to the satisfaction of the Planning Secretary. This plan must:  (a) be prepared in accordance with the Biodiversity Development Assessment Report (dated 4 November 2022); (b) include a description of the measures and timeframes that would be implemented for: (i) protecting vegetation and fauna habitat outside the approved disturbance areas; (ii) minimising clearing and avoiding unnecessary disturbance of vegetation that is associated with the construction and operation of the development; (iii) minimising the impacts to fauna on site and implementing fauna management protocols; (iv) rehabilitating and revegetating temporary disturbance areas with species that are endemic to the area; (v) maximising the salvage of vegetative and soil resources within the approved disturbance area for beneficial reuse in the enhancement or the rehabilitation of the site; and (vi) controlling weeds, feral pests and pathogens; (c) include a program to monitor and report on the effectiveness of mitigation measures; (d) include an incidental threatened species finds protocol to identify the avoid and/or minimise and/or offset options to be implemented if additional threatened species are discovered on site; (e) include details of who would be responsible for monitoring, reviewing and implementing the plan. Following the Planning Secretary's approval, the Proponent must implement the Biodiversity Management Plan. <i>Note: If the biodiversity credits are retired via a Biodiversity Stewardship Agreement, then the Biodiversity Management Plan does not need to include any of the matters that are covered under the Biodiversity Stewardship Agreement</i>	Waratah Super Battery Biodiversity Management Plan Rev D (WSP, 19/05/2023) DPE BMP Approval Letter Ref SSI-48492458-PA-1 Independent Audit Report – Waratah Super BESS (NGH, 25/01/2024)Memo, Waratah Bess BMP, WSP 4 June 2024 Memo, Waratah BESS BMP, WSP 4 June 2024	BMP Rev D approved by DPE on 31/05/2023 and as such is considered compliant with the requirements of this condition.  A review (see Memo) of the BMP was undertaken in light of the recommendation provided in the first construction phase audit. The review concluded, along with some further clarification that no changes to the current BMP were considered necessary. The auditor is satisfied that the BMP adequately addressed the requirements of this condition.	Compliant
Amenity				
Construction, Upgrading and Decommissioning Hours				

B12.	<p>Unless the Planning Secretary agrees otherwise, the Proponent may only undertake construction, upgrading or decommissioning activities between:</p> <p>(a) 7 am to 6 pm Monday to Friday;</p> <p>(b) 8 am to 1 pm Saturdays; and</p> <p>(c) at no time on Sundays and NSW public holidays.</p> <p>The following construction, upgrading or decommissioning activities may be undertaken outside these hours without the approval of the Planning Secretary:</p> <ul style="list-style-type: none"><li>the delivery of materials as requested by the NSW Police Force or other authorities for safety reasons; and</li><li>emergency work to avoid the loss of life, property and/or material harm to the environment.</li></ul>	<p>Interview J Doss</p> <p>DPE correspondence - Waratah Super Battery - Out of Hours Request (ref: SSI-48492458-PA-33)</p> <p>Waratah Complaints Register (.xlsx)</p> <p>Post Approval Document Submission Form - OOHW Day - Noise Model Validation Report</p> <p>Post Approval Document Submission Form - WSB-PLA Request for unattended Noise Monitoring</p>	<p>During the third audit reporting period the proponent sought approval to undertake out of hours work until 31 May 2025. The Department agreed to allow the out of hours work up until 31 December 2025, after which it is willing to consider a further variation.</p> <p>No noise complaints were received during the third audit reporting period.</p>	Compliant																		
Noise																						
B13.	<p>The Proponent must:</p> <p>(a) minimise the noise generated by any construction, upgrading or decommissioning activities on site in accordance with best practice requirements outlined in the Interim Construction Noise Guideline (DECC, 2009) or its latest version: and</p> <p>(b) take all reasonable and feasible steps to minimise operational noise and ensure that the noise generated by the operation of the development does not exceed the noise limits in Table 3 below to be determined in accordance with the procedures in the NSW Noise Policy for Industry (EPA, 2017) at any non-associated residence.</p> <table><tr><td colspan="4">Table 3: Noise Limit Requirements</td></tr><tr><td rowspan="3">Location</td><td colspan="3">Noise Limits in dB(A)</td></tr><tr><td>Day</td><td>Evening</td><td>Night</td></tr><tr><td>L<sub>Aeq, 15min</sub></td><td>L<sub>Aeq, 15min</sub></td><td>L<sub>Aeq, 15min</sub></td></tr><tr><td>Any residential receiver</td><td>40</td><td>40</td><td>35</td></tr></table>	Table 3: Noise Limit Requirements				Location	Noise Limits in dB(A)			Day	Evening	Night	L <sub>Aeq, 15min</sub>	L <sub>Aeq, 15min</sub>	L <sub>Aeq, 15min</sub>	Any residential receiver	40	40	35	<p>Site visit</p> <p>Waratah Complaints Register (.xlsx)</p> <p>Interview J Doss</p> <p>Interview B Thompson</p> <p>Report - Waratah Super BESS - Noise Modelling, GHD 23 October 2024</p>	<p>No noise complaints were received during the third audit reporting period. All plant and equipment utilised during the site inspection was observed being operated in a way that minimised noise generation.</p> <p>The October 2024 Noise report concluded that "at the receiver locations construction noise was inaudible during majority of monitoring periods. Additionally, the predicted noise levels using the validated model achieve the NMLs at all sensitive receivers"</p>	Compliant
Table 3: Noise Limit Requirements																						
Location	Noise Limits in dB(A)																					
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Any residential receiver	40	40	35																			
Dust																						
B14.	<p>The Proponent must minimise the dust generated by the development.</p>	<p>Site visit</p> <p>Waratah Complaints Register (.xlsx)</p>	<p>The audit was advised that a water cart is used when required. There are now limited exposed areas now on-site with the potential to generate dust. No visible dust was observed to be being generated during the site inspection..</p>	Compliant																		
Visual																						
B15.	<p>The Proponent must:</p> <p>(a) minimise the off-site visual impacts of the development, including the potential for any glare or reflection;</p> <p>(b) ensure the visual appearance of all ancillary infrastructure (including paint colours) blends in as far as possible with the surrounding landscape; and</p> <p>(c) not mount any advertising signs or logos on site, except where this is required for identification or safety purposes.</p>	<p>Site visit</p> <p>Interview J Doss</p> <p>Waratah Super Battery - Munmorah, Environmental Impact Statement (GHD, 2022)</p>	<p>No changes from previous audit. The site and infrastructure remain visually screened form sensitive receivers.</p>	Compliant																		
Lighting																						
B16.	<p>The Proponent must:</p> <p>(a) minimise the off-site lighting impacts of the development; and</p> <p>(b) ensure that any external lighting associated with the development:</p> <p>(i) is installed as low intensity lighting (except where required for safety or emergency purposes);</p> <p>(ii) does not shine above the horizontal; and</p> <p>(iii) complies with Australian/New Zealand Standard AS/NZS 4282:2019 – Control of Obtrusive Effects of Outdoor Lighting, or its latest version.</p>	<p>Waratah Super BESS Lighting Study Report (CPP, 25/08/2023)</p> <p>Waratah Complaints Register (.xlsx)</p> <p>Site visit</p> <p>Interview J Doss</p>	<p>Waratah Lighting Study Report (CPP, 2023) lists specific input performance objectives as per the requirements of this condition that will be implemented during construction.</p> <p>No lighting-related complaints have been received during the third audit reporting period.</p>	Compliant																		
Heritage																						
Chance Finds Procedure																						
B17.	<p>Prior to the commencement of development, the Proponent must implement the Unanticipated Discovery Protocols (Navin Officer Heritage Consultants, 2022) for the development.</p>	<p>Waratah Super Battery Energy Storage System Construction Environmental Management Plan Rev 1.2 (CPP, 28/04/2023)</p> <p>Interview J Doss</p>	<p>The steps outlined in Appendix 2 of the Heritage Assessment (Navin Officer Heritage Consultants, October 2022) have been incorporated into the Project CEMP (CPP, 2023) in s 6.13.2.2. No unexpected heritage finds have occurred on the site to date of the third audit.</p>	Compliant																		

