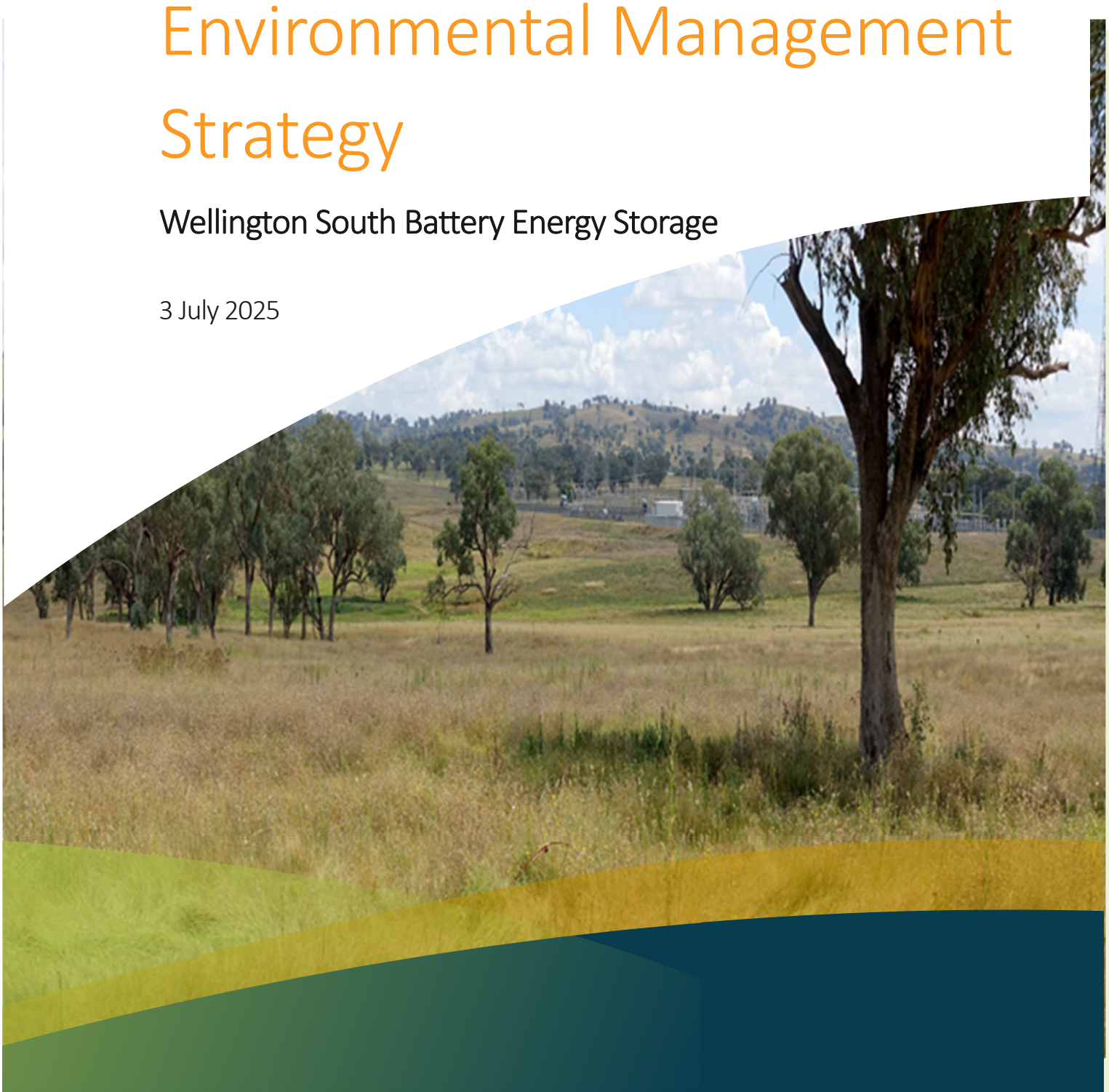
Environmental Management Strategy

Wellington South Battery Energy Storage

3 July 2025



Environmental Management Strategy
Wellington South Battery Energy Storage

AE1229

July 2025

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Abbreviations

ACHMP	Aboriginal Cultural Heritage Management plan
AES	Accommodation and Employment Strategy
AMPYR	AMPYR Australia Pty Ltd
BESS	battery energy storage system
BMP	Biodiversity Management Plan
BoP	balance of plant
CoC	condition of consent
DC	development consent
DECC	Department of Environment and Climate Change
DGs	dangerous goods
DPE	Department of Planning and Environment
DPIE	Department of Planning, Industry and Environment (now DPHI and formerly DPE)
DPHI	Department of Planning, Housing and Infrastructure (Formerly DPIE)
DRC	Dubbo Regional Council
EIS	environmental impact statement
EMP	environmental management plan
EMS	environment management strategy
EPA	Environment Protection Authority
EPC	engineering, procurement and construction
FRNSW	Fire and Rescue NSW
HSE	health, safety and environment
HSEMP	health, safety and environmental management plan
km	kilometre
kV	kilovolt
LGA	local government area
Lumea	commercial arm of Transgrid
MW	megawatt
NEM	National Energy Market
NSW	New South Wales
NSW RFS	NSW Rural Fire Service
POEO Act	*Protection of the Environment Operations Act 1997*
RAP	registered aboriginal party

RJE	Balance of Plant Contractor
RtS	Response to Submissions
SEPP	State Environmental Planning Policy
SSD	State Significant Development
TBD	to be determined
TfNSW	Transport for NSW
TG	Transgrid
TMP	Traffic Management Plan
WSBESS	Wellington South Battery Energy Storage System

1 Introduction

AMPYR Australia Pty Ltd (AMPYR) known as the Principal have received approval to develop, construct and operate the Wellington South Battery Energy Storage System (WSBESS or the project) SSD 27014706 dated 22 December 2023. The project is located approximately 2.2 km north-east of the township of Wellington in the Dubbo Regional Council local government area (LGA) adjacent to the Wellington Substation. The facility will connect to the Wellington Substation, operated by Transgrid, by way of an overhead or underground 330 kilovolt transmission line. Excess energy will be taken by the battery during periods of excess supply and injected back into the electrical grid during periods of peak demand. The battery will operate 24/7 and will have a design life of 20 years.

The Project is located within the Central-West Orana Renewable Energy Zone (CWO REZ) a declared REZ by the New South Wales (NSW) Government. The regional setting and local context are shown in Figure 1 and Figure 2.

The project incorporates a large-scale battery energy storage system (BESS) with a discharge capacity of 500 megawatts (MW) and a storage capacity of 1,000 megawatt hours (MWh), along with connection to the Wellington substation (and associated upgrade works) and associated ancillary infrastructure to facilitate transfer of energy to and from the electrical grid. The Secretary for Planning approved a staged approach for the Project on 03/07/2024. The project will be constructed in two separate stages as follows:

- Stage 1: will include 300 MW installed discharge capacity, civil and enabling works including the project access way, installation of batteries, one transformer and switchgear and associated structural, mechanical and electrical works, and connection to the Transgrid substation.
- Stage 2: would likely consist of 200 MW installed discharge capacity, civil and enabling works, including installation of a second transformer and associated switchgear and batteries, and connection to the Transgrid substation. Stage 2 will commence construction following completion of Stage 1 construction.

AMPYR are the project owners (The Principal) and have engaged Fluence as the Engineering, Procurement and Construction (EPC) contractor to manage the works for the WSBESS, substation, ancillary operational facilities and earthworks bench for the battery storage for Stage 1 only. Fluence Energy will manage ongoing operation and maintenance services of only Stage 1 of the Development for the first twenty years of operations.

Stage 2 is still under development and responsible parties associated with the construction and development shall be nominated separately at a later date.

The Principal have engaged Transgrid to connect the Project to the transmission network used by Transgrid to provide transmission services, which includes certain works that need to be completed by Transgrid to enable Transgrid to connect the Project to the transmission network.

The Development Consent (DC) – Application Number: SSD-27014706 Condition of Consent (CoC) C1 requires the preparation, approval and implementation of an environmental

management strategy (EMS) and a number of management plans for both the construction and operation phases of the project. The DC is attached as Appendix A. This table identifies the documentation in which each condition is addressed. Commitments were also made by in the environmental impact statement (EIS), the response to submissions (RtS) report and the Amendment report for inclusion in the management plans.

Fluence Energy has been engaged by The Principal to prepare this EMS.

1.1 Purpose and scope of this document

The purpose of this EMS is to provide detail on how the requirement of CoC C1 will be managed during the construction and operation of Stage 1 of the WSBESS project. The relationship between the Environmental Management Strategy (EMS) and the environmental management plans and subplans required for the construction and operation of the project are shown diagrammatically in Figure 1.3. It further details which plans have been prepared on behalf of AMPYR and will require approval by the Planning Secretary. Additionally, it identifies which plans will be prepared by the EPC and will be consistent with the Secretary Approved Plans.

This Plan covers the construction works to be undertaken by Fluence and Transgrid as described in Section 3.1 and will be updated where necessary prior to the commencement of Operations and decommissioning.

Table 1.1 provides a cross reference to where each part of CoC C1 is addressed within this document. AMPYR will submit this plan to the Planning Secretary for approval, prior to construction commencing. A record of consultation with the Planning Secretary is included in Appendix D.

Table 1.1 Relevant sections for addressing the EMS development as per CoC C1

Condition C1	**Reference**
Prior to commencing construction, the Applicant 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;*	*This EMS*
b) *identify the statutory approvals that apply to the development;*	*2.1*
c) *describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;*	*6.2,* *6.3*
d) set out the procedures that would be implemented to:	*9*

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	*9.1*
III. resolve any disputes that may arise	*9.3*
IV. respond to any non-compliance	*9.1*
V. respond to any emergencies; and	*6.6*
e) include: *I. references to any plans approved under the conditions of this consent; and*	*4*
II. a clear plan depicting all the monitoring to be carried out in relation to the development	*7.1*
Following the Planning Secretary's approval, the Applicant must implement the Environmental Management Strategy.	

Figure 1.1 Regional context

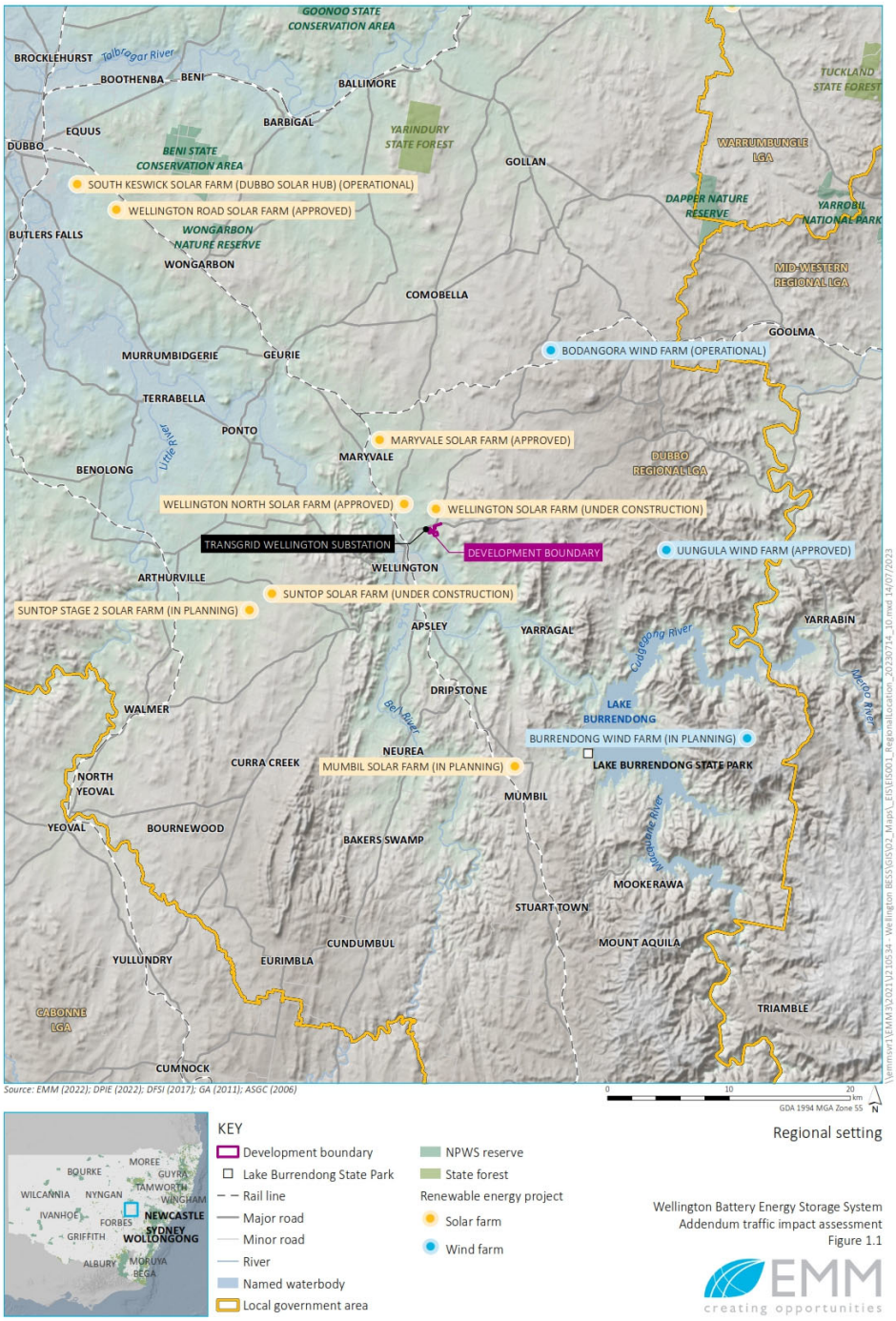


Figure 1.2 Local context

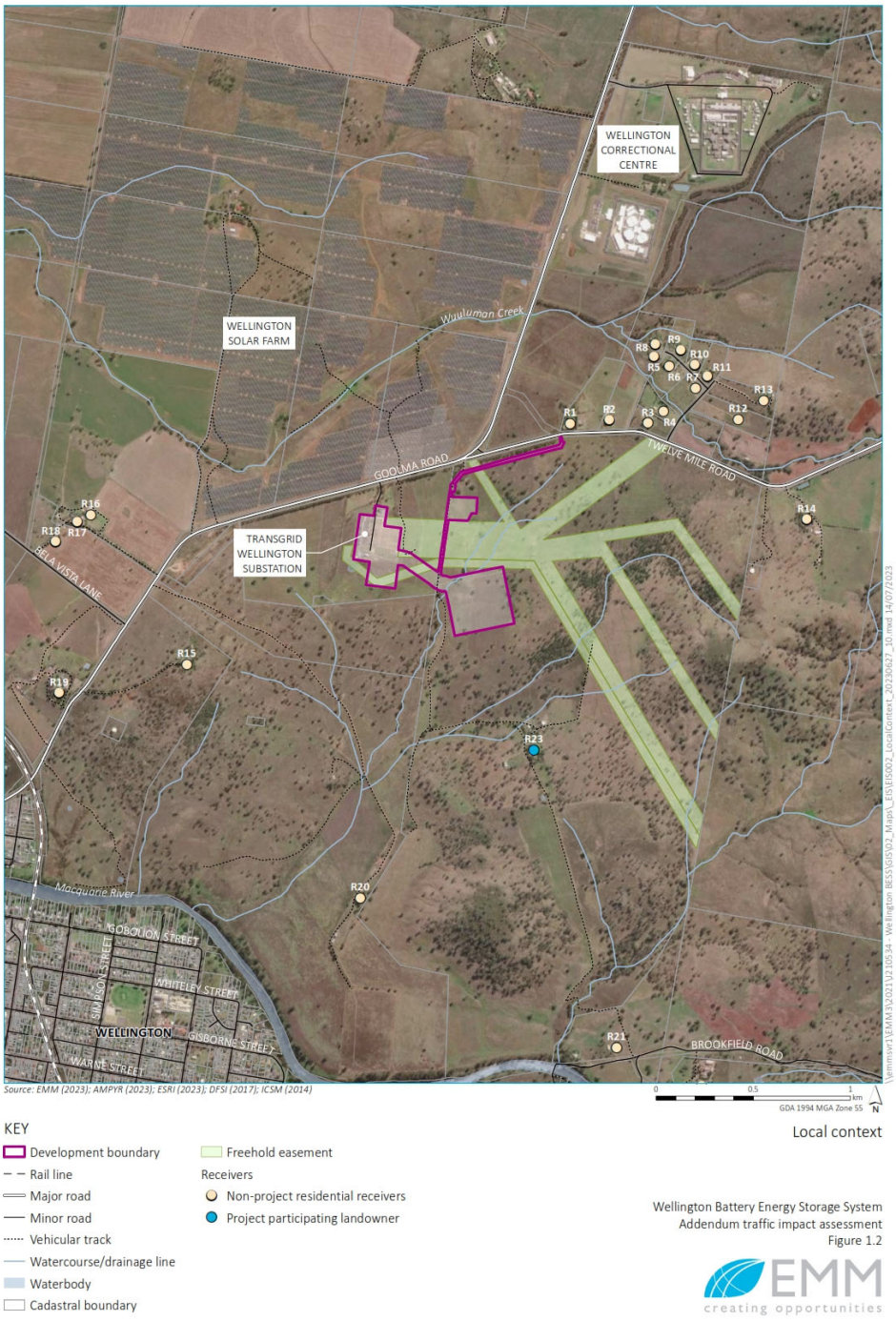
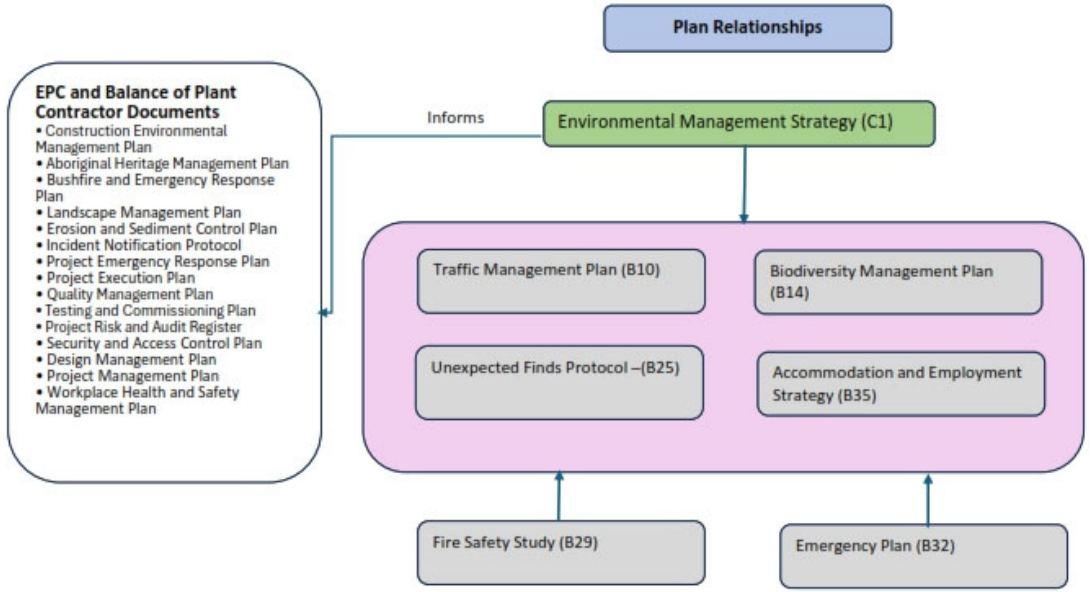


Figure 1.3 Schematic of environmental management documentation



1.2 Project overview

The project will comprise the following components:

- Construction, operation and decommissioning of electrical infrastructure, including:
    - lithium-ion (Li-ion) batteries inside battery enclosures;
    - power conversion systems (PCS) incorporating inverters and transformers;
    - an aboveground or underground transmission line and connection to the switchyard of the Wellington Substation and associated easement;
    - an on-site substation comprising two 330 kilovolt (kV) transformer bays and ancillary infrastructure; and
    - cabling and collector units.
- Upgrade of the Transgrid Wellington Substation, which may include installation of an additional 330 kV switch bay with power transformers, including switchyard bench extension to the south of the existing bench and relocation of security fencing.
- AMPYR notes the requirements of CoC A5 not to exceed a total delivery capacity of 500MW. AMPYR notes the approval granted for staging of the project and a total delivery capacity limit for Stage 1 of 300MW. AMPYR commits to not installing greater than a total delivery capacity of 300MW under the Stage 1 delivery of the project.
- Construction/upgrade and maintenance of ancillary infrastructure and mitigative features, including:
    - an upgrade to the existing site access (currently at the intersection of Goolma Road and Twelve Mile Road) to facilitate safer connection to roadway network and to facilitate the entry of larger construction vehicles;
    - upgrades to existing access tracks;
    - control and office building and associated parking;
    - drainage and stormwater management;
    - security fencing, lighting and closed-circuit television;
    - connection to utilities (telecom, sewerage, etc);
    - an Asset Protection Zone (APZ); and
    - planted landscaping around the BESS facility.
- Decommissioning may include:
    - removal lithium-ion (Li-ion) batteries inside battery enclosures;
    - removal of conversion systems (PCS) incorporating inverters and transformers;
    - removal of any aboveground or underground transmission line and connection to the switchyard of the Wellington Substation and associated easement;
    - removal of any access tracks;
    - removal of control and office building and associated parking;
    - review of drainage and stormwater infrastructure ;
    - removal of security fencing, lighting and closed-circuit television;
    - removal of connection to utilities (telecom, sewerage, etc);
    - removal of planted landscaping around the BESS facility
    - reshaping of the BESS pad to original landform
    - sowing of appropriate pasture species to ensure pre construction landuse of grazing is achieved.

