ENVIRONMENTAL MANAGEMENT STRATEGY

Maragle 330kV Switching Station and 330kV Transmission Line Connections

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ACRONYMS AND ABBREVIATIONS

Term	Definition
BCS	Biodiversity, Conservation and Science Directorate
BMP	Biodiversity Management Plan
CEMP	Construction Environmental Management Plan
COA	Conditions of Approval
CLMP	Contaminated Land Management Plan
CSSI	Critical State Significant Infrastructure
DCCEEW	Department of Climate Change, Energy, the Environment and Water
DPE	Department of Planning and Environment
DPI	Department of Primary Industries
EP&A Act	*Environmental Planning and Assessment Act 1979*
EPA	Environment Protection Authority
EPBC	*Environment Protection and Biodiversity Conservation Act 1999*
EP	Emergency Plan
EMP	Environmental Management Plan(s)
EMS	Environmental Management System (or Strategy)
FCNSW	Forestry Corporation NSW
FRNSW	Fire and Rescue NSW
HMP	Heritage Management Plan
HSSE	Health, Safety, Security and Environment
KM	Kilometres
KNP	Kosciuszko National Park
KV	Kilovolts
MW	Megawatt
MWH	Megawatt hours
NEM	National Electricity Market
NPWS	National Parks and Wildlife Service
NRAR	Natural Resources Access Regulator
NSW	New South Wales
NVMP	Noise and Vibration Management Plan
RFS	Rural Fire Service
RMP	Rehabilitation Management Plan
UGL	UGL Engineering Pty Ltd
SEP	Site Environmental Plan
SHL	Snowy Hydro Limited
SMP	Spoil Management Plan
SWMP	Soil and Water Management Plan
TARP	Trigger Action Response Plan
TTMP	Traffic and Transport Management Plan
WHS	Work Health and Safety

1 INTRODUCTION

1.1 BACKGROUND

In 2020, Snowy Hydro Limited (SHL) obtained approval (application number SSI 9208 and EPBC 2018/8322) to expand the existing Snowy Mountains Hydro-electric Scheme (Snowy Scheme), by linking the existing Tantangara and Talbingo reservoirs through a series of underground tunnels and constructing a new underground hydro-electric power station (referred to as 'Snowy 2.0'). Snowy 2.0 is expected to increase the generation capacity of the Snowy Scheme by almost 50%, by providing an additional 2,000 megawatts (MW). At full capacity Snowy 2.0 will provide approximately 350,000 megawatt hours (MWh) (175 hours) of large-scale energy storage to the National Electricity Market (NEM). This will be enough to ensure the stability and reliability of the NEM, even during prolonged periods of adverse weather conditions.

To connect Snowy 2.0 to the NEM, a new transmission connection is required. NSW Electricity Networks Operations Pty Ltd as a trustee for NSW Electricity Operations Trust (known as Transgrid and the Proponent) have approval to construct a substation and overhead transmission lines ('the Project') to facilitate the connection of Snowy 2.0 to the existing electrical transmission network, approximately 27 kilometres (km) east of Tumbarumba.

The Project was declared Critical State Significant Infrastructure (CSSI) under the *State Environmental Planning Policy (State and Regional Development) 2011* as part of the CSSI declaration for the Snowy 2.0 and Transmission Project in clause 9 of Schedule 5. An Environmental Impact Statement (EIS) was prepared by Transgrid under Part 5, Division 5.2 of the NSW *Environmental Planning and Assessment Act 1979* to assess the environmental impacts of the proposed Project.

In response to submissions made during exhibition of the EIS, a Submissions Report and Amendment Report was prepared by Transgrid (2021a, 2021b). The submissions resulted in changes to the Project design, additional assessments and updates to safeguards and management measures outlined in the EIS.

Transgrid advised development approval on the Project (SSI 9717) on 14th September 2022 as received from the Minister of Planning.

The Project has also been subject to approval under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Approval was granted by the Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW) on 21st October 2022 (EPBC 2018/8363).

An Environment Protection Licence (EPL) for the Project premises was issued to Transgrid by the NSW Environment Protection Authority (EPA) on 23rd December 2022 under the *Protection of the Environment Operations Act 1997* (POEO Act). This EPL requirement was triggered under Schedule 1 of the Protection of the Environment Operations (General) Regulation 2022 due to extractive activities required during construction.

A Staging Approval Request was submitted and approved by the Planning Secretary on 18 November 2022 in accordance with COA C3 of SSI-9717 for the delivery of relevant plans and strategies for the Project in two stages:

- Stage 1 – All activities associated with the construction and operation of infrastructure related to the 330kV grid connection; and
- Stage 2 – All activities associated with the construction and operation of infrastructure related to the 500kV component of the substation.

Transgrid (the Proponent) has engaged UGL Projects Division (UGL) as the Principal Contractor to construct the Maragle 330kV Switching Station and 330kV Transmission Line Connection Project as part of the broader Snowy 2.0 Project.

1.2 PURPOSE

This Environmental Management Strategy (EMS) presents the framework for environmental management for construction works carried out by UGL as part of the Maragle 330kV Switching Station and 330kV Transmission Line Connection Project approved under SSI 9717. It provides a link between

the planning approval phase, detailed design and the construction environmental management documentation. This EMS sets out Transgrid's expectations for UGL's environmental management for the Project. UGL are required to implement and adhere to the requirements of this EMS.

This EMS has been developed to address the conditions of approval (CoA) for the Project, specifically:

- Provides a strategic framework for environmental management of the Project;
- Identifies the statutory approvals that apply to the Project (Section 6, Appendix A);
- Describes the role, responsibilities, authorities, and accountabilities of all key personnel involved in the environmental management of the Project (Section 3.10);
- Sets out procedures to be implemented:
    - To keep the local community and relevant agencies informed about the operation and environmental performance of the Project (Section 4);
    - Receive, handle respond to and record complaints (Section 4.2);
    - Resolve any disputes that may arise (Section 4.2);
    - Respond to any non-compliances (Section 3.9); and
    - Respond to emergencies (Section 3.7)
- Includes:
    - References to any strategies, plans and programs approved under the COA (Section 6); and
    - A clear plan outlining all the monitoring to be carried out in relation to the Project including reporting obligations (Section 3.8).

The implementation of this EMS will ensure all reasonable and feasible measures are employed during works to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction of the development. This EMS represents an overarching document for the Project, with specific environmental management requirements and compliance assurance addressed in the CEMP and relevant subplans.

1.3 STATUS

Refer to the revision table on the title page of this EMS, which is updated as required. All versions of the EMS will form part of the contract requirements for UGL. The EMS will continue to be updated by Transgrid and form part of the contract requirements of the Project.

1.4 THE PROJECT

The Project is located within both Kosciuszko National Park (KNP) and Bago State Forest, approximately 47 kilometres (km) east of the township of Tumbarumba, NSW. An indication of Project location is included in Figure 1-1.

The key elements of the Project include:

- A new 330 kilovolt (kV) Switching Yard located within Bago State Forest and adjacent to Transgrid's existing Transmission Line 64 (Line 64);
- Two 330 kV double-circuit overhead transmission lines, approximately nine kilometres long, linking the Snowy 2.0 cable yard in KNP to the new substation;
- A short overhead transmission line connection between the substation and Line 64;
- Construction of new access tracks and upgrade of existing access tracks where required to facilitate the construction of the transmission lines and substation and service ongoing maintenance activities; and
- Establishment of temporary sites and infrastructure needed during construction including crane pads, site compounds, equipment laydown areas, and tensioning and pulling sites for the stringing of overhead conductors and earthwires.

The 500kV substation approved as part of SSI 9717 is not currently part of UGL's scope of works for the Project and is not addressed in this EMS or associated subplans.

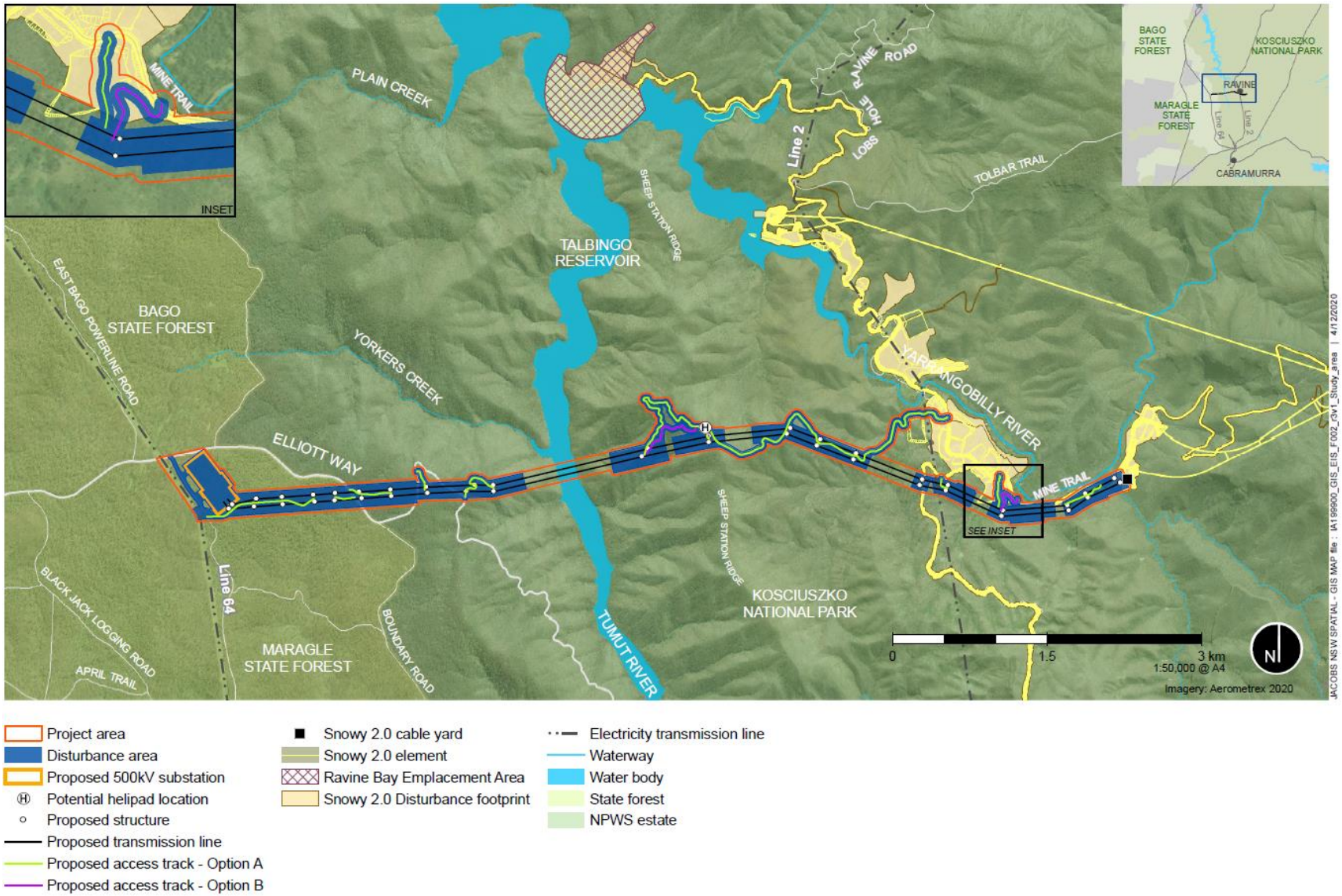

Figure 1-1 Project location and footprint (Jacobs, 2021)

2 LEGISLATIVE AND OTHER REQUIREMENTS

This EMS has been developed in accordance with the:

- Key legislative requirements;
- Project Approval documentation;
- Transgrid's Environmental Policy;
- UGL's Environmental Management System;
- Standards and guidelines;
- Detailed design;
- Transgrid's policies and procedures.

All activities undertaken in the delivery of the Project must comply with the conditions of Project approvals and the provisions of the legislation. The EMS will be updated to reflect Project COA, and other permits, approvals and licences when available and required.

2.1 PROJECT APPROVAL PROCESS

On 7 March 2018 the NSW Minister for Planning declared Snowy 2.0 to be Critical State Significant Infrastructure (CSSI reference 18-9208) under the provisions of the EP&A Act on the basis that it is critical to the state for environmental, economic and social reasons. This declaration came into effect on 9 March 2018 and is included in clause 9 of Schedule 5 of the State Environmental Planning Policy (State and Regional Development) 2011.

As Snowy 2.0 and Transmission Project is declared CSSI, applications for the different stages of the Project are required to be submitted under Part 5, Division 5.2 of the EP&A Act. The NSW Minister for Planning is the consent authority for applications for CSSI. Each application is subject to the provisions and requirements of a rigorous and robust planning process under the EP&A Act. The Project Approval Documentation includes the Environmental Impact Statement – Snowy 2.0 Transmission Connection Project (Jacobs, 2021), associated technical assessments, submissions report and amendment report.

A referral under the EPBC Act (2018 / 8363) was made to the former Commonwealth Department of Environment and Energy (DEE) (now DCCEEW) on 28 February 2019 to consider whether the project would be considered to be a controlled action. On 5 April 2019, the former DEE determined the project to be a 'controlled' action on the basis of potential impacts to the following under the EPBC Act:

- Listed threatened species and communities;
- Listed migratory species; and
- The heritage values of a National Heritage.

The NSW Government confirmed the action would be assessed under the "Bilateral agreement made under section 45 of the EPBC Act relating to environmental assessment between Commonwealth of Australia and the State of New South Wales" (Bilateral Agreement) (2015). Project approval was granted by the DCCEEW on 21st October 2022.

An EPL for the Project premises was issued to Transgrid by the NSW EPA on 23rd December 2022 under the POEO Act. This EPL requirement was triggered under Schedule 1 of the Protection of the Environment Operations (General) Regulation 2022 due to extractive activities required during construction.

The term Project conditions of approval (COA) refers to the infrastructure approval issued by the Minister of Planning (NSW) and released publicly on the 14th September 2022, EPBC approval issued by DCCEEW on 21st October 2022 and EPL conditions issued by NSW EPA on 23rd December 2022.

The requirements of the approval documentation and Project COA are required to be complied with by Transgrid. Responsibility for implementing mitigation measures and COA are allocated between Transgrid and UGL. The responsibility for each COA being met is outlined in Appendix A of this EMS, as well as where each condition can be found in relevant subplans.

It is noted that, in accordance with Infrastructure Approval SSI 9717, NSW State approval for this Project will lapse in the event that construction works are not commenced within 5 years of the approval date.