Soil and Water				
Water Supply				
B18.	<p>The Proponent must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of the development to match its available water supply.</p> <p><i>Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Proponent is required to obtain the necessary water licences for the development.</i></p>	<p>Site visit</p> <p>Interview J Doss</p> <p>Interview B Thompson</p>	<p>Water for the Project is mostly supplied through a metered hydrant. A water truck does deliver water to temporary on-site amenities.</p>	Compliant
Water Pollution				
B19.	<p>The Proponent must ensure that the development does not cause any water pollution, as defined under Section 120 of the POEO Act.</p>	<p>Site visit</p> <p>Waratah Super Battery 330/33kV Substation, Bess Yard and O&amp;M Area - Erosion and Sediment Control Plan, Stage 2 Rev0 (Hatch, 18/04/2024)</p> <p>Dewatering Assessment, Western Basin-Swail, 13 August 2024</p>	<p>A controlled release from the Western Basin was undertaken on 13 August 2024 with appropriate monitoring.</p> <p>No uncontrolled water discharge incidents occurred during audit period</p>	Compliant
Operating conditions				
B20.	<p>The Proponent must:</p> <p>(a) minimise any soil erosion and control sediment generation;</p> <p>(b) ensure that construction, upgrading or decommissioning of the development has appropriate drainage and erosion and sediment controls designed, installed and maintained in accordance with the relevant requirements in the Managing Urban Stormwater: Soils and Construction (Landcom, 2004) manual, or its latest version;</p> <p>(c) ensure the battery storage and ancillary infrastructure (including security fencing) are designed, constructed and maintained to reduce impacts on surface water, localised flooding and groundwater at the site;</p> <p>(d) ensure the battery storage and ancillary infrastructure are designed, constructed and maintained to avoid causing any erosion on site; and</p> <p>(e) ensure that all works are undertaken in accordance with Guidelines for Controlled Activities on Waterfront Land (NRAR, 2018), or its latest version, unless DPE Water agrees otherwise.</p>	<p>Site visit</p> <p>Waratah Super Battery 330/33kV Substation, Bess Yard and O&amp;M Area - Erosion and Sediment Control Plan, Stage 2 Rev0 (Hatch, 18/04/2024)</p> <p>Interview J Doss</p> <p>Interview B Thompson</p> <p>Interview F Flynn</p>	<p>During the site inspection erosion and sediment controls, including sediment basins appeared to be generally well managed. The site is now mostly covered and compacted hard stand and battery infrastructure.</p> <p>Battery storage infrastructure includes secondary containment where required and stormwater basis are managed in order to contain any potential spill events.</p> <p>A minor erosion gully was observed e forming in emplaced fill material draining toward the protected frog pond . A sediment fence was installed to prevent sediment entering the pond. The sediment fence, while appearing to be adequately arresting sediment, was observed to be in need of maintenance. It is suggested that the minor erosion gully is rectified and stabilised and controls put in place to prevent further erosion in this preferential drainage line. This considered to be an opportunity for improvement.</p>	Compliant
Hazards				
Fire safety study				
B21.	<p>Prior to commencing construction of the battery storage, the Proponent must prepare a Fire Safety Study for the development, to the satisfaction of FRNSW and the Planning Secretary in writing. The study must:</p> <p>(a) be consistent with the Department's Hazardous Industry Planning Advisory Paper No. 2 'Fire Safety Study' guideline;</p> <p>(b) include reasonable worst-case bush fire scenario to and from the battery storage and the associated bush fire management, including provision of asset protection zones developed in consultation with RFS;</p> <p>(c) describe the final design of the battery storage; and</p> <p>(d) identify measures to eliminate the expansion of any fire incident including:</p> <p>(i) adequate fire safety systems and appropriate water supply;</p> <p>(ii) separation and / or compartmentalisation of battery units; and</p> <p>(iii) strategies and incident control measures specific to the battery storage design.</p>	<p>Fire Safety Study – Waratah BESS Facility (Rev 4, Advitech, 26 July 2024)</p> <p>DPE correspondence – FSS Approval Letter Ref SSI-48492458-PA-7-27 31/06/2024</p> <p>Interview J Doss</p>	<p>The Final FSS adequately addresses the requirements of this condition and was approved by the Planning Secretary on 31 July 2024, including identified consultation with FRNSW. The FSS was being implemented at the time of the audit, including strategies and incident control measures including temporary fire fighter infrastructure, secondary containment, emergency information packages at key access points to site. The permanent fire fighter water supply was still in construction at the time of the audit awaiting final commissioning.</p>	Compliant