The project layout showing these components is presented in Figure 3.1

1.3 Project objectives

The Principal have established a number of objectives for the project which take into account factors such as contribution to community, the environment and safety. These objectives include the following of particular relevance to this EMS and the environmental management plans that sit below it:

- zero injuries or environmental harm during construction and operation of the works
- design for the safety of people, livestock, fauna and flora, and the environment throughout the life of the project in accordance with good industry practices
- mutually beneficial relationships with host communities, First Nations and other stakeholders are in place throughout the life of the project
- the local community and First Nations peoples including Traditional Owners are provided with opportunities to actively participate in and benefit from the project through employment, training, procurement and social investment
- minimise adverse social and environmental impacts on the local community and environment
- contribute to Australia's transition to a clean energy future.

In accordance with CoC A1 (Schedule 2) of the DC, in meeting the specific environmental performance criteria established under the DC, Fluence and Transgrid will implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation, upgrading or decommissioning of the development (as relevant).

1.4 Strategic framework for environmental management

The EMS provides the means by which Fluence and Transgrid will manage project-related environmental risks. It achieves this by outlining a framework for:

- clearly setting out Fluence and Transgrid's environmental management obligations and the means by which they will be managed, implemented, monitored and reviewed
- systematically tracking and documenting compliance with DC Conditions of Consent (CoCs), EIS commitments, RtS report commitments, Amendment report commitments, external regulatory requirements and internal policy obligations
- effectively communicating with external and internal stakeholders, including The Principal, regulators, government, Traditional Owners, the community, subcontractors and company personnel to achieve a high level of environmental management and ongoing, continuous improvement.

The requirements of this plan are detailed in CoC C1 of SSD-27014706 which state:

Prior to commencing construction, the Applicant 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 plans approved under the conditions of this consent; and
    II. a clear plan depicting all the monitoring to be carried out in relation to the development

Following the Planning Secretary's approval, the Applicant must implement the Environmental Management Strategy.

2 Overview of Statutory Approvals

2.1 Statutory Approvals

The following Statutory Approvals have been obtained for the Wellington South Battery Energy Storage project:

- NSW Development Consent SSD 27014706 dated 22 December 2023.

https://majorprojects.planningportal.nsw.gov.au/prweb/PRRestService/mp/01/getContent?AttachRef=SSD-27014706%2120231222T055309.327%20GMT

2.2 NSW SSD 27014706 Conditions of consent

The project has obtained State Significant Development Consent (SSD-27014706 under the NSW Environmental Planning and Assessment Act 1979 (EP&A Act). An Environmental Impact Statement was prepared as part of the Development Application process, to assess the impacts of the development. The EIS and associated documentation can be found on the NSW Major Projects website: https://www.planningportal.nsw.gov.au/major-projects/projects/wellington-south-battery-energy-storage-system

In accordance with CoC A1 of the Development Consent, all reasonable and feasible measures will 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.

The Terms of Consent include:

Condition of Consent A2 (Schedule 2) of the DC states:

The Applicant must carry out the development:

(a) in compliance with the conditions of this consent;
(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(of Conditions of Consent).

Condition of Consent A3 (Schedule 2) states:

The Applicant 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 consent;
(b) any reports, reviews or audits commissioned by the Department regarding compliance with this consent; and
(c) the implementation of any actions or measures contained in these documents.

Condition of Consent A4 states:

The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in CoC A2(c) or A2(d). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in CoC A2(c) or A2(d), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.

The CoCs from Schedule 2, of the DC are listed in Table A1 in Appendix A. A cross-reference is provided to the documentation in which they are addressed.

Condition of Consent C1 (Schedule 2)) requires an EMS to be developed to the satisfaction of the NSW Planning Secretary. This EMS has been prepared in accordance with this requirement.

2.3 Commitments in EIS and associated documentation

The EIS was prepared by EMM (2022). The commitments in the EIS include the relevant management and mitigation measures set out in Appendix D of the EIS report and Appendix C of the Amendment Report (EMM 2023 b) The EIS and associated documentation can be found on the NSW Major Projects website: https://www.planningportal.nsw.gov.au/major-projects/projects/wellington-south-battery-energy-storage-system

The combined commitments in the EIS and the Amendment report are listed in Appendix B.

2.4 Legislation and planning documents

Relevant legislation and planning documents relevant to the Wellington South Battery Energy Storage System are described in Appendix C.

Fluence and Transgrid and their sub-contractors will maintain a register of relevant environmental laws, both state and federal, and ensure that the register is kept up to date.

3 Project description

3.1 Project works

The project will be undertaken by Fluence and Transgrid. The indicative project layout is shown in Figure 3.1. The project involved the construction, operation and decommissioning of a large-scale battery energy storage system (BESS) with a discharge capacity of 500 megawatts (MW) and a storage capacity of 1,000 megawatt hours (MWh). It includes the connection to the Wellington substation (and associated upgrade works) and associated ancillary infrastructure to facilitate transfer of energy to and from the electrical grid.

3.1.1 Fluence works

The works to be managed by Fluence will include:

- Construction and operation of electrical infrastructure, including:
    - lithium-ion (Li-ion) batteries inside battery enclosures;
    - power conversion systems (PCS) incorporating inverters and transformers;
    - an aboveground or underground transmission line and connection to the switchyard of the Wellington Substation and associated easement;
    - an on-site substation comprising two 330 kilovolt (kV) transformer bays and ancillary infrastructure; and
    - cabling and collector units.
- Construction/upgrade and maintenance of ancillary infrastructure and mitigative features, including:
    - upgrades to existing access tracks;
    - control and office building and associated parking;
    - drainage and stormwater management;
    - security fencing, lighting and closed-circuit television;
    - connection to utilities (telecom, sewerage, etc);
    - an Asset Protection Zone (APZ); and
    - planted landscaping around the BESS facility including vegetation management for fire mitigation.

External road upgrade works are required in support of the project. These External Road Upgrades are detailed in CoCs B5, B6 and B7 (Schedule 2) of the CoC. Which state:

> "B5. The existing site access off Twelve Mile Road must be closed by the applicant prior to the commencement of any construction activities.
>
> B6. Unless the Planning Secretary agrees otherwise, prior to commencing construction, the Goolma Road / Twelve Mile Road intersection and realignment must be completed as per the scope and conditions of the Uungula Wind Farm SSD-6687.
>
> B7. Unless the Planning Secretary agrees otherwise, prior to commencing construction, the Applicant must design and construct the new access road intersection on Twelve Mile Road with Basic Left Turn (BAL) and Short Channelised Right-turn (CHR(s) treatments as shown in Appendix 6 (of Conditions of Consent).

Unless the relevant road authority agrees otherwise, these upgrades must comply with the current Austroads Guidelines, Australian Standards and TfNSW supplements, and be carried out to the satisfaction of the relevant roads authority."

The works associated with CoCs B5 and B7 shall be undertaken by the project and managed by AMPYR. The existing site access shall be relocated to the new alignment of Twelve Mile Road to facilitate safer connection to roadway network and to facilitate the entry of larger construction vehicles (works managed by AMPYR). The Goolma Road / Twelve Mile Road intersection upgrade works (i.e. CoC B6) are being undertaken by external contractors associated with the Uungula Wind Farm Project and is outside the scope of this EMS.

3.1.2 Transgrid works

The Principal has engaged Transgrid to connect the Project to the transmission network used by Transgrid to provide transmission services, which includes certain works that need to be completed by Transgrid to enable Transgrid to connect the Project to its transmission network.

- Upgrade of the Transgrid Wellington Substation, which may include installation of an additional 330 kV switch bay with power transformers, including switchyard bench extension to the south of the existing bench and relocation of security fencing.
- Construction of a 330kV transmission line to connect the Wellington BESS substation to the Wellington Substation

3.1.3 Decommissioning

Decommissioning will be undertaken once the project reaches the end of its investment and operational life. The Condition of Consent define Decommissioning as:

- The removal of battery storage infrastructure and ancillary infrastructure and/or rehabilitation of the site

Condition B36 states:

B36. Within 18 months of the cessation of operations, unless the Planning Secretary agrees otherwise, the Applicant must rehabilitate the site to comply with the objectives in Table 4.

Table 4 | Rehabilitation Objectives

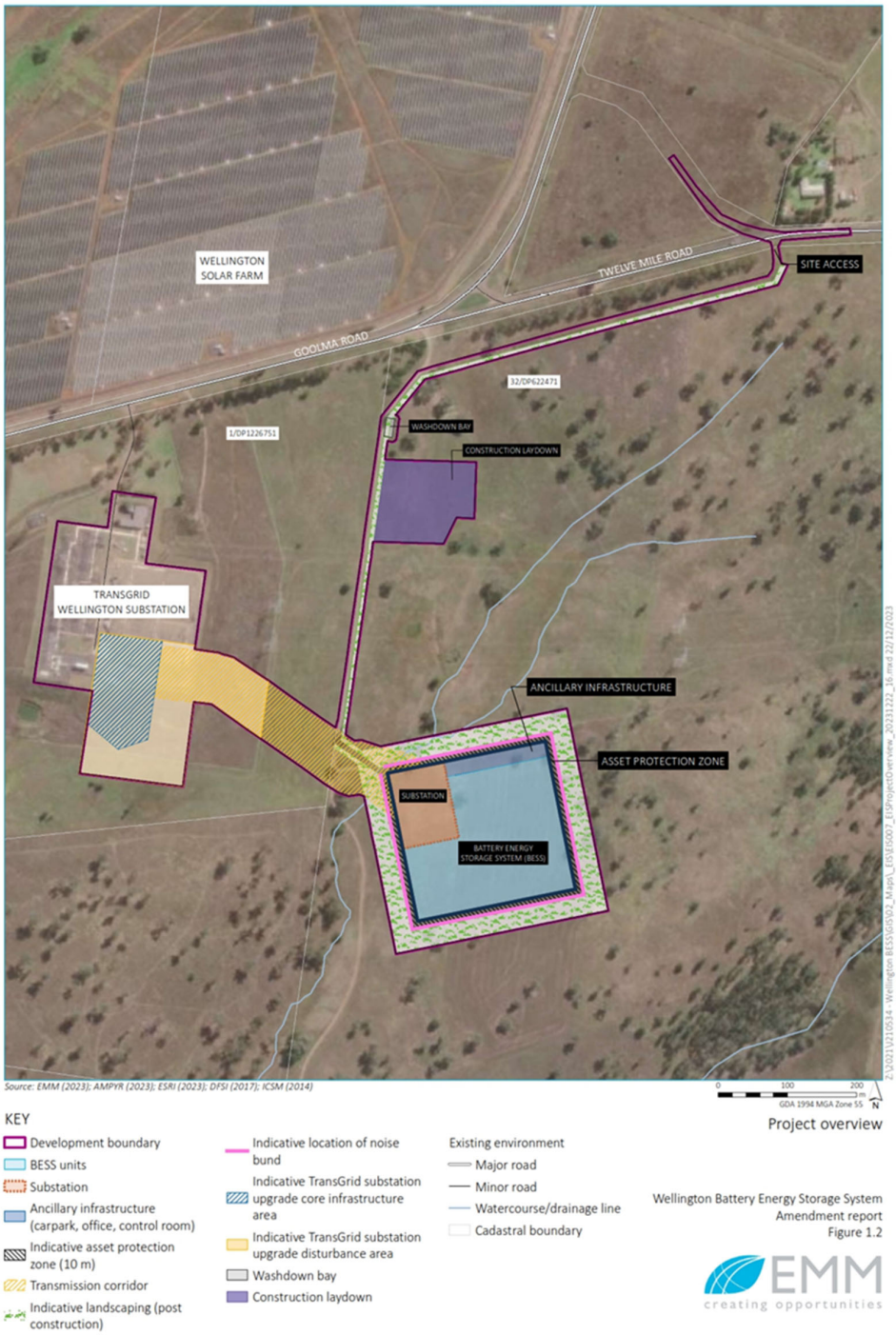
Feature	Objective
Development Footprint	• Safe, stable and non-polluting.
Battery Storage infrastructure	• To be decommissioned and removed, unless the Planning Secretary agrees otherwise, with the exception of assets held by the Network Service Provider.
Land use	• Restore land to pre-existing use.

Community	• Ensure public safety at all times

The EIS details the decommissioning procedure to be undertaken once the project reaches the end of its investment and operational life. AMPYR will decommission the project infrastructure, remove it from the site, undertake remediation works to return the project area to its pre-existing land use which is suitable for grazing of sheep and cattle. However, there is the option for another land use to be identified between the project owner and the landholder and decommissioning will reflect this.

It is anticipated that works to be undertaken during decommissioning will take up to 8 months to complete. They will be of low impact and will not exceed the intensity associated with construction works.

Figure 3.1 Site configuration



3.2 Project construction schedule

The proposed construction schedule for the Project will be undertaken in three overlapping sections described in Table 3.1. The works are summarised as:

- Section 1 comprises construction of storage system including the civil works for the bench
- Section 2 comprises construction of a substation build by Fluence
- Section 3 comprises construction of the Connection Assets to the Wellington Substation by Transgrid

Following the completion of construction validation testing will commence. Once Connection Validation is completed and the project close out period will begin.

As part of the project closeout period, Fluence will manage the defects liability period which extends over the first two years of operations. Fluence hold a contract with the Principal to operate the facility for a period of twenty years following Practical Completion.

Table 3.1 Construction schedule

Activity	Start	Finish
Section 1 (Substation Construction)		
Civil Works including access track and battery bench	Q3 2025	Q2 2026
Substation Electrical Works	Q1 2026	Q3 2026
Substation handover		Q3 2026
Section 2 (Storage System)		
Material Procurement	Q3 2025	Q2 2026
Civil Works	Q4 2025	Q2 2026
Battery Construction	Q1 2026	Q3 2026
Section 3 (Commissioning)		
Commissioning Works	Q3 2026	Q1 2027
R2 Validation Testing		
R2 Validation Testing	Q3 2026	Q1 2027
Project Closeout		
Practical Completion - All Sections		Q1 2027
Defects Liability Period (24 Months)	Q1 2027	Q1 2029

3.3 Hours of operation

In accordance with CoC B15 (Schedule 2) of the DC, unless The Principal and the applicable authority agree otherwise, Fluence and Transgrid and their sub-contractors will comply with the hours outlined in Table 3.2.

As per CoC B16, the following construction, upgrading or decommissioning activities may be undertaken outside these hours without the approval of the Planning Secretary:

a) commissioning activities that are inaudible at non-associated residences
b) the delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons; or
c) emergency work to avoid the loss of life, property or prevent material harm to the environment.

Table 3.2 Hours of operation

Day	Normal working hours
Monday to Friday	7:00 am - 6:00 pm
Saturday	8:00 am - 1:00 pm
Sundays	at no time on Sundays
NSW public holidays	at no time on NSW public holidays

Condition of Consent B17 (Schedule 2) allows for variations to construction hours under specific conditions and states:

The hours of construction activities specified in CoC B15 of this approval may be varied with the prior written approval of the Planning Secretary. Any request to alter the hours of construction must be:

(a) considered on a case-by-case or activity-specific basis;
(b) accompanied by details of the nature and justification for activities to be conducted during the varied construction hours;
(c) accompanied by written evidence that appropriate consultation with potentially affected sensitive receivers and notification of Councils (and other relevant agencies) has been or will be undertaken;
(d) accompanied by evidence that all feasible and reasonable noise mitigation measures have been put in place; and
(e) accompanied by a noise impact assessment consistent with the requirements of the Interim Construction Noise Guideline (DECC, 2009), or latest version.

At the time of preparation of this EMS there are no intentions of varying the Operating Hours, however, The Principal in conjunction with Fluence and Transgrid will continually review the situation and if necessary, apply to the Planning Secretary for a variation.

4 Environmental Management Strategy Structure

The EMS is supported by a range of specific management plans that address project impacts on potentially affected aspects of the environment. Whereas the management plans are 'live' documents that should be updated between project phases (e.g. from construction to operations) or in response to changing circumstances (e.g. design modifications or specific environmental issues that arise), the EMS is a strategic document that sets out the context, legislative framework and embedded design elements of the project and describes the overarching management system, procedures and protocols that apply to all plans.

The management plans and subplans that fall under the EMS, as shown in Figure 1.2, are described briefly below.

4.1 Environmental Management Strategy

The EMS is supported by a range of specific management plans that address project impacts on potentially affected aspects of the environment. Whereas the management plans are 'live' documents that should be updated between project phases (e.g. from construction to operations) or in response to changing circumstances (e.g. design modifications or specific environmental issues that arise), the EMS is a strategic document that sets out the context, legislative framework and embedded design elements of the project and describes the overarching management system, procedures and protocols that apply to all plans.

The management plans and subplans that either fall under or are informed by the EMS, as shown in Figure 1.3, are described briefly below.

- Once approved by the Planning Secretary this EMS will be implemented by AMPYR, Fluence and it's sub-contractors.

4.2 EMS subplans for Construction and Operations

In accordance with the requirements of Schedule 2 of the DC, the following subplans to the EMS have been prepared for the construction phase and will be reviewed prior to the commencement of operations of the project (see Figure 1.3) Each subplan covers both the construction and operation phases of the project. For example, the TMP is a single document that includes traffic management requirements for construction and also for operation. The Plans will be submitted to the Department of Planning Housing and Infrastructure (DPHI) for their approval:

- Traffic Management Plan (TMP) – CoC B10
- Biodiversity Management Plan (BMP) – CoC B14
- Fire Safety Study (FSS) – CoC B29 (This will inform the ERP)
- Emergency Plan (ERP) – CoC B32 (Note for commissioning phase not required for construction activities)
- Accommodation and Employment Strategy (AES) – CoC B35.

- Unexpected Finds Protocol – Aboriginal Heritage – CoC B24

To meet the additional requirements of the EIS the following internal plans will be prepared by Fluence as EPC and their BoP Contractors a:

- Heritage Management Plan (HMP)
- Erosion and Sediment Control Plan (ESCP)
- Emergency Response Plan (ERP) has a Bushfire Management Plan appended to it
- Waste Management Plan (WMP) included as a subsection within the CEMP.
- Community Engagement Plan (CEP) .

Prior to the commencement of operations all the Approved Plans will be reviewed in accordance with CoC C2 and updated if necessary.

4.3 Construction Environmental Management Plan

As outlined in the EIS, the management of environmental impact during construction and operation is documented in a Construction Environmental Management Plan (CEMP) and an Operation Environmental Management Plan (OEMP). These will be prepared by the EPC and their BoP Contractor, sit alongside and be informed by the EMS. They will ensure that compliance with the Conditions of Consent is achieved at an on ground level.

The CEMP sets out the framework for environmental management to enable Fluence and Transgrid to meet their environmental obligations and, along with its subcontractors, to implement environmental management best practices to identify, manage and mitigate environmental impacts during the works. The approved EMS will be issued to all contractors on the project to implement.

The CEMP will cover the management of the environmental aspects shown in Figure 4.1.

Table 3.1 CEMP Environmental Aspects

Management Aspect	CEMP Section
On site traffic Management	4.1
Noise and vibration	4.2
Dust Production and air quality	4.3
Waste Management	4.4
Truck Movement	4.5
Dewatering	4.6
Flora and Fauna Management	4.7
Erosion and Sediment Control.	4.8

The CEMP will be submitted to the DPHI Portal.

A separate Aboriginal Cultural Heritage Management Plan has been prepared by a suitablly qualified consultant for the Project and will be submitted to the DPHI Portal.

4.4 Operation Environmental Management Plan

The OEMP sets out the same environmental management framework as the CEMP but adapted for the operations phase. The OEMP also sets out the general requirements for the future decommissioning phase.

4.5 OEMP subplans

In accordance with the requirements of Schedule 2 of the DC, the same set of subplans required for the construction phase of the project have also been prepared for the operation phase (see Figure 1.3):

.

4.6 Plan review process

As outlined above in 4.3, Fluence and Transgrid will develop and implement a Construction Environmental Management Plan (CEMP) for their works. The CEMP will establish a set of minimum environmental requirements for the works to meet this EMS and ensure management in line with good industry practices and legislative requirements.

The CEMP describes in detail how environmental management will occur on the Project and shall be developed using the approach of the Australian and New Zealand standards:

- AS/NZS ISO 45001:2018 Occupational health and safety management systems
- AS/NZS ISO 9001 Quality management systems
- AS/NZS ISO 14001 Environmental management systems.