2.2 KEY LEGISLATIVE REQUIREMENTS

Legislation applicable to the Project is outlined in the management section for each environmental aspect management plan. A legal register is also provided Appendix C of the Project's Construction Environmental Management Plan (CEMP). The legal register identifies some of the key legislative requirements and how they will apply to the construction of the Project including responsibilities. Transgrid and UGL will regularly review their legislative requirements. This EMS will be updated to reflect changes to legislation and/ or responsibility as required.

2.3 EPBC APPROVAL

In accordance with the EPBC approval, unless otherwise agreed to in writing by the DCCEEW Minister, the EMS and Biodiversity Management Plan (BMP) must be published on the website within 15 business days of the date the plan is approved by the NSW Planning Secretary. The published plans (EMS and BMP) are required to be on the website until the expiry date of the approval.

Transgrid and UGL are required to exclude or redact sensitive ecological data from plans published on the website or otherwise provided to a member of the public. If sensitive ecological data is excluded or redacted from a plan, Transgrid must notify the department in writing what exclusions and redactions have been made in the version published on the website.

2.4 DOCUMENTATION APPROVAL

2.4.1 EPBC DOCUMENT APPROVAL

This EMS and the Biodiversity Management Plan required by conditions B21 and C1 of the State Infrastructure Approval are to be submitted to DCCEEW for Minister's approval before they are approved by the NSW Planning Secretary.

The plans must be submitted electronically to the department.

2.4.2 NSW DPE DOCUMENT APPROVAL

This EMS and relevant managements plans as per the Project COA will be submitted to the Department of Planning and Environment for confirmation that the document has been prepared to the satisfaction of the Secretary. In accordance with the Project COA, the following plans are required to be provided to the Planning Secretary for approval includes:

- Environmental Management Strategy (COA - C1)
- Spoil Management Plan (COA – B8)
- Water Management Plan (COA – B16)
- Biodiversity Offset Package (COA – B18)
- Biodiversity Management Plan (COA – B21)
- Heritage Management Plan(s) (COA – B24)
- Transport Strategy (COA – B27)
- Traffic and Transport Management Plan (COA – B32)
- Visual Impact Management Plan (COA – B36)
- Emergency Plan (COA – B42)
- Rehabilitation Management Plan (COA – B48)

Following approval/acceptance of the documents, Transgrid and UGL will be responsible for the implementation of this EMS.

2.5 ENVIRONMENTAL GOVERNANCE AND POSSESSION OF SITE

Transgrid (as the Proponent) have specific environmental outcomes that need to be met, and likewise for UGL where environmental outcomes are fundamental to ensuring compliance and future works.

Both organisations have environmental governance and Environmental Policies in place. UGL's Environmental Policy Statement is provided in the Construction Environmental Management Plan, whilst Transgrid's is provided in Appendix C.

UGL's CEMP also provides detail on their Environmental Management Framework, Organisational Commitment and their Environmental Management System which supports the CEMP subplans and provides functionality to achieve tangible outcomes.

Transgrid also provide their environmental framework for reference as Appendix D.

UGL anticipate taking possession of site during 2023. Possession of site is a milestone scheduled for the Principal Contractor (UGL) to undertake construction works that are no longer subject to limitations of pre-construction minor works defined by the COA.

Possession of site gives UGL certain rights under the engagement contract with Transgrid (Contract No. 1611) and starts the construction schedule for meeting key dates and approval outcomes.

2.6 STANDARDS AND GUIDELINES

Standards, policies and guidelines relevant to the Project are detailed within the respective environmental management plans and have been taken into consideration in the preparation of this EMS.

3 ENVIRONMENTAL MANAGEMENT REQUIREMENTS

3.1 CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

UGL is required to prepare and implement a CEMP as outlined in the contract with Transgrid. The CEMP shall include a main document, issue specific sub-plans, activity specific procedures and site based environmental plans. Section 4.5 of the CEMP shall illustrate the relationship between other plans required by the contract. The Project CEMP has been included in Appendix B for information only. A document map outlining the relationship between has been provided in Appendix E.

The CEMP outlines and describes how UGL will comply with the Project COA, state and federal legislation, the Project EIS and Amendment Report and all associated licences, permits and approvals. Additionally, it will outline how UGL will minimise environmental risks and achieve environmental outcomes associated with the Project by providing a structured approach to ensure appropriate mitigation measures and controls are implemented.

The CEMP will:

- Cover the requirements of the relevant Project approval documentation and COA;
- Address the conditions of all other permits, approvals and licences;
- Meet the environmental provisions of the contract documentation;
- Be compliant with this Environmental Management Strategy;
- Be consistent with UGL's Environmental Management System and AS/NZS ISO 14001:2015;
- Be supported by a process for identifying and responding to changing legislative or other requirements;
- Include processes for assessing construction methodology changes for consistency against the Project COA and other permits, approvals and licences;
- Include processes for tracking and reporting performance against contract compliance targets;
- Include a procedure for the identification and management of Project specific environmental risks and appropriate control measures; and
- Be consistent with Transgrid's and UGL's Environmental Policy.

As a minimum the CEMP will:

- Describe the Project in detail, including activities to be undertaken;
- State obligations, objectives and targets for issues that are important to the environmental performance of the Project;
- Project approvals, licences and permits that relate to Principal Contractor activities;
- Describe the strategic framework for environmental management of the Project;
- Describe the environmental management related roles and responsibilities of personnel;
- Outline training and induction requirements for employees, contractors and sub-contractors, in relation to environmental and compliance obligations with applicable policies, approvals, licences, permits, consultation agreements and legislation;
- Describe the procedures that will be implemented for complaints notification and management;
- Include protocols for managing and reporting incidents and non-compliances with applicable policies, approvals, licences, permits, consultation agreements and legislation;
- Outline a monitoring regime and inspection program to check the adequacy of controls as they are implemented during construction;
- Outline procedures for emergency and incident management; and

- Outline procedures for the control of environmental records.

The CEMP and subplan documents will be prepared to identify requirements and processes applicable to specific impacts or aspects of the activities of the Project. The subplans that are to be read and implemented in conjunction with the CEMP include:

- Environmental Management Strategy (this plan)
- Soil & Water Management Plan
- Spoil Management Plan
- Biodiversity Management Plan
- Heritage Management Plans
- Noise & Vibration Management Plan
- Contaminated Land Management Plan
- Traffic and Transport Management Plan
- Emergency Plan; and
- Rehabilitation Management Plan.

3.2 SITE ENVIRONMENTAL PLANS

Development of Site Environmental Plans is indicated in the CEMP. The site plans will be a continuous representation of the site and will align with the design and layout developed for the construction of the Project. The initial site environmental plans will be developed prior to construction using the template provided in the CEMP and maintained for currency throughout the project works. The environmental site plans will include (but not limited to):

- Design drawings or plans;
- Site significant or sensitive areas;
- Work areas, boundaries and no-go areas; and
- Environmental control measures and environmentally sensitive receivers.

3.3 ADDITIONAL ENVIRONMENTAL ASSESSMENTS

Where the requirement for an additional environmental assessment is identified, it will be undertaken prior to undertaking any physical works that is subject to the assessment and within the required timeframes. If any works are required outside the approved EIS footprint, or there is a lack of information or information is missing regarding an aspect, additional environmental assessments may be required. Environmental assessments will be carried out in accordance with the relevant legislation and in consultation with relevant agencies, if applicable. No works will be undertaken outside of the approved EIS footprint without approval.

3.4 DILAPIDATION REPORTS

As per Project COA, Transgrid must undertake an independent dilapidation survey to assess:

- The existing condition of all local roads on the transport route (including local road crossings) prior to construction, upgrading or decommissioning works;
- Condition of all local roads on the transport route (including local road crossings) within 1 month of the completion of construction, upgrading or decommissioning works, or within a timeframe agreed to by the relevant roads authority/manager; and
- On an annual basis during construction, or within a timeframe agreed to by the relevant roads authority/manager.

Pre and post construction dilapidation reports will be provided to DPE for their information. Transgrid is also obligated to rehabilitate and/or make good any development related damage to the satisfaction of the relevant roads authority/manager such as that identified:

- During construction and/or decommissioning works within 7 days at the latest, unless agreed otherwise by the relevant road authority/manager; and
- In project dilapidation surveys, within 2 months of the completion of the survey to the satisfaction of the relevant roads authority/manager.

3.5 ENVIRONMENTAL PROJECT HOLD POINTS

UGL will meet the requirements of relevant Hold Points, Permits or Approvals prior to and during project activities. Works must not proceed until Hold Points, Permits or Approvals have been released. Section 4.9 of the CEMP details aspects relevant to Hold Points, Permits and Approvals. It is expected that non-conformance will be issued if activities proceed without signoffs or approval.

3.6 TRAINING, AWARENESS AND COMPETENCE

UGL will be responsible for determining the training needs of their personnel.

Training will be undertaken in the following forms:

- Project induction;
- Toolbox talks and environmental awareness;
- Daily pre-start meetings; and
- Targeted environmental training.

Records of induction and training will be kept including the training carried out, dates, participant names and trainer details. Inductees will be required to sign-off that they have been informed of the environmental issues and that they understand their responsibilities.

Further details on training, awareness and competence are provided in Section 6 of the CEMP.

3.7 EMERGENCY AND INCIDENT MANAGEMENT

Transgrid and UGL recognise and appreciate the critical requirement for emergency and incident management for the Project, particularly following the events of the Dunns Road fire in 2019-20 and environmental sensitivities surrounding the Project site.

A Project Emergency Plan (EP) has been developed by a suitably qualified and experienced person endorsed by NPWS and FCNSW in accordance with COA B42, and will be implemented in accordance with the Project COA, relevant legislation and guidelines. The EP is included within the CEMP. The EP will be provided to the following agencies for review and sign off:

- National Parks and Wildlife Service (NPWS);
- Forestry Corporation NSW (FCNSW);
- Rural Fire Service (RFS);
- Fire Rescue NSW (FRNSW).

The EP includes:

- Emergency preparedness;
- Response actions depending on the type of emergencies including bushfires, floods, landslips as well as measures to minimise the risks of these emergencies;
- Fire risk management in accordance with COA B41;
- Evacuation protocols for the site; and
- Details how live transmission infrastructures would be safely isolated in an emergency.

All environmental incidents shall be managed in accordance with the EP.

3.8 ENVIRONMENTAL MONITORING, INSPECTIONS AND AUDITING

Environmental monitoring will be undertaken as required and in accordance with any standards, as specified by the Project COA or other permits, approvals and licences. The monitoring requirements for required aspects are included in the relevant environmental management subplans. A summary of these requirements is provided as an environmental monitoring program for the Project within Appendix G of the CEMP (Appendix B).

Environmental inspections will be undertaken to evaluate the effectiveness of environmental mitigation and controls. Inspection will include:

- Weekly site inspections;
- Pre and post rainfall site inspections;
- Transgrid inspections; and
- Pre-work inspections.

Audits will be undertaken as required and in accordance with Transgrid and UGL's audit procedures, Project COA or other permits, approvals and licences.

The audits conducted on this Project will address the following areas:

- Compliance with the CEMP;
- Compliance with legal and other requirements (e.g., Project COA);
- All monitoring and operational reports required by any licences are adequate;
- Environmental mitigation measures specified in CEMP are being implemented and are effective;
- Environmental training records are in order;
- Environmental reports are being completed and acted on;
- Environmental events are being recorded and acted on; and
- Environmental targets are being achieved.

Internal audits are to be carried out within three (3) months of commencing work onsite and then at least every six (6) months thereafter. These audits will be risk-based and verify that the work under the contract complies with the CEMP, sub-plans and approval requirements. More frequent auditing may occur if environmental checks indicate major deficiencies with environmental management of the site.

External (independent) audits also apply. In accordance with the Project COA:

- Infrastructure approval independent audits of the Project will be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020) to the following frequency:
    - Within 3 months of commencing construction;
    - Every 6 months of the construction phase thereafter; and
    - Within 3 months of commencement of operations.
- EPBC approval independent audits of the Project will be undertaken in accordance with *Environment Protection and Biodiversity Conservation Act 1999* Independent Audit and Audit Report Guidelines (2019) every five years.

Monitoring, inspections and auditing is discussed further in Section 9 of the Project CEMP.

3.9 ENVIRONMENTAL NON-COMFORMANCES

UGL will document and detail any non-compliances arising out of the above monitoring, inspections, and audits. Transgrid will be made aware of all non-compliances in a timely manner in accordance with the contract requirements.

Environmental non-conformances include:

- Non-compliance with environmental management controls or mitigation measures;
- Non-compliance with COAs;
- Project events which threaten or cause harm to the project site or receiving environments.

UGL will develop and implement preventative and corrective actions to rectify non-compliance, near misses and hazards identified or reported.

Corrective actions will be developed in consultation with relevant parties and will be assigned to the appropriate staff for close out. Records will be kept of all corrective actions assigned.

3.10 ROLES & RESPONSIBILITIES

Environmental compliance is the responsibility of all Project and site personnel. For clarity and effective coordination of the EMS, specific roles and responsibilities for environmental performance and compliance during the construction have been allocated to the following positions:

- General Manager;
- Project Manager;
- Construction Managers;
- HSE Manager;
- Environmental Advisors;
- Project Engineers;
- Project Supervisors;
- Leading hands;
- All workers; and
- Subcontractors.

The CEMP (Section 4.11) further details the roles, responsibilities, authorities and accountability of all key personnel involved in the environmental management of the Project. It also details the relationship between Transgrid, UGL and regulatory stakeholders.

All subcontractors engaged by UGL will be required to operate under this EMS and CEMP.

3.11 ENVIRONMENTAL RECORDS AND COMPLIANCE REPORTING

All environmental records and compliance reporting is to occur in accordance with relevant standards, as specified by the Project COA or other permits, approvals and licences.

UGL is to supply a monthly report including HSE breakdown and works progress update to Transgrid. The Monthly Reports will include details of environmental performance and compliance and detail of any incidents and corrective actions.

Electronic copies of any required compliance records are to be provided to DCCEEW within the timeframe specified, when requested in writing.

Environmental reporting is further detailed in Section 9.4 of the CEMP.

Environmental Management Plans, records of training and inductions, inspections and audits will be kept within an electronic document management system. All documentation will be available onsite.

Document control is outlined on the cover page of this EMS and shall be updated in line with revisions of the EMS.

3.12 NOTIFICATIONS

Notifications will occur in accordance with any standards, as specified by a Project COA or other permits, approvals and licences.