	<p>Following approval by the Planning Secretary, the Proponent must implement the measures described in the Fire Safety Study.</p> <p><i>Note: 'to the satisfaction of FRNSW' above means confirmation in writing from FRNSW that the Study meets the requirements of FRNSW as required by the Department's Hazardous Industry Planning Advisory Paper No. 2 'Fire Safety Study' guideline.</i></p>			
<b>Storage and handling of dangerous goods</b>				
<b>B22.</b>	<p>The Proponent must store and handle all chemicals, fuels and oils used on-site in accordance with:</p> <p>(a) the requirements of all relevant Australian Standards; and</p> <p>(b) the NSW EPA's Storing and Handling of Liquids: Environmental Protection – Participants Handbook if the chemicals are liquids.</p> <p>In the event of an inconsistency between the requirements (a) and (b) above, the most stringent requirement must prevail to the extent of the inconsistency.</p>	<p>Interview A Gutierrez</p> <p>Site visit</p> <p>Waratah Super Battery Energy Storage System</p> <p>Construction Environmental Management Plan Rev 1.2 (CPP, 28/04/2023)</p>	<p>Minor amounts of chemical, including Class 3 fuel and Class 2 gases were being appropriately stored on site.</p>	Compliant
<b>Operating conditions</b>				
<b>B23.</b>	<p>The Proponent must:</p> <p>(a) minimise the fire risks of the development, including managing vegetation fuel loads on-site;</p> <p>(b) ensure that the development:</p> <p>meets the Aim and Objectives of Planning for Bushfire Protection 2019, including provision of appropriate asset protection zones developed in consultation with RFS;</p> <p>includes a 10 metre defendable space around the perimeter that permits unobstructed vehicle access</p> <p>manages the defendable space areas as an Asset Protection Zone; and</p> <p>is suitably equipped to respond to any fires on site including provision of a 20,000 litre water supply tank for bush and grass firefighting fitted with a 65mm Storz fitting and a FRNSW compatible suction connection located adjacent to an internal access road;</p> <p>(c) assist the RFS and emergency services as much as practicable if there is a fire in the vicinity of the site; and</p> <p>(d) notify the relevant Local Emergency Management Committee following construction of the development, and prior to commencing operations.</p>	<p>Emergency Response Plan - Waratah Super Battery (Rev 1.0, 14 August 2024)</p> <p>Fire Safety Study – Waratah BESS Facility (Rev 4, Advitech, 26 July 2024)</p> <p>Site visit</p> <p>Interview J Doss</p>	<p>It is noted that the operational tanks are not onsite yet however two temporary 10,000L water tankers are permanently on site with hydrant access.</p> <p>The ERP addresses the requirements of this condition as implemented on site at the time of the audit.</p> <p>The proponent will need to (d) notify the relevant Local Emergency Management Committee following construction of the development, and prior to commencing operations.</p> <p>No fires have occurred on or around site to date.</p>	Compliant
<b>Emergency plan</b>				
<b>B24.</b>	<p>Prior to commencing commissioning, the Proponent must develop and implement a comprehensive Emergency Plan and detailed emergency procedures for the development, and provide a copy of the plan to the local Fire Control Centre and FRNSW. The plan must:</p> <p>(a) be prepared in accordance with the findings of the Fire Safety Study required under Condition B21 of Schedule 2;</p> <p>(b) be consistent with the Department's Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning' and RFS's Planning for Bushfire Protection 2019 (or equivalent) and A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan (RFS 2014);</p> <p>(c) list works that should not be carried out during a total fire ban;</p> <p>(d) include details of the location, management and maintenance of the Asset Protection Zone and who is responsible for the maintenance and management of the Asset Protection Zone;</p> <p>(e) include details on how the battery storage and sub-systems can be safely isolated in an emergency;</p> <p>(f) include bushfire emergency management planning;</p> <p>(g) include details of how RFS would be notified, and procedures that would be implemented, in the event that:</p> <ul style="list-style-type: none"> <li>• there is a fire on-site or in the vicinity of the site;</li> <li>• there are any activities on site that would have the potential to ignite surrounding vegetation; or</li> </ul>	<p>Emergency Response Plan - Waratah Super Battery (Rev 1.0, 14 August 2024)</p> <p>Emergency Services Information Package (ESIP, Initial Issue Rev 1, 14/11/2024).</p> <p>Email to FRNSW - Waratah Super Battery - Emergency Response Plan and ESIP, dated 15 August 2024</p> <p>FRNSW Form - Lodgement of Emergency Plan (completed by proponent)</p>	<p>The Waratah Super Battery 330kV substation was energised on Saturday 18/08/2024.</p> <p>Collector Group 11 (First BESS Group) was energised on Sunday, 1/9/2024. First BESS unit energised commissioning commenced 2/9/2024.</p> <p>The ERP and ESIP were provided to FRNSW on 15 August 2024</p> <p>The ERP has been prepared:</p> <p>(a) in accordance with the FSS</p> <p><b>(b) with no reference made to, or verification provided, that the ERP is consistent with the Department's Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning' and RFS's Planning for Bushfire Protection 2019 (or equivalent) and A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan (RFS 2014).</b></p> <p><b>(c) with no list of works that should not be undertaken during total fire ban</b></p> <p>(d) including management of asset protection zones and roles and</p>	Not-compliant