Prior to physical connection and energisation with the transmission system, an operational update to the CEMP shall be provided, reflecting the Contractor's changed role onsite. This update shall, at a minimum:

- document any modifications required to the HSE systems to reflect the operational status of the site
- document the process for assessing any new, changed or evolving hazards given the operational status of the site and confirming the adequacy of existing controls
- document minimum training requirements for access to and operation of any equipment that will be operational, energized or required for the purpose of exporting energy to the transmission network, from the period of First Synchronization through to Practical Completion.

A component of the CEMP is that it will be developed using the approach of the AS/NZS ISO 14001a standard. A well designed and carefully implemented environmental management system provides an important framework for environmental management activities.

A key feature of the AS/NZS ISO 140001 approach is it creates a five-step iterative system which comprises the documented systems and processes used for the safe construction, operations and decommissioning of the Project. The system enables hazards to be identified and assessed to eliminate or minimise the risk of impact to the environment to a level that is as low as reasonably practical (ALARP) throughout construction of the project. The site's environmental management plans for construction and operations describe how the risks are assessed and managed, as outlined below and in and shown diagrammatically in Figure 4.1.

Step 1 – Policy establishment: The environmental management system development process starts with establishing an Environmental Policy that is tied to the organization's mission. Fluence and Transgrid both have environmental policies.

Step 2 – Planning: The planning step consists of identifying regulatory and other requirements; identifying processes, resources, and significant environmental impacts; identifying management and mitigation measures; developing objectives and targets for improvement efforts; and creating a planning, programming, and budgeting system.

The implementation and operation of various components of the environmental management system are detailed in the management plans, as appropriate.

Step 3 – Implementation: The implementation step consists of defining the structure, responsibilities, and programs; implementing induction and training; creating the environmental management system documentation (including document control and record keeping); communicating the environmental management system to personnel; developing and implementing standard operating procedures [SOPs]; and developing and implementing emergency preparedness and response procedures.

The implementation and operation of various components of the environmental management system are detailed in the management plans, as appropriate.

Step 4 – Checking and correction: The checking and corrective action step includes monitoring and measuring (e.g., internal assessments), problem and cause identification, corrective and preventative action implementation, and an environmental management system review.

Step 5 – Review: In the management review step, upper management reviews the environmental management system, including the results of internal assessments. Modifications to the environmental management system are made, as necessary, to ensure compliance. The management review is designed to ensure continual improvement of the environmental management system, taking into account the results of checking and corrective actions undertaken in Step 4.

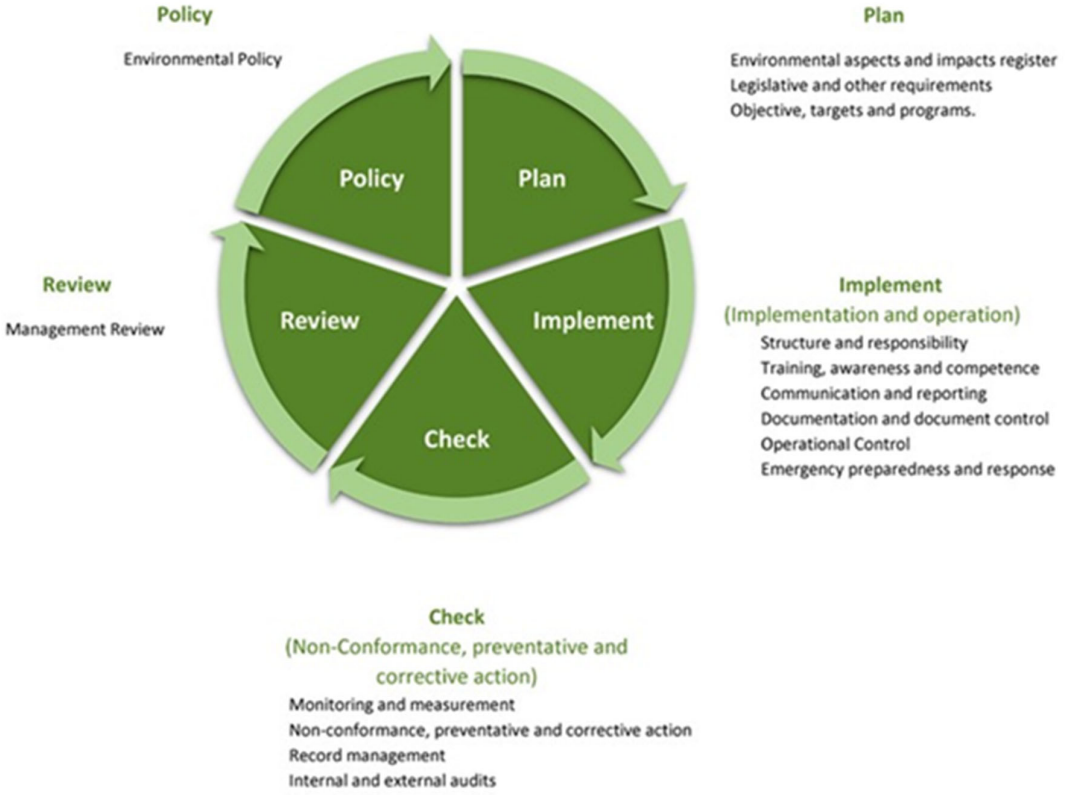


Figure 4.1 Environmental Management System Process

4.7 Other plans and requirements

The following plans, documents and reports will be prepared by Fluence and the BoP Contractor. They will be prepared separately to the EMS documentation in accordance with contract requirements (see Figure 1.3), and are outlined here for awareness only.:

- Final layout plans and other design documentation
- Dilapidation Survey of Twelve Mile Road and Report
- Project Execution Plan
- Design Management Plan
- Quality Management Plan
- Testing and commissioning plans
- Document Control Plan
- Project Risk and Audit Register
- Workplace Health and Safety Management Plan

Prior to the commencement on construction AMPYR will upload the Final Layout plans to the Portal in pursuant to CoC C8. Following commissioning and prior to the commencement of operations AMPYR will upload the Works as Executed Plans to the Portal pursuant to CoC C9.

5 Environmental management framework

Fluence and Transgrid will strive for excellence through their commitment to leading practice in environmental management and performance. Implementation of this EMS will assist in minimising the adverse environmental impacts of construction-related activities (and maximising project benefits) by setting out a comprehensive framework for environmental management, mitigation, monitoring and review.

This EMS, in combination with the management plans and subplans that fall under it or are informed by it (see Figure 1.3), outlines the minimum standard to ensure that the Principal, Fluence and Transgrid manage the environmental aspects and impacts of the project in a manner that is planned, controlled, monitored, recorded and audited, using a management system that drives continual improvement.

5.1 Environmental and related policies

Fluence and Transgrid have adopted environmental and related policies which set out their environmental management and other relevant aims, objectives and values. Figures 5.1 – 5.3 show AMPYR environmental and community relations policies, Fluence's HSE and environmental policy statements and Transgrid's environmental policy, respectively.

5.2 General environmental principles

The general environmental principles to be adopted by Fluence and Transgrid for the proposed works are:

- complying with statutory requirements (CoCs and legislation)
- minimising impacts on the community and environment
- the timely and efficient response to any environmental incidents and complaints
- rehabilitation of all disturbed land
- continual monitoring, review and reporting on the environmental impacts of the works.

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Fluence Global Environmental Policy

At Fluence, our mission is to create a more sustainable future by transforming the way we power our world. We believe in solving problems, building lasting partnerships with our customers, and the importance of the entire power ecosystem in forging a path to making a sustainable future certain.

We have developed an Environmental Policy that is tailored for our business, our customers, and our planet. This Policy demonstrates our dedication to sustainability, regulatory compliance, unwavering environmental stewardship, and continuous improvement. This is demonstrated by the following commitments to:

1. Draw active participation from all Fluence staff, subcontractors, suppliers, and leadership to maintain environmental integrity.
2. Undertake all business activities in a safe and professional manner.
3. Build and maintain facilities throughout the world with adherence to environmental standards and strict safety practices.
4. Minimize and, where practical, eliminate any adverse impact on the environment arising from routine business activities.
5. Meet or exceed all pertinent legal and client requirements to preserve environmental stewardship.
6. Promote responsible energy and water use, and waste management practices in all business, subcontractor, partner, and supplier operations.
7. Maximize reduction, reuse, and recycling of construction materials, and ensure environmentally responsible disposal of all waste in business activities.
8. Minimize the environmental impact of hazardous materials and dangerous goods in all activities.
9. Foster continuous improvement based on the concept of Plan-Do-Check-Act, consistent with ISO 14001:2015 methodologies.
10. Make appropriate resources available to manage environmental impacts and ensure roles and responsibilities are defined.
11. Ensure that the Fluence Environmental Policy is easily accessible to all staff and subcontractors, and that they are provided with the necessary training to effectively apply the policy and adhere to all pertinent regulations, in all activities.

Julian Nebreda / President & Chief Executive Officer, Fluence /

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Transforming the way we power our world.

Figure 5.1 Fluence Environmental Policy

Environment Policy

The Transgrid Group is committed to conducting its activities and services in a manner that protects the environment, prevents pollution, meets our compliance obligations, and supports the development of a green energy future. Transgrid actively supports and encourages employees and contractors to consider the environmental impact of their daily activities, aligning with our commitment to sustainability.

The Environment Policy covers all activities and services undertaken by the Transgrid Group including the planning, building and operation of infrastructure, ongoing management of these assets and their decommissioning.

We aim to enhance our systems and processes in a manner that promotes continuous improvement in environmental management and performance which will lead to the achievement of good industry practice and a reduction in our environmental footprint.

In meeting these commitments, Transgrid:

- Maintains an Environmental Management System that provides the framework for setting and reviewing our environmental objectives and targets, including the implementation, monitoring and review of these objectives and targets, as well as facilitating continuous improvement in environmental performance.
- Continues to develop systems that recognise sensitive environmental and cultural sites on or near our infrastructure and provides processes to manage our activities with the aim of preventing environmental harm or adversely impacting the environment.
- Integrates environmental management considerations into the planning, design, siting, construction, maintenance, operation, decommissioning, and disposal of all Transgrid assets.
- Provides environmental training, assessment, and authorisation under our Environmental Management System to employees and contractors to enable them to perform their duties in an environmentally sensitive manner.
- Engages with the community, customers, employees, government, and other stakeholders regarding potential environmental or cultural impacts associated with our plans and activities.
- Pursues opportunities to maximise resource efficiencies and reduce the generation of waste through reduction, reuse and recycling programs.
- Identifies, sets, and monitors realistic environmental performance measures and communicates them to all employees and stakeholders.

Approved by: Brett Redman, CEO, February 2022

Transgrid

Official

Figure 5.2 Transgrid Environment Policy Statement

6 Organisational structure, roles and responsibilities

6.1 Key stakeholders

The stakeholders in the Wellington South Battery Energy Storage System project include regulators, project delivery partners and community stakeholders. Table 6.1 lists the key stakeholders.

Table 6.1 Key stakeholders

Regulators	Project stakeholders	Community stakeholders
• DPHI • Dubbo Regional Council • NSW Rural Fire Service (NSW RFS) • Department of Climate Change, Energy, the Environment and Water (DCCEEW) (Commonwealth) • Transport of NSW (TfNSW) • SafeWork NSW • Essential Energy	• AMPYR Australia • Fluence Energy • Transgrid • Balance of Plant (BoP) Contractor • Operations and Maintenance (O&M) Contractor • Specialist subcontractors • Specialist consultants • Transport and logistics companies • Project financiers/ investors • MAAS Civil (access road construction contractor)	Host land holders Traditional Owners and First Nations peoples Registered Aboriginal Parties (RAPs) • Neighbours • Local business owners • Local employers • Local suppliers • Local employees Local accommodation providers Local not for profit and community support organisations incl social investment recipients

6.2 Project organisational structure

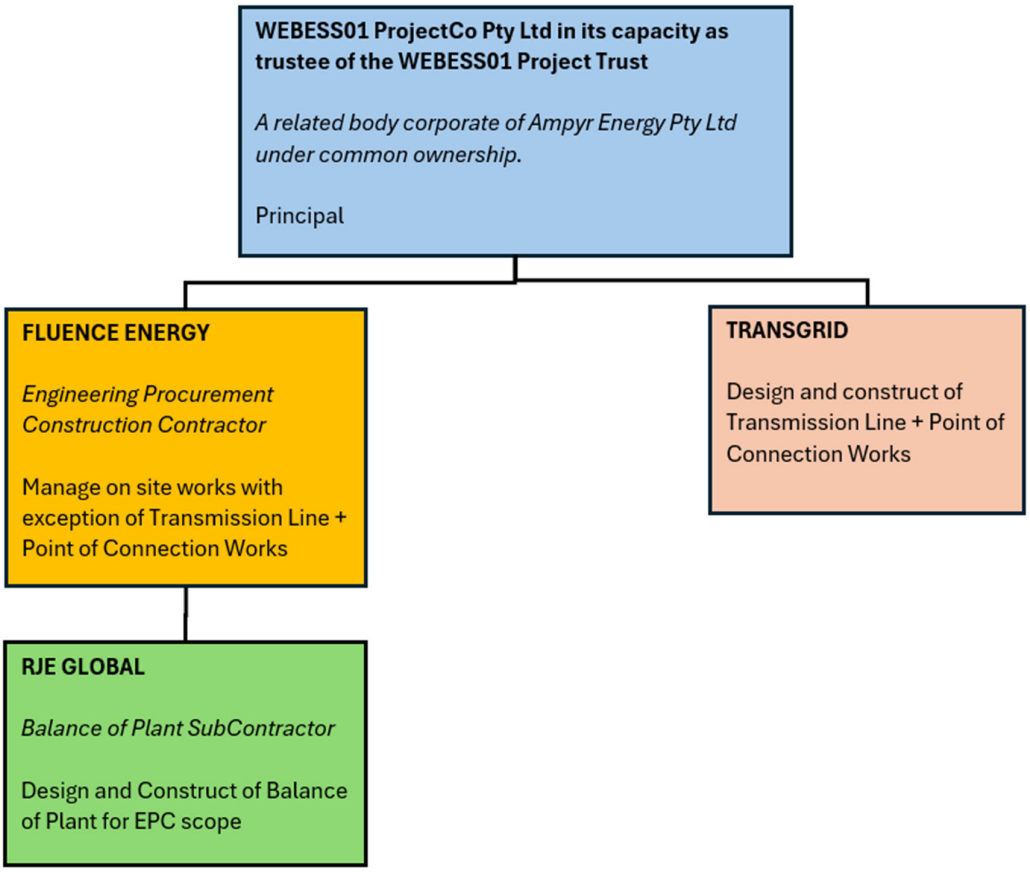
Knowledge of the organisational structure of the project is important when it comes to understanding the roles and responsibilities of the various project stakeholders.

Figure 6.1 is a schematic showing the organisational relationship between The Principal as project proponent, Fluence Energy as EPC contractor, Fluence's balance-of-plant (BoP) subcontractors, and Transgrid as the contractor for the connection to the transmission network. The figure also shows the contractors for the Stage 1 road construction works.

The Twelve Road access road intersection will be directly managed by The Principal.

Figure 6.1 shows the organisational structure of the Project Management Team.

Figure 6.1 Project organisational structure



6.2.1 Applicant (Project Proponent)

AMPYR Australia Pty Ltd (AMPYR) is the project's proponent and will be referred to as The Principal

6.2.2 EPC Contractor

The Principal has engaged Fluence as the EPC contractor to undertake the works described in Section 3.1.1.

As the EPC contractor for the project, Fluence will design, procure, construct and commission the Battery Energy Storage System for The Principal.

6.2.3 BoP Contractors

Fluence will engage a BoP contractor. They will be responsible for the the delivery of the civil, electrical and logistics works.

6.2.4 Substation construction contractor

The Principal has engaged Transgrid to connect the Project to the transmission network as described in Section 3.1.2.

6.3 Roles and responsibilities

The roles that AMPYR, Fluence and Transgrid have assigned to the project are described below. Overarching statement re compliance covered in EPC contract and outlined below.

6.3.1 The AMPYR project manager

The Principal's Project Manager is to ensure that the works that are the subject of this plan are undertaken according to the CoCs of Development Consent SSD 10452 and commitments outlined in the EIS.

The Principal's Project Manager is also responsible for engaging Fluence and Transgrid to undertake the works. In addition, the Principal's Project Manager will provide safety and environmental advice to the project team and engage with the regulators and the community. DPHI engagement role

6.3.2 Fluence management team

The key roles to be filled by Fluence as EPC contractor include a project manager, and a health, safety and environment (HSE) advisor.

The role of principal contractor will be nominated to Fluence's BoP subcontractor, so the BOP subcontractor will nominate the key roles of health, safety and environment (HSE) manager, and construction manager and site manager. Compliance role to be added link to stages – Fluence construction then Ops and decommissioning.

Lead Project Manager

The Fluence Lead Project Manager is responsible for the preparation of preconstruction constructability assessment, budget control, contract administration, planning subcontractor

work, tendering and award, subcontract issuance, subcontractor liaison, change management, safety management, and district and owner reporting.

6.3.3 Fluence BoP subcontractors

Each of Fluence's BoP subcontractors will have their own HSE management with an obligation to plan, organize and implement training for their workers. The Fluence HSE manager will liaise with subcontractor HSE representatives to assist in achieving outcomes.

Lead Construction Manager

The BoP Lead Construction Manager has the responsibility to plan, coordinate and supervise all on-site functions to ensure that the project is constructed in accordance with design and quality expectations, within the stipulated budget and schedule. Develop and execute quality control plans, inspect work for conformity to specifications and arrange for correction of defects/ deficiencies. The Lead Construction Manager will also manage site communication between the construction team and project managers.

Health, Safety and Environment Manager

The BoP Health, Safety and Environment (HSE) Manager is responsible for direct supervision of the district HSE supervisors and coordinators on all major projects as well as conducting project audits and inspections. The HSE Manager is also responsible for:

- ensuring the safety training of all construction staff (in consultation with subcontractor HSE representatives)
- Is appropriately qualified in environmental management
- managing all field aspects of the project's budget, schedule, safety and general performance
- providing proactive leadership in:
  - health, safety and environment, including construction procedures and safe work, and job safety analysis
  - and project planning and execution.

Construction Manager

The BoP Construction Manager is accountable to and draws authority from the Lead Construction Manager. The Construction Manager is responsible for building excellent relationships with peers, supervisors, direct reports, clients, trade contractors, and consultants.

Design and Commissioning Manager

The BoP Design and Commissioning Manager is responsible for managing the safe energisation of plant.

6.3.4 Transgrid management team

The key roles to be filled by Transgrid in connecting the Project to the connection assets and transmission network used by Transgrid include a project manager, a health, safety and

environment (HSE) manager, a construction manager and a site manager. Their roles are described below.

Project Manager

The Transgrid Project Manager is responsible for the preparation of preconstruction constructability assessment, budget control, contract administration, planning subcontractor work, tendering and award, subcontract issuance, subcontractor liaison, change management, safety management, and district and owner reporting.

Construction Manager

The Transgrid Construction Manager has the responsibility to plan, coordinate and supervise all on-site functions to ensure that the project is constructed in accordance with design and quality expectations, within the stipulated budget and schedule. Develop and execute quality control plans, inspect work for conformity to specifications and arrange for correction of defects/ deficiencies. The Construction Manager will also manage site communication between the construction team and project managers.

Health, Safety and Environment Manager

The Transgrid Health, Safety and Environment (HSE) Manager is responsible for direct supervision of the district HSE supervisors and coordinators on all major projects as well as conducting project audits and inspections. The HSE Manager is also responsible for planning, organising and implementing safety training of all construction staff.

Site Manager

The Transgrid Site Manager is accountable to and draws authority from the Construction Manager. He is responsible for building excellent relationships with peers, supervisors, direct reports, clients, trade contractors, and consultants.

Commissioning Manager

The Transgrid Commissioning Manager is responsible for managing the safe energisation of plant and the safe connection of the Project to the connection assets and transmission network used by Transgrid.

6.3.5 Project Ecologist

The Project Ecologist shall have an applicable tertiary qualification or similar. The ecologist shall be familiar with the scope of works proposed, the project objectives and have a clear knowledge of the ecology of the locality. The role of the ecologist is to oversee specific activities as outlined in the BMP and may be subcontracted out on an as needs basis.

Proof of all licences, approvals and qualifications shall be provided at the commencement of the ecologist's involvement in this project.

6.4 Risk assessment and register

Fluence and Transgrid will create and maintain a risk register that will be used to record identified hazards, risk assessment and risk control methods and used to plan works

Risk assessments will be undertaken by Fluence and Transgrid that consider all HSE risks associated with the works. The risk assessments will be used to populate HSE risk registers. The risk registers will specifically include, identify and address environmental risks. The risk assessment process will be broadly consistent with the *ISO 31000, Risk management* standard (or Australian Standard equivalent).

The risk registers will be live documents that are consistently updated as the works progress, with risks and control methods added, reviewed, modified and retired as appropriate.

6.5 Emergency response

An Emergency Response Plan (ERP) has been prepared setting out the actions to be followed by Fluence and Transgrid in the event of an emergency, including safely evacuating site personnel; notifying emergency services, potentially affected, community and regulators, and hazard response/containment.