In accordance with the Project Infrastructure COA:

- Prior to commencing development, construction, operations, upgrading or decommissioning of the Project, Transgrid must notify the Department in writing via the Major Projects website portal and NPWS and FCNSW of the date of commencing the relevant phase;
- DPE and NPWS must be notified via the major projects website portal immediately after Transgrid becomes aware of an incident; and
- DPE and NPWS must be notified via the major projects website portal within seven days after Transgrid becomes aware of any non-compliance.

No staging of construction works is anticipated to be required for UGL's scope of works.

Requirements for written incident notifications can be found in Appendix 5 of the Project Infrastructure Approval.

In accordance with the Project EPBC COA:

- The approval holder must notify the department electronically of the date of commencement of the Action, within 5 business days of commencement of the Action.
- If the commencement of the Action does not occur within 5 years from the date of this approval, then the approval holder must not commence the Action without the prior written agreement of the Minister.
- The approval holder must notify the department electronically 60 business days prior to the expiry date of this approval, that the approval is due to expire.
- Within 20 business days after the completion of the Action, and, in any event, before this approval expires, the approval holder must notify the department electronically of the date of completion of the Action and provide completion data.

Incident notification and duty to notify is outlined further in Section 8.4 of the CEMP.

3.13 REVIEW AND IMPROVEMENT OF PLANS

The EMS (and associated subplans) is a working document that requires review and, if necessary, amendment during the life of the Project. A review of this EMS and other plans will be undertaken annually as a minimum or as required where:

- An audit makes findings or recommendations identifying a need;
- There is a significant change to the construction schedule, the site layout or a change in the construction methodology;
- Site based conditions require a change to the environmental controls and procedures identified within the EMS;
- An environmental incident occurs that requires corrective actions or findings to be incorporated in the EMS. Any revised Strategy or Plans must be submitted to the Secretary within 3 months of submission of an incident report to the Secretary;
- The implementation of the Trigger Action Response Plan (TARP) requires corrective actions or findings to be incorporated in the EMS. Any revised Strategy or Plans must be submitted to the Secretary within 3 months of submission of an incident report to the Secretary;
- There is any modification to the conditions of consent. The revised Strategy or Plans must be submitted to the Secretary within 3 months of any modification to the conditions of consent; and
- Issue of a direction of the Planning Secretary.

These reviews shall generate actions for the continual improvement of the Project CEMP and supporting management plans and relevant documentation.

Changes to the EMS and other plans will be communicated through pre-start meetings and to existing onsite personnel and be incorporated into environmental induction material.

If necessary, strategies, plans or programs required under SSI 9717 will be revised and approved to the

satisfaction of the Planning Secretary within 3 months of:

- The submission of an incident report under COA C7;
- The submission of an Independent Audit under COA C10;
- The approval of any modification of the conditions of this approval; or
- The issue of a direction of the Planning Secretary under COA A2 which requires a review.

4 COMMUNICATION AND ENGAGEMENT

4.1 INTERFACE MANAGEMENT PLAN

Requested by Transgrid, the UGL Interface Management Plan outlines process requirements for managing the various interfaces associated with the construction phase of the Project. It provides structure around interactions and communications between UGL, Transgrid, Subcontractors, Snowy Hydro, FGJV and relevant Stakeholders. The Interface Management Plan will be distributed to all relevant parties for visibility, and regularly updated by UGL. The Interface Management Plan is not required to be submitted for approval as part of the COAs.

4.2 COMPLAINTS HANDLING AND DISPUTE RESOLUTION

As the Proponent of the Project, all complaints and disputes will be managed in the first instance in accordance with Transgrid's Complaint Management Policy and Complaint Assessment Matrix.

UGL will pass on all complaints to Transgrid in accordance with UGL's 'Community Management' procedure and 'Customer Complaint & Feedback' procedure. Transgrid will advise on how to address the complaint. Complaint and community enquiry management is detailed in Section 7.4 of the CEMP.

All information gathered will be stored in an Enquires and Complaints Register. The System will be regularly reviewed.

4.3 STAKEHOLDER ENGAGEMENT

Stakeholder engagement is being managed by Transgrid such that information relating to the Project and its approvals can be better considered, managed and accounted for. The Project COAs refer to multiple consultation requirements for which as summary is provided in the CEMP (Table 4-3). Evidence of Consultations (COA A8) will be applied to the EMP subplans as it becomes available.

UGL supports feedback from Stakeholders and has engaged as requested with multiple parties such that information received can translate to tangible outcomes and reduced risk to the environment.

4.4 BUSINESS AND PROPERTY IMPACTS

The Project site is relatively isolated to potential business and property impacts, and UGL have engaged with FCNSW, NPWS & Snowy Valleys Council regarding the anticipated impacts relating to Project activities. In consultation with Transgrid, UGL are endeavouring to avoid, moderate or otherwise lessen construction impacts on the Project site, and to the local community. Such mitigations are detailed in the various EMPs and include construction times, traffic movements, noise mitigation, dust management, speed limits, and avoiding sediment tracking.

Where impacts are unavoidable (known) or accidental, Transgrid will manage discussions concerning approvals, closures, damages or losses and how compensatory aspects may apply.

4.5 ACCESS TO INFORMATION

The following Project documentation is publicly available from the Project (Transgrid) website:

- The EIS;
- The final layout plans for the Project
- Current statutory approvals for the Project;
- Approved strategies, plans or programs required under the COA;
- Any proposed staging plans for the development if the construction, operation and/or decommissioning of the development is to be staged;
- Summary of monitoring results of the Project in accordance with the plans;
- How complaints about the Project can be made; and
- Any independent environmental audits and Transgrid's response to recommendations in any audit.

The website will be updated with any additional information as required by the Secretary.

5 GENERAL SITE WORKS

5.1 WORK HOURS

Unless the Planning Secretary agrees otherwise, road upgrades and construction works undertaken by UGL will be between 6am and 6pm. The following activities may be carried out outside these hours:

- The delivery of oversized plant or structures that police or other authorised authorities determine require special arrangements to transport along public roads for reasons of safety or otherwise;
- The delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons;
- Road upgrades required by the relevant roads authority/manager to be undertaken outside the approved construction hours;
- Emergency work to avoid the loss of lives or property, or to prevent environmental harm; and
- Activities that are inaudible at sensitive receivers that do not require traffic movement on local roads.

An Out of Hours Protocol will be prepared outlining the process for the consideration, management and approval of works which are outside the Project work hours. The protocol is to be approved by the Secretary and will:

- Be prepared in consultation with Council;
- Provide a process for the consideration of out-of-hours works against the relevant construction noise, traffic noise and vibration criteria, including the determination of low and high risk activities;
- Identify an approval process that considers the risk of activities, proposed mitigation, management, and coordination; and
- Identify Department and Council arrangements for approved out of hours work.

This is outlined further in UGLs Noise and Vibration Management Plan.

5.2 SITE LAYOUT

UGL must integrate the following in the layout of construction sites:

- The Project approval documentation;
- The Project COA; and
- Other permits, approvals and licences.

Prior to commencing construction, Transgrid will submit detailed plans of the final layout of the Project to DPE, via the Major Projects website, which will include:

- Details on siting of transmission towers and ancillary facilities; and
- Showing comparison to the approved layout and approved vegetation clearing.

Transgrid will ensure that construction works are undertaken in accordance with the finalised versions of these layout plans.

5.3 REINSTATEMENT AND REHABILITATION

Mitigation measures for reinstatement and rehabilitation must be produced in accordance with Project COA, consultation with Transgrid, community and stakeholders (as applicable). Mitigation measures and requirements are included within the CEMP and the Rehabilitation Management Plan. The Rehabilitation Management Plan will comply with the objectives and timing requirements outlined in the COA.

6 KEY ENVIRONMENTAL MANAGEMENT

6.1 NOISE AND VIBRATION MANAGEMENT

Work hours and out of hours protocols are discussed in Section 5.1 of this EMS.

Transgrid and UGL will take all reasonable and feasible steps to minimise the noise of the Project in locations where the noise is audible to sensitive receivers including construction traffic noise. Measures to minimise noise including construction traffic noise are in accordance with the Project COA and EIS inclusive of road traffic noise assessment criteria for land uses as per the NSW Road Noise Policy (DECCW, 2011). Although not obligated, UGL have decided to prepare and submit a Noise and Vibration Management Plan for stakeholder consideration. The NVMP details the mitigations and strategies UGL will abide with during the construction activities including operation of plant and equipment in accordance with COA A13.

6.2 AIR QUALITY MANAGEMENT

Transgrid and UGL will take all reasonable steps to minimise the off-site dust, fumes, odours and other air pollutants of the Project, as well as minimise surface disturbance of the site. Air quality management is addressed in the Soil and Water Management Plan inclusive of operation of plant and equipment in accordance with COA A13.

6.3 SPOIL MANAGEMENT

A specific Spoil Management Plan has been developed, and once approved will be implemented in accordance with the Project COA B8 and the EIS. The plan will be finalised in consultation with the NPWS, FCNSW, Environment Protection Authority (EPA), Water Group, Natural Resources Access Regulator (NRAR) and Department of Primary Industries (DPI).

The plan includes:

- A description of the measures that will be implemented to minimise the spoil generated by the Project, maximise the reuse of non-reactive spoil on site and in other parts of the Kosciuszko National Park (KNP), Bago State Forest and/or offsite in accordance with COA B7and minimise the water quality impacts of the temporary spoil stockpiles;
- An overarching framework for the management of all spoil generated on site, including the testing, classification, handling, temporary storage, chain of custody and disposal of spoil. This will comply with the requirement that spoil disposed within the KNP must be emplaced in the three identified emplacement areas, Ravine Bay, GF01 and Lobs Hole;
- A detailed plan for managing the temporary spoil stockpiles of the Project, which includes suitable triggers for remedial measures (if necessary) and describes the contingency measures that would be implemented to address any water quality risks; and
- A program to monitor and publicly report on:
    - the management of spoil on site; and
    - progress against the detailed completion criteria and performance indicators.

The requirements for investigating, assessing and managing contaminated land and naturally occurring asbestos is outlined in Section 6.10 below.

6.4 SOIL AND WATER MANAGEMENT

A Soil and Water Management Plan has been developed, and once approved will be implemented in accordance with the Project COA B16 and the EIS. The plan has been prepared by a suitably qualified and experienced person and will be finalised in consultation with the EPA, FCNSW, NPWS, the Water Group and NSW DPI. The plan includes:

- Provisions for detailed baseline data on surface water flows and quality in the watercourses that could be affected by the Project, and a program to augment this baseline data over time;
- Provisions for detailed criteria for determining surface water impacts of the Project (flows, quality and flooding), including criteria for triggering remedial action (if necessary);

- Provisions for a description of the measures that would be implemented to minimise the surface water impacts of the Project and comply with the relevant water management requirements; and
- Measures for:
    - Managing flood risk during construction and not altering the flood storage capacity, flows or characteristics of the Project site or offsite;
    - Prevention of water pollution in accordance with Section 120 of the *Protection of the Environment Operations Act 1997* and Project EPL requirements;
    - Spill control, response and disposal procedures including appropriate bunding and waste management;
    - Minimising impacts on surface water, localised flooding and groundwater at the site;
    - Prevention of discharge of groundwater to watercourses;
    - Erosion and sediment management including measures to minimise erosion, control sediment generation and prevent sediment laden discharge of water from site;
    - Water supply management and ensuring sufficient water supply for the Project including obtaining necessary water licences; and
    - Riparian area protection, including all activities on waterfront land are constructed in accordance with the Guidelines for Controlled Activities on Waterfront Land (2012), unless DPE Water agrees otherwise. Additionally, ensuring that the geomorphic conditions of the major rivers and distributary channels crossed by the development are not impacted.

6.5 BIODIVERSITY MANAGEMENT

Transgrid will prepare a Biodiversity Offset Package, consistent with the EIS, in accordance with COA B18, and in consultation with the Biodiversity, Conservation and Science Directorate (BCS). Transgrid will lodge a bank guarantee in accordance with COA B19 prior to construction commencing. Transgrid will pay a nominated fee in accordance with COA B20 to the NPWS to offset residual biodiversity impacts prior to carrying out any development that could impact the biodiversity values inside KNP.

A Biodiversity Management Plan has been developed, and once approved will be implemented in accordance with the Project COA B21, EPBC approval and the latest version of the Biodiversity Development Assessment Report. The plan has been prepared by a suitably qualified and experienced person and will be finalised in consultation with NPWS, BCS, FCNSW and DCCEEW. The plan includes measures to:

- Ensure the Project does not adversely affect the native vegetation and habitat outside the disturbance footprint;
- Establish maximum areas of clearing in accordance with the Project COA;
- Minimise the clearing of native vegetation and habitat within the disturbance area including hollow-bearing trees;
- Minimise the impacts of the Project on threatened flora and fauna species within the disturbance area and its surrounds, including the:
    - *Caladenia montana*;
    - Gang-gang Cockatoo;
    - Masked Owl;
    - Eastern Pygmy-possum;
    - Spot-tailed Quoll;
    - Yellow-belied Glider; and
    - Booroolong Frog

- Minimise the potential indirect impacts on threatened flora and fauna species, migratory species and 'at risk' species;
- Minimise potential fauna strike in sensitive habitat areas on the road network within the site, including reducing speed limits between sunset and sunrise;
- Minimise the impacts on fauna on site, including undertaking pre-clearance surveys;
- Protect native vegetation and key fauna habitat outside the approved disturbance area;
- Monitor the areas of partial clearance within three months of the commencement of construction and provision of a verification report to confirm if any changes are required to the construction vegetation clearing protocols;
- Maximise the salvage of resources within the disturbance area for reuse in the restoration of vegetation and habitat on site, including native vegetative material, hollow logs, ground timber, and topsoil containing vegetative matter and native seed bank;
- Collect seeds within the approved disturbance area for use in the ecological rehabilitation of the site;
- Minimise the spread of weeds, pathogens and feral pests on site, and import or export of these matters to or from the site;
- Minimise the generation and dispersion of sediment to watercourses, particularly the Sheep Station Creek, Lick Hole Gully, Cave Gully, Wallaces Creek and Yarrangobilly River;
- Minimise the light spill from night works, including using directional and LED lighting; and
- Minimise bushfire risk.

The plan will also include the following:

- Construction clearing and operation vegetation management protocols;
- A strategy to manage activities within the 50 m exclusion zone of the Yarrangobilly River and its tributaries;
- A monitoring program and TARP outlining actions to be implemented should any water quality criteria be exceeded and potential impact on the Booroolong Frog;
- A Rehabilitation Management Plan;
- Weed monitoring and control programs;
- Measures to mitigate and monitor the impact of the project on Yellow-bellied Glider; and
- A program to monitor, evaluate and publicly report on the effectiveness of these measures.