	<ul style="list-style-type: none"> <li>there are any proposed activities to be carried out during a bushfire danger period; and</li> <li>include an Emergency Services Information Package in accordance with Emergency services information and tactical fire plan (FRNSW, 2019), and an Emergency Responders Induction Package to the satisfaction of FRNSW and RFS;</li> </ul> <p>The Proponent must: implement the Emergency Plan and Emergency Services Information Package for the duration of the development; and</p> <p>keep two copies of the Emergency Plan and Emergency Services Information Package on-site in a prominent position adjacent to the site entry points at all times.</p>		responsibilities (e) addressing isolation of batteries and collector groups (f) including Scenario 1 - Bushfire (g) including RFS notification requirements (h) including ESIP	
<b>Waste</b>				
<b>B25.</b>	<p>The Proponent must:</p> <ul style="list-style-type: none"> <li>minimise the waste generated by the development;</li> <li>classify all waste generated on site in accordance with the EPA's Waste Classification Guidelines 2014 (or its latest version);</li> <li>store and handle all waste on site in accordance with its classification;</li> <li>not receive or dispose of any waste on site; and</li> <li>remove all waste from the site as soon as practicable, and ensure it is reused, recycled or sent to an appropriately licensed waste facility for disposal.</li> </ul>	<p>Site visit  Pumpout Tracking – CPP – Colongra – 20240523 (.xlsx)  Waste Tracking Register.xls, 17/6/2024 - 5/12/2024  Waste transfer receipt (Timber Waste), Service Docket 861491, 5/12/2024  Waste transfer receipt (General Waste), Service Docket 829447, 28/11/2024</p>	<p>Multiple waste stream receptacles were observed on site, including scrap metal, scrap copper, timber and general waste. No evidence of waste being received or disposed of on site was observed during the site visit and no excess waste was observed on site, indicating that it is being removed at appropriate intervals.</p> <p>Sample Waste dockets were provided upon request, along with Waste Register was provided for review during the audit, indicating appropriate removal from site by licenced transporters.</p>	Compliant
<b>Remediation</b>				
<b>Remedial Works</b>				
<b>B26.</b>	<p>Prior to carrying out construction, the Proponent must develop and implement a Remedial Action Plan prepared in accordance with the relevant guidelines produced or approved under the Contaminated Lands Management Act 1997. Remediation works must be undertaken by a suitably qualified and experienced consultant(s).</p>	<p>Remediation Action Plan (Consulting Earth Scientists, 27 March 2023)  Validation Report (Consulting Earth Scientists, 18 May 2023).</p>	<p>The Remediation Action Plan was prepared approximately 3 months before the commencement of construction, by registered Soil Conservationist (SC41156) and Certified Environmental Practitioner (CEnvP 682). Remediation works were completed 6 December 2022 to 4 May 2023, undertaken by Consulting Earth Scientists.</p> <p>No additional remediation works have been required during the reporting period.</p>	Compliant
<b>Validation report</b>				
<b>B27.</b>	<p>Within one month of the completion of the remediation works, the Proponent must submit a copy of a validation report/letter to the EPA, Council and the Planning Secretary, which has been prepared, or reviewed and approved, by a consultant certified under either the Environment Institute of Australia and New Zealand's Certified Environmental Practitioner (Site Contamination) Scheme (CEnvP(SC)) or the Soil Science Australia Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme.</p>	<p>Post approval lodgement receipt (Waratah Super Battery - SSI-48492458-PA-12)  Validation Report (Consulting Earth Scientists, 18 May 2023).</p>	<p>The validation letter relevant to the initial remediation works (Dec 22 - May 23) was submitted within one month of completion.</p> <p>No additional remediation works have been required during the reporting period.</p>	Compliant
<b>Site Audit Report and Site Audit Statement</b>				
<b>B28.</b>	<p>Within six months of the completion of remediation works the Proponent must submit a Site Audit Report and Site Audit Statement to the EPA, Council and the Planning Secretary. The reports must be prepared by the Site Auditor in accordance with relevant guidelines produced or approved under the Contaminated Lands Management Act 1997 and must confirm:</p> <ul style="list-style-type: none"> <li>the remedial works have been completed in accordance with the RAP and REMP and the site is suitable for its intended land use; and</li> <li>the risks to human health and the environment have been addressed in accordance with the objectives of the RAP.</li> </ul>	<p>Second IEA Report (NGH, 2024)</p>	<p>Evidence of Site Audit Rpoert submission was sighted during the second audit, closing out the non-compliant finding against this Condition from the first audit.</p> <p>This Condition has not been triggered during the third audit reporting period.</p>	Not triggered
<b>Unexpected finds</b>				