The ERP has been informed by a Fire Safety Study (FSS).

A Bushfire Management Plan has also been prepared and is appended to the ERP.

6.6 Training and awareness

Training will be implemented throughout the project to ensure personnel are suitably qualified and informed to undertake the relevant works. Records of the relevant training, experience, and qualifications of each personnel engaged on site will be maintained.

All employees, contractors, sub-contractors and visitors to the site will attend an induction prior to commencing works on site. Topics to be covered includes but is not limited to:

- Environmental mitigation measures and legislative requirements for the project,
- Traffic Management and vehicle routes,
- Vegetation clearing operations and controls to prevent unauthorised clearing,
- The Chance Finds Protocol,
- Aboriginal Heritage Management,
- Waste management strategies and mitigation measures,
- Emergency procedures
- Noise control measures,
- Dust control measures

Toolbox meetings will be regularly conducted. They will address any project concerns, environmental incidents, new or changed construction techniques or criteria, and shall be focussed on reenforcing safety and environmental management techniques.

6.7 Document management system

Fluence and Transgrid will implement a web-based project and document management systems for project correspondence, including the communication and transmittal of all information requests and responses and the issue of all drawings and documents and the review and approval of the same.

The system shall maintain document registers which list all documents and drawings including those in relation to environmental management such as:

- environmental management plans and subplans
- aspects and impacts register
- risk register
- standards, codes and guidelines
- environmental procedures
- incident and non-compliance reports
- monitoring, inspection and auditing reports
- community engagement database and complaints register
- safety data sheets
- The Principal and regulator correspondence.

The system will record information including:

- title, document number and revision
- review status
- date of approval.

6.8 Administrative conditions

Schedule 2 of the DC sets out administrative conditions, a number of which are relevant to the works of Fluence and Transgrid, as outlined below (where not covered earlier in this EMS).

6.8.1 Terms of consent

In accordance with CoC A2 – A4, Fluence and Transgrid will assist the Principal in complying with any relevant requirement/s of the Planning Secretary arising from the Department's assessment of:

A2 The development may only be carried out:

(a) in compliance with the conditions of this consent;
(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 (of Conditions of Consent).

A3. The Applicant 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 consent;
(b) any reports, reviews or audits commissioned by the Department regarding compliance with this consent; and
(c) the implementation of any actions or measures contained in these documents.

A4. The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in CoC A2(c) or A2(d). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in CoC A2(c) or A2(d), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.

6.8.2 Upgrading of Batteries and ancillary infrastructure

In accordance with CoC A6, the Principal 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 Applicant must provide revised layout plans and project details of the development to the Planning Secretary incorporating the proposed upgrades.

6.8.3 Structural adequacy

In accordance with CoC A7, Fluence and Transgrid will 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*.

6.8.4 Demolition work

In accordance with CoC A8, Fluence and Transgrid will 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.

6.8.5 Protection of public infrastructure

In accordance with CoC A9, unless Fluence and the applicable authority agree otherwise, Fluence and Transgrid will:

(a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development relocate,

(b) or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.

6.8.6 Operation of plant and equipment

In accordance with CoC A10, Fluence and Transgrid will ensure that all plant and equipment used on site, or in connection with the development, is:

(a) maintained in a proper and efficient condition; and operated in a proper and efficient manner.

(b) operated in a proper and efficient manner.

7 Monitoring, auditing, reporting and review

During construction there will be continuous monitoring, auditing, reporting and review by Fluence and Transgrid of their construction areas and construction activities. Individuals and work crews will be required to demonstrate that the requirements of this Plan, the EMS and other management plans and subplans are being adhered to.

Monitoring, auditing, reporting and review of site activities will also be undertaken during the operation and decommissioning of the project.

All reports, reviews, and audits will be maintained by the Fluence and Transgrid Project Managers (and equivalent manager during operation/decommissioning) and will be made be available on request to the appropriate managers (The Principal and subcontractors). Audit results will be used to review management techniques to ensure compliance with the DC.

7.1 Monitoring

Monitoring of environmental impacts is an essential component of effective environmental management. Specific monitoring requirements for individual environmental aspects during the construction works by Fluence and Transgrid and during operation and decommissioning are set out in the management plans and subplans shown in Figure 1.2.

7.1.1 Aspects to be monitored

Environmental aspects to be monitored will include:

- transport
- land management
- biodiversity
- amenity (noise, dust, visual, lighting)
- heritage
- soil and water
- hazards
- waste
- socio-economic
- rehabilitation.

The CEMP and OEMP contain monitoring summary tables that set out:

- aspect being monitored
- purpose of monitoring
- nature of monitoring
- frequency
- responsibility.

7.1.2 Site inspection

Regular site inspections will be a key component of the environmental monitoring program.

During the works, Fluence, Transgrid and their subcontractors will conduct regular inspections to confirm compliance with the CEMP/OEMP and management subplans and to ensure all construction footprints are compliant with approved development plans. Inspection records will be maintained by Fluence and Transgrid and reported to The Principal on a regular basis as detailed in Table 7.1.

Inspection reports will be circulated to the Fluence and Transgrid Project Managers and the on-site teams. Key environmental risks and issues will be discussed at pre-start team meetings and toolbox meetings.

Daily inspections

The Fluence and Transgrid Construction Managers (or their delegates) will ensure that site personnel are undertaking daily inspections of the construction activities they are overseeing to ensure general compliance with the EMS and other management plans and subplans. All areas identified for improvement will be addressed directly and added to the Incident Register.

Weekly monitoring

Once per week (at least) during construction, the Fluence and Transgrid Construction Managers and/or delegate(s) will conduct monitoring of construction activities to ensure compliance with the EMS and other management plans. All areas identified for improvement will be added to a corrective action register.

Monthly inspections

Once per month (at least) during construction, the Fluence and Transgrid Project Managers and/or delegate(s) will conduct a thorough inspection of construction activities to ensure compliance with the EMS and other management plans. All areas identified for improvement will be added to a corrective action register. The Fluence and Transgrid Project Managers and/or delegate(s) will also conduct an inspection of the condition of the roads for, and responding to, any emergency repair and/or maintenance requirements.

Table 7.1 Monitoring and Inspections for the Project

Plan	**Plan Reference**	**Aspect to be monitored**	**Frequency**	Phase	**Responsibility**
BMP	Table 8.2	Inspect the clearing site to ensure relevant protocol requirements are met	Weekly during clearing activities	Construction	Project Ecologist

BMP	Table 8.2	Inspect and maintain fencing.	Weekly	Construction	Principal Contractor HSE Manager
BMP	Table 8.2	Inspect disturbed areas for rehabilitation success.	Weekly	Construction	Principal Contractor HSE Manager
BMP	Table 8.2	Inspect lighting in project area.	Weekly	Construction	Principal Contractor Lead Construction Manager
BMP	Table 8.2	Inspect chemical storage areas	Fortnightly	Construction	Principal Contractor Lead Construction Manager
BMP	Table 8.2	Inspect and maintain fencing.	Monthly for first three months of operations, then quarterly for the remainder of the year. Then annually or incident based.	Operations	O&M Supervisor,
BMP	Table 8.2	Maintain a log of salvaged animals and actions undertaken to relocate them.	Incident based	Operations	O&M Supervisor,
BMP	Table 8.2	Maintain a log of vehicle strikes.	Incident based	Operations	O&M Supervisor,
BMP	Table 8.2 Section 8.7	Maintenance of non-native vegetation or ground cover >70% in disturbance area.	Quarterly inspections of rehabilitated areas for two years after works; annual inspections for the life of the project.	Operations	Project Ecologist

BMP	Table 8.2	Inspect lighting in project area.	Upon commencement of operation then annually.	Operations	O&M Supervisor,
AHMP	Section 6.1	Notify AHIMS Registrar of the existence of Aboriginal objects as soon as practicable after they are first identified	Incident based	Construction	Fluence Lead Construction Manager
AES	Table 7.1	Workforce composition (to include but is not limited to workforce size, local/non-local, number of females, number of people with disabilities, number of workers identifying as Aboriginal or Torres Strait Islander, number of apprentices/trainees, cadets)	Monthly	Construction	Fluence and subcontractors
AES	Table 7.1	Workforce forecasts (2 months in advance, to better understand potential accommodation requirements)	Monthly	Construction	Fluence and subcontractors
AES	Table 7.1	Proportion of local and regional subcontractors (using business registration address)	Monthly	Construction	Fluence and subcontractors
AES	Table 7.1	EOIs (businesses and employment) via open houses, media advertisements, project webpage	Monthly where relevant	Construction	Fluence and subcontractors

AES	Table 7.1	Workforce requirement projections (2 months in advance)	Monthly	Construction	Fluence and subcontractors
AES	Table 7.1	Ongoing stakeholder meetings	Monthly	Construction	AMPYR
AES	Table 7.1	DR Council representatives	Monthly	Construction	AMPYR
AES	Table 7.1	Nearby project proponents (e.g. those listed in Table 6.10 of AES)	Monthly	Construction	AMPYR
AES	Table 7.1	Energy Co	Monthly	Construction	AMPYR
AES	Table 7.1	Local LALCs indigenous groups and employment agencies	2-monthly	Construction	AMPYR
AES	Table 7.1	Local business chambers and networks	2-monthly	Construction	AMPYR
AES	Table 7.1	Local TAFE and training/recruitment establishments	2-monthly	Construction	AMPYR
AES	Table 7.1	Establish and maintain an accommodation register for provision to the project workforce (register may include number of rooms, length of availability, address and contact details)	Monthly	Construction	Fluence and subcontractors
AES	Table 7.1	Establish and maintain an events register (to assist with accommodation demand forecasts)	Monthly	Construction	Fluence and subcontractors

AES	Table 7.1	Establish and maintain a complaints register in accordance with the EMS, CEMP and other plans	As needed	Construction	Fluence and subcontractors
AES	Table 7.1	Workforce induction to include briefing regarding the limited medical services and the requirement to preserve for locals	As needed	Construction	Principal Contractor
AES	Table 7.1	Workforce induction to include briefing regarding required behaviours on- and offsite (Fluence and site code of conduct) and the consequences of non-compliance	As needed	Construction	Principal Contractor
AES	Table 7.1	Workforce induction to include higher levels of code of conduct (AMPYR) and the consequences of non-compliance	As needed	Construction	Principal Contractor
TMP		60 heavy vehicle movements a day (a maximum of 37 heavy vehicle movements per hour)	Daily	Construction	Principal Contractor HSE Manager
TMP		30 heavy vehicle movements during the AM (6 - 7 am) or PM (5 - 6 pm) project peak hour during construction, upgrading or decommissioning	Daily	Construction	Principal Contractor HSE Manager

TMP		80 light vehicle movements a day	Daily	Construction	Principal Contractor HSE Manager
TMP		20 movements of heavy vehicles requiring escort during construction	When triggered	Construction	Principal Contractor HSE Manager
TMP		Length of any vehicles (excluding heavy vehicles requiring escort) used for the development does not exceed 26 metres,	When triggered	Construction	Principal Contractor HSE Manager

7.2 Incidents and non-compliances

7.2.1 Incident notification and response

Any incident or accident that results in harm to the environment and/or off-site receptors is to be regarded as an environmental incident.

As defined in the DC an incident is "a set of circumstances that causes or threatens to cause material harm to the environment. Material harm is defined in the DC as harm that:

- involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial; or
- results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding $10,000 (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or makegood harm to the environment."

In accordance with CoC C10, the Principal will notify the Planning Secretary via the Major Projects website immediately after the Principal becomes aware of an incident. The notification from the Principal to the Planning Secretary must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident. Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set out in Appendix A

. Accordingly, Fluence and Transgrid will notify the Principal immediately after an incident occurs to enable prompt reporting by the Principal to the Planning Secretary.

The incident notification to the Principal must 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 8 (of Conditions of Consent).

The 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 applicant became aware of the incident;
(e) identify any actual or potential non-compliance with conditions of consent;
(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.

Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary, the Principal 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.

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.

Response agencies need to be informed of pollution incidents quickly, so action can be coordinated to prevent or limit harm to the environment and human health generally. These are listed in Table 7.2

Incidents will be recorded in an Incident Register, as outlined in Section 6.4.

Table 7.2 Response agency contact details

Response agency	Contact details
Environment Protection Authority NSW (EPA NSW)	131 555 or (02) 9995 5555
Ministry of Health NSW	(02) 9391 9000
SafeWork NSW	131 050
Dubbo Regional Council	(02) 6801 4000
Fire and Rescue NSW	000 or, for Mobiles only, 112
Rural Fire Service Orana Region	(02) 6881 3900
Heritage NSW (for Aboriginal finds, as per HMP)	(02) 9873 8500

Response agency	Contact details
NSW Police (for human remains, as per HMP)	131 444

7.2.2 Non-compliance notification and response

A project non-compliance is defined in the DC as "an occurrence, set of circumstances or development that is a breach of the consent but is not an incident".

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In accordance with CoC C11 of the DC, The Principal is required to notify the Department in writing via the Major Projects website within 7 days after the Principal becomes aware of any non-compliance with the conditions of this consent. Accordingly, Fluence and Transgrid will notify the Principal immediately after a non-compliance is identified to enable prompt reporting by the Principal to the Planning Secretary.

In accordance with CoCs C12 and C13 of the DC the non-compliance notification to the Principal will set out the condition of consent 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. The Principal will identify the development and the application number for the project when communicating any non-compliance to the Planning Secretary.

A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.

7.2.3 Corrective actions

Once an environmental incident or non-conformance has been reported to the Principal's Project Manager, a set of appropriate corrective actions will be raised by Fluence and Transgrid. Measures already implemented, additional measures to be implemented as a result and any corrective actions will be reported to the Principal's Project Manager. Actions will be implemented to the satisfaction of the Principal's Project Manager and their effectiveness confirmed to demonstrate appropriate measures have been implemented to acceptably minimise the risk of reoccurrence.

7.3 Auditing

In accordance with CoC C14, the Principal is obliged to commission independent environmental audits of the development in accordance with the *Independent Audit Post Approval Requirements* (2020) within 3 months of commencing construction and within 3 months of commencement of operations. In accordance with CoC C15 the Independent Auditor will be approved by the Planning Secretary. AMPYR will submit a list of potential auditors to the Planning Secretary for approval.

AMPYR recognises that the Planning Secretary may require initial or subsequent Independent Audits to be carried out as detailed in CoC C16 and will undertake such subsequent Independent Audits as required.

Fluence and Transgrid will provide support to the independent environmental auditing process by making documents and site personnel available as required and by helping host the independent auditors while on site. Fluence and Transgrid will also assist the Principal in implementing the recommendations of the audits.

Following any Independent Audit AMPYR will review their Plans of Management and those of their Contractor's and update accordingly to reflect the Auditor's findings. AMPYR will respond to the Audit findings to the Planning Secretary in accordance with CoC C17. If any plans or strategies require updating AMPYR will lodge them to the Portal within the timeframes specified in CoC C18.

7.4 Record keeping

Fluence and Transgrid will maintain an Incident Register for the project and will make this available to the Principal upon request. The Incident Register will document, record, track, manage and report all environmental (and safety) incidents and observations.

Fluence and Transgrid will also maintain a Complaints Register for the project and will make this available to the Principal upon request. The Complaints Register will document, record, track, manage and report all complaints.

In addition to the Incident and Complaints Register Fluence and TransGrid will collate records such but not limited to monitoring and site inspection records, training records from their respective BoP Contractors to ensure compliance with the project requirements. Review and update

Fluence and Transgrid will undertake ongoing review and improvement of existing systems and controls.

In accordance with CoC C2, this Plan (and any strategy, plan or program required under the DC) will be reviewed to the satisfaction of the Planning Secretary. The EMS will be:

(a) update the strategies, plans or programs required under this consent 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 consent 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 consent.

When revised, the revision status of this Plan will be indicated on the title page of this document. This Plan will be made publicly available on the project website in accordance with CoC C20 of the DC. A hard copy of this Plan will also be kept at the site project office during construction.

Review is a critical element of environmental management systems and involves a formal evaluation of the adequacy of the environmental management plans and documents – taking into account any new environmental issues, legislation, changing circumstances and continual improvement.

To ensure a rigorous, all-encompassing review process, Fluence and Transgrid will conduct quarterly management review meetings with the Principal. These meetings should be attended by individuals with either executive or specialist responsibility. At this stage of the development this may include:

- the Principal's Project Manager
- the Fluence /Transgrid Project Manager
- the Fluence /Transgrid HSE Manager
- the Fluence /Transgrid Construction Manager
- the Fluence /Transgrid Site Manager
- the subcontractor management representatives, as appropriate.

Fluence and Transgrid commit to complying with CoC A3 and will comply with any requirement/s of the Secretary arising from the Department's assessment of:

a. any strategies, plans or correspondence that are submitted in accordance with this consent
b. any reports, reviews or audits commissioned by the Department regarding compliance with this consent; and
c. the implementation of any actions or measures contained in these documents

Fluence and Transgrid commit to complying with CoC A3 in full.

7.5 Continuous improvement of environmental performance

Areas for improvement identified during daily inspections will be addressed by the Fluence and Transgrid environment teams at daily pre-start (Toolbox) meetings with the appropriate construction supervisor and crew.

At the discretion of the Site Manager, identified areas of improvement may also form the basis for more formalised weekly project meeting. Addressing non-conformance and areas for improvement with the construction crews in this forum is aimed at continuously improving the environmental performance of the project and driving environmental awareness on site.

Audits also play an important part in the continuous improvement process and the results of the audits should be considered when updating the EMS.

8 Community and stakeholder engagement

8.1 Consultation during project planning

The Principal has undertaken community and stakeholder consultation throughout every stage of the development of the project, including during the preparation of the EIS for the Project and responses were taken into consideration in the design of both the Project and the environmental impact mitigation measures.

Details of the consultation undertaken during the EIS stage are provided in Chapter 5 of the EIS.

AMPYR Australia, as the Principal of the WSBESS Project, will retain overall responsibility for community and stakeholder engagement throughout the lifecycle of the project—including construction, operation, and decommissioning phases. This includes engagement with the local community, relevant government agencies, and other stakeholders.

A Community and Stakeholder Engagement Plan (CSEP) and well as a First Nations Engagement Plan (FNEP) have been developed for the project and are currently being implemented. This is supported by a Stakeholder and Communications Tracker to monitor engagement activities and feedback.

8.1.1 Communication Methods

Engagement methods will be tailored to suit the needs and preferences of different stakeholders and may include (but are not limited to):

- Project website updates
- Newsletters and mail-outs
- Frequently Asked Questions (FAQs)
- Drop-in information sessions
- Media and social media updates

Stakeholders are also encouraged to contact the project team directly via the contact details provided on the project website.

8.1.2 Engagement Timing and Frequency

- Construction Phase: Project updates will generally be provided on a quarterly basis, or more frequently if significant milestones or changes occur, or potentially skipped if there is nothing worth noting to stakeholders.
- Operational Phase: Regular updates will continue, with a focus on environmental performance, operational status, and any community-related matters.
- Decommissioning Phase: A dedicated engagement process will be initiated well in advance of decommissioning activities to ensure stakeholders are informed and

consulted appropriately. This will align with the preparation of the decommissioning management plan, developed during the operational phase.

The engagement strategy, plan and approach remain flexible and responsive to stakeholder feedback, ensuring that communication methods and frequency align with community expectations and regulatory requirements.

8.2 Notifications to DPHI prior to key project stages

In accordance with CoC C7 prior to commencing construction, operations, upgrading or decommissioning of the development or the cessation of operations, the Principal will notify DPHI 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 Principal will notify DPHI in writing prior to the commencement of the relevant stage, and clearly identify the development that would be carried out during the relevant stage.

8.3 Consultation during construction

To ensure the community is kept informed of works at the site, the Principal will implement the project Community Engagement Plan (CEP). The CEP sets out the framework for environmental management to enable Fluence, Transgrid and subcontractors to meet their community and stakeholder consultation and engagement obligations and to minimise and manage these impacts while undertaking the works.

The objectives of the CEP are to:

- provide up to date information to the community and other stakeholders to establish and maintain relationships with them
- prioritise and address the issues and concerns raised by the community and other stakeholders
- minimise, where possible, negative direct and indirect impacts on sensitive receivers and the broader community
- enable community issues to be monitored and reviewed over the life of the works.

To achieve these objectives, the following scope has been undertaken:

- identifying the stakeholders that are directly or indirectly linked to or impacted by the project and establish a database to facilitate direct communications with stakeholders.
- identifying risks and opportunities in relation to community and stakeholder engagement
- preparation of an engagement activities and communication plan
- preparation of a program to monitor and review the effectiveness of the plan over the life of the development, including regular monitoring and review during construction.

In preparing this EMS AMPYR have consulted with the DPHI. Details of AMPYR's consultation with DPHI is contained in Appendix D.