6.6 HERITAGE MANAGEMENT

Heritage (Aboriginal, historic and natural) management has been addressed through the Heritage Management Plan (HMP). This plan has been prepared and once approved will be implemented in accordance with the Project COA B24 and EIS.

Prior to carrying out any activity that could harm heritage items, Transgrid will develop and implement a program to:

- Salvage and relocate all heritage items identified for salvage and relocation to a suitable alternative location, in accordance with the Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW (DECCW, 2010); and
- Undertake archival recording, test excavation and/or salvage of the historic items listed to be affected by the development.

The heritage management plans (AHMP and HMP) will include:

- Measures to protect the heritage items, including fencing off the heritage items (where required) prior to carrying out any activity that could harm the heritage items;

- Measures to protect any Aboriginal and historic heritage items located outside the approved construction envelope;
- Where impacts cannot be avoided to R56 and R120, details of the proposed archaeological research design and excavation methodology, and findings of the Final Archaeological Excavation Report, in accordance with the relevant Heritage Council guidelines;
- Measures to minimise and manage the impacts of the Project on heritage items within the construction envelope, including a strategy for the long-term management of any heritage items or material collected during the test excavation or salvage works;
- A contingency plan and reporting procedure if:
    - Heritage items outside the approved construction envelope are damaged;
    - Previously unidentified heritage items are found; or
    - Aboriginal skeletal material is discovered;
- Measures ensuring workers on site receive suitable heritage inductions prior to carrying out any Project on site, and that records are kept of these inductions;
- Ensure ongoing consultation with Aboriginal stakeholders during the implementation of the plan;
- A program to monitor and publicly report on the effectiveness of these measures and any heritage impacts of the Project; and
- A program to publish detailed archival records required under the conditions of this approval, and findings of any excavations and salvage works.

6.7 TRAFFIC AND TRANSPORT MANAGEMENT

Transgrid will prepare a Transport Strategy in accordance with the Project COA B32 and in consultation with the relevant roads authority prior to starting construction in Project Area West. The Transport Strategy will be included in UGLs Traffic and Transport Management Plan once received.

The Strategy will:

- Identify the location and type of any necessary road upgrades (including roads, intersections, crossing points, bridges and access points), including consideration of relevant amenity impacts;
- Ensure that any road upgrades comply with the Austroads Guide to Road Design (as amended by TfNSW supplements), unless the relevant road authority agrees otherwise;
- Include a detailed assessment of potential impacts of any necessary road upgrades (such as heritage and biodiversity impacts), including consideration of appropriate mitigation measures;
- Identify whether intersections, crossing points and access points would be permanent or temporary; and
- Include measures or notifying, seeking feedback from, and addressing the concerns of impacted residents along the route.

Any expected or unexpected impacts to public infrastructure during works will be managed by Transgrid in accordance with COA A9.

Prior to commencing construction in Project Area West, Transgrid must implement the road upgrades and the mitigation measures identified in the Transport Strategy, to the satisfaction of the relevant roads authority/manager. To sufficiently delineate these road upgrades from the future 500kV substation construction, Transgrid are in the process of submitting a Staging Letter to the department. The Staging Letter and response will be attached to the TTMP when received.

A Traffic and Transport Management Plan has been developed, and once approved will be implemented in accordance with the Project COA and EIS. The plan will be prepared by a suitably qualified and experienced person and finalised in consultation with FCNSW, NPWS, TfNSW, Snowy Valleys Council, Snowy Monaro Regional Council and NSW Police. The plan will include the following key items:

- Details of the transport routes to be used for all Project-related traffic;
- Details of the road upgrade works required by the Transport Strategy;
- Details of temporary and permanent bridge crossings in accordance with COA B31 for Sheep Station Creek;
- Details of the measures that would be implemented to comply with the transport management requirements including:
    - Designated over-dimensional vehicle Primary Access Routes;
    - Designated heavy and light vehicle Primary and Secondary Access Routes and Water Supply Routes;
- Details of road maintenance and vehicle restrictions including:
    - Restricting development-related vehicle speeds to 30 km/h between sunset and sunrise on Lobs Hole Ravine Road, Mine Trail Road and within the Project site, unless the Planning Secretary agrees otherwise;
    - No more than 8 heavy vehicles per day, for water cartage purposes only from the Snowy Hydro T2 Tailbay site on Elliot Way inside KNP;
    - Restricting vessel speeds on Talbingo Reservoir to current Transport for NSW speed limits.
- Details of the measures that would be implemented to:
    - Minimise traffic safety impacts of the Project and disruptions to local road users during the works;
    - Minimising convoy lengths;
    - Keeping the local community informed about development-related traffic impacts;
    - Managing and responding to community related traffic complaints;
    - Minimise the impacts of the road and intersection upgrades of the Project;
    - Minimising the impacts to public facilities and services;
    - Managing Out of Hours Work impacts;
    - Mitigating traffic noise where relevant;
    - Provide sufficient parking on site for all vehicles and ensure vehicles associated with the Project do not park on the public road network;
    - Managing fatigue and driving to weather conditions;
    - Maintain all roads and water-related infrastructure on site in a safe and serviceable condition; and
    - Minimise the traffic noise impacts of the Project.
- Ensure any vessel or structure occupying waters must display appropriate shapes and lights in accordance with the Marine Safety (Domestic Commercial Vessel) National Law 2012;
- Include a detailed:
    - Heavy Vehicle Salvage Plan;
    - Driver's Code of Conduct;
    - Marine Transport Management Plan;
    - Snow & Ice Management Plan;
    - Communication Strategy to keep the public informed about the impacts of the Project.
- Include a program to:

- Ensure drivers working on the Project receive suitable training on the code of conduct and any other relevant obligations under the Traffic and Transport Management Plan;
- Record and track vehicle movements; and
- Monitor and publicly report on the effectiveness of these measures.

Details on dilapidation survey requirements are discussed in Section 3.4 of this EMS.

6.8 VISUAL IMPACT MANAGEMENT

Transgrid and UGL will take reasonable steps to minimise the visual impacts of the Project in accordance with the Project COA B34. A Visual Impact Management Plan will be developed and implemented in accordance with the Project COA B36 and EIS by Transgrid. The plan will be prepared in consultation with FCNSW and NPWS. The plan will include measures to reduce potential visual impacts of the Project including potential glare and reflection from towers, visual appearance of new infrastructure and ancillary facilities and external lighting.

Transgrid will also ensure that any residual Project impacts on National Park values are managed through compensatory payments to NPWS in accordance with COA B37.

6.9 HAZARD AND RISK

Transgrid will ensure the design, construction and operation of the Project is managed to comply with the applicable electric and magnetic fields (EMF) limits in the *International Commission on Non-Ionizing Radiation Protection (ICNIRP) Guidelines for limiting exposure to time-varying electric and magnetic fields (1Hz – 100 kHz)* (ICNIRP, 2010).

The storage, handling, and transport of dangerous goods onsite will be undertaken in accordance with the relevant Australian Standards and guidelines, particularly *AS1940 The storage and handling of flammable and combustible liquids* and *AS/NZS 1596:2014 The storage and handling of LP Gas,* the *Dangerous Goods Code,* and the EPA's *Storing and Handling of Liquids: Environmental Protection – Participants Manual.*

6.10 CONTAMINATION AND WASTE MANAGEMENT

Although not obligated, UGL have decided to prepare and submit a Contaminated Land Management Plan for stakeholder consideration. The CLMP details the mitigations and strategies UGL will abide with during the construction activities and incorporates the following:

- A procedure for investigating, assessing, and managing contaminated land, and soils in the Project area;
- A procedure for investigation, assessing and managing the potential for naturally occurring asbestos, potentially acid forming material and other hazardous materials in the Project area;
- A detailed plan for managing and the disposal of all the reactive or contaminated spoil generated on site, including the contingency measures that would be implemented if the volumes of this spoil are greater than expected and unsuitable for land disposal;
- Waste management measures including:
    - Waste being dealt with in accordance with the following priorities:
        - Waste generation must be avoided and where avoidance is not reasonably practicable, waste generation must be reduced;
        - Where avoiding or reducing waste is not possible, waste must be re-used, recycled, or recovered; and
        - Where re-using, recycling or recovering waste is not possible, waste must be treated or disposed of.
    - The importation of waste and storage, treatment, processing, reprocessing or disposal of such waste must comply with the *Protection of the Environment Operations Act 1997*,

the *Protection of the Environment Operations (Waste) Regulation 2014*, and orders or exemptions under the regulation;

- Waste must only be exported to a site licensed by the EPA for the storage, treatment, processing, reprocessing or disposal of the subject waste, or in accordance with a Resource Recovery Exemption or Order issued under *the Protection of the Environment Operations (Waste) Regulation 2014*, or to any other place that can lawfully accept such waste; and
- All waste that is removed from site must be classified in accordance with the EPA's *Waste Classification Guidelines*, with appropriate records and disposal dockets retained for audit purposes.

APPENDIX A PROJECT CONDITIONS OF APPROVAL

A.1 NSW PROJECT INFRASTRUCTURE APPROVAL

NSW Project Infrastructure Approval SSI9717 (DPE, 14th September 2022)

ID	Condition	Responsibility	Plan
SCHEDULE 2 - PART A ADMINISTRATIVE CONDITIONS			
OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT			
A1	In meeting the specific performance measures and criteria of this approval, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction, operation, rehabilitation, upgrading or decommissioning of the development.	TG / UGL	CEMP and subplans
TERMS OF APPROVAL			
A2	The development must be carried out: (a) in compliance with the conditions of this approval; (b) in accordance with all written directions of the Planning Secretary; (c) generally in accordance with the EIS; and (d) generally in accordance with the Development Layout in Appendix 2.	TG / UGL	CEMP and subplans
A3	The Proponent must comply with any requirement/s of the Planning Secretary arising from the Department's assessment of: (a) any strategies, plans or correspondence that are submitted in accordance with this approval: (b) any reports, reviews or audits commissioned by the Department regarding compliance with this approval; and (c) the implementation of any actions or measures contained in these documents.	TG / UGL	EMS, CEMP and subplans
A4	The conditions of this approval and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c) or A2(d). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c) and A2(d), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.	TG	Noted
A5	Any document that must be submitted within a timeframe specified in or under the terms of this approval may be submitted within a later timeframe agreed with the Planning Secretary. This condition does not apply to the immediate written notification required in respect of an incident under condition C7.	TG	Noted, EMS
LIMITS ON APPROVAL			
A6	Restrictions on Disturbance Area and Native Vegetation Clearing The Proponent must comply with the restrictions in Table 1 below.		CEMP and BMP

<table>
<tr><th>ID</th><th>Condition</th><th>Responsibility</th><th>Plan</th></tr>
<tr><td></td><td>
Table 1 Restrictions on Approval
<table>
<tr><th>Matter</th><th>Kosciuszko National Park</th><th>Bago State Forest</th><th>Total</th></tr>
<tr><td>Maximum Disturbance Area</td><td>81 ha</td><td>44 ha</td><td>125 ha</td></tr>
<tr><td>Maximum Native Vegetation Full Clearing</td><td>37 ha</td><td>34 ha</td><td>71 ha</td></tr>
<tr><td>Maximum Native Vegetation Partial Clearing</td><td>38 ha</td><td>9.2 ha</td><td>47.2 ha</td></tr>
</table>
The areas in Table 1 relate to direct disturbance and clearing and do not include the indirect impacts of this disturbance and clearing.
</td><td></td><td></td></tr>
<tr><td colspan="2">LAPSE OF APPROVAL</td><td></td><td></td></tr>
<tr><td>A7</td><td>This approval will lapse if the Proponent does not physically commence the development within 5 years of the date on which it is granted.</td><td>TG</td><td>EMS</td></tr>
<tr><td colspan="2">EVIDENCE OF CONSULTATION</td><td></td><td></td></tr>
<tr><td>A8</td><td>Where conditions of this approval require consultation with an identified party, the Proponent must:
(a) consult with the relevant party prior to submitting the subject document to the Planning Secretary for approval; and
(b) provide details of the consultation undertaken including:
(i) the outcome of that consultation, matters resolved and unresolved; and
(ii) details of any disagreement remaining between the party consulted and the Proponent and how the Proponent has addressed the matters not resolved.</td><td>TG</td><td>CEMP and subplans</td></tr>
<tr><td colspan="2">PROTECTION OF PUBLIC INFRASTRUCTURE</td><td></td><td></td></tr>
<tr><td>A9</td><td>Unless the Proponent and the applicable authority agree otherwise, the Proponent must:
(a) undertake any works on or in the vicinity of public infrastructure in consultation with the applicable public authority or service provider responsible for the public infrastructure;
(b) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and
(c) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.
(d) This condition does not apply to any damage to roads caused as a result of general road usage which is expressly provided for in the conditions of this approval.</td><td>TG / UGL</td><td>EMS</td></tr>
</table>

ID	Condition	Responsibility	Plan
DEMOLITION			
A10	The Proponent must ensure that all demolition work on site is carried out in accordance with AS 2601-2001: The Demolition of Structures (Standards Australia, 2001), or its latest version.	TG / UGL	N/A (no demolition works are proposed)
STRUCTURAL ADEQUACY			
A11	All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development, must be constructed in accordance with the relevant requirements of the BCA; and where the BCA is not applicable, to the relevant Australian Standard. Notes: • *Under Part 6 of the EP&A Act, the Proponent is required to obtain construction and occupation certificates for the proposed building works.* • *Part 8 of the EP&A Regulation sets out the requirements for the certification of the development*	TG / UGL	Design
COMPLIANCE			
A12	The Proponent must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this approval relevant to activities they carry out in respect of the development.	TG / UGL	CEMP
OPERATION OF PLANT AND EQUIPMENT			
A13	All plant and equipment used on site, or in connection with the development must be: (a) maintained in a proper and efficient condition; (b) operated in a proper and efficient manner; and (c) kept free of weeds, seeds and pathogens when entering or leaving the site.	TG / UGL	NVMP, BMP
APPLICABILITY OF GUIDELINES			
A14	References in the conditions of this approval to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this approval.	TG	Noted
A15	However, consistent with the conditions of this approval and without altering any limits or criteria in this approval, the Planning Secretary may, when issuing directions under this approval in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	TG	Noted