B29.	Prior to the commencement of construction, the Proponent must prepare an unexpected finds procedure to ensure that potentially contaminated material is appropriately managed. The procedure must form part of the Environmental Management Strategy for the development and must ensure any material identified as contaminated is be disposed off-site, with the disposal location and results of testing submitted to the Planning Secretary, prior to its removal from the site.	Waratah Super Battery Environmental Management Strategy Rev D (WSP, 4/05/2023)	The Project Unexpected Finds Procedure (contamination) is included as Appendix C of the approved EMS Rev D.	Compliant										
Decommissioning and Rehabilitation														
B30.	<div>Within 18 months of the cessation of operations, unless the Planning Secretary agrees otherwise, the Proponent must rehabilitate the site to comply with the objectives in Table 4.</div> <div>Table 4: Rehabilitation Objectives</div> <table><tr><th>Feature</th><th>Objective</th></tr><tr><td>Site</td><td><ul style="list-style-type: none"><li>Safe, stable and non-polluting.</li></ul></td></tr><tr><td>Battery Storage infrastructure</td><td><ul style="list-style-type: none"><li>To be decommissioned and removed, unless the Planning Secretary agrees otherwise.</li></ul></td></tr><tr><td>Land use</td><td><ul style="list-style-type: none"><li>Restore land to a stable condition</li></ul></td></tr><tr><td>Community</td><td><ul style="list-style-type: none"><li>Ensure public safety at all times.</li></ul></td></tr></table>	Feature	Objective	Site	<ul style="list-style-type: none"><li>Safe, stable and non-polluting.</li></ul>	Battery Storage infrastructure	<ul style="list-style-type: none"><li>To be decommissioned and removed, unless the Planning Secretary agrees otherwise.</li></ul>	Land use	<ul style="list-style-type: none"><li>Restore land to a stable condition</li></ul>	Community	<ul style="list-style-type: none"><li>Ensure public safety at all times.</li></ul>		Operations have not ceased during the reporting period.	Not triggered
Feature	Objective													
Site	<ul style="list-style-type: none"><li>Safe, stable and non-polluting.</li></ul>													
Battery Storage infrastructure	<ul style="list-style-type: none"><li>To be decommissioned and removed, unless the Planning Secretary agrees otherwise.</li></ul>													
Land use	<ul style="list-style-type: none"><li>Restore land to a stable condition</li></ul>													
Community	<ul style="list-style-type: none"><li>Ensure public safety at all times.</li></ul>													
Part C Environmental Management, Reporting and Auditing														
Environmental Management														
Environmental Management Strategy														
C1.	Prior to commencing construction, the Proponent must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must: (a) provide the strategic framework for environmental management of the development; (b) identify the statutory approvals that apply to the development; (c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (d) set out the procedures that would be implemented to: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the development; (ii) receive, handle, respond to, and record complaints; (iii) resolve any disputes that may arise; (iv) respond to any non-compliance; (v) respond to emergencies; and (e) include: (i) references to any strategies, plans and programs approved under the conditions of this approval; and (ii) a clear plan depicting all the monitoring to be carried out in relation to the development, including a table summarising all the monitoring and reporting obligations under the conditions of this approval. Following the Planning Secretary's approval, the Proponent must implement the Environmental Management Strategy.	Waratah Super Battery Environmental Management Strategy Rev D (WSP, 4/05/2023) DPE correspondence – EMS Approval Letter Ref SSI-48492458-PA-3 1/06/2023	The previous audit found the Environmental Management Strategy included the information required under with this condition. The Environmental Management Strategy (Rev D, dated 4 May 2023) was approved by a nominee of the Planning Secretary on 1 June 2023.  No changes have been made to the EMS during the reporting period. The site visit and audit process found that the EMS is generally being implemented during construction of the Project.	Compliant										
Revisions of Strategies, Plans and Programs														
C2.	The Proponent must: (a) update the strategies, plans or programs required under this approval to the satisfaction of the Planning Secretary prior to carrying out any upgrading or decommissioning activities on site; and (b) review and, if necessary, revise the strategies, plans or programs required under this approval to the satisfaction of the Planning Secretary within 1 month of the: (i) submission of an incident report under condition C10 of Schedule 2; (ii) submission of an audit report under condition C14 of Schedule 2; or (iii) any modification to the conditions of this approval.	Environmental Incident Notification 001 (1 December 2023) Interview J Doss Independent Audit Report – Waratah Super BESS (NGH, 5/08/2024)	The CEMP was reviewed during the audit period with no change deemed necessary.	Compliant										
Staging, Combining and Updating Strategies, Plans or Programs														

C3.	With the approval of the Planning Secretary, the Proponent may: (a) prepare and submit any strategy, plan or program required by this approval on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program); (b) combine any strategy, plan or program required by this approval (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and (c) update any strategy, plan or program required by this approval (to ensure the strategies, plans and programs required under this approval are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).	Interview J Doss	Not required during the reporting period.	Not triggered
C4.	If the Planning Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this approval.	Interview J Doss		Not triggered
C5.	If approved by the Planning Secretary, updated strategies, plans or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan or program.	Interview J Doss		Not triggered
C6.	If the Planning Secretary agrees, a strategy, plan or program may be staged without addressing particular requirements of the relevant condition of this approval if those requirements are not applicable to the particular stage.	Interview J Doss		Not triggered
<b>Notifications</b>				
<b>Notification of Department</b>				
C7.	Prior to commencing the construction, operations, upgrading or decommissioning of the development or the cessation of operations, the Proponent must notify the Department in writing via the Major Projects website portal of the date of commencement, or cessation, of the relevant phase.  If any of these phases of the development are to be staged, then the Proponent must notify the Department in writing prior to commencing the relevant stage, and clearly identify the development that would be carried out during the relevant stage.	Notification of construction commencement (SSI-48492458-PA-13)	Letter correspondence 9 June 2023, to notify the Department of Planning and Environment in accordance with this condition that Akaysha Energy would be commencing construction on the Waratah Super Battery Project from Tuesday 13th June 2023.  No new phases have commenced within the reporting period.  As energised commissioning of the substation and some batteries has commenced and as it is proposed to commence (in part) the operation of the battery, consideration needs to be given as to whether the latter constitute staging of the operations Phase, hence triggering the requirement to notify prior to operation for each stage.	Compliant
<b>Final Layout Plans</b>				
C8.	Prior to commencing construction, the Proponent must submit detailed plans of the final layout of the development to the Department via the Major Projects website, showing comparison to the approved layout and including details on the siting of the battery storage and ancillary infrastructure, via the Major Projects website.  The Proponent must ensure that the development is constructed in accordance with the Final Layout Plans.	Site Layout Plan 12590-EL-DR-1000 Notification reference SSI-48492458-PA-11	Compliance with this Condition was addressed during Audit 1.	Compliant
<b>Works as executed plans</b>				
C9.	Prior to commencing operations or following the upgrades of any battery storage components or ancillary infrastructure, the Proponent must submit work as executed plans of the development showing comparison to the final layout plans to the Department via the Major Projects website.	Site inspection	Operations have not commenced during the reporting period.	Not triggered
<b>Incident notification</b>				
C10.	The Department 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 project approval number and the name of the project 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 4.	Heads Up - Snake Incident, 14/6/2024  Environmental Incident Notification 004, 21 June 2024 - Accidental Harm of Snake  CPP Operation Learning Report (snake incident), 15/6/2025	One notifiable incident occurred during the third audit reporting period with regard to an injured snake that required a trained snake handler to humanely euthanise the animal. The notification contained all required information.	Compliant
<b>Non-compliance notification</b>				