8.4 Website

A website has been established by AMPYR for the Project http://wellingtonbess.com

This website will be maintained and kept up to date by the Principal. In accordance with CoC C20 (Schedule 4) the website will make the following information publicly available at minimum, as relevant to the stage of the development:

- EIS and response to submissions
- the final layout plans for the development
- current statutory approvals for the development
- approved strategies, plans or programs required under the conditions of this consent
- the proposed staging plans for the development if the construction, operations or decommissioning of the development is to be staged
- how complaints about the development can be made
- a Complaints register (see Section 8)
- compliance reports
- any independent environmental audit, and the Applicant's response to the recommendations in any audit (see Section 6.3)
- any other matter required by the Secretary.

Fluence and Transgrid will support The Principal by providing information, where appropriate, for uploading to the website.

8.5 Dissemination of environmental information

The Principal commits to ensuring stakeholders are kept informed about the environmental performance of the development. This will be achieved by:

- ensuring the website is updated with environmental performance data
- informing nearby residents by mail and / or email to provide them with information such as timeframes, contact numbers, etc.
- Responding to government agency requests for information

Fluence and Transgrid will support the Principal by providing information, where appropriate, in the dissemination of environmental information.

9 Complaints management

To facilitate open communication and active complaint resolution, it is important that local stakeholders are able to raise issues and complaints in a formal way.

Concerns and issues raised are recorded and responded to in a timely and consistent manner, and in accordance with regulatory standards and company policies. The following are key principles adhered to by Fluence and the project in responding to issues or concerns raised by local stakeholders:

- timeliness – complaints will be dealt with in a timely and efficient manner.
- sensitivity – ensure that both parties' feelings and perspectives are respected.
- fairness and impartiality – both parties will be afforded substantive and procedural fairness in the resolution process; and
- confidentiality – only parties directly involved in the complaint or those involved in decision making about outcomes will have access to information about the complaint.

In the event that a complaint is received from the community, the Fluence and Transgrid Project Managers (or their representative) will ensure the complaint is recorded, reported to the Principal and that further investigation is undertaken. The Principal will approve all responses to complaints.

In addition to direct neighbours discussion etc.

The process for managing complaints is described below.

9.1 Complaints Management Procedure

The details of the complaint will be recorded by Fluence and Transgrid in Complaints Registers, which will include the following:

- the date and time, where relevant, of the complaint
- the means by which the complaint was made (telephone, mail, email or in person)
- who received the complaint
- any personal details of the complainant that were provided, or if no details were provided, a note to that effect
- the nature of the complaint
- any actions taken in relation to the complaint, including timeframes for initial and ongoing responses and implementing the action
- if no action was taken in relation to the complaint, the reason(s) why no action was taken
- the status of the complaint (i.e. open/closed)
- measures to avoid reoccurrence (if any).

The Complaints Registers will be managed and maintained by the Fluence and Transgrid Project Managers or their representative during construction. They will be responsible for:

- notifying the Principal of the complaint
- confirming that the Principal provides a response to the person complaining within a reasonable time frame of the complaint being made
- logging all details of the complaint and supporting documentation in the Complaints Register while meeting privacy requirements; and
- notifying the relevant management staff as appropriate

The Principal will ensure the Complaints Register is made available on the Project website and updated regularly, in accordance with CoC B10 (iv), C1 and C20, with personal details kept private.

9.2 Contact details for complainants

The following avenues are available for complaints and enquiries to be lodged by the community and other stakeholders:

Email: info@wellingtonbess.com

Online contact form: up to date version can be found at http://www.wellingtonbess.com

Phone: 1800718538

They are communicated via the Project website and signage at the site entrance and will be coordinated between Fluence and AMPYR.

9.3 Dispute Resolution

In the event that the actions taken to address a complaint, including the measures for avoiding a recurrence, are not sufficient to satisfy the complainant mediation will be undertaken between the Principal and the complainant. In the event that mediation is not successful a dispute is raised, the Principal will do the following:

- advise DPHI that there is a dispute
- provide DPHI with copies of the relevant complaint history
- if determined necessary by DPHI, engage a specialist with expertise relevant to the issue at hand to investigate the dispute and provide recommendations for resolution
- advise the third party in dispute (the complainant) and DPHI in writing, as to when the dispute investigation will be completed
- provide the third party and DPHI a copy of the dispute investigation report, inclusive of the Principal's intentions with regards to the implementation of the recommendations for resolution.
- Generally, complaints will be dealt with within 72 hours of receiving the complaint, however for complex complaints this time frame may be longer. However, all complaints will be dealt with within 5 working days

Fluence and Transgrid will support the Principal, where appropriate, in the reporting, understanding and resolution of disputes.

10 References

EMM (2022) Wellington South Battery Energy Storage System Environmental Impact Statement, prepared for AMPYR Australia Pty Ltd by EMM Australia Pty Ltd. October 2022

EMM (2023a) Wellington South Battery Energy Storage System: Response to Submissions Report, for AMPYR Australia Pty Ltd by EMM Australia Pty Ltd. July 2023

EMMl (2023b) Wellington South Battery Energy Storage System: Amendment Report, for AMPYR Australia Pty Ltd by EMM Australia Pty Ltd. July 2023

Appendix A:
Conditions of Consent SSD 27014706

Condition No.	Condition Description	Reference
Schedule 2 Administrative Conditions		
Obligations to minimise harm to the environments		
A1	*In meeting the specific environmental performance criteria established under this consent, the Applicant must implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation, upgrading or decommissioning of the development.*	EMS Section 1.3/ CEMP/OEMP
Terms of Consent		
A2	*The Applicant must carry out the development:* *(a) in compliance with the conditions of this consent;* *(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 (of Conditions of Consent)*	EMS Section 2/ CEMP/OEMP
A3	*If there is any inconsistency between the above documents, the most recent document must prevail to the extent of the inconsistency. However, the conditions of this consent must prevail to the extent of any inconsistency.*	EMS Section 2/ CEMP/OEMP
A4	*The Applicant 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 consent;* *(b) any reports, reviews or audits commissioned by the Department regarding compliance with this consent; and*	EMS Section 5.10.1

Condition No.	Condition Description	Reference
	(c) the implementation of any actions or measures contained in these documents.	
Battery Storage Restriction		
A5	*Unless the Planning Secretary agrees otherwise in writing, the battery storage associated with the development must not exceed a total delivery capacity of 500 MW.* *Note: This condition does not prevent the Applicant from seeking to lodge a separate development application or modify this consent to increase the capacity of the battery storage in the future*	
Upgrading of Battery Storage and Ancillary Infrastructure		
A6	*The Applicant 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 Applicant must provide revised layout plans and project details of the development to the Planning Secretary incorporating the proposed upgrades.*	EMS Section 5.10.2
Structural Adequacy		
A7	*The Applicant 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.* *Notes:* • *Under Part 6 of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the development.* • *Part 8 of the EP&A Regulation sets out the requirements for the certification of the development.*	EMS Section 5.10.3

Condition No.	Condition Description	Reference
Demolition		
A8	*The Applicant 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.*	EMS Section 5.10.4
Protection of Public Infrastructure		
A9	*Unless the Applicant and the applicable authority agree otherwise, the Applicant 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.* *This condition does not apply to the upgrade and maintenance of the road network, which is expressly provided for in the conditions of this consent.*	EMS Section 5.10.5
Operation of Plant and Equipment		
A10	*The Applicant must ensure that all plant and equipment used on site, or in connection with the development, is:* (a) *maintained in a proper and efficient condition; and* (b) *operated in a proper and efficient manner.*	EMS Section 5.10.6
Subdivision		

Condition No.	Condition Description	Reference
A11	*The Applicant may subdivide land comprising the site for the purposes of carrying out the development as identified in Appendix 3 (of Conditions of Consent) and in accordance with the requirements of the EP&A Act, EP&A Regulation and the Conveyancing Act 1919 (NSW).* *Notes:* • *Under Part 6 of EP&A Act, the Applicant is required to obtain a subdivision certificate for a plan of subdivision.* • *Division 6.4 of Part 6 of the EP&A Act sets out the application requirements for subdivision certificates.*	Outside scope of EMS/EMPs
Applicability Of Guidelines		
A12	*References in the conditions of this consent 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 consent.* *However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent 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.*	
Compliance		
A13	*The Applicant 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 consent relevant to activities they carry out in respect of the development.*	
Evidence of Consultation		

Condition No.	Condition Description	Reference
A14	*Where conditions of this consent require consultation with an identified party, the Applicant 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 Applicant and how the Applicant has addressed the matters not resolved.*	
Community Enhancement		
A15	*Prior to commencement of construction, unless otherwise agreed by the Planning Secretary, the Applicant must enter into a VPA with Council in accordance with:* *(a) Division 7.1 of Part 7 of the EP&A Act; and* *(b) the terms of the letter of offer dated 8 November 2023, which are summarised in Appendix 5* (of Conditions of Consent).	AMPYR has entered into a VPA with Dubbo Regional Council in accordance with the terms of the letter of offer dated 8 November 2023,
Part B Environmental Conditions - General		
Transport: Heavy Vehicles Requiring Escort and Heavy Vehicle Restrictions		
B1	*The Applicant must ensure that the:* *(a) development does not generate more than:* *I. 60 heavy vehicle movements a day during construction, upgrading and decommissioning;*	Traffic Management Plan (TMP)

Condition No.	Condition Description	Reference
	II. 80 Light movements and 30 heavy vehicle movements during the AM (6 - 7 am) or PM (5 - 6 pm) project peak hour during construction, upgrading or decommissioning; and *III. 20 over-dimensional vehicle movements during construction, upgrading and decommissioning; and* *(b) length of any vehicles (excluding over-dimensional vehicles) used for the development does not exceed 26 metres, unless the Planning Secretary agrees otherwise.*	
B2	*The Applicant must keep accurate records of the number of over-dimensional and heavy vehicles entering or leaving the site each day for the duration of the project.*	TMP
Transport: Access Route		
B3	*All heavy vehicles and heavy vehicles requiring escort associated with the development must travel to and from the site via:* *(a) Castlereagh Highway, Goolma Road and Twelve Mile Road; or* *(b) Mitchell Highway, Goolma Road and Twelve Mile Road,* *as shown in Appendix 4 (of Conditions of Consent).* *Note: The Applicant 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.*	TMP
Transport: Site Access		
B4	*Unless the Planning Secretary agrees otherwise, all vehicles associated with the development must enter and exit the site via the site access point off Twelve Mile Road as identified in Appendix 1(of Conditions of Consent) identified in Condition B7.*	TMP

Condition No.	Condition Description	Reference
B5	*The existing site access off Twelve Mile Road must be closed by the applicant prior to the commencement of any construction activities.*	TMP
Transport: Road upgrades		
B6	*Unless the Planning Secretary agrees otherwise, prior to commencing construction, the Goolma Road / Twelve Mile Road intersection and realignment must be completed as per the scope and conditions of the Uungula Wind Farm SSD-6687*	Outside scope of EMS/EMPs
B7	*Unless the Planning Secretary agrees otherwise, prior to commencing construction, the Applicant must design and construct the new access road intersection on Twelve Mile Road with Basic Left Turn (BAL) and Short Channelised Right-turn (CHR(s) treatments as shown in Appendix 6 (of Conditions of Consent).* *Unless the relevant road authority agrees otherwise, these upgrades must comply with the current Austroads Guidelines, Australian Standards and TfNSW supplements, and be carried out to the satisfaction of the relevant roads authority.*	
Transport: Road Maintenance		
B8	*The Applicant must, in consultation with Council:* *(a) undertake an independent dilapidation survey to assess the:* *I. existing condition of Twelve Mile Road on the transport route, prior to construction, upgrading or decommissioning works; and* *II. condition of Twelve Mile Road on the transport route, following construction, upgrading or decommissioning works;*	TMP

Condition No.	Condition Description	Reference
	(b) repair Twelve Mile Road on the transport route if dilapidation surveys identify that the road has been damaged during construction, upgrading or decommissioning works. *If there is a dispute between the Applicant and Council about the repair of Twelve Mile Road, then either party may refer the matter to the Planning Secretary for resolution.*	
Transport: Operating Conditions		
B9	*The Applicant must ensure:* *(a) the internal roads are constructed and maintained as all-weather roads;* *(b) Any existing internal roads are maintained as all-weather roads;* *(c) there is sufficient parking on site for all vehicles, and no parking occurs on the public road network in the vicinity of the site;* *(d) the capacity of the existing roadside drainage network is not reduced;* *(e) all vehicles are loaded and unloaded on site, and enter and leave the site in a forward direction; and* *(f) vehicles leaving the site are in a clean condition, with loads appropriately covered or contained, to minimise dirt being tracked onto the sealed public road network*	TMP
Transport: Traffic Management Plan		
B10	*Prior to commencing road upgrades identified in Condition B6 and B7, the Applicant 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: details of the transport route to be used for all development-related traffic.* *(a) details of the transport route to be used for all development-related traffic;* *(b) details of the road upgrade works required by condition B6 and B7;*	TMP

Condition No.	Condition Description	Reference
	(c) details of the measures that would be implemented to minimise traffic impacts during construction, upgrading or decommissioning works, including: *I. details of the dilapidation surveys required by condition B8;* *II. temporary traffic controls, including detours and signage;* *III. notifying the local community about development-related traffic impacts;* *IV. procedures for receiving and addressing complaints from the community about development related traffic;* *V. minimising potential cumulative traffic impacts with other State significant development projects in the area;* *VI.) minimising potential for conflict with school buses and other road users as far as practicable, including preventing queuing on the public road network;* *VII. minimising dirt tracked onto the public road network from development-related traffic;* *VIII. details of employee shuttle bus service, including pick-up and drop-off points and associated parking arrangements for construction workers, and measures to encourage employee use of this service as described in the EIS;* *IX. facilitate car-pooling or ride sharing by employees;* *X. scheduling of heavy vehicle movements to minimise convoy length or platoons, and to minimise conflict with light vehicles;* *XI. responding to local climate conditions that may affect road safety such as fog, dust, wet weather and flooding;* *XII. responding to any emergency repair or maintenance requirements; and* *XIII. a traffic management system for managing heavy vehicles requiring escort;* *(d) driver's code of conduct that addresses:* *a. driver fatigue* *b. procedures to ensure that drivers adhere to the designated transport routes and speed limits; and* *c. procedures to ensure that drivers implement safe driving practices; and*	

Condition No.	Condition Description	Reference
	(e) a program to ensure drivers working on the development receive suitable training on the code of conduct and any other relevant obligations under the Traffic Management Plan. *Following the Planning Secretary's approval, the Applicant must implement the Traffic Management Plan*	
Biodiversity: Vegetation Clearance		
B11	*The Applicant must:* *(a) not clear any native vegetation or fauna habitat located outside the approved disturbance areas described in the EIS.*	Biodiversity Management Plan (BMP)
Biodiversity: Biodiversity Offsets		
B12	*Prior to carrying out any development that could directly or indirectly impact on biodiversity values requiring NSE Government Offset, the Applicant must retire biodiversity credits of a number and class specified in Table 1 and Table 2 below, unless the Planning Secretary agrees otherwise.* *The retirement of these credits must be carried out in accordance with the NSW Biodiversity Offsets Scheme and can be achieved by:* *(a) acquiring or retiring 'biodiversity credits' within the meaning of the Biodiversity Conservation Act 2016;* *(b) making payments into an offset fund that has been developed by the NSW Government; or* *(c) funding a biodiversity conservation action that benefits the entity impacted and is listed in the ancillary rules of the biodiversity offset scheme.* ***Table 1: Ecosystem Credit Requirements***	BMP

<table>
<tr><th>Condition No.</th><th>Condition Description</th><th>Reference</th></tr>
<tr><td></td><td>
<table>
<tr><th>Ecosystem Credits</th><th>Credits Required</th></tr>
<tr><td>PCT266 – White Box grassy woodland in the upper slopes sub-region of the NSW South Western Slopes Bioregion</td><td>41</td></tr>
</table>
Table 2 Species Credit Requirements
<table>
<tr><th>Ecosystem Credits</th><th>Credits Required</th></tr>
<tr><td>Superb Parrot</td><td>56</td></tr>
<tr><td>Pink – tailed Legless Lizard</td><td>26</td></tr>
</table>
</td><td></td></tr>
<tr><td>B13</td><td>Prior to carrying out any development that could directly or indirectly impact the biodiversity values requiring offset, the Applicant must provide evidence to the Planning Secretary that biodiversity credits have been retired.</td><td></td></tr>
<tr><td colspan="3">Biodiversity: Biodiversity Management Plan</td></tr>
<tr><td>B14</td><td>Prior to commencing construction road upgrades, the Applicant must prepare a Biodiversity Management Plan for the development in consultation with BCS, and to the satisfaction of the Planning Secretary. This plan must:
(a) be prepared in accordance with the revised Biodiversity Development Assessment Report (dated 13 September 2023);
(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. managing the remnant vegetation and fauna habitat on site;</td><td>BMP</td></tr>
</table>

Condition No.	Condition Description	Reference
	III. minimising clearing and avoiding unnecessary disturbance of vegetation that is associated with the construction and operation of the development; *IV. minimising the impacts to fauna on site and implementing fauna management protocols;* *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; and* *(e) include details of who would be responsible for monitoring, reviewing and implementing the plan.* *Following the Planning Secretary's approval, the Applicant must implement the Biodiversity Management Plan.* *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*	
Amenity: Construction Hours		
B15	*Road upgrades, construction, Commissioning, demolition, upgrading or decommissioning activities (excluding blasting) may be only undertaken between:* *(a) 7 am to 6 pm Monday to Friday;* *(b) 8 am to 1 pm Saturdays; and* (c) *at no time on Sundays and NSW public holidays.*	EMS Section 3.3 /CEMP/OEMP

Condition No.	Condition Description	Reference
Amenity: Exceptions to Construction Hours		
B16	The following activities may be carried outside the hours specified in condition B15 above: (a) *commissioning activities that are inaudible at non-associated residences* (b) *the delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons; or* (c) *emergency work to avoid the loss of life, property or prevent material harm to the environment.*	
Amenity: Variation of Construction Hours		
B17	The hours of construction activities specified in condition B15 of this approval may be varied with the prior written approval of the Planning Secretary. Any request to alter the hours of construction must be: (a) considered on a case-by-case or activity-specific basis; (b) accompanied by details of the nature and justification for activities to be conducted during the varied construction hours; (c) accompanied by written evidence that appropriate consultation with potentially affected sensitive receivers and notification of Councils (and other relevant agencies) has been or will be undertaken; (d) accompanied by evidence that all feasible and reasonable noise mitigation measures have been put in place; and (e) accompanied by a noise impact assessment consistent with the requirements of the Interim Construction Noise Guideline (DECC, 2009), or latest version.	
Amenity: Noise		
B18	*The Applicant must:*	CEMP/OEMP

<table>
<tr><th>Condition No.</th><th>Condition Description</th><th>Reference</th></tr>
<tr><td></td><td>
a) minimise the noise generated by any construction, upgrading or decommissioning activities on site in accordance with the best practice requirements outlined in the Interim Construction Noise Guideline (DECC, 2009), or its latest version; and
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 residences unless the Planning Secretary agrees otherwise;

Table 3 Operational Noise Limit Requirements
<table>
<tr><td rowspan="3">Location</td><td colspan="4">Noise Limits in dB(A)</td></tr>
<tr><td>Day</td><td>Evening</td><td>Night</td><td>Night</td></tr>
<tr><td>L Aeq (15min)</td><td>L Aeq (15min)</td><td>L Aeq (15min)</td><td>L AF max</td></tr>
<tr><td>Non – Associated Residences</td><td>40</td><td>35</td><td>35</td><td>52</td></tr>
</table>
</td><td></td></tr>
<tr><td>B19</td><td>
Unless the Planning Secretary agrees otherwise, within 3 months of the commencement of operation, the Applicant must prepare and submit a Noise Monitoring Report for the development to the satisfaction of the Planning Secretary. The Noise Monitoring Report must:

(a) be prepared by a suitably qualified, experienced and independent acoustic consultant;
(b) demonstrate that noise monitoring:
I. has been carried out in accordance with the procedures in the Noise Policy for Industry (EPA, 2017); and
</td><td></td></tr>
</table>

Condition No.	Condition Description	Reference
	II. *includes monitoring during the day, evening and night periods during operational, temperature and meteorological conditions that would represent typical worst-case scenarios where reasonable and feasible; and* *(c) include:* I. *1/3 octave data and calculated sound power levels along with a discussion of any excessive annoying characteristics and directionality;* II. *an analysis of compliance with the noise limits specified in condition B18 at R15;* III. *an outline of implemented at-source and transmission pathway mitigation measures and their effectiveness at reducing operational noise; and* IV. *a description of contingency measures in the event implemented mitigation measures are not effective at reducing noise levels to comply with limits specified in condition B18 at R15 at all times.* *The Applicant must undertake further noise monitoring of the development if required by the Planning Secretary.*	
Amenity: Dust		
B20	*The Applicant must minimise the dust generated by the development.*	CEMP/OEMP
Amenity: Visual		
B21	*The Applicant must:* *a) minimise the off-site visual impacts of the development, including the potential for any glare or reflection;* *b) ensure the visual appearance of all ancillary infrastructure (including paint colours) blends in as far as possible with the surrounding landscape; and*	CEMP/OEMP