ID	Condition	Responsibility	Plan
SCHEDULE 2 - PART B ENVIRONMENTAL CONDITIONS - GENERAL			
NOISE AND VIBRATION			
B1	Unless the Planning Secretary agrees otherwise, road upgrades, construction, upgrading and decommissioning activities may only be undertaken between 6 am to 6 pm.	TG / UGL	NVMP
B2	The following construction, upgrading and decommissioning activities may be carried out outside the hours specified in condition B1 above: (a) the delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons; or (b) emergency work to avoid the loss of life, property or to prevent material harm to the environment; or (c) activities that are inaudible at sensitive receivers that do not require traffic movements on local roads; or (d) road upgrades required by the relevant roads authority/manager to be undertaken outside the construction hours specified in condition B1; or (e) works carried out in accordance with an Out-of-Hours Work Protocol approved in accordance with condition B3.	TG / UGL	NVMP
B3	An Out-of-Hours Work Protocol must be prepared to identify a process for the consideration, management and approval of works which are outside the hours defined in condition B1. The Protocol must be approved by the Planning Secretary before commencing these works. The Protocol must: (a) be prepared in consultation with Council; (b) provide a process for the consideration of out-of-hours works against the relevant construction noise, traffic noise and vibration criteria, including the determination of low and high risk activities; (c) identify an approval process that considers the risk of activities, proposed mitigation, management, and coordination, (d) identify Department and Council arrangements for approved out of hours work.	TG / UGL	NVMP (Out-of-Hours Work Protocol)
Construction and Decommissioning			
B4	The Proponent must take all reasonable and feasible steps to minimise the construction, upgrading or decommissioning noise of the development in the locations where the noise is audible to sensitive receivers, including any associated traffic noise	TG / UGL	NVMP
B5	The Proponent must implement mitigation measures with the aim of achieving the road traffic noise assessment criteria for land uses from NSW Road Noise Policy (DECCW, 2011).	TG / UGL	NVMP

ID	Condition	Responsibility	Plan
AIR QUALITY			
B6	In addition to the performance outcomes, commitments and mitigation measures specified in the EIS, the Proponent must take all reasonable steps to: (a) minimise the off-site dust, fume, blast emissions and other air pollutants of the development; and (b) minimise the surface disturbance of the site.	TG / UGL	SWMP
SOIL AND WATER			
Permanent Spoil Emplacement Areas			
B7	Apart from the spoil that is provided to the NPWS for use in other parts of the Kosciuszko National Park, Forestry Corporation for use in other parts of State Forest, sent off-site, used to construct temporary or permanent infrastructure for the development or used to rehabilitate the site or the Snowy 2.0 Main Works site, the Proponent must ensure that any spoil disposed within Kosciuszko National Park are emplaced in the following emplacement areas: (a) Ravine Bay; (b) GF01; or (c) Lobs Hole. (d) Tantangara for spoil containing naturally occurring asbestos only. *Note: The location of these emplacement areas is shown in the figures in Appendix 2.*	TG	SMP
Spoil Management Plan			

ID	Condition	Responsibility	Plan
B8	Prior to the commencement of construction, the Proponent must prepare a Spoil Management Plan to the satisfaction of the Planning Secretary for the development. This plan must: (a) be prepared by a suitably qualified and experienced person in consultation with the NPWS, FCNSW, EPA, Water Group, NRAR and DPI; (b) include a description of the measures that would be implemented to: (i) minimise the spoil generated by the development; (ii) maximise the reuse of non-reactive spoil on site and in other parts of the Kosciuszko National Park, Bago State Forest and/or offsite; (iii) minimise the water quality impacts of the temporary spoil stockpiles; (c) provide an overarching framework for the management of all spoil generated on site, including the testing, classification, handling, temporary storage, chain of custody and disposal of spoil – that complies with the spoil management requirements in condition B7 above; (d) include a detailed plan for managing the temporary spoil stockpiles of the development, which includes suitable triggers for remedial measures (if necessary) and describes the contingency measures that would be implemented to address any water quality risks; (e) investigating, assessing and managing contaminated land, soils and groundwater in the development area; (f) investigation, assessing and managing the potential for naturally occurring asbestos, potentially acid forming material and other hazardous materials in the development area; (g) include a detailed plan for managing and the disposal of all the reactive or contaminated spoil generated on site, including the contingency measures that would be implemented if the volumes of this spoil are greater than expected and unsuitable for land disposal; (h) include a program to monitor and publicly report on: (i) the management of spoil on site; (ii) progress against the detailed completion criteria and performance indicators. Following the Planning Secretary's approval, the Proponent must implement the approved Spoil Management Plan.	TG / UGL	SMP
Water Supply			
B9	The Proponent must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of the development to match its available water supply. *Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Proponent is required to obtain the necessary water licences for the development.*	TG / UGL	SWMP
Erosion and Sedimentation			

ID	Condition	Responsibility	Plan
B10	The Proponent must: (a) minimise erosion and control sediment generation; (b) take all reasonable and feasible measures to prevent a discharge to waters. This may include, but need not be limited to: (i) adopt enhanced erosion and sediment controls, taking into consideration the best available information from the Snowy 2.0 Main Works project; (ii) minimising the volume of dirty water generated onsite; and (iii) exploring and implementing beneficial reuse opportunities such as irrigation and dust suppression.	TG / UGL	ESCP
Pollution of Waters			
B11	Unless otherwise authorised by an EPL the Proponent must ensure the development does not cause any water pollution, as defined under Section 120 of the POEO Act.	TG / UGL	SWMP
B12	The Proponent must: (a) ensure that appropriate components of the substation are suitably bunded; (b) ensure that all liquid waste captured by the substation's spill oil containment system is classified, transported, and disposed of at a facility that can lawfully accept the waste; and (c) minimise any spills of hazardous materials or hydrocarbons, and clean up any spills as soon as possible after they occur.	TG / UGL	SWMP
B13	The Proponent must ensure that any groundwater dewatering activities do not discharge to watercourses.	TG / UGL	SWMP
Riparian Areas			
B14	The Proponent must ensure: (a) all activities on waterfront land are constructed in accordance with the *Guidelines for Controlled Activities on Waterfront Land (2012)*, unless DPE Water agrees otherwise; and (b) the geomorphic condition of the major rivers and distributary channels crossed by the development is not impacted.	TG / UGL	SWMP
Flooding			
B15	The Proponent must ensure that the development: (a) does not materially alter the flood storage capacity, flows or characteristics in the development area or off- site; and (b) is designed, constructed and maintained to reduce impacts on surface water, localised flooding and groundwater at the site, unless otherwise agreed by either FCNSW or NPWS.	TG / UGL	SWMP
Water Management Plan			

ID	Condition	Responsibility	Plan
B16	Prior to the commencement of construction, the Proponent must prepare a Water Management Plan for the development to the satisfaction of the Planning Secretary. This sub-plan must: (a) be prepared by a suitably qualified and experienced person in consultation with the EPA, FCNSW, NPWS, the Water Group and NSW DPI; (b) include provisions for: (i) detailed baseline data on surface water flows and quality in the watercourses that could be affected by the development, and a program to augment this baseline data over time; (ii) detailed criteria for determining surface water impacts of the development (flows, quality and flooding), including criteria for triggering remedial action (if necessary); and (iii) a description of the measures that would be implemented to minimise the surface water impacts of the development and comply with the relevant water management requirements in conditions B10 to B15 are complied with; and (c) managing flood risk during construction. Following the Planning Secretary's approval, the Proponent must implement the Water Management Plan.	TG / UGL	SWMP
BIODIVERSITY			
Restrictions on Clearing and Habitat			
B17	Unless otherwise agreed with the Planning Secretary, the Proponent must: (a) ensure that no more than: (i) 9.35 ha of Caladenia montana species habitat (ii) 89.06 ha of Gang-gang Cockatoo (breeding) species habitat (iii) 10.86 ha of Masked Owl (breeding) species habitat (iv) 117.29 ha of Eastern Pygmy-possum species habitat (v) 59.03 ha of Yellow-bellied Glider species habitat; and (vi) 1.67 ha of Booroolong Frog species habitat is cleared for the development; and (b) minimise: (i) the impacts of the development on hollow-bearing trees; (ii) the impacts of the development on threatened species; and (iii) the clearing of native vegetation and key habitat.	TG	BMP
Biodiversity Offset Package			

ID	Condition	Responsibility	Plan
B18	Prior to carrying out any development that would impact on biodiversity values outside Kosciuszko National Park, the Proponent must prepare a Biodiversity Offset Package (Package) that is consistent with the EIS, in consultation with BCS, to the satisfaction of the Planning Secretary in writing. The Package must include, but not necessarily be limited to: (a) details of the specific biodiversity offset measures to be implemented and delivered in accordance with the EIS; (b) the cost for each specific biodiversity offset measures, which would be required to be paid into the Biodiversity Conservation Fund if the relevant measures is not implemented and delivered (as calculated in accordance with Division 6 of the Biodiversity Conservation Act 2016 (NSW)) and the offset payment calculator that was established as of 29 July 2021; (c) the timing and responsibilities for the implementation and delivery of measures required in the Package; and (d) confirmation that the biodiversity offset measures will have been implemented and delivered by no later than 1st September 2024. Following approval, the Proponent must implement and deliver the Biodiversity Offset Package.	TG	Biodiversity Offset Package
B19	Prior to carrying out any development outside of the Kosciuszko National Park that could impact the biodiversity values requiring offset, the Proponent or its nominee must lodge a bank guarantee with a total value of $24,869,236, in accordance with the Deed of Agreement with the Planning Secretary executed on day month 2022. The Proponent must comply with the terms of the Deed. *Note: this condition provides security to the Minister for the performance of the Proponent's obligations under this approval in relation to biodiversity offsets and release funds for payment into the Biodiversity Conservation Trust in the event that the biodiversity offsets (either in whole or part) are not delivered in accordance with the Package by the Proponent.*	TG	Biodiversity Offset Package
Biodiversity Offset Package (Kosciuszko National Park)			

ID	Condition	Responsibility	Plan
B20	Prior to carrying out any development that could impact the biodiversity values inside Kosciuszko National Park, the Proponent or its nominee must pay $10,586,027 to the NPWS to offset the residual biodiversity impacts. Notes: • *The NPWS will use these funds and any interest generated by these funds to enhance the biodiversity values of the Kosciuszko National Park. However, in limited circumstances where it is not possible to address all of the residual impacts of the development within Kosciuszko National Park, the NPWS may use some of these funds to ensure suitable conservation actions are carried outside the park.* • *To ensure accountability, the NPWS will:* *- develop and implement a detailed program for the allocation of these funds to specific projects, focusing on the ecosystems and species affected by the development; and* *- monitor, evaluate and publicly report on the progress of the implementation of the detailed program and the effectiveness of the specific projects;* • *The NPWS will develop and implement a specific program in consultation with DCCEW and BCS to carry out conservation actions to address the residual biodiversity impacts of the development on the following Commonwealth listed species and communities:* *- Booroolong Frog.*	TG	Biodiversity Offset Package
Biodiversity Management Plan			
B21	Prior to carrying out any development that could impact biodiversity values, unless the Planning Secretary agrees otherwise, the Proponent must prepare a Biodiversity Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by a suitably qualified and experienced biodiversity expert/s in consultation with NPWS, BCS, FCNSW and DCCEEW; (b) be prepared in accordance with the Biodiversity Development Assessment Report (Revision 7, dated 22 August 2022); (c) include a description of the measures that would be implemented to: (i) ensure the development does not adversely affect the native vegetation and habitat outside the disturbance footprint; (ii) minimise the clearing of native vegetation and habitat within the disturbance area; (iii) minimise the impacts of the development on threatened flora and fauna species within the disturbance area and its surrounds, including the: • Caladenia montana; • Gang-gang Cockatoo; • Masked Owl; • Eastern Pygmy-possum; • Yellow-belied Glider; and • Booroolong Frog	TG / UGL	BMP

ID	Condition	Responsibility	Plan
	(iv) minimise the potential indirect impacts on threatened flora and fauna species, migratory species and 'at risk' species; (v) minimise potential fauna strike in sensitive habitat areas on the road network within the site, including reducing speed limits between sunset and sunrise; (vi) minimise the impacts on fauna on site, including undertaking pre-clearance surveys; (vii) protect native vegetation and key fauna habitat outside the approved disturbance area; (viii) monitor the areas of partial clearance within three months of the commencement of construction and provision of a verification report to confirm if any changes are required to the construction vegetation clearing protocols; (ix) maximise the salvage of resources within the disturbance area for reuse in the restoration of vegetation and habitat on site, including native vegetative material, hollow logs, ground timber, and topsoil containing vegetative matter and native seed bank; (x) collect seeds within the approved disturbance area for use in the ecological rehabilitation of the site; (xi) minimise the spread of weeds, pathogens and feral pests on site, and import or export of these matters to or from the site; (xii) minimise the generation and dispersion of sediment to watercourses, particularly the Sheep Station Creek, Lick Hole Gully, Cave Gully, Wallaces Creek and Yarrangobilly River; (xiii) minimise the light spill from night works, including using directional and LED lighting; and (xiv) minimise bushfire risk. (d) include construction clearing and operation vegetation management protocols (e) include a strategy to address: (i) management of activities within the 50 m exclusion zone of the Yarrangobilly River and its tributaries; (ii) a trigger action response plan identifying actions to be implemented should any water quality criteria be exceeded focusing on the extent to which exceedances might affect the Booroolong Frog; and (f) include a program to monitor, evaluate and publicly report on the effectiveness of these measures. Following the Planning Secretary's approval, the Proponent must implement the Biodiversity Management Plan.		
HERITAGE			
Protection of Heritage Items			
B22	The Proponent must ensure the development does not cause any direct or indirect impacts on: (a) any Aboriginal heritage items located outside the approved construction envelope (see Appendix 3); and (b) any of the historic heritage items outside the construction envelope (see Appendix 3).	TG / UGL	HMP