C11.	The Planning Secretary must be notified in writing via the Major Projects website within seven days after the Proponent becomes aware of any non-compliance.	CPP Project Issue Tracking List (Incident Register 2024) (.xlsx) Interview J Doss	No non-compliance that were not incidents (Refer C10, C13) occurred during the reporting period, with the exception of those identified in the second audit and response..  The auditor was made aware of non-compliance notification made post the third audit site inspection with regard to condition B10. This will be considered further for the fourth construction phase audit reporting period.	Not triggered
C12.	A non-compliance notification must identify the development and the project approval 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.	CPP Project Issue Tracking List (Incident Register 2024) (.xlsx) Interview J Doss	No non-compliances that were not incidents occurred during the reporting period.	Not triggered
C13.	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	Akaysha Environmental Incident Notification 002 – Dirty Water Discharge 15/04/2024 Akaysha Environmental Incident Notification 003 – Site Septic Tanks Sewer Overflow 31/05/2024	No non-compliances that were not incidents occurred during the reporting period.	Not triggered
<b>Independent Environmental Audit</b>				
C14.	Independent Audits of the development must be conducted and carried out at the frequency and in accordance with the Independent Audit Post Approval Requirements (2020) to the following frequency: (a) within 3 months of commencing construction; and (b) within 3 months of commencement of operations	Independent Audit Report – Waratah Super BESS (NGH, 25/01/2024) Independent Audit Report – Waratah Super BESS (NGH, 5/08/2024)	The first audit of the Project was undertaken within a timeframe approved by DPHI, as detailed in the first audit report, with the site visit conducted on 12 December 2023. The site visit for the second audit (this audit) was undertaken on 6th June 2024, within 26 weeks of the first audit in accordance with the Independent Audit Post Approval Requirements (2020).  The site visit for the third audit (this audit) was undertaken on 10th December 2024, within 52 weeks of the first audit in accordance with the Independent Audit Post Approval Requirements (2020).	Compliant
C15.	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.	DPHI correspondence – Waratah Super Battery Auditor Nomination Request Ref SSI-48492458-PA-26 20/05/2024	Natascha Arens (Lead Auditor) and Will Weir (Independent Auditor) were endorsed by DPHI on 15/10/2024 to undertake the third and fourth independent audit.	Compliant
C16.	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in condition C14 of Schedule 2 upon giving at least 4 weeks' notice to the Proponent of the date upon which the audit must be commenced.		Noted	Not triggered
C17.	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 C14 of Schedule 2 of this approval, or condition C16 of Schedule 2 where notice is given by the Planning Secretary; (b) submit the response to the Planning Secretary; and (c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Planning Secretary, unless otherwise agreed by the Planning Secretary.	<a href="https://akayshaenergy.com/projects/waratah-super-battery">https://akayshaenergy.com/projects/waratah-super-battery</a>	The second audit report and response were provided to the Planning Secretary in accordance with this condition.  The second audit report and response were not made publicly available within the stipulated timeframe. Refer C20 below.	Not-compliant
C18.	Independent Audit Reports and the Proponent's response to audit findings must be submitted to the Planning 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 Planning Secretary		The second audit report and response were provided to the Planning Secretary in accordance with this condition.	Compliant
C19.	Notwithstanding the requirements of the Independent Audit Post Approvals Requirements (2020), the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.		Noted	Not triggered
<b>Access to information</b>				
	The Proponent must:	<a href="https://www.energyco.nsw.gov.au/projects/waratah-">https://www.energyco.nsw.gov.au/projects/waratah-</a>	The proponent (EnergyCo) maintains a Project website which provide the	

C20.	<p>(a) make the following information publicly available on its website as relevant to the stage of the development:</p> <p>(i) the EIS;</p> <p>(ii) the final layout plans for the development;</p> <p>(iii) current statutory approvals for the development;</p> <p>(iv) approved strategies, plans or programs required under the conditions of this approval;</p> <p>(v) the proposed staging plans for the development if the construction, operation and/or decommissioning of the development is to be staged;</p> <p>(vi) a comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this approval;</p> <p>(vii) how complaints about the development can be made;</p> <p>(viii) any independent environmental audit, and the Proponent's response to the recommendations in any audit; and</p> <p>(ix) any other matter required by the Planning Secretary; and</p> <p>(b) keep this information up to date.</p>	<p><a href="#">super-battery</a></p> <p><a href="https://akayshaenergy.com/projects/waratah-super-battery">https://akayshaenergy.com/projects/waratah-super-battery</a></p> <p><a href="https://community.akayshaenergy.com/waratah-super-battery">https://community.akayshaenergy.com/waratah-super-battery</a></p>	<p>lates versions of the EMS (Rev D), BMP, and TMP. It also provided links to the NSW Government Major Projects website where the EIS and Statutory Approval are held.</p> <p>The project management contractor (Akaysha Energy) also maintains a Project website site with links to the above mention information. However, the EMS (Rev C) is not the most up-to-date version. Only the first Independent Environmental Audit was provided on this website (ie. no audit response or second audit and response).</p> <p>A new website had been developed since in response to the last audit and a link was provided during the third audit site inspection. This site contains the requisite plans, audit reports and associated responses, and complaints reporting mechanism. It was not however publicly searchable at the time of the third audit and hence was considered to be non compliant at the time of the audit inspection. The new landing page has since been made live in place of the previous Project website landing page.</p> <p>The first IEA report of the Project is available on the website however the Proponent's response to this audit report was not publicly available at the time of the audit.</p> <p>The second IEA report of the Project and proponents response was not publicly available on the website/s at the time of the audit.</p>	Not-compliant
<b>Appendix 4 - Incident Notification and Reporting Requirements</b>				
1	A written incident notification addressing the requirements set out below must be submitted to the Planning Secretary via the Major Projects website within seven days after the Proponent becomes aware of an incident. Notification is required to be given under this condition even if the Proponent fails to give the notification required under condition C7 of Schedule 2 or, having given such notification, subsequently forms the view that an incident has not occurred.	Environmental Incident Notification 004, 21 June 2024 - Accidental Harm of Snake	Refer Condition C10	Compliant
2	Written notification of an incident must: (a) identify the development and application number; (b) provide details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident); (c) identify how the incident was detected; (d) identify when the Proponent became aware of the incident; (e) identify any actual or potential non-compliance with conditions of approval; (f) describe what immediate steps were taken in relation to the incident; (g) identify further action(s) that will be taken in relation to the incident; and (h) identify a project contact for further communication regarding the incident.	Environmental Incident Notification 004, 21 June 2024 - Accidental Harm of Snake	As above - the notification contained all required information as specified in this condition.	Compliant
3	Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary, the Proponent must provide the Planning Secretary and any relevant public authorities (as determined by the Planning Secretary) with a detailed report on the incident addressing all requirements below, and such further reports as may be requested.	Environmental Incident Notification 004, 21 June 2024 - Accidental Harm of Snake	As above - the notification contained all required information as specified in this condition.	Compliant
4	The Incident Report must include: (a) a summary of the incident; (b) outcomes of an incident investigation, including identification of the cause of the incident; (c) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and (d) details of any communication with other stakeholders regarding the incident.	Environmental Incident Notification 004, 21 June 2024 - Accidental Harm of Snake	As above - the notification contained all required information as specified in this condition.	Compliant