Condition No.	Condition Description	Reference
	c) not mount any advertising signs or logos on site, except where this is required for identification or safety purposes.	
Amenity: Vegetation Buffer		
B22	*Unless the Planning Secretary agrees otherwise, the Applicant must establish and maintain a vegetation buffer (landscape screening), at the locations identified in the landscape plan in Appendix 7 of this consent and as described in the EIS. The landscape screening must:* *(a) be planted prior to commencing operation;* *(b) be comprised of species that are endemic to the area;* *(c) be designed and maintained in accordance with RFS's Planning for Bushfire Protection 2019 (or equivalent); and* *(d) be properly maintained with appropriate weed management.*	
Amenity: Lighting		
B23	*The Applicant must:* *(a) minimise the off-site lighting impacts of the development; and* *(b) ensure that any external lighting associated with the development:* *I. is installed as low intensity lighting (except where required for safety or emergency purposes);* *II. does not shine above the horizontal; and* *III. complies with Australian/New Zealand Standard AS/NZS 4282:2019 – Control of Obtrusive Effects of Outdoor Lighting, and the Dark Sky Planning Guidelines (DPE 2018) or its latest versions.*	CEMP/OEMP

Condition No.	Condition Description	Reference
Heritage: Protection of Heritage Items		
B24	*The Applicant must ensure the development does not cause any direct or indirect impacts on the Aboriginal heritage items located outside the approved development footprint.*	Heritage Management Plan (HMP)
Heritage: Unexpected Finds Protocol – Aboriginal Heritage		
B25	*Prior to the commencement of construction, the Applicant must prepare a Chance Finds Protocol for the development in consultation with the Aboriginal Stakeholders, and to the satisfaction of heritage NSW. Following approval, the Applicant must implement the Chance Finds Protocol.*	
Soil and Water: Water Supply		
B26	*The Applicant 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.* *Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Applicant is required to obtain the necessary water licences for the development*	Soil and Water Management Plan (SWMP)
Soil and Water: Water Pollution		
B27	*The Applicant must ensure that the development does not cause any water pollution, as defined under Section 120 of the POEO Act.*	ESCP
Soil and Water: Operation Conditions		

Condition No.	Condition Description	Reference
B28	*The Applicant must:* *a) minimise erosion and control sediment generation;* *b) ensure that construction, upgrading or decommissioning of the development have appropriate drainage and erosion and sediment controls designed, installed and maintained in accordance with Managing Urban Stormwater: Soils and Construction (Landcom, 2004) manual, or its latest version;* *c) ensure the battery and ancillary infrastructure (including security fencing) are designed, constructed and maintained to reduce impacts on surface water, localised flooding and groundwater at the site;* *d) ensure the battery and ancillary infrastructure (including security are designed, constructed and maintained to avoid any erosion on site:*	ESCP
Hazards: Fire Safety Study		
B29	*Prior to commencing construction of the battery storage facility, the Applicant must prepare a Fire Safety Study for the development, to the satisfaction of FRNSW and the Planning Secretary. The study must:* *a) be consistent with the Department's Hazardous Industry Planning Advisory Paper No. 2 'Fire Safety Study' guideline;* *b) describe the final design of the battery storage facility.* *c) include reasonable worst-case fire scenario to and from the battery storage and the associated fire management; and* *d) identify measures to eliminate the expansion of any fire incident including:* *I. adequate fire safety systems and appropriate water supply;* *II. separation and / or compartmentalisation of battery units; and* *III. strategies and incident control measures specific to the battery storage design.*	Fire Safety Study (FSS)

Condition No.	Condition Description	Reference
	Following approval by the Planning Secretary, the Applicant must implement the measures described in the Fire Safety Study. *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.*	
Hazards: Storage and Handling of Dangerous Goods		
B30	*The Applicant must store and handle all chemicals, fuels and oils used on-site in accordance with:* *a) the requirements of all relevant Australian Standards; and* *b) the NSW EPA's Storing and Handling of Liquids: Environmental Protection – Participants Handbook if the chemicals are liquids* *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.*	SWMP
Hazards: Operating Conditions		
B31	*The Applicant must:* *a) minimise the fire risks of the development, including managing vegetation fuel loads on-site;* *b) ensure that the development:* *I. complies with the relevant asset protection requirements in the RFS's Planning for Bushfire Protection 2019 (or equivalent) and Standards for Asset Protection Zones; and* *II. is suitably equipped to respond to any fires on site, including provision of a 10,000 litre water supply tank fitted with a 65 mm Storz fitting and a FRNSW compatible suction connection;*	Emergency Plan (EP)/Bushfire Management Plan

Condition No.	Condition Description	Reference
	c) ensure that the battery storage area: *I. includes a 10 metre defendable space between the vegetation hazard and the infrastructure that permits unobstructed vehicle access; and* *II. is managed as an asset protection zone (including the defendable space);* *d) assist the RFS and emergency services as much as practicable if there is a fire in the vicinity of the site; and* *e) notify the relevant Local Emergency Management Committee following construction of the development, and prior to commencing operations.*	
Hazards: Emergency Plan		
B32	*Prior to commencing commissioning, the Applicant must develop and implement a comprehensive Emergency Plan (including an emergency responders induction plan) and detailed emergency procedures for the development, and provide a copy of the plan to the relevant NSW RFS Fire Control Centre and FRNSW. The plan must:* *a) be prepared in accordance with the findings of the Fire Safety Study required under Condition B29 of Schedule 2;* *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);* *c) include details on how the battery storage and sub-systems can be safely isolated in an emergency;* *d) include bushfire emergency management planning, including:* *I. details of the location, management and maintenance of the Asset Protection Zone;* *II. a list of works that should not be carried out during a total fire ban;* *III. iii) details of how RFS would be notified, and procedures that would be implemented, in the event that:* *i. there is a fire on-site or in the vicinity of the site;*	EP

Condition No.	Condition Description	Reference
	ii. there are any activities on site that would have the potential to ignite surrounding vegetation; or *iii. there are any proposed activities to be carried out during a bushfire danger period; and* *e) include an Emergency Services Information Package in accordance with Emergency services information and tactical fire plan (FRNSW, 2019), to the satisfaction of FRNSW and RFS.*	
B33	*The Applicant must:* *a) implement the Emergency Plan and the Emergency Services Information Package for the duration of the development; and* *b) following commencement of commissioning of the battery storage, keep a copy of the Emergency Services Information Package on-site in a prominent position adjacent to the site entry points at all times.*	
Waste		
B34	*The Applicant must:* *a) minimise the waste generated by the development;* *b) classify all waste generated on site in accordance with the EPA's Waste Classification Guidelines 2014 (or its latest version);* *c) store and handle all waste on site in accordance with its classification;* *d) not receive or dispose of any waste on site; and* *e) 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.*	Waste and Resource Management Plan
Accommodation and Employment Strategy		

<table>
<tr><th>Condition No.</th><th>Condition Description</th><th>Reference</th></tr>
<tr><td>B35</td><td>Prior to commencing construction, the Applicant must prepare an Accommodation and Employment Strategy for the development in consultation with Council, and to the satisfaction of the Planning Secretary. This strategy must:

a) propose measures to ensure there is sufficient accommodation for the workforce associated with the development;
b) consider the cumulative impacts associated with other State significant development projects in the area and tourism activity;
c) investigate options for prioritising the employment of local workers for the construction and operation of the development, where feasible; and
d) include a program to monitor and review the effectiveness of the strategy over the life of the development, including regular monitoring and review during construction.

Following the Planning Secretary’s approval, the Applicant must implement the Accommodation and Employment Strategy.</td><td>Accommodation and Employment Strategy (AES)</td></tr>
<tr><td colspan="3">Decommissioning and Rehabilitation</td></tr>
<tr><td>B36</td><td>Within 18 months of the cessation of operations, unless the Planning Secretary agrees otherwise, the Applicant must rehabilitate the site to comply with the objectives in Table 4.

Table 4: Rehabilitation Objectives
<table><tr><th>Feature</th><th>Objective</th></tr><tr><td>Site</td><td>•Safe, stable and non-polluting</td></tr></table></td><td>Decommissioning Plan (see OEMP)</td></tr>
</table>

<table>
<tr><th>Condition No.</th><th>Condition Description</th><th>Reference</th></tr>
<tr><td></td><td><table>
<tr><td>Battery Storage infrastructure</td><td>•To be decommissioned and removed, unless the Planning Secretary agrees otherwise, with the exception if assets held by the Network Service Provider</td></tr>
<tr><td>Land use</td><td>•Restore land to pre-existing use</td></tr>
<tr><td>Community</td><td>•Ensure public safety at all times</td></tr>
</table></td><td></td></tr>
<tr><td colspan="3">Part C Environmental Management, Reporting and Auditing</td></tr>
<tr><td colspan="3">Environmental Management: Environmental Management Strategy</td></tr>
<tr><td>C1</td><td>Prior to commencing construction, the Applicant must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must:
f) provide the strategic framework for environmental management of the development;
g) identify the statutory approvals that apply to the development;
h) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;
i) 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
j) include:</td><td>Environmental Management Strategy (EMS)</td></tr>
</table>

Condition No.	Condition Description	Reference
	III. references to any plans approved under the conditions of this consent; and *IV. a clear plan depicting all the monitoring to be carried out in relation to the development* Following the Planning Secretary's approval, the Applicant must implement the Environmental Management Strategy.	
Environmental Management: Revision of Strategies, Plans and Programs		
C2	*The Applicant must:* *a) update the strategies, plans or programs required under this consent 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 consent 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 consent.*	CEMP/OEMP
Environmental Management: Updating and Staging of Strategies, Plans or Programs		
C3	*With the approval of the Planning Secretary, the Applicant may stage the development and may:* *(a) prepare and submit any strategy, plan or program required by this consent 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 consent (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and*	CEMP/OEMP

Condition No.	Condition Description	Reference
	(c) *update any strategy, plan or program required by this consent (to ensure the strategies, plans and programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).*	
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 consent*	
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*	
C6	*If the Planning Secretary agrees, a strategy, plan or program may be staged without addressing particular requirements of the relevant condition of this consent if those requirements are not applicable to the particular stage.*	
Notification: Notification of Department		
C7	*Prior to commencing the construction, operations, upgrading or decommissioning of the development or the cessation of operations, the Applicant 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 Applicant 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.*	CEMP/OEMP

Condition No.	Condition Description	Reference
Notification: Final Layout Plans		
C8	*Prior to commencing construction, the Applicant must submit detailed plans of the final layout of the development to the Department via the Major Projects website and to Council, showing comparison to the approved layout and including details on the siting of battery storage and ancillary infrastructure.* *The Applicant must ensure that the development is constructed in accordance with the Final Layout Plans.*	CEMP
Notification: Work as Executed Plans		
C9	*Prior to commencing operations or following the upgrades of any battery storage components or ancillary infrastructure, the Applicant must submit work as executed plans of the development showing comparison to the final layout plans to the Department via the Major Projects website and also to Council and NSW Subsidence Advisory.*	CEMP/OEMP
Notification: Incident Notification		
C10	*The Department must be notified in writing via the Major Projects website immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident. Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set out in Appendix 8* (of Conditions of Consent).	CEMP/OEMP
Notification: Non-Compliance Notification		

Condition No.	Condition Description	Reference
C11	*The Planning Secretary must be notified in writing via the Major Projects website within seven days after the Applicant becomes aware of any non-compliance*	CEMP/OEMP
C12	*A non-compliance notification must identify the development and the application number for it, set out the condition of consent 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.*	CEMP/OEMP
C13	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	CEMP/OEMP
Independent Environmental Audit		
C14	*Independent Audits of the development must be conducted and carried out 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.*	CEMP/OEMP
C15	*Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.*	CEMP/OEMP
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 Applicant of the date upon which the audit must be commenced.*	CEMP/OEMP

Condition No.	Condition Description	Reference
C17	*In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Applicant must:* *a) review and respond to each Independent Audit Report prepared under condition C14 of Schedule 2 of this consent, 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.*	CEMP/OEMP
C18	*Independent Audit Reports and the Applicant'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.*	CEMP/OEMP
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.*	OEMP
Access to Information		
C20	*The Applicant 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;*	EMS Section 7.4

Condition No.	Condition Description	Reference
	IV. approved strategies, plans or programs required under the conditions of this consent (other than the Fire Safety Study and Emergency Plan); *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 consent;* *VII. how complaints about the development can be made;* *VIII. any independent environmental audit, and the Applicant's response to the recommendations in any audit; and* *IX. any other matter required by the Planning Secretary; and* *b) keep this information up to date.*	

Appendix B:
EIS and Amendment report commitments

Table C1 Consolidated EIS and Amendment report commitments

Impact/risk	ID	Measure	Timing	Document *
Biodiversity				
Removal of Box Gum Woodland and derived native grassland	BIO01	Retain vegetation where possible within the transmission line connection. Limit the removal of vegetation to necessary trees and trimming of branches.	Construction; post-construction	BMP
Removal of Box Gum Woodland and derived native grassland	BIO02	Locate the access of the BESS on most of the existing access track within the project boundary.	Design	BMP
Removal of Box Gum Woodland and derived native grassland	BIO03	Following construction, include species consistent with PCT 266 into landscaping and vegetation screens.	Post-construction	BMP
Removal of hollow-bearing trees	BIO04	Minimise removal of hollow-bearing trees which occur within the project boundary, where possible. A visual screening area is included in the project boundary, where efforts to retain the 7 remaining trees will be made. Although this is the aim of AMPYR, impacts to hollow-bearing trees include the removal of the 7 trees within the subject land for the purpose of this assessment	Design	BMP
Removal of hollow-bearing trees	BIO05	Install 7 nest boxes or equivalent within the cadastral boundary of the site in remnant woodland. As a priority, the removed hollows should be retained to be re-installed on remnant trees within the site. Where this is not possible, nest boxes can be used.	Construction	BMP
Removal of potential habitat fauna (hollow-bearing trees) (for all	BIO06	Pre-clearance surveys to be conducted prior to removal of hollow-bearing trees (at the	Pre-construction	BMP

species including the Superb Parrot)		locations specified in the BDAR).		
Removal of potential habitat fauna (hollow-bearing trees) (for all species including the Superb Parrot)	BIO07	If the Superb Parrot is found to be utilising a hollow, a hollow inspection will be undertaken using an elevated work platform, tree climber and/or inspection camera. If eggs are present in the hollow, these eggs will be collected and provided to a wildlife carer for raising, prior to release. If hatchlings are present, removal of the hollow-bearing tree must be postponed until birds have fledged and left the hollow for the breeding season (September to December).	Pre-construction	BMP
Removal of logs and debris from the subject land	BIO08	Retain hollow logs, all rocks and debris to be used post construction in remnant woodland. These will be relocated outside of the subject land (within the cadastral boundary) in the remnant woodland to the east, south and west to retain species habitat and connectivity. Avoid relocation of rocks during Pink-tailed Legless Lizard breeding season (December to late March).	Post-construction	BMP
Removal of logs and debris from the subject land	BIO09	Pre-clearance surveys to be conducted immediately prior to removal of logs, rocks and debris.	Pre-construction	BMP
Indirect impacts on White Box woodland to be retained	BIO10	Retained trees will be marked for their protection during construction, where required. Markings will be monitored and reapplied where necessary during construction.	Pre-construction	BMP
Indirect impacts on White Box woodland to be retained	BIO11	All workers to be made aware of ecologically sensitive areas and the need to avoid impacts. This includes adjacent native vegetation.	Pre-construction	BMP

Erosion and sedimentation to the indirect impact area	BIO12	Sediment controls, including fencing and sediments traps, should be installed in any areas where works will occur in proximity to low lying vegetation. This includes along the boundary of the unnamed watercourse. avoid the spread of seed and other propagules.	Pre-construction	BMP
Weed introduction and spread	BIO13	Remove weeds prior to clearing. Weeds are to be stockpiled appropriately prior to removal from the subject land to avoid the spread of seed and other propagules.	Construction	BMP
Weed introduction and spread	BIO14	Weed hygiene protocols are in place prior to entering the subject land. This includes wash-down procedures to all plant and machinery.	Construction	BMP
Disturbance	BIO15	Monitor dust levels and implement suppression strategies where required such as wetting down dirt roads or reducing vehicle speeds.	Construction	BMP
Threatened species finds	BIO16	Have a threatened species protocol; for managing threatened species which may be found on site during construction.	Pre-construction Construction	BMP
Ground disturbance				
Ground disturbance	ACH01	All site personnel should be made aware that there are registered Aboriginal sites within the vicinity of the project area and therefore must not undertake ground disturbance outside of approved areas. Appropriate signage and temporary fencing should be erected around AHIMS 36-4-0203 to ensure no inadvertent impacts occur to this site.	Prior to ground disturbance	EMS BMP, AHMP
Impact to known heritage items	ACH02	Appropriate signage and temporary fencing should be erected around AHIMS 36-4-	Pre-construction	UFP BoP AHMP

		0203 to ensure no inadvertent impacts occur to this site.		
Reporting and record keeping	ACH03	Prior to ground disturbance an Aboriginal cultural heritage management plan (ACHMP) must be developed by a heritage specialist in consultation with the Aboriginal stakeholders and consent authority to provide the post-approval framework for managing Aboriginal heritage within the project area. The ACHMP should include the following aspects: • • A workshop between the archaeologists and the RAPs prior to undertaking the ACHMP to develop the approach to the document as requested by WVWAC during the ACHA review period. • Liaise with the RAPs in developing suitable visual strategies to minimise impacts of the project to the broader cultural landscape (e.g. cultural plantings, screening, paint styles, etc). • Process, timing, and communication methods for maintaining Aboriginal community consultation and participation through the remainder of the project. • Description and methods for undertaking further Aboriginal heritage assessment, investigation and mitigation of any areas of the project area that have changed following completion of the Aboriginal heritage assessment and/or during the final design and	Pre-construction	UFP BoP AHMP

		construction phases of the project. • Procedures for managing the unexpected discovery of Aboriginal objects, sites and/or human remains during the project and delivered through an Aboriginal Cultural Heritage Induction Program developed and delivered by the RAPs onsite to ensure culture, heritage and artefactual materials are identified and managed appropriately • Procedures for the curation and long-term management of cultural materials if recovered as part of unexpected finds. • Processes for reviewing, monitoring, and updating the AHMP as the project progresses.		
Reporting and record keeping	ACH04	The Construction Environment Management Plan (CEMP), or equivalent, should reinforce how the cultural landscape is considered throughout the project and detail the rehabilitation of the project area. This should be undertaken in consultation with the RAPs. The CEMP should be distributed to the RAPs for their records.	Pre-construction	UFP BoP AHMP
Consultation	ACH05	Consultation should be maintained with the RAPs during the finalisation of the assessment process and throughout the construction phase of the project. Details for how this consultation should be undertaken will be outlined in the ACHMP.	Pre-construction	UFP BoP AHMP

Consultation	ACH06	A copy of the ACHA should be lodged with AHIMS and provided to each of the RAPs.	Pre-construction	UFP BoP AHMP
Information management	ACH07	Where the heritage consultant changes through the project, suitable hand over should occur to minimise loss or mistranslation of the intent of the information, findings and future steps in heritage management.	Pre-construction	UFP BoP AHMP
Noise and vibration				
Construction noise and vibration	NV01	Regular reinforcement (such as at toolbox talks) of the need to minimise noise and vibration amongst construction personnel.	Construction	EMS BoP CEMP
Construction noise and vibration	NV02	Use of portable radios, public address systems or other methods of site communication that may unnecessarily impact upon nearby residents will be avoided.	Construction	EMS BoP CEMP
Construction noise and vibration	NV03	Routes for the delivery of materials and parking of vehicles to minimise noise will be developed.	Construction	EMS BoP CEMP
Construction noise and vibration	NV04	Where possible, use of equipment that generates impulsive noise will be avoided.	Construction	EMS BoP CEMP
Construction noise and vibration	NV05	Nearby residents will be notified prior to the commencement of intensive works.	Construction	EMS BoP CEMP
Plant and equipment noise and vibration	NV06	Where possible, quieter plant and equipment based on the optimal power and size to most efficiently perform the required tasks will be selected.	Design and construction	EMS BoP CEMP
Plant and equipment noise and vibration	NV07	Plant and equipment to be operated in the quietest and most efficient manner.	Design and construction	EMS BoP CEMP
Plant and equipment noise and vibration	NV08	Plant and equipment will be regularly inspected and maintained to minimise noise and vibration level increases and to ensure that all noise	Construction and operation	EMS BoP CEMP

		and vibration reduction devices are operating effectively.		
Operational noise and vibration	NV09	To address the residual noise exceedance at R1 negotiations have commenced between the applicant and the landholder for treatment to the dwelling (upgraded glazing and where necessary alternative ventilation) to ensure equivalent internal noise levels are achieved (-10dB or more) below the relevant external PNTL and will be documented in the form of a negotiated agreement. It is recommended that the treatment to the dwelling contained in the agreement be implemented during the early stages of Phase 1 construction in order to further mitigate construction noise impacts.	Construction and operation	EMS BoP CEMP BoP OEMP
Operational noise and vibration	NV10	During the detailed design phase of the project all plant and equipment will be reviewed to ensure noise levels predicted in the NVIA can be achieved through: • selection of plant and equipment; • site layout and orientation of equipment; • provision of acoustic barrier (wall/retaining wall and batter or earth mounds) four metres in height to the north, east, south and west with site access provision provided in north-west corner; • utilisation and operational procedures consistent with the assumptions in this NVIA;	Design	EMS BoP CEMP