ID	Condition	Responsibility	Plan
B23	Prior to carrying out any activity that could harm heritage items, the Proponent must: (a) salvage and relocate all heritage items identified for salvage and relocation to a suitable alternative location, in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW (DECCW, 2010)*; (b) undertake archival recording, test excavation and/or salvage of the historic items listed in Table 5 and Table 7 of Appendix 3 if these items are to be affected by the development.	TG / UGL	HMP
Heritage Management Plans			
B24	Prior to carrying out any development that could directly or indirectly impact the heritage items identified in Appendix 3, the Proponent must prepare a Heritage Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared in consultation with Heritage Council, Heritage NSW, NPWS and Aboriginal Stakeholders; (b) include a description of the measures that would be implemented for: (i) protecting the heritage items identified in Table 1 of Appendix 3, including fencing off the heritage items (where required) prior to carrying out any development that could harm the heritage items, and protecting any items located outside the approved construction envelope; (ii) salvaging and relocating the heritage items identified in condition B24; (iii) where impacts cannot be avoided to R56 and R120, details of the proposed archaeological research design and excavation methodology, and findings of the Final Archaeological Excavation Report, in accordance with the relevant Heritage Council guidelines; (iv) minimising and managing the impacts of the development on heritage items within the construction envelope, including a strategy for the long-term management of any heritage items or material collected during the test excavation or salvage works; (v) a contingency plan and reporting procedure if: • heritage items outside the approved construction envelope are damaged; • previously unidentified heritage items are found; or • Aboriginal skeletal material is discovered; (vi) ensuring workers on site receive suitable heritage inductions prior to carrying out any development on site, and that records are kept of these inductions; and (vii) ongoing consultation with Aboriginal stakeholders during the implementation of the plan; and (c) include a program to monitor and publicly report on the effectiveness of these measures and any heritage impacts of the development; and (d) include a program to publish; (i) any detailed archival records required under the conditions of this approval; and (ii) the findings of any excavations and salvage works. Following the Planning Secretary's approval, the Proponent must implement the Heritage Management Plan.	TG / UGL	HMP

ID	Condition	Responsibility	Plan
TRAFFIC AND TRANSPORT			
Designated Heavy and Over-Dimensional Vehicle Routes			
B25	All over-dimensional vehicles associated with the development must only travel to and from the site via the Primary Access Routes described in the EIS, as identified in the figure in Appendix 4, unless the Planning Secretary agrees otherwise. *Note: The Proponent is required to obtain relevant permits under the Heavy Vehicle National Law (NSW) for the use of over- dimensional vehicles on the road network.*	TG / UGL	TTMP
B26	All heavy and light vehicles associated with the development: (a) must travel to and from the site via the Primary Access Route described in the EIS, as identified in the figure in Appendix 4; and (b) may travel to and from the site via the Secondary Access Routes and Water Supply Routes, subject to the requirements in condition B31, to the satisfaction of the relevant roads authority/manager. unless the Planning Secretary agrees otherwise.	TG / UGL	TTMP
Transport Strategy			
B27	Prior to commencing construction in Project Area West, the Proponent must prepare a Transport Strategy, in consultation with the relevant roads authority/manager, to the satisfaction of the Planning Secretary, which: (a) identifies the location and type of any necessary road upgrades (including roads, intersections, crossing points, bridges and access points), including consideration of relevant amenity impacts; (b) ensures that any road upgrades comply with the Austroads Guide to Road Design (as amended by TfNSW supplements), unless the relevant road authority agrees otherwise; (c) includes a detailed assessment of potential impacts of any necessary road upgrades (such as heritage and biodiversity impacts), including consideration of appropriate mitigation measures; (d) identifies whether intersections, crossing points and access points would be permanent or temporary; and (e) includes measures or notifying, seeking feedback from and addressing the concerns of impacted residents along the route;	TG / UGL	Transport Strategy
B28	Prior to commencing construction in Project Area West, the proponent must implement the road upgrades and the mitigation measures identified in the Transport Strategy in condition B27, to the satisfaction of the relevant roads authority/manager.	TG / UGL	Transport Strategy
Road Maintenance			

ID	Condition	Responsibility	Plan
B29	The Proponent must: (a) undertake an independent dilapidation survey to assess the: (i) existing condition of all local roads on the transport route shown in the figure in Appendix 4 (including local road crossings) prior to construction, upgrading or decommissioning works; and (ii) condition of all local roads on the transport route (including local road crossing): • within 1 month of the completion of construction, upgrading or decommissioning works, or within a timeframe agreed to by the relevant roads authority/manager; • on an annual basis during construction, or within a timeframe agreed to by the relevant roads authority/manager; (b) repair (or pay the full costs associated with repairing) any damage to local roads on the transport route (including local road crossings): (c) rehabilitate and/or make good any development related damage: (i) identified during the construction and/or decommissioning works if it could endanger road safety, as soon as possible after it is identified but within 7 days at the latest, unless the relevant road authority/manager agrees otherwise; and (ii) identified in any dilapidation survey completed after the construction, upgrading or decommissioning works within 2 months of the completion of the survey to the satisfaction of the relevant roads authority/manager	TG / UGL	TTMP
Vehicle Restrictions			
B30	The Proponent must: (a) restrict development-related vehicle speeds on Lobs Hole Ravine Road, Mine Trail Road and within the site to 30 km/h between sunset and sunrise, unless the Planning Secretary agrees otherwise; (b) restrict the use of Elliott Way inside KNP to no more than 8 heavy vehicles per day, for water cartage purposes only from the Snowy Hydro T2 Tailbay site; (c) restrict vessel speeds on Talbingo Reservoir to current TfNSW speed limits.	TG / UGL	TTMP
Bridge Crossing – Sheep Station Creek			
B31	The Proponent must ensure that any temporary and the permanent bridge over Sheep Station Creek is designed and constructed to comply with the relevant requirements of the: (a) Relevant Austroads Standards (such as elevating them above the 1% AEP flood level); (b) Guidelines for Controlled Activities on Waterfront Land (NRAR, 2018); and (c) Policy and Guidelines for Fish Habitat Conservation (DPI, 2013) and Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings (NSW Fisheries, 2003).	TG / UGL	Design, SWMP
Traffic and Transport Management Plan			

ID	Condition	Responsibility	Plan
B32	Prior to commencing construction or road upgrades identified in condition B27 (whichever comes first), the Proponent must prepare a Traffic Management Plan for the development in consultation with FCNSW, NPWS, TfNSW, Snowy Valleys Council, Snowy Monaro Regional Council and NSW Police, and to the satisfaction of the Planning Secretary. This plan must include: (a) details of the transport route to be used for all development-related traffic; (b) details of the road upgrade works required by condition B27 of this approval; (c) details of the measures that would be implemented to comply with the transport management requirements in conditions B25 to B30 above; (d) details of the measures that would be implemented to: (i) minimise traffic safety impacts of the development and disruptions to local road users during construction, upgrading or decommissioning works, including: • a description of the proposed dilapidation surveys required by condition B29 of this approval; • a description of the proposed measures for managing traffic flow around the work sites, construction compounds and accommodation camp; • scheduling heavy vehicle movements to avoid peak periods; • minimising convoy lengths; • reducing the speeds of development-related traffic at key intersections along the Snowy Mountains Highway, including the Link Road intersection; • temporary traffic controls, including detours and signage; • procedures for stringing cables and transmission lines across roads and Talbingo Reservoir; • notifying the local community about development-related traffic impacts; • procedures for receiving and addressing complaints from the community about development- related traffic; • minimising potential cumulative traffic impacts with other projects in the area; • minimising potential conflict between development-related traffic and rail services, stock movements and school buses, in consultation with local schools, including preventing queueing on the public road network; • minimising impacts to the public using Talbingo Reservoir and any water related infrastructure such as the O'Hares campground boat ramp; • implementing measures to minimise development-related traffic on the public road network outside standard construction hours; • minimising dirt and debris tracked on to the public road network from development related-traffic; • details of the 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; • encouraging car-pooling or ride sharing by employees; • scheduling the haulage vehicle movements to minimise convoy lengths or platoons; • responding to local climate conditions that may affect road safety, such as snow, ice, fog, dust, wet weather and flooding;	TG / UGL	TTMP

ID	Condition	Responsibility	Plan
	• ensuring loaded vehicles entering or leaving the site have their loads covered or contained and leave site in a forward direction; • responding to any emergency repair or maintenance requirements; • provisions for maintaining access to the site for FCNWS, NPWS and emergency vehicle access to the site at all times; • a traffic management system for managing over-dimensional vehicles; and • fatigue management; (ii) minimise the impacts of the road and intersection upgrades of the development; (iii) provide sufficient parking on site for all vehicles and ensure vehicles associated with the development do not park on the public road network; (iv) maintain all roads and water-related infrastructure on site in a safe and serviceable condition; (v) minimise the traffic noise impacts of the development; (e) details of the haulage of spoil to be disposed within Kosciuszko National Park in accordance with condition B7; (f) ensure any vessel or structure occupying waters must display appropriate shapes and lights in accordance with the *Marine Safety (Domestic Commercial Vessel) National Law* 2012; (g) include a detailed: (i) Heavy Vehicle Salvage Plan; (ii) Driver's Code of Conduct; (iii) Marine Transport Management Plan; (iv) Snow & Ice Traffic Management Plan; (v) Communication Strategy to keep the public informed about the impacts of the development; (h) include a program to: (i) ensure drivers working on the development receive suitable training on the code of conduct and any other relevant obligations under the Traffic Management Plan; (ii) record and track vehicle movements; and (iii) monitor and publicly report on the effectiveness of these measures. Following the Planning Secretary's approval, the Proponent must implement the Traffic Management Plan.		
Long-Term Road Strategy – Kosciuszko National Park			

ID	Condition	Responsibility	Plan
B33	Within 2 years of the commencement of construction, unless the Planning Secretary agrees otherwise, the Proponent must prepare a Long-Term Road Strategy for the development to the satisfaction of NPWS. This strategy must: (a) identify the road network within the Kosciuszko National Park required for the development during operations, including the detailed specifications for this road network; (b) identify which roads within the Kosciuszko National Park can be narrowed or closed following construction and then rehabilitated; (c) include a detailed program for the rehabilitation of these roads, which can be incorporated into the Rehabilitation Management Plan for the development; and (d) identify future road maintenance and funding responsibilities for the long-term road network following construction. Following the Planning Secretary's approval, the Proponent must implement the Long-Term Road Strategy.	TG	Long-Term Road Strategy
VISUAL AMENITY			
Visual Appearance			
B34	The Proponent must: (a) take reasonable steps to minimise the visual impacts of the development; (b) ensure all transmission towers blend into the surrounding landscape as far as possible and minimises the potential for glare and reflection by either: (i) painting towers with a colour that; and/or (ii) pre-dulling towers with a finish that; (c) ensure the visual appearance of ancillary facilities (including paint colours), blends in as far as possible with the surrounding landscape; and (d) not mount any advertising signs or logos on site, except where this is required for identification or safety purposes.	TG	Design, VIMP
B35	The Proponent must: (a) take all reasonable steps to minimise the off-site visual impacts of the development; and (b) ensure that any external lighting associated with the development: • is installed as low intensity lighting (except where required for safety or emergency purposes); • does not shine above the horizontal; and • complies with Australian/New Zealand Standard AS/NZS 4282:2019 – Control of Obtrusive Effects of Outdoor Lighting	TG / UGL	Design, VIMP

ID	Condition	Responsibility	Plan
Visual Impact Management Plan			
B36	Prior to the commencement of construction, the Proponent must prepare a Visual Impact Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared in consultation with FCNSW and the NPWS; (b) describe the measures that would be implemented to comply with condition B34 above; and (c) include detailed plans for minimising the visual impacts of the following permanent infrastructure: (i) Maragle switchyard and substation; (ii) transmission line, towers and easement. Following the Planning Secretary's approval, the Proponent must implement the Visual Impact Management Plan for the development.	TG	VIMP
PARK VALUES			
B37	The Proponent must make the following payments to NPWS for residual impacts of the development on park values: (a) $1 million prior to carrying out any development; (b) $1 million within 1 year of commencing construction; (c) $1 million within 2 years of commencing construction; (d) $1 million within 3 years of commencing construction; (e) $1 million within 4 years of commencing construction; unless the Planning Secretary agrees otherwise. *Note: The NPWS will use these funds and any interest generated by these funds to enhance the park values of the Kosciuszko National Park. The NPWS will:* *• develop a detailed program for the allocation of these funds to specific projects;* *• monitor, evaluate and publicly report on the spending of these funds and the effectiveness of these projects.*	TG	VIMP
B38	Within 6 months of the commencement of construction, the Proponent must prepare an Additional Easement Rehabilitation Strategy to the satisfaction of NPWS, to undertake the following infrastructure projects, that addresses: (a) Providence Portal substation to Tantangara Dam – removal of transmission line, replacement with underground line, if it cannot be decommissioned, and rehabilitation of the easement; (b) Eucumbene Portal to Happy Jacks transmission – lines being removed and replaced by an alternative standalone power supply and rehabilitation of the easement; and (c) timing for each program of works. Following approval, the Proponent must implement the Additional Easement Rehabilitation Strategy.	TG	Easement Rehabilitation Strategy
HAZARD AND RISK			

ID	Condition	Responsibility	Plan
Dangerous Goods			
B39	The Proponent must ensure that the storage, handling, and transport of dangerous goods is undertaken in accordance with the relevant Australian Standards and guidelines, particularly *AS1940 The storage and handling of flammable and combustible liquids and AS/NZS 1596:2014 The storage and handling of LP Gas, the Dangerous Goods Code, and the EPA's Storing and Handling of Liquids: Environmental Protection – Participants Manual.*	TG / UGL	SWMP
Electric and Magnetic Fields			
B40	The Proponent must ensure that the design, construction and operation of the development is managed to comply with the applicable electric and magnetic fields (EMF) limits in the *International Commission on Non-Ionizing Radiation Protection (ICNIRP) Guidelines for limiting exposure to time-varying electric and magnetic fields (1Hz – 100 kHz) (ICNIRP, 2010).*	TG	Design
Operating Conditions			
B41	The Proponent 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 requirement sin the RFS's Planning for Bushfire Protection 2019 (or equivalent) and Standards for Asset Protection Zones; (ii) is suitably equipped to respond to any fire on site, including provision of a 20,000 litre water supply tank fitted with a 65 mm Storz fitting and a FRNSW compatible suction connection located at each of the construction compounds; (iii) incorporates the recommendations of a fire risk assessment as per Transgrid's design standards; (c) ensures that buildings within the compounds comply with Australian Standard AS3959-2018 Construction of buildings in bushfire-prone areas (or equivalent) and RFS's *Planning for Bushfire Protection 2019*; (d) ensure any fire trails or asset protection zones associated with the development are wholly contained within the approved disturbance area; (e) develop procedures to manage potential fires on site, in consultation with the RFS, FRNSW, FCNSW and NPWS; (f) assist the RFS, FRNSW, FCNSW, NPWS and emergency services as much as practicable if there is a fire in the vicinity of the site; and (g) notify the relevant local emergency management committee following completion of construction of the development, and prior to commencing operations.	TG / UGL	EP
Emergency Plan			