## Appendix B DPHI Auditor approval

## Appendix C Consultation

### C.1 Department of Planning, Housing and Infrastructure

**From:** Laura Gothard [REDACTED]  
**Sent on:** Tuesday, October 29, 2024 10:09:43 AM  
**To:** Will Weir [REDACTED]  
**Subject:** Re: A230681.00 - Environmental Audit Waratah Super BESS - Consultation Request

Hi Will,

Thank you for reaching out to me for input into the upcoming IEA for the Waratah Super Battery Storage System.

Could you please look specifically at Conditions B9 and B10 (Biodiversity Credit requirements) as I can see conflicting information about the credits and Section 6.33 certificate in previous audits.

In addition, please have a look how their ERSED controls are going, given that they have had issues in this area in the past.

Kind Regards,

**Laura Gothard**  
Senior Compliance Officer

Development Assessment | Department of Planning, Housing and Infrastructure  
[REDACTED]

### C.2 Transport for NSW

**From:** Kane Hitchcock [REDACTED]  
**Sent on:** Thursday, December 5, 2024 1:52:28 AM  
**To:** Will Weir [REDACTED]  
**CC:** Natascha Arens [REDACTED]  
**Subject:** RE: A230681.00 - Environmental Audit Waratah Super BESS - Consultation Request

Hi Will,

TfNSW has no concerns or issues with this development which need to be addressed in the audit process.  
Kind Regards

**Kane Hitchcock**  
Development Services Case Officer  
Transport Planning  
Planning, Integration and Passenger  
**Transport for NSW**

[REDACTED]  
W [transport.nsw.gov.au](https://transport.nsw.gov.au), [TfNSW Private Development Web Page](#)

Newcastle Regional Office, Region North  
6 Stewart Avenue, Newcastle NSW 2302  
Locked Bag 2030, Newcastle NSW 2302



Transport  
for NSW

## C.3 Central Coast Council

**From:** Central Coast Council <Ask@centralcoast.nsw.gov.au>

**Sent on:** Thursday, October 24, 2024 11:36:39 PM

**To:** Will Weir [REDACTED]

**Subject:** Automatic reply: A230681.00 - Environmental Audit Waratah Super BESS - Consultation Request

Thank you for contacting Central Coast Council.

Your enquiry will be forwarded to the appropriate council officer for their action. **Please note requests for service are processed more quickly through our [Online Customer Service Centre](#).**

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## Appendix D Independent Auditor Declaration

<b>Project Name</b>	Waratah Super Battery Project – Munmorah
<b>Consent No.</b>	SSI-48492458
<b>Description of Project</b>	Battery Energy Storage System
<b>Project Address</b>	Scenic Drive, Colongra NSW 2262
<b>Proponent</b>	EnergyCo
<b>Title of Audit</b>	Independent Environmental Audit
<b>Date</b>	December 2024

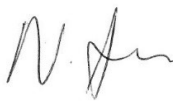
I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:

- the audit has been undertaken in accordance with relevant condition(s) of consent and the *Independent Audit Post Approval Requirements (Department 2019)*;
- the findings of the audit are reported truthfully, accurately and completely;
- I have exercised due diligence and professional judgement in conducting the audit;
- I have acted professionally, objectively and in an unbiased manner;
- I am not related to any proponent, owner or operator of the Project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child;
- I do not have any pecuniary interest in the audited Project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;
- neither I nor my employer have provided consultancy services for the audited Project that were subject to this audit except as otherwise declared to the Department prior to the audit; and
- I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the Project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my 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).

<b>Name of Auditor</b>	Natascha Arens
<b>Signature</b>	
<b>Qualification</b>	BAppSc, MEBM, Exemplar Global Lead auditor
<b>Company</b>	NGH Pty Ltd
<b>Company Address</b>	Unit 17, Level 3, 21 Mary Street, Surry Hills NSW 2010



## Appendix E Site inspection photos



Shallow gulley erosion form in drainage depression leading to the “frog pond”



Permanent water storage tanks area





Operations and Maintenance building under construction (right), boundary sediment fence (left)



Stabilised sediment dam with outlet structure



Stabilising sediment dam and outlet structure.