		• consideration of additional earth mound to the north-east three metres in height adjacent the Twelve Mile Road site boundary; or • a combination of the above measures.		
Operational noise and vibration	NV11	An EMP will be prepared to manage environmental impacts during the operational phase of the project. For operations, the EMP will address noise management and mitigation options (where required) prior to commencement of operations. The EMP will outline a procedure to: • Measure operational noise levels at early stages during commissioning or within 3 months of operation to validate • the predicted operational noise levels. • Re-evaluate the predicted operational noise levels at assessment locations, and where required review noise • management, mitigation measures and site management to reduce levels where required. This may include (but is • not limited to): – equipment noise controls; – provision of additional or amended acoustic barriers; – at receiver noise treatment; – negotiated agreement; and	Pre-construction	EMS BoP CEMP

		– measuring operational noise levels at assessment locations, especially during the evening and night-time period, if relevant, and implementing further noise management and mitigation measures where an exceedance of approved noise levels is identified.		
Historic Heritage				
Unexpected finds	HER01	If unexpected finds of historical nature are discovered during work, work within 5 m of the find must cease and the any following steps taken: • an archaeologist will be contacted to assess the find, where relic moderate to high potential to be a relic (this may require additional); • if the find is determined to be a relic, a s146 (of the *Heritage Act*) is to be forwarded to the Heritage Council who will be consulted on the appropriate management measure; and • if the find is assessed and is not a relic, work inside the area that was made a no-go area can re-commence."	Construction and operation	UFP BoP AHMP
Human remains	HER02	In the event that known or suspected human remains (generally in skeletal form) are encountered during the activity, the following	Construction and operation	UFP BoP AHMP

		procedure will be followed immediately upon discovery: • all work in the immediate vicinity will cease and the find will be immediately reported to the work supervisor who will advise the Environment Manager or other nominated senior staff member; • the Environment Manager or other nominated senior staff member will promptly notify the police (as required for all human remains discoveries); • the Environment Manager or other nominated senior staff member will contact Heritage NSW for advice on identification of the human remains; • if it is determined that the human remains are Aboriginal ancestral remains, the Local Aboriginal Land Council will be contacted, and consultative arrangements will be made to discuss ongoing care of the remains; and • if it is determined that the human remains are not Aboriginal ancestral remains, further investigation will be conducted to determine if the remains represent a historical grave or if		

		police involvement is required.		
Hazards and Risks				
Offsite safety incidents	HAZ01	AMPYR to consult with Fire and Rescue NSW (FRNSW) during detailed design of the facility to ensure that the relevant aspects of fire protection measures have been included. These may include: 1. type of firefighting or control medium; and 2. demand, storage and containment measures for the medium. The above aspects will form an input to the Fire Safety Study which may be required as part of the development consent conditions, for review and approval by FRNSW.	Design	EMS BoP CEMP FSS BoP INP BoP PERP
Offsite safety incidents	HAZ02	AMPYR to review the investigation reports on the Victorian Big Battery Fire (occurred on 31 July 2021) and implement relevant findings for the project. The publicly available investigation reports include: • Energy Safe Victoria: Statement of Technical Findings on fire at the Victorian Big Battery. • Fisher Engineering and Energy Safety Response Group: Report of Technical Findings on Victorian Big Battery Fire.	Design	EMS BoP CEMP FSS BoP INP BoP PERP
Land Resources				
Impacts to land and soil capability	LR01	As part of the CEMP, soil management measures are recommended to ensure the preservation of soil resources, including:	Design	EMS BoP CEMP BoP ESCP BoP LMP

		• assessment of topsoil depths to be stripped prior to stripping to minimise the mixing of topsoil and subsoil; • attempt to strip and manage different soil types separately; • avoid mixing topsoil with subsoil during stripping operations; • avoid stripping topsoil following heavy rain periods that leaves the soil structure saturated; • avoid compaction of topsoil during stripping and stockpiling operations; • amelioration of topsoil and, where necessary, subsoil during stripping operations in accordance with a soil scientists recommendations. Ameliorants should be applied prior to stripping of their respective layers, to maximise mixing of the ameliorants during the stripping process; • stockpile topsoil separately from subsoil (if it is necessary to strip subsoil); • where practical and possible, the subsoils and topsoils should be located so that stockpiled material is placed on the same underlying soil unit; protection of stockpiles from		

		erosion using soil stabilising polymers, cover crops or other forms of stabilisation; • revegetation of long-term topsoil stockpiles with native plant community types to minimise stockpile water logging, the generation of anaerobic conditions, help maintain topsoil biological viability and to create a seed store; and • test stockpiled subsoil and topsoil to determine amelioration requirements prior to reinstatement.		
Erosion and sedimentation	LR02	Drainage and landform design to: • avoid concentration of flow and maintain sheet flow conditions where practicable; • avoid excavating drains in dispersive soils and locate roads, hardstands and pads to utilise the natural slope so that water drains away as required • maintain the velocity of flows below 0.3m/s; • avoid the use of structures that pond water and can cause tunnel erosion such as check dams and channel banks in concentrated flows and benches on cut and fill batters;	Design	EMS BoP CEMP BoP ESCP

		• use back-push diversion in lieu of channel banks if it is necessary to divert flow; • ameliorate dispersive soils particularly in cable trenches and fill embankments where there is a high risk of tunnel erosion; and • use high efficiency sediment basins (Type B) with flow activated dosing systems to treat turbid runoff to protect downstream receivers.		
Land disturbance extent and duration	LR03	As part of the CEMP, land disturbance processes will be developed to ensure unnecessary land disturbance does not occur, including provision for site inspection by the site Environmental Manager or delegate prior to disturbance to identify any necessary environmental, cultural, drainage and erosion and sediment controls are planned and implemented as required.	Design	EMS BMP BoP CEMP BoP ESCP
Land disturbance extent and duration	LR04	Initial earthworks and major land disturbing activities to avoid high rainfall erosivity period (summer storm season) November through to March where practical to minimise erosion. Where major land disturbing works need to occur in high rainfall erosivity periods then a commensurate level of erosion and sediment control will be adopted.	Design	EMS BMP BoP CEMP BoP ESCP
Land disturbance extent and duration	LR05	The timing of stabilisation and rehabilitation works are to consider: • proximity to sensitive receptors	Design	

		• soil erosivity; • slope gradient and length; • time of year (rainfall risk); and • site access.		
Water movement through the site	LR06	Clean upslope run-on should be diverted around areas of ground disturbance to minimise the erosion potential and volume of turbid runoff that needs to be treated.	Design	EMS BMP BoP CEMP BoP ESCP
Water movement through the site	LR07	Access tracks should be designed and constructed to avoid the concentration of flow where possible. The roads should have a crowned profile in most instances with a minimum cross fall of 4% to minimise the formation of corrugations, with infall and outfall drainage only where necessary.	Design	EMS BMP BoP CEMP BoP ESCP
Water movement through the site	LR08	Track drainage should be turned out using back push diversion banks or trapezoidal mitre drains where possible. Drains will need to be lined (generally rock) where flow velocities exceed the maximum permissible velocity of the soil.	Design	EMS BMP BoP CEMP BoP ESCP
Water movement through the site	LR09	Track surfaces should be stabilised using a soil stabilising polymer emulsion design to minimise erosion, turbid runoff, dust emissions, watering and maintenance.	Design	EMS BMP BoP CEMP BoP ESCP
Water movement through the site	LR10	The waterway crossings should be a low-level concrete causeway with low flow culverts and a stilling pond type energy dissipator to minimise erosion of the watercourse downstream of the crossing.	Design	EMS BMP BoP CEMP BoP ESCP
Water movement through the site	LR11	Early installation of the causeway should be a priority during track construction to	Construction	EMS BMP BoP CEMP

		allow the safe passage of clean run- on water.		BoP ESCP
Water movement through the site	LR12	Rainfall falling onto the roofs of offices and workshop facilities is clean water and should be captured using gutters and stored in tanks for re-use and overflows directed away from active construction areas.	Operation	EMS BoP OEMP BoP ESCP
Water movement through the site	LR13	Turbid water runoff from the substation/BESS, laydown and where practicable, access tracks should be diverted to Type B sediment basins for treatment.	Design	EMS BMP BoP CEMP BoP ESCP
Water movement through the site	LR14	Sediment Basins should be constructed as a priority before any other land disturbances to maximise the capture of sediment and turbid runoff.	Construction	EMS BMP BoP CEMP BoP ESCP
Water movement through the site	LR15	Fuel storages should be self-bunded and other hydrocarbon and chemical storages bunded in accordance with AS1940.	Design	EMS BMP BoP CEMP BoP ESCP
Stabilisation	LR16	Progressive stabilisation and rehabilitation of disturbed areas should be undertaken to minimise erosion and the generation of sediment and turbid runoff. Due to the gentle slope gradients on site and presence of suitable quality topsoil, bonded fibre matrix hydro-mulches (BFM) are considered appropriate for site rehabilitation purposes. For slopes steeper than 1:2 a hydraulically applied growth medium (HGM) is recommended.	Construction	EMS BMP BoP CEMP BoP ESCP
Stabilisation	LR17	Ensure that non-water soluble, mineral based, biologically inoculated fertilisers are used in any revegetation works to not impact on background	Construction	EMS BMP BoP CEMP BoP ESCP

		landowners participating in organic or carbon farming initiatives.		
Sediment retention	LR18	Type B high efficiency sediment basins with flow activated dosing systems are recommended where calculated soil loss exceeds 150 t/ha/y (Substation/BESS and Laydown Area) or control of turbidity is required to protect creek systems.	Design	EMS BMP BoP CEMP BoP ESCP
Sediment retention	LR19	In-stream sediment controls should be avoided where possible by scheduling works in creeks to avoid the summer storm season.	Construction	EMS BMP BoP CEMP BoP ESCP
Sediment retention	LR20	As part of the CEMP, water movement processes will be developed to minimise the potential for accidental turbid water discharge during pumping and dewatering activities on site.	Design	EMS BMP BoP CEMP BoP ESCP
Erosion and sedimentation	LR21	Drainage, erosion and sediment control measures at all times until their function is no longer required.	Construction and operation	EMS BMP BoP CEMP BoP ESCP
Erosion and sedimentation	LR22	Inspections of control measures need to be undertaken following rainfall that causes run-off or monthly during dry conditions.	Construction and operation	EMS BMP BoP CEMP BoP ESCP
Erosion and sedimentation	LR23	Inspections should be undertaken by the site Environmental Manager or delegate. That person shall have the following knowledge: • an understanding of site environmental values that could be impacted by site construction and operation; • an understanding of the requirements of the Ministers Conditions of Approval and	Construction and operation	EMS BMP BoP CEMP BoP OEMP BoP ESCP

		Environmental Protection Licence that are relevant to drainage, erosion and sediment control; • a good working knowledge of drainage, erosion and sediment control fundamentals and the project specific application thereof; • ability to provide advice and guidance on appropriate measures and procedures to maintain the site at all times in a condition representative of regionally specific best practice, and that is reasonably likely to achieve the required standards; and • a good working knowledge of the correct installation, operation and maintenance procedures for the full range of drainage, erosion and sediment control measures used on the project.		
Erosion and sedimentation	LR24	Control measures to be maintained to the maximum practicable extent so that control measures: • will best achieve the sites required environmental protection including achieving the water quality criteria specified in the Environmental Protection Licence in	Construction and operation	EMS BMP BoP CEMP BoP OEMP BoP ESCP

		the nominated design storm event; • are in accordance with the specified operational standard for each drainage, erosion and sediment control measure; and • prevents or minimises safety risks.		
Erosion and sedimentation	LR25	All water, debris and sediment removed from control measures shall be disposed of in a manner that will not create an erosion or pollution hazard.	Construction and operation	EMS BMP BoP CEMP BoP OEMP BoP ESCP
Erosion and sedimentation	LR26	It is recommended that a hierarchical ESC planning system be adopted for construction and operation of the project consisting of an overarching project wide ESCP with Progressive ESCP's for all disturbance areas to ensure that the projects ESCP's are living documents that can and will be modified as site conditions change, or if the adopted control measures fail to achieve the desired treatment standard.	Design	EMS BMP BoP CEMP BoP ESCP
Erosion and sedimentation	LR27	The ESCP's are recommended to be prepared and certified by a suitably qualified and experienced Certified Professional in Erosion and Sediment Control.	Design	EMS BMP BoP CEMP BoP ESCP
Erosion and sedimentation	LR28	If a site inspection or environmental monitoring identifies a significant failure of the adopted drainage, erosion and sediment control measures, a critical evaluation of the failure should be undertaken to determine the cause and appropriate modifications made to the control measures on site and ESCP's amended.	Construction and operation	EMS BMP BoP CEMP BoP OEMP BoP ESCP

Erosion and sedimentation	LR29	All project personnel including contractors are recommended to have an appropriate level of drainage, erosion and sediment training. Three levels of competency training for personnel are recommended: Level 1 – basic awareness level training and provided during the site induction. Level 2 – half day training for foreman, engineers, project managers etc on the legal aspects of drainage, erosion and sediment control, fundaments and site-specific strategies, techniques and requirements. Level 3 – detailed one day training course where drainage, erosion and sediment control is a regular component of their daily activities and competence is required.	Construction and operation	EMS BMP BoP CEMP BoP OEMP BoP ESCP
Social				
Amenity related to traffic noise	SOC01	Implement ongoing community engagement mechanism (i.e. dedicated project phone number and email), which provides the opportunity for stakeholders to raise complaints, grievances, and provide feedback.	Construction and operation	EMS BMP BoP CEMP BoP OEMP
Community related to community investment, social cohesion, and resilience	SOC02	Develop funding and grant opportunities within the local and regional area where need is determined.	Pre-construction and operation	EMS AES
Community related to community investment, social cohesion, and resilience	SOC03	Develop a strategy for the enhanced identification and implementation of shared value opportunities within the local area.	Pre-construction and operation	EMS AES
Community related to community investment, social	SOC04	Utilise a community and stakeholder engagement strategy to facilitate funding	Pre-construction and operation	EMS AES

cohesion, and resilience		decisions that are informed by the local community, including regular meetings with local MP's, Dubbo Regional Council, local community groups, and local community members.		
Public safety related to increased traffic on Goolma Road and through Goolma Road and Twelve Mile Road intersection	SOC05	Action the recommendations of the TIA to improve road safety objectives along the Goolma Road.	Pre-construction and operation	TMP EMS
Public safety related to increased traffic on Goolma Road and through Goolma Road and Twelve Mile Road intersection	SOC06	Liaise with Dubbo Regional Council and TfNSW to explore the potential and utility of a reduction in the speed limit along Pre-construction and Goolma Road as well as for an increase in road maintenance. AMPYR should look to implement a corporate policy that construction restricts its heavy vehicle fleet to travelling a maximum of 80 km/h along Goolma Road.	Pre-construction and operation	TMP EMS
Public safety related to increased traffic on Goolma Road and through Goolma Road and Twelve Mile Road intersection	SOC07	Implement driver inductions, including a driver code of conduct, requiring compliance with road safety procedures and prohibiting unsafe driving practices such as tailgating, convoying, and speeding. Explore carpooling and utilisation of a bus service as a way to mitigate public safety impacts and manage driver fatigue.	Pre-construction and operation	TMP EMS BoP CEMP BoP OEMP
Public safety related to increased traffic on Goolma Road and through Goolma Road and Twelve Mile Road intersection	SOC08	Continue community engagement to monitor compliance with road safety measures and encourage local residents to report any instances of unsafe driving of construction vehicles using community engagement grievance mechanisms.	Pre-construction and operation	TMP EMS BoP CEMP BoP OEMP
Public safety related to increased traffic on Goolma Road and	SOC09	Implementing a risk prevention strategy to limit heavy vehicle traffic occurring	Pre-construction and operation	TMP EMS BoP CEMP

through Goolma Road and Twelve Mile Road intersection		along the school bus route during school commuting times. The school bus route occurs between 7.52 am – 8.47 am and 3.07 pm – 4.18 pm and it is recommended that heavy vehicles are restricted from travelling during these times. As a precaution, AMPYR should ensure that there is a reduction in heavy vehicle speed along the school bus route on Goolma Road during school commuting hours.		BoP OEMP
Public safety related to increased traffic on Goolma Road and through Goolma Road and Twelve Mile Road intersection	SOC10	Liaison between the proponent, TfNSW, local Council and the bus operator is recommended to establish safe rural bus stops to enable the bus to draw fully off the road in conjunction with school bus zone signage.	Pre-construction and operation	TMP EMS BoP CEMP BoP OEMP
Public safety related to increased traffic on Goolma Road and through Goolma Road and Twelve Mile Road intersection	SOC11	Implementation a Driver's Code of Conduct which would manage AMPYR's contribution to these safety issues. The Driver's Code of Conduct should include a requirement for all truck drivers to give way to school bus movements.	Pre-construction and operation	TMP EMS BoP CEMP BoP OEMP
Public safety related to increased traffic on Goolma Road and through Goolma Road and Twelve Mile Road intersection	SOC12	AMPYR to be involved in consultation with other developments in the area, namely the proponents of Wellington North Pre-construction and Solar Farm and Uungula Wind Farm as well as Dubbo Regional Council, Wellington schools and bus service operator to construction establish community meetings if required to serve as a consistent means of monitoring the safety of school bus route during construction.	Pre-construction and operation	TMP EMS BoP CEMP BoP OEMP

Public safety related to fire	SOC14	Action the recommendations stated in the PHA to mitigate any potential public safety risks stemming from fire hazards.	Pre-construction and construction	TMP EMS FSS BoP CEMP BoP OEMP BoP EMP
hazards	SOC15	Consult with Fire and Rescue NSW (FRNSW) during detailed design of the facility to ensure that the relevant aspects of fire protection measures have been included.	Pre-construction and construction	EMS FSS BoP CEMP BoP INP BoP PERP
Public safety related to fire	SOC16	Consult with the local Wellington Fire Service and the Rural Fire Service to implement a Fire Management Plan.	Pre-construction and construction	EMS FSS BoP CEMP BoP INP BoP PERP
Livelihood related to increased local employment opportunities	SOC17	Seek to appoint a construction contractor(s) who adopts a preferential approach to hiring which prioritises employment of workers with relevant skills residing within the local area, then the regional area, followed by hiring outside of these areas.	Pre-construction and construction	AES
Livelihood related to increased local employment opportunities	SOC018	The proponent and/or its construction contractor(s) to work with local employment, apprenticeship and training agencies to enhance the potential of hiring of local and regional workers thereby minimising the need to hire workers from outside of the local and regional areas.	Pre-construction and construction	AES
Livelihood related to increased local employment opportunities	SOC19	Partnership with local employment and training agencies could create specific benefits for at-risk youth and people struggling to find employment by providing direct employment opportunities.	Pre-construction and construction	AES
Livelihood related to increased local employment opportunities	SOC20	Provision of apprenticeship and training opportunities.	Pre-construction and construction	AES

Livelihood related to training and apprenticeship opportunities	SOC21	To maximise potential benefits, it is recommended that AMPYR and/or its construction contractor(s) partner with local employment training agencies to provision for apprenticeships and training programs that are tailored to the local community and promote skilled employment pathways for the project.	Pre-construction and construction	AES
Livelihood related to training and apprenticeship opportunities	SOC22	It is recommended that AMPYR and/or its construction contractor(s) explore the opportunity to sponsor the licenses required for employment in the construction industry, which would enable youth, particularly in the regional area, to gain meaningful employment as well as increase their employability.	Pre-construction and construction	AES
Livelihood related to training and apprenticeship opportunities	SOC23	Apprenticeship and employment opportunities can be further enhanced through the implementation of vocational education and training (VET) programs and work experience for schools in the local and regional area. This could encourage pathways to local employment, thereby encouraging youth retention.	Pre-construction and construction	AES
Traffic safety				
Traffic safety	T01	A BAL will be installed for left turning traffic from Twelve Mile Road westbound to site access road and a CHR(S) will be required for right turning traffic from Twelve Mile Road southbound to site access road.	Pre-construction	BMP
Traffic safety	T02	A detailed construction traffic management plan (CTMP) will be developed by the construction contractor in	Pre-construction	BMP

		consultation with Dubbo Regional Council prior to the commencement of works.		
Traffic safety	T03	Obtain a permit (from NHVR) to allow OSOM vehicles to use the road network as part of construction.	Pre-construction	BMP
Traffic safety	T04	Consider removal of tree hence allowing visibility to a greater distance. Construction stage traffic management measures such as warning signs for trucks entering (sign no. t2-25, to be confirmed in the CTMP).	Pre-construction	BMP
Visual				
Visual impacts	VIS01	Development of the project design has included and will continue to include general measures to reduce the degree of contrast between project infrastructure and the surrounding rural landscape, having regard to the form, scale, height, colour and texture of materials incorporated as part of the project.	Design	EMS BoP LMP
Visual impacts	VIS02	Where possible, suitable colours and finishes will be chosen for project infrastructure to minimise visual impacts (including glare/reflectivity), including the O&M buildings/facilities and the acoustic wall surrounding the BESS area. These buildings and materials will be designed to blend in with the local rural/farming landscape. If practicable, the wall may be painted in a neutral colour (e.g. khaki, beige, green or similar) rather than white, so as to better blend in with the local rural landscape.	Design	EMS BoP LMP
Visual impacts	VIS03	Landscaping to be installed along all boundaries of the	Design	EMS BoP LMP