ID	Condition	Responsibility	Plan
B42	Prior to commencing construction, the Proponent must prepare and implement a comprehensive Emergency Plan and detailed emergency procedures for the development, in consultation with the Local Emergency Management Committee and to the satisfaction of the NPWS, FCNSW, RFS and FRNSW. This plan must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by NPWS and FCNSW; (b) be consistent with: (i) the Department's *Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning'*, (ii) *Kosciuszko National Park Fire Management Strategy 2008-2013* (NPWS, 2008), (iii) FCNSW Guidelines including the *Code of Practice for Timber Harvesting in Softwood Plantations 2022*; (iv) RFS's *Planning for Bushfire Protection 2019* (or equivalent); (v) RFS's *Development Planning – A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan* (RFS, 2014); (vi) the *Fire and Rescue NSW Act 1989*; and (vii) the *Work Health and Safety (WHS) Act 2011*; (c) include evacuation protocols for the site; (d) describe the measures that would be implemented to: (i) minimise the risk of bushfire on site; (ii) protect the assets on site from bushfires; (iii) respond to any bushfires on or in the vicinity of the site; (iv) minimise flood risks on site, including flooding response procedures; (v) minimise the risk of landslips on site, including landslip response procedures; (vi) evacuate the site in an emergency; and (e) include details on how live transmission infrastructure can be safely isolated in an emergency. The Proponent must implement the Emergency Plan for the duration of the development.	TG / UGL	EP
WASTE			
B43	Excluding the spoil generated by the development from within KNP, waste generated during construction, operation, upgrading and decommissioning must be dealt with in accordance with the following priorities: (a) waste generation must be avoided and where avoidance is not reasonably practicable, waste generation must be reduced; (b) where avoiding or reducing waste is not possible, waste must be re-used, recycled, or recovered; and (c) where re-using, recycling or recovering waste is not possible, waste must be treated or disposed of.	TG / UGL	SWMP
B44	The importation of waste and storage, treatment, processing, reprocessing or disposal of such waste must comply with the *Protection of the Environment Operations Act 1997, the Protection of the Environment Operations (Waste) Regulation 2014*, and orders or exemptions under the regulation.	TG / UGL	SWMP

<table>
<tr><th>ID</th><th>Condition</th><th>Responsibility</th><th>Plan</th></tr>
<tr><td>B45</td><td>Waste must only be exported to a site licensed by the EPA for the storage, treatment, processing, reprocessing or disposal of the subject waste, or in accordance with a Resource Recovery Exemption or Order issued under the Protection of the Environment Operations (Waste) Regulation 2014, or to any other place that can lawfully accept such waste.</td><td>TG / UGL</td><td>SWMP</td></tr>
<tr><td>B46</td><td>All waste that is removed from site must be classified in accordance with the EPA's Waste Classification Guidelines, with appropriate records and disposal dockets retained for audit purposes.</td><td>TG / UGL</td><td>SWMP</td></tr>
<tr><td colspan="4">REHABILITATION</td></tr>
<tr><td>B47</td><td>The Proponent must:
(a) rehabilitate all parts of the site within the Kosciuszko National Park to comply with the rehabilitation objectives in Table 2 and the ecological rehabilitation objectives in Table 3;
(b) rehabilitate the Bago State Forest site to comply with the rehabilitation objectives in Table 2;
(c) complete the rehabilitation of the site, including the removal of all temporary infrastructure, creation of landforms, narrowing of roads within 3 years of completing construction;
(d) complete the ecological rehabilitation of the site, apart from areas used for operations, within 20 years of completing construction;
(e) complete the final rehabilitation of the site, including the removal of all remaining infrastructure within 3 years of decommissioning the development; and
(f) complete the ecological rehabilitation of the areas used for operations within 20 years of decommissioning the development.
Table 2 Rehabilitation Objectives
<table>
<tr><th>Feature</th><th>Objective</th></tr>
<tr><td>Land Use</td><td>Return the site to its previous use in consultation with NPWS and FCNSW</td></tr>
<tr><td>Land</td><td>Safe, stable and non-polluting;
Progressively rehabilitate the site as soon as possible following disturbance;
Employ interim rehabilitation strategies to areas that can't be permanently rehabilitated yet to minimise dust generation, erosion, uncontrolled discharges of sediment, and the spread of weeds to other parts of the Kosciuszko National Park;</td></tr>
<tr><td>Infrastructure</td><td>Decommission and remove infrastructure, unless NPWS and/or FCNSW agrees otherwise;</td></tr>
<tr><td>Community</td><td>Ensure public safety</td></tr>
</table></td><td>TG</td><td>RMP</td></tr>
</table>

<table>
<tr><th>ID</th><th>Condition</th><th>Responsibility</th><th>Plan</th></tr>
<tr><td></td><td>
Table 3 | Ecological rehabilitation objectives, including indicative completion criteria and performance indicators
<table>
<tr><th>Ecological rehabilitation objective</th><th>Completion criteria</th><th>Performance indicators</th></tr>
<tr><td>Objective 1: The vegetation composition of the rehabilitation is recognisable as a plant community type (PCT) contained within the BioNet Vegetation Classification and which was present on site prior to the project's temporary disturbance</td><td>(a) Native plant species composition is characteristic of the target PCT based on suitable analysis against a reference data set using the PCT Assignment Tool
(b) The target PCT BAM composition score is within or greater than the inter-quartile range of local reference site values for the assigned PCT.</td><td>All native vascular plant species are monitored to species level from fixed 0.04 ha monitoring plots in accordance with the BAM, transect intercept method, and/or other method approved by the Planning Secretary. Monitoring should include appropriate reference sites outside the disturbance area, ideally capturing the range of variation of the 2003 and 2019/20 fires.</td></tr>
<tr><td>Objective 2: The vegetation structure of the rehabilitation is recognisable as, or shows a substantial trend towards, a PCT contained within the BioNet Vegetation Classification and which was present on site prior to the project's temporary disturbance.</td><td>Cover, abundance and height range of native plant growth forms are characteristic of the target PCTs and within or greater than the inter-quartile range of local reference site values for the assigned PCT.</td><td>The cover, abundance and height range of all native vascular plant species are monitored from fixed 0.04 ha monitoring plots in accordance with the BAM, transect intercept method, and/or other method approved by the Planning Secretary.</td></tr>
<tr><td rowspan="4">Objective 3: Levels of ecosystem function have been established that demonstrate the rehabilitation is self-sustainable or shows a substantial trend towards a self-sustaining state.</td><td>Growth medium, including topsoil, is suitable for target PCTs establishment, and indicators of nutrient cycling are suitable for sustaining the target PCTs.
All priority attributes of nutrient cycling, soil processes and both subsoil and topsoil properties should be within or greater than the interquartile range of local reference site values for the assigned PCT.</td><td>Growth medium, covering both subsoil and topsoil properties, and soil processes are monitored using methods approved by the Planning Secretary.</td></tr>
<tr><td>Rehabilitation vegetation communities are maturing, and natural recruitment is occurring for species within each growth form at rates within or greater than the interquartile range of local reference site values for the assigned PCT.</td><td>All species are monitored for establishment of second-generation juveniles/immatures and capacity for recruitment from fixed 0.04 ha monitoring plots in accordance with the BAM, transect intercept method, and/or other method approved by the Planning Secretary</td></tr>
<tr><td>The number and ground cover of weed species is comparable to, or less than, the interquartile range of local reference site values for the assigned PCT.</td><td>Number and ground cover of weed species are monitored from fixed 0.04 ha monitoring plots in accordance with the BAM, transect intercept method, and/or other method approved by the Planning Secretary.</td></tr>
<tr><td>Fauna habitat features and resources (food and shelter characteristics) within the rehabilitation vegetation communities are present and within or greater than the interquartile range of local reference site values for the assigned PCT.</td><td>Presence/absence of some fauna habitat features (e.g. flowering plant, decorticating bark, stags with hollows and/or nest boxes) and quantitative assessment of other features (e.g. leaf litter cover, bare ground, wood debris) are monitored from fixed 0.04 ha monitoring plots in accordance with the BAM, transect intercept method and/or other method approved by the Planning Secretary.</td></tr>
</table>
</td><td></td><td></td></tr>
<tr><td colspan="3">Rehabilitation Management Plan</td><td></td></tr>
</table>

ID	Condition	Responsibility	Plan
B48	Within 12 months following commencement of construction, the Proponent must prepare a Rehabilitation Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by a suitably qualified and experienced person in consultation with the NPWS, FCNSW, BCS, EPA, NSW DPI and TfNSW; (b) be consistent with the Spoil Management Plan, Long-Term Road Strategy and Visual Mitigation Management Plan; (c) include a conceptual plan for the rehabilitation of the whole site; (d) include the detailed program for the rehabilitation of roads in the Kosciuszko National Park in accordance with the approved Long-Term Road Strategy; (e) include a topsoil balance for the site, which includes a strategy for: (i) maximising the reuse of topsoil on site (provided it is suitable for reuse); (ii) using other suitable growth media; and (iii) importing additional topsoil to the site (if necessary); (f) include a native seed collection and propagation program in accordance with Florabank (www.florabank.org.au) and/or NPWS guidelines for the site, which includes a strategy for: (i) maximising the collection and use of native seed resources from the site prior to disturbance; (ii) collecting seed from the surrounding area, including other parts of the Kosciuszko National Park (with the approval of the NPWS); and (iii) prioritising the use of local sources of seed for the ecological rehabilitation of the site; (g) include a detailed ecological rehabilitation management plan for the development that: (i) provides an overarching description of the proposed ecological rehabilitation works, identifying the: • plant community types to be established; and • area of land to be established for each plant community type; (ii) provides maps showing the proposed location of each plant community type; (iii) describes the detailed measures that would be implemented to comply with the ecological rehabilitation objectives in Table 3; (h) identify the key risks to the successful completion of the rehabilitation and describe the contingency measures that would be implemented to address these risks; (i) include detailed completion criteria and performance indicators for the rehabilitation of the development (having regard) to the criteria and indicators in Table 3, including criteria for triggering remedial action (if necessary); and (j) include a program to monitor and publicly report on: (i) the rehabilitation of the site; (ii) the implementation of the each of the detailed plans, including the effectiveness of the proposed mitigation and contingency measures; and (iii) progress against the detailed completion criteria and performance indicators; and Following the Planning Secretary's approval, the Proponent must implement the Rehabilitation Management Plan	TG / UGL	RMP

ID	Condition	Responsibility	Plan
SCHEDULE 2 - PART C - ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING			
ENVIRONMENTAL MANAGEMENT STRATEGY			
C1	Prior to commencing development, the Proponent must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must: (a) provide the strategic framework for environmental management of the development; (b) identify the statutory approvals that apply to the development; (c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (d) set out the procedures that would be implemented to: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the development; (ii) receive, handle, respond to, and record complaints; (iii) resolve any disputes that may arise; (iv) respond to any non-compliance; (v) respond to emergencies; and (e) include: (i) references to any strategies, plans and programs approved under the conditions of this approval; and (ii) a clear plan depicting all the monitoring to be carried out in relation to the development, including a table summarising all the monitoring and reporting obligations under the conditions of this approval. Following the Planning Secretary's approval, the Proponent must implement the Environmental Management Strategy.	TG / UGL	EMS, CEMP
REVISION OF STRATEGIES, PLANS AND PROGRAMS			
C2	The Proponent must review and, if necessary, revise the strategies, plans or programs required under this approval to the satisfaction of the Planning Secretary within 3 months of the: (a) the submission of an incident report under condition C7; (b) the submission of an Independent Audit under condition C10; (c) the approval of any modification of the conditions of this approval; or (d) the issue of a direction of the Planning Secretary under condition A2 which requires a review.	TG / UGL	EMS, CEMP
STAGING, COMBINING AND UPDATING STRATEGIES, PLANS OR PROGRAMS			

ID	Condition	Responsibility	Plan
C3	With the approval of the Planning Secretary, the Proponent may: (a) prepare and submit any strategy, plan or program required by this approval on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program); (b) combine any strategy, plan or program required by this approval (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and (c) update any strategy, plan or program required by this approval (to ensure the strategies, plans and programs required under this approval are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development). If the Planning Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this approval. 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. If the Planning Secretary agrees, a strategy, plan or program may be staged without addressing particular requirements of the relevant condition of this approval if those requirements are not applicable to the particular stage.	TG / UGL	EMS, CEMP
NOTIFICATIONS			
Notification of Department			
C4	Prior to commencing development, construction, operations, upgrading or decommissioning of the development or, the Proponent must notify the Department in writing via the Major Projects website portal and NPWS and FCNSW of the date of commencing the relevant phase. If any of these phases of the development are to be staged, then the Proponent must notify the Department in writing prior to commencing the relevant stage, and clearly identify the development that would be carried out during the relevant stage.	TG	EMS, CEMP
Final Layout Plans			
C5	Prior to commencing construction, the Proponent must submit detailed plans of the final layout of the development to the Department via the Major Projects website, including: (a) details on siting of transmission towers and ancillary facilities; and (b) showing comparison to the approved layout and approved vegetation clearing. The Proponent must ensure that the development is constructed in accordance with the Final Layout Plans.	TG	Design Layout Plans
Works as Executed Plans			

ID	Condition	Responsibility	Plan
C6	Prior to commencing operations, the Proponent must submit plans that confirm the constructed layout of the development and showing comparison to the final layout plans to the Planning Secretary, via the Major Projects website.	TG	As-built Plans
Incident Notification			
C7	The Department and the NPWS must be notified via the Major Projects website portal immediately after the Proponent 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 5.	TG	EMS, CEMP
Non-Compliance Notification			
C8	The Planning Secretary and the NPWS must be notified in writing via the Major Projects website portal within seven days after the Proponent becomes aware of any non-compliance.	TG	EMS, CEMP
C9	A non-compliance notification must identify the development and the application number for it, set out the condition of approval that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance. *Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.*	TG	EMS, CEMP
INDEPENDENT ENVIRONMENTAL AUDIT			
C10	Independent Audits of the development must be conducted and carried out at the frequency described and in accordance with the *Independent Audit Post Approval Requirements* (2020), unless otherwise agreed or directed by the Planning Secretary.	TG / UGL	EMS, CEMP
ACCESS TO INFORMATION			