Stabilisation of previously exposed areas within asset management zone.





An example of prominent environmental signage at the site compound



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**Appendix B**  
**Proponents' response to non-compliances Independent Environmental Audit # 3 Report**  
**Appendix A**

		<b>Document:</b>	DPE Environmental Audit Non Compliance Responses		
		<b>Project:</b>	Waratah Super Battery Project		
		<b>Date:</b>	17/01/2025		
		<b>Reference</b>	Independent Audit Report #3 Waratah Super Bess Jan 2025		
		<b>Section</b>	3.4. No Compliance Report		
Condition No	Requirement	Details of non-compliance	Recommended action	Proponent Response	
A2	The development may only be carried out: (a) in compliance with the conditions of this approval	(a) the audit found two non-compliances (excluding this condition), therefore the development was not being carried out in compliance with the conditions of this approval (Ongoing)	Refer to action below for B24, C17 and C20	Please note response to individual non-compliances in the table below.	
B24	Prior to commencing commissioning, the Proponent must develop and implement a comprehensive Emergency Plan and detailed emergency procedures for the development, and provide a copy of the plan to the local Fire Control Centre and FRNSW. The plan must: (b) be consistent with the Department's Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning' and RFS's Planning for Bushfire Protection 2019 (or equivalent) and A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan (RFS 2014); (c) list works that should not be carried out during a total fire ban;	The ERP has been prepared: (b) with no reference made to, or verification provided, that the ERP is consistent with the Department's Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning' and RFS's Planning for Bushfire Protection 2019 (or equivalent) and A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan (RFS 2014). (c) with no list of works that should not be undertaken during total fire ban	Review and update the ERP to address parts (b) and (c) of this condition	Akaysha Energy acknowledge this non compliance and a review will be completed by Akaysha Energy's ERPC (Emergency Response Planning Committee) with an updated revision planned by 31-01-2025	

C17	In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Proponent must: (c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Planning Secretary, unless otherwise agreed by the Planning Secretary.	The second audit report and response were not made publicly available within the stipulated timeframe. Refer C20 below. (	Ensure all current and future audit reports are made publicly available as required by this condition.	Akaysha Energy has updated the community website to include Second IEA Audit responses and plan on uploading IEA #3 along with the responses once submitted by 31/01/2025
C20	The Proponent must: (a) make the following information publicly available on its website as relevant to the stage of the development: (i) the EIS; (ii) the final layout plans for the development; (iii) current statutory approvals for the development; (iv) approved strategies, plans or programs required under the conditions of this approval; (v) the proposed staging plans for the development if the construction, operation and/or decommissioning of the development is to be staged; (vi) a comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this approval; (vii) how complaints about the development can be made; (viii) any independent environmental audit, and the Proponent's response to the recommendations in any audit; and (ix) any other matter required by the Planning Secretary; and	The proponent (EnergyCo) maintains a Project website which provide the latest versions of the EMS (Rev D), BMP, and TMP. It also provided links to the NSW Government Major Projects website where the EIS and Statutory Approval are held. The project management contractor (Akaysha Energy) also maintains a Project website site with links to the abovementioned information. However, the EMS (Rev C) is not the most up-to-date version. Only the first Independent Environmental Audit was provided on this website (ie. no audit response or second audit and response). A new website had been developed since in response to the last audit and a link was provided during the third audit site inspection. This site contains the requisite plans, audit reports and associated responses, and complaints reporting mechanism. It was not however publicly searchable at the time of the third audit and hence was considered to be noncompliant at the time of the audit inspection. The new landing page has since been made live in place of the previous Project website landing page. No summary of environmental monitoring is provided on the above websites. Consideration should be given as to whether water monitoring and out of hours noise monitoring should be made publicly available. The first IEA report of the Project is available on the website	Review the newly updated website to ensure it provides all requisite information as required by the condition.	Akaysha Energy has added the below documents to our company's community website on 16/01/2025 - Response to 2nd Independent Environment Audit - OOH Noise Monitoring Reports - Updated EMS Revision from C - D - Out of Hours Extension Approvals - IEA Audit #3 to be uploaded by 31/01/2025.  As noted throughout the audit there are currently 3 websites with public information and documentation, EnergyCo, Akaysha Community Website and Akaysha Company Website. To ensure all public information is easily accessible Akaysha Energy will remove all documents from company website and provide a link to the community website for public information. On 17/01/2025 Akaysha has requested EnergyCo to amend their website to provide a link to Akaysha Community Website for public information.

	(b) keep this information up to date.	however the Proponent's response to this audit report was not publicly available at the time of the audit. The second IEA report of the Project and proponents' response was not publicly available on the website/s at the time of the audit. (Ongoing)		
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**Appendix C**  
**Proponents' response to opportunities for improvement under section 4.2 of Independent Environmental**  
**Audit # 3 Report**



<b>Document:</b> DPE Environmental Audit Improvement Opportunities				
<b>Project:</b> Waratah Super Battery Project				
<b>Date:</b> 17/01/2025				
<b>Reference</b> Independent Audit Report #3 Waratah Super Bess Jan 2025				
<b>Section</b> 4.2. Opportunities for Improvement				
NGH Listed Improvement 4.2.	Actioned to	Response	Date To Be Actioned By	Update
One new opportunity for improvement was identified with regard to an exposed area immediately upgradient of the "frog pond". The area was observed to have some shallow gully erosion progressing in the drainage depression leading to the pond. Sediment fence was installed at the toe of the slope which was successfully capturing sediment before entering the pond area, though was in need of maintenance. The auditor and site personnel discussed the need to address the gully erosion and stabilise the areas to prevent further erosion and prevent sediment entering the pond.	BOP Contractor	Cop have scheduled in contractors to rectify erosion and sediment controls on 20/01/2024, As the only construction onsite is the O&M Building and no construction activities are in close proximity to the frog pond CPP are consulting with their environmentalist on removal of the frog fencing and restoration of the Frog pond.	31/01/2025	