		BESS compound in accordance with the conceptual landscape plan, including use of suitable vegetation species identified in the VIA. The final location and extent of landscaping will be determined during detailed design and following subsequent discussions with the property owners of R23 and local suppliers as part of preparation of the environmental management plan (EMP).		
Surface water				
Impacts to watercourses and riparian corridors	SW01	Final project layout to be adjusted, where possible, during detailed design to avoid encroachment into the inner 50% of the vegetated riparian zone along Watercourse A. This should apply to permanent works as well as any temporary works required during construction.	Design	EMS BoP CEMP BoP ESCP
Impacts to watercourses and riparian corridors	SW02	Detailed design to develop a bed level or culvert waterway crossing design for Watercourse A that is consistent with guidance in DoPI (2012).	Design	EMS BoP CEMP BoP ESCP
Impacts to water quality	SW03	Implementation of erosion and sediment control measures and site rehabilitation and revegetation in accordance with best practice. The LSEA (EMM 2020) describes a range of proposed measures for adoption. Proposed measures will be considered further and formalised as part of detailed design and documented in the CEMP. Access tracks to incorporate appropriate water quality treatment measures such as vegetated swales to minimise the opportunity of dirty water	Design and pre-construction	EMS BoP CEMP BoP ESCP

		leaving the site and entering waterways. Implementation of procedures for hazardous material storage and spill management to be prepared and documented within the CEMP.		
Flood impacts	SW04	Construction site planning at detailed design stage to: • consider flood risk and locate temporary site works, compounds, storage areas and plant/equipment away from flood prone areas where practicable; • ensure connectivity of temporary drainage to Watercourse A and retention of overland flow paths from the site; and • maintain riparian corridor setbacks along watercourses.	Design and pre-construction	EMS BoP CEMP BoP ESCP
Water security	SW05	A water supply work approval is to be obtained to convert the existing landholder bore to a water supply bore and a WAL is to be obtained for the required construction water take, should onsite groundwater sources be utilised to supplement other water sources.	Pre-construction	EMS BoP CEMP BoP ESCP
Impacts to watercourses and riparian corridors	SW06	Monitoring of watercourse and riparian corridor condition for Watercourse A immediately adjacent to the project will be undertaken at an appropriate frequency, with maintenance undertaken as required to minimise scouring and erosion in particular in the vicinity of the new watercourse crossing.	Construction and operation	EMS BoP CEMP BoP ESCP
Impacts to water quality	SW07	Continuation of erosion and sediment control and site	Construction and operation	EMS BoP CEMP

		rehabilitation and revegetation measures as appropriate, and monitoring and maintenance of ground cover vegetation and other stabilised surfaces throughout operation to limit erosion and transport of sediment to watercourses. The LSEA (EMM 2020) describes a range of proposed measures for adoption. Proposed measures will be considered further and formalised as part of detailed design and documented in the OEMP. Implementation of procedures for hazardous material storage and spill management to be prepared and documented within the OEMP.		BoP ESCP
Flood impacts	SW08	Detailed design of project to minimise potential for offsite flooding impacts up to and including 1% AEP event by: • ensuring finished ground levels are constructed at-grade and not materially higher than existing levels, in particular along potential hydraulic controls that could be formed by the proposed internal access roads; • maintaining connectivity of internal stormwater drainage to Watercourse A and retention of overland flow paths from the site; • incorporation of a detention function for the site water management basin, to maintain	Design	EMS BoP CEMP BoP ESCP

		predeveloped storm flows to existing conditions up to the 1% AEP event; and • maintaining riparian corridor setbacks along watercourses. Flood emergency management protocols and procedures to be developed and documented in a FERP (or equivalent).		
Water security	SW09	The WAL obtained for the required construction water take, will also be required to cover nominal water use for potential irrigation of the visual screening during operation.	Pre-operation	EMS BoP CEMP
Air Quality				
Reporting and record keeping	AQ01	Develop appropriate communications to notify the potentially impacted residences of the project (duration, types of works, etc), relevant contact details for environmental complaints reporting.	Pre-construction	EMS BoP CEMP
Reporting and record keeping	AQ02	A complaints logbook will be maintained throughout the construction phase which should include any complaints related to dust; where a dust complaint is received, the response actions should be detailed in the logbook.	Construction	EMS BoP CEMP
Reporting and record keeping	AQ03	Record any exceptional incidents that cause dust and/or air emissions, either on or off site, and the action taken to resolve the situation in the logbook.	Construction	EMS BoP CEMP
Reporting and record keeping	AQ04	Carry out regular site inspections, record inspection results, and make the logbook available for review as requested.	Construction	EMS BoP CEMP

Dust	AQ05	Erect shade cloth barriers to site fences around potentially dusty activities such as trench excavations and material stockpiles where practicable.	Construction	EMS BoP CEMP
Dust	AQ06	Keep site fencing and barriers clean using wet methods.	Construction	EMS BoP CEMP
Dust	AQ07	Deploy water carts to ensure that exposed areas and topsoils/subsoil are kept moist.	Construction	EMS BoP CEMP
Dust	AQ08	Provide an adequate water supply on the construction site for effective dust/particulate matter suppression/mitigation.	Construction	EMS BoP CEMP
Dust	AQ09	Modify working practices by limiting activity during periods of adverse weather (hot, dry and windy conditions) and when dust is seen leaving the site.	Construction	EMS BoP CEMP
Dust	AQ10	Minimise drop heights from loading or handling equipment.	Construction	EMS BoP CEMP
Site inspections – dust monitoring	AQ11	Undertaking daily on-site and off-site inspections, where receptors are nearby, to monitor dust. The inspection results should be recorded in a specific log. Inspection should include regular dust soiling checks of surfaces such as street furniture and cars.	Construction	EMS BoP CEMP
Site inspections – dust monitoring	AQ12	At the commencement of each day's activities, the local meteorological forecast should be reviewed, including the timing of notable increases in wind speed and/or temperature. Appropriate increased intensity or additional mitigation measures should be planned for the day based on this forecast review. The likely meteorological conditions and implications for dust emissions	Construction	EMS BoP CEMP

		and impacts should be discussed at the morning toolbox meeting.		
Site inspections – dust monitoring	AQ13	Increasing the frequency of site inspections when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions. Should notable visual dust emissions be observed leaving the site boundary, increased intensity or additional mitigation measures should be deployed.	Construction	EMS BoP CEMP
Site inspections – dust monitoring	AQ14	Undertaking daily on-site and off-site inspections, where receptors are nearby, to monitor dust. The inspection results should be recorded in a specific log. Inspection should include regular dust soiling checks of surfaces such as street furniture and cars.	Construction	EMS BoP CEMP
Site inspections – dust monitoring	AQ15	At the commencement of each day's activities, the local meteorological forecast should be reviewed, including the timing of notable increases in wind speed and/or temperature. Appropriate increased intensity or additional mitigation measures should be planned for the day based on this forecast review. The likely meteorological conditions and implications for dust emissions and impacts should be discussed at the morning toolbox meeting.	Construction	EMS BoP CEMP
Site inspections – dust monitoring	AQ16	Increasing the frequency of site inspections when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions. Should notable visual dust emissions be	Construction	EMS BoP CEMP

		observed leaving the site boundary, increased intensity or additional mitigation measures should be deployed.		
Speed limit	AQ17	Impose a maximum-speed-limit of 20 km/h on all internal roads and work areas during construction.	Construction	EMS TMP BoP CEMP
Vehicle fuel combustion emissions	AQ18	Ensure proper maintenance and tuning of all equipment engines.	Construction	EMS
Clearing	AQ19	Limit the extent of clearing of vegetation and topsoil to the designated footprint required for construction and appropriate staging of any clearing.	Construction	EMS BMP BoP CEMP
Exposed soils	AQ20	Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable.	Construction	EMS BMP BoP CEMP BoP ESCP
Materials handling	AQ21	Minimise drop heights from loading or handling equipment.	Construction	EMS BoP CEMP BoP BERP
Track out from vehicles	AQ22	Access gates to be located at least 10 m from receptors where possible.	Construction	EMS TMP BoP CEMP
Track out from vehicles	AQ23	Use water-assisted dust sweeper(s), to remove, as necessary, any material tracked out of the site onto public roads.	Construction	EMS TMP BoP CEMP
Track out from vehicles	AQ24	Avoid dry sweeping of large areas.	Construction	EMS TMP BoP CEMP
Track out from vehicles	AQ25	Ensure vehicle loads entering and leaving sites are covered to prevent escape of materials during transport.	Construction	EMS TMP BoP CEMP
Track out from vehicles	AQ26	Trips and trip distances should be controlled and reduced where possible, for example by coordinating delivery and removal of materials to avoid unnecessary trips.	Construction	TMP BoP CEMP
Contamination				
Contamination	CON01	An unexpected finds protocol will be developed and contained within the CEMP to		EMS BoP CEMP

		include procedures to identify potentially contaminated land, such as: • the observation of discolouration or staining of soils; • visible signs of plant stress, presence of drums or other waste material; • stockpiles or fill material, or odours. Where signs of contamination are identified whether from known or unexpected sources, construction work within the affected areas would cease until a contamination assessment was undertaken to advise the need for further investigation or remediation.		
Handling and storing waste	CON02	Procedures for handling and storing waste be developed and implemented and contained within the CEMP, including detail on the handling of potentially or known contaminated material and protocols for waste classification and disposal.	Duration of project	EMS BoP CEMP BoP ESCP
Waste				
Waste classification	W01	All waste will be assessed, classified, managed, and disposed of in accordance with the Waste Classification Guidelines (NSW EPA 2014).	Construction	EMS BoP CEMP
Reporting and recordkeeping	W02	a construction waste and resource management plan will be developed and contained within the CEMP to outline appropriate management procedures and include, but not be limited to: • identify waste types and volumes that are likely to be generated by the project;		EMS BoP CEMP

		• adherence to the waste minimisation hierarchy principles of avoid / reduce / reuse / recycle / dispose; • waste management procedures to manage the handling and disposal of waste, including unsuitable material or unexpected waste volumes; and • identification of reporting requirements and procedures for tracking of waste types and quantities.		

* Refer to Figure 1.3 for plan descriptions

Appendix C: Legislation and planning documents

Table E1 Key legislation, regulations and planning instruments

Statutory reference	Description (from EMM 2022)
State legislation and regulations	
Environmental Planning and Assessment Act 1979	The NSW *Environmental Planning and Assessment Act 1979* (EP&A Act) and EP&A Regulation provide the framework for environmental planning and assessment in NSW. Environmental planning instruments (EPIs) are established under the EP&A Act to regulate land use and development. EPIs determine the relevant part of the EP&A Act under which a development project must be assessed and therefore determine the need or otherwise for development consent. EPIs consist of SEPPs, regional environmental plans (REPs), and local environmental plans (LEPs).
Roads Act 1993	The NSW *Roads Act 1993* (Roads Act) is administered by Transport for NSW (previously Roads and Maritime Services (RMS)), local government or the Minister as delegated under the NSW Crown Land Management Act 2016 (CL Act). Transport for NSW has jurisdiction over major roads, local government over minor roads and the Minister over Crown roads. The Roads Act sets out the rights of the public in regard to access to public roads.
Biodiversity Conservation Act 2016	The NSW *Biodiversity Conservation Act 2016* (BC Act) establishes the regulatory framework for assessing and offsetting biodiversity impacts for proposed developments. The BC Act is also supported by the *Biodiversity Conservation Regulation 2017* (BC Regulation) and the *Biodiversity Conservation (Savings and Transitional) Regulation 2017*, which outline the methods to be used in applying the Biodiversity Assessment Methodology (BAM).
Fisheries Management Act 1994	The NSW *Fisheries Management Act 1994* (FM Act) governs the management of fish and their habitat within NSW and is administered by the Department of Primary Industries (DPI). The FM Act aims to conserve 'key fish habitats' (KFH) which includes aquatic habitats that are important to the maintenance of fish populations, the survival and recovery of threatened aquatic species and the sustainability of the recreational and commercial fishing industries.
Biosecurity Act 2015	The objective of the NSW *Biosecurity Act 2015* (BSA Act) is to provide a framework for the prevention, elimination and minimisation of biosecurity risks within NSW. The BSA Act outlines priority weeds that pose a risk to reducing the diversity of native plant and animal species. Under Schedule 1 of the Act all private landowners, occupiers, public authorities and Councils are required to control weeds on their land. Mid-Western Regional Council is the Local Control Authority responsible for administering the BSA Act in the region that applies to the study area.
National Parks and Wildlife Act 1974	The NSW *National Parks and Wildlife Act 1974* (NP&W Act) governs the management of national parks, historic sites, nature reserves, reserves, Aboriginal areas and state game reserves in NSW. The NP&W Act also provides for the protection of native flora and fauna.

Statutory reference	Description (from EMM 2022)
	The study area is not located within 10 kilometres of any nature reserve or forest protected under the NP&W Act.
Heritage Act 1977	The NSW *Heritage Act 1977* (Heritage Act) aims to protect and conserve the natural and cultural history of NSW, including scheduled heritage items, sites and relics. The Act defines 'environmental heritage' as those places, buildings, works, relics, moveable objects and precincts listed in the Local or State Heritage Significance register. A property is a heritage item if it is listed in the heritage schedule of the local Council's LEP or listed on the State Heritage Register (SHR), a register of places and items of particular importance to the people of NSW.
Water Management Act 2000	The NSW *Water Management Act 2000* (WM Act) regulates the use and interference of surface and groundwater in NSW where a water sharing plan has been implemented. The WM Act is progressively being implemented throughout NSW to manage water resources, superseding the Water Act 1912.
Crown Lands Management Act 2016	The NSW *Crown Lands Management Act 2016* sets out how Crown land is to be managed. In particular, specific use of Crown land generally needs to be authorised by a lease, licence or permit. Under Part 3 of the Act, the Minister for Lands must be satisfied that the land has been assessed in accordance with the principles of Crown land management by (amongst other matters) including an assessment of the capabilities of Crown land and the identification of suitable land uses.
Protection of the Environment Operations Act 1997	The NSW *Protection of the Environment Operations Act 1997* (POEO Act) is the principal NSW environmental protection legislation and is administered by the NSW Environment Protection Authority (EPA). Section 48 of the POEO Act requires an environment protection licence (EPL) to undertake scheduled activities at a premise.
Rural Fires Act 1997	The NSW *Rural Fires Act 1997* (RF Act) aims to prevent, mitigate, and suppress bush and other fires. Section 63(2) of the RF Act requires the owners of land to prevent the ignition and spread of bushfires on their land. Under Section 4.41 of the EP&A Act, a bush fire safety authority under Section 100B of the RF Act is not required for SSD that is authorised by a development consent
Local Land Services Act 2013	The NSW *Local Land Services Act 2013* (LLS Act) provides framework for the management of local land services and includes the requirement to obtain approval under Part 5A of the LLS Act to remove native vegetation in a regulated rural area. Pursuant to Section 60O of the LLS Act, clearing of native vegetation in a regulated rural area is authorised under Part 4 of the EP&A Act and an authorisation for clearing of native vegetation is not required for the project under the LLS Act.
Conveyancing Act 1919	The development footprint extends over many adjoining properties, each of which require a separate lease from the owners of the affected land. Lease of BESS site is treated as a lease of premises, regardless of whether the lease will be for more or less than 25 years. The plan defining 'premises' (being the development footprint) will not

Statutory reference	Description (from EMM 2022)
	constitute a 'current plan' within the meaning of Section 7A *Conveyancing Act 1919* (Conveyancing Act) and therefore will not require subdivision consent under Section 23G Conveyancing Act.
Mining Act 1992	The main objective of the NSW *Mining Act 1992* (Mining Act) is to encourage and facilitate the discovery and development of mineral resources in NSW, having regard to the need to encourage ecologically sustainable development.
Waste Avoidance and Resource Recovery Act 2001	The NSW *Waste Avoidance and Resource Recovery Act 2001* (WARR Act) includes resource management hierarchy principles to encourage the most efficient use of resources and to reduce environmental harm.
Commonwealth legislation	
Environment Protection and Biodiversity Conservation Act 1999	The Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) is the core piece of legislation protecting Matters of National Environmental Significance (MNES) and Commonwealth land.
Native Title Act 1993	The *Native Title Act 1993* (Native Title Act) was enacted to formally recognise and protect native title rights in Australia. The Native Title Act establishes processes to determine where native title exists, how future activity affecting upon native title may be undertaken, and to provide compensation where native title is impaired or extinguished. Where a native title claimant application is made with the National Native Title Tribunal (NNTT), the Federal Court or High Court of Australia make a determination of whether native title does or does not exist in relation to the claim.
Environmental planning instruments	
State Environmental Planning Policy (State and Regional Development) 2011	The State Environmental Planning Policy (SEPP) (State and Regional Development) 2011 determines that the project is classified as an SSD.
State Environmental Planning Policy (Infrastructure) 2007	The SEPP (Infrastructure) 2007 allows for the development of energy projects with consent even on land prescribed for primary production.
State Environment Planning Policy No. 33 (Hazardous and Offensive Development)	State Environmental Planning Policy No 33 – Hazardous and Offensive Development (SEPP 33) requires that a preliminary hazard assessment (PHA) be prepared in accordance with the current circulars or guidelines for potentially hazardous or offensive development.
State Environmental Planning Policy No 55 – Remediation of Land (SEPP 55)	State Environmental Planning Policy No 55 – Remediation of Land (SEPP 55) provides a State-wide planning approach to the remediation of contaminated land and aims to promote the remediation of contaminated land for the purpose of reducing the risk of harm to human and environmental health. Clause 7 of SEPP 55 requires that a

Statutory reference	Description (from EMM 2022)
	consent authority take into consideration whether the land is contaminated prior to issuing development consent.
State Environmental Planning Policy (Primary Production and Rural Development) 2019	The State Environmental Planning Policy (Primary Production and Rural Development) 2019 (SEPP PP&RD) aims to facilitate the orderly and economic use and development of rural lands for primary production related purposes and reduce land use conflict and sterilisation of rural lands.
State Environmental Planning Policy – Koala Habitat Protection 2019 (now – Koala Habitat Protection 2020 and 2021)	The State Environmental Planning Policy (Koala Habitat Protection) 2019 (SEPP Koala Habitat) aims to encourage the proper conservation and management of areas of natural vegetation that provide habitat for koalas. It applies to land to which an approved koala plan of management applies, or land identified on the Koala Development Application Map and with an area of greater than 1 ha (including adjoining land within the same ownership), and in LGAs listed in Schedule 1 of SEPP Koala Habitat.
State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007	The State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007 (SEPP Mining) is designed to provide for the proper management and development of mineral, petroleum and extractive material resources and establish appropriate planning controls to encourage ecologically sustainable development through environmental assessment and management.
Mid-Western Regional Local Environmental Plan 2012	The project is located entirely within the Mid-Western Regional Council LGA and is subject to the Mid-Western Regional Local Environmental Plan 2012 (LEP). The study area is zoned as 'Primary Production (RU1)' under the LEP.
Development control plans	
Mid-Western Regional Development Control Plan 2013	The Mid-Western Regional Development Control Plan 2013 (the DCP) compliments the Mid-Western Regional Local Environmental Plan 2012 (the LEP) and provides detailed requirements to guide development in the Mid-Western Regional Council LGA. The DCP was adopted by Mid-Western Regional Council on 6 February 2013 and commenced operation on 11 February 2013. Amendment 4 to the plan was adopted on the 19 June 2019 and commenced operation on 21June 2019.

Appendix D:
AMPYR consultation with DPHI

Date	Ampyr	DPHI	Content
22/01/2025	A. Yates A. Winter	K. Weekes K. Halliday	Teams Meeting Update DPHI of sole Ampyr ownership following dissolution of JV. General project status update. Discussion on DPHI requirements re structure and content of Plans.
29/01/2025	A. Yates A. Winter	K. Weekes K. Halliday	Email Correspondence Advice regarding Condition B29 and the timing of the Fire Safety Study. Suggested a meeting with DPHI hazards assessment group to discuss draft report *(to be arranged)*.
30/01/2025	A. Winter	K. Weekes K. Halliday	Email Correspondence Communication regarding updates to WSBESS project space on Planning Portal, including withdrawal of AES lodged in error.
19/02/2025	A. Winter	K. Halliday	Teams Meeting General project status update. Discussion on expected timing and status of Plans.
25/03/2025	A. Winter	K. Halliday	Telephone Call Notice of imminent lodgement of Plans of DPHI Portal.