ID	Condition	Responsibility	Plan
C11	The Proponent must: (a) make the following information and documents publicly available on its website as relevant to the stage of the development: (i) the EIS; (ii) the final layout plans for the development; (iii) current statutory approvals for the development; (iv) approved strategies, plans or programs required under the conditions of this approval; (v) the proposed staging plans for the development if the construction, operation and/or decommissioning of the development is to be staged; (vi) a comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this approval; (vii) how complaints about the development can be made; (viii) any independent environmental audit, and the Proponent's response to the recommendations in any audit; and (ix) any other matter required by the Planning Secretary; and (b) keep such information up to date.	TG	EMS, CEMP
APPENDIX 5 - WRITTEN INCIDENT NOTIFICATION AND REPORTING REQUIREMENTS			
Written Incident Notification Requirements			
1	A written incident notification addressing the requirements set out below must be notified to the Department via the Major Projects website within seven days after the Proponent becomes aware of an incident. Notification is required to be given under this condition even if the Proponent fails to give the notification required under condition C7 or, having given such notification, subsequently forms the view that an incident has not occurred.	TG	EMS, CEMP
2	Written notification of an incident must: (a) identify the development and application number; (b) provide details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident); (c) identify how the incident was detected; (d) identify when the Proponent became aware of the incident; (e) identify any actual or potential non-compliance with conditions of approval; (f) describe what immediate steps were taken in relation to the incident; (g) identify further action(s) that will be taken in relation to the incident; and (h) identify a project contact for further communication regarding the incident.	TG / UGL	EMS, CEMP

ID	Condition	Responsibility	Plan
Incident Report Requirements			
3	Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary, the Proponent must provide the Planning Secretary and any relevant public authorities (as determined by the Planning Secretary) with a detailed report on the incident addressing all requirements below, and such further reports as may be requested.	TG	EMS, CEMP
4	The Incident Report must include: (a) a summary of the incident; (b) outcomes of an incident investigation, including identification of the cause of the incident; (c) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and (d) details of any communication with other stakeholders regarding the incident.	TG / UGL	EMS, CEMP

A.2 EPBC ACT APPROVAL

EPBC Approval 2018/8363 (DCCEEW, 21st October 2022)

ID	Condition	Responsibility	Plan
PART A – CONDITIONS SPECIFIC TO THE ACTION			
1	To minimise the impacts of the action on protected matters, the approval holder must: a. not clear more than: i. 1.67 ha of habitat for Booroolong Frog; and ii. 118.34 ha of habitat for Spot-tailed Quoll; and b. minimise the impacts of the Action on hollow-bearing trees.	TG / UGL	BMP
2	The approval holder must not clear outside the project area.	TG / UGL	BMP
3	To mitigate impacts on protected matters, the approval holder must implement conditions B21, B41 and C1 of the State Infrastructure Approval, in so far as they relate to monitoring, mitigating and avoiding impacts to protected matters.	TG / UGL	EMS CEMP BMP SWMP EP
4	The Biodiversity Management Plan required under condition B21 of the State Infrastructure Approval must: a. be consistent with relevant statutory documents; b. demonstrate how the approval holder will minimise erosion and control sediment generation; c. demonstrate how the approval holder will take all reasonable and feasible measures to prevent any discharge to waters; d. in respect of all watercourses which contain habitat for Booroolong Frog, as indicated by the areas within the yellow polygons designated 'Booroolong Frog' within the designated 'Study area' in the map at Attachment B, specify: i. what and how detailed baseline data on surface water flows and quality will be collected prior to the commencement of the Action; and ii. a program to augment data regarding surface water flows and quality data over time; e. specify detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog, including criteria for triggering remedial action (if necessary);	TG / UGL	BMP

ID	Condition	Responsibility	Plan
	f. specify a monitoring program capable of detecting any specified criteria for triggering remedial action, if they occur; and g. include a description of the measures that will be implemented to minimise the surface water impacts of the Action on the Booroolong Frog.		
5	The approval holder must submit the Biodiversity Management Plan and Environmental Management Strategy required by conditions B21 and C1 of the State Infrastructure Approval to the department for the Minister's approval before they are approved by the NSW Planning Secretary.	TG / UGL	BMP EMS
6	The approval holder must implement the Biodiversity Management Plan and Environmental Management Strategy approved by the Minister until the end date of this approval, unless otherwise agreed by the Minister in writing.	TG / UGL	BMP EMS
7	To offset the impacts of the Action on protected matters, the approval holder must implement conditions B18, B19 and B20 of the State Infrastructure Approval.	TG	BMP
8	The approval holder must notify the department in writing within 10 business days of making a biodiversity offset payment to the NSW National Parks and Wildlife Service. Each notification must state the date of payment, the amount paid, and the component of the biodiversity offset obligations in respect of which the payment is made.	TG	Biodiversity Offset Package
SUBMISSION AND PUBLICATION OF PLANS			
9	The approval holder must submit all plans required by these conditions electronically to the department.	TG / UGL	EMS
10	Unless otherwise agreed to in writing by the Minister, the approval holder must publish each plan on the website within 15 business days of the date: a. the plan is approved by Secretary of the NSW Department of Planning and Environment as required under a state/territory government condition which must be complied with in accordance with these EPBC Act conditions.	TG / UGL	EMS
11	The approval holder must keep all published plans required by these conditions on the website until the expiry date of this approval.	TG / UGL	EMS
12	The approval holder is required to exclude or redact sensitive ecological data from plans published on the website or otherwise provided to a member of the public.	TG / UGL	BMP
13	If sensitive ecological data is excluded or redacted from a plan in accordance with condition 12, the approval holder must notify the department in writing what exclusions and redactions have been made in the version published on the website.	TG / UGL	EMS

ID	Condition	Responsibility	Plan
PART B – ADMINISTRATIVE CONDITIONS			
NOTIFICATION OF DATE OF COMMENCEMENT OF THE ACTION			
14	The approval holder must notify the department electronically of the date of commencement of the Action, within 5 business days of commencement of the Action.	TG	EMS
15	If the commencement of the Action does not occur within 5 years from the date of this approval, then the approval holder must not commence the Action without the prior written agreement of the Minister.	TG	EMS
COMPLIANCE RECORDS			
16	The approval holder must maintain accurate and complete compliance records.	TG / UGL	EMS CEMP
17	If the department makes a request in writing, the approval holder must provide electronic copies of compliance records to the department within the timeframe specified in the request. Note: Compliance records may be subject to audit by the department, or by an independent auditor in accordance with section 458 of the EPBC Act, and/or be used to verify compliance with the conditions. Summaries of the results of an audit may be published on the department's website or through the general media.	TG / UGL	EMS
18	The approval holder must ensure that any monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the department's Guidelines for biological survey and mapped data (2018), or any subsequent official version or as otherwise specified by the Minister in writing.	TG / UGL	CEMP
19	The approval holder must ensure that any monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the department's Guide to providing maps and boundary data for EPBC Act projects (2021), or any subsequent official version or as otherwise specified by the Minister in writing.	TG / UGL	CEMP
20	The approval holder must submit all monitoring data (including sensitive ecological data), surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence) electronically to the department within 12 months of the commencement of the Action.	TG / UGL	CEMP

ID	Condition	Responsibility	Plan
ANNUAL COMPLIANCE REPORTING			
21	The approval holder must prepare a compliance report for each 12-month period following the date of this approval, or as otherwise agreed to in writing by the Minister.	TG	CEMP
22	Each compliance report must be consistent with the department's Annual Compliance Report Guidelines (2014), or any subsequent official version.	TG	CEMP
23	Each compliance report must include: a. Accurate and complete details of compliance and any non-compliance with the conditions and the plans, and any incidents. b. One or more shapefile showing all clearing of any protected matters, and/or their habitat, undertaken within the 12-month period at the end of which that compliance report is prepared. c. A schedule of all plans in existence in relation to these conditions and accurate and complete details of how each plan is being implemented.	TG	CEMP
24	The approval holder must: a. Publish each compliance report on the website within 60 business days following the end of the 12-month period for which that compliance report is required. b. Notify the department electronically, within 5 business days of the date of publication that a compliance report has been published on the website. c. Provide the weblink for the compliance report in the notification to the department. d. Keep all published compliance reports required by these conditions on the website until the expiry date of this approval. e. Exclude or redact sensitive ecological data from compliance reports published on the website or otherwise provided to a member of the public. f. If sensitive ecological data is excluded or redacted from the published version, submit the full compliance report to the department within 5 business days of its publication on the website and notify the department in writing what exclusions and redactions have been made in the version published on the website. Note: Compliance reports may be published on the department's website.	TG	CEMP
REPORTING NON-COMPLIANCE			
25	The approval holder must notify the department electronically, within 2 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan.	TG / UGL	CEMP

ID	Condition	Responsibility	Plan
26	The approval holder must specify in the notification: a. Any condition or commitment made in a plan which has been or may have been breached. b. A short description of the incident and/or potential non-compliance and/or actual non-compliance. c. The location (including co-ordinates), date, and time of the incident and/or potential non-compliance and/or actual non-compliance. Note: If the exact information cannot be provided, the approval holder must provide the best information available.	TG / UGL	CEMP
27	The approval holder must provide to the department in writing, within 12 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance, the details of that incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan. The approval holder must specify: a. Any corrective action or investigation which the approval holder has already taken. b. The potential impacts of the incident and/or non-compliance and/or non-compliance. c. The method and timing of any corrective action that will be undertaken by the approval holder.	TG / UGL	CEMP
INDEPENDENT AUDIT			
28	The approval holder must ensure that an independent audit of compliance with the conditions is conducted for every five-year period following the commencement of the Action until this approval expires, unless otherwise specified in writing by the Minister.	TG	CEMP
29	For each independent audit, the approval holder must: a. Provide the name and qualifications of the nominated independent auditor, the draft audit criteria, and proposed timeframe for submitting the audit report to the department prior to commencing the independent audit. b. Only commence the independent audit once the nominated independent auditor, audit criteria and timeframe for submitting the audit report have been approved in writing by the department. c. Submit the audit report to the department for approval within the timeframe specified and approved in writing by the department. d. Publish each audit report on the website within 15 business days of the date of the department's approval of the audit report. e. Keep every audit report published on the website until this approval expires.	TG	CEMP
30	Each audit report must report for the five-year period preceding that audit report.	TG	CEMP
31	Each audit report must be completed to the satisfaction of the Minister and be consistent with the department's Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines (2019), or any subsequent official version.	TG	CEMP

ID	Condition	Responsibility	Plan
COMPLETION OF THE ACTION			
32	The approval holder must notify the department electronically 60 business days prior to the expiry date of this approval, that the approval is due to expire.	TG	EMS
33	Within 20 business days after the completion of the Action, and, in any event, before this approval expires, the approval holder must notify the department electronically of the date of completion of the Action and provide completion data.	TG	EMS
CHANGES TO STATE INFRASTRUCTURE DEVELOPMENT			
34	The approval holder must notify the department in writing of any proposed change to the State Infrastructure Approval that may relate to protected matters within 2 business days of formally proposing a change and within 5 business days of becoming aware of any proposed change.	TG	Noted
35	The approval holder must notify the department in writing of any change to the State Infrastructure Approval conditions that may relate to protected matters, within 10 business days of a change to conditions being finalised.	TG	Noted
REVISION OF ACTION MANAGEMENT PLANS			
36	The approval holder may, at any time, apply to the Minister for a variation to an action management plan approved by the Minister or as subsequently revised in accordance with these conditions, by submitting an application in accordance with the requirements of section 143A of the EPBC Act. If the Minister approves a revised action management plan (RAMP) then, from the date specified, the approval holder must implement the RAMP in place of the previous action management plan.	TG	Noted
37	The approval holder may choose to revise an action management plan approved by the Minister under condition 5 or as subsequently revised in accordance with these conditions, without submitting it for approval under section 143A of the EPBC Act, if the taking of the Action in accordance with the RAMP would not be likely to have a new or increased impact.	TG	Noted

ID	Condition	Responsibility	Plan
38	If the approval holder makes the choice under condition 37 to revise an action management plan without submitting it for approval, the approval holder must: a. Notify the department electronically that the approved action management plan has been revised and provide the department with: i. an electronic copy of the RAMP; ii. an electronic copy of the RAMP marked up with track changes to show the differences between the approved action management plan and the RAMP; iii. an explanation of the differences between the approved Action management plan and the RAMP; iv. the reasons the approval holder considers that taking the Action in accordance with the RAMP would not be likely to have a new or increased impact; and v. written notice of the date on which the approval holder will implement the RAMP (RAMP implementation date), being at least 20 business days after the date of providing notice of the revision of the action management plan, or a date agreed to in writing with the department. b. Subject to condition 40, implement the RAMP from the RAMP implementation date.	TG	Noted
39	The approval holder may revoke its choice to implement a RAMP under condition 37 at any time by giving written notice to the department. If the approval holder revokes the choice under condition 37, the approval holder must implement the action management plan in force immediately prior to the revision undertaken under condition 37.	TG	Noted
40	If the Minister gives a notice to the approval holder that the Minister is satisfied that the taking of the Action in accordance with the RAMP would be likely to have a new or increased impact, then: a. Condition 37 does not apply, or ceases to apply, in relation to the RAMP. b. The approval holder must implement the action management plan specified by the Minister in the notice.	TG	Noted
41	At the time of giving the notice under condition 40, the Minister may also notify that for a specified period of time, condition 37 does not apply for one or more specified Action management plans. Note: Conditions 37, 38, 39 and 40 are not intended to limit the operation of section 143A of the EPBC Act which allows the approval holder to submit a revised Action management plan, at any time, to the Minister for approval.	TG	Noted

A.3 ENVIRONMENT PROTECTION LICENCE

NSW EPA Environment Protection Licence 21753

<table>
<tr><th>ID</th><th>Condition</th><th>Responsibility</th><th>Plan</th></tr>
<tr><td colspan="2">1 - ADMINISTRATIVE CONDITIONS</td><td></td><td></td></tr>
<tr><td>A1.1</td><td>This licence authorises the carrying out of the scheduled development work listed below at the premises listed in A2.

There are four stages to the scheduled development works of which the following stages are authorised by this licence:
Construction of high-voltage overhead transmission lines, new substation, grid connection between the new substation and existing Line 64, and construction facilities such as construction compounds and access tracks.</td><td>TG / UGL</td><td>EMS
CEMP</td></tr>
<tr><td>A1.2</td><td>This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.</td><td>TG / UGL</td><td>EMS
CEMP</td></tr>
<tr><td>A2.1</td><td>The licence applies to the following premises:
<table><tr><th>Premises Details</th></tr><tr><td>SNOWY 2.0 TRANSMISSION CONNECTION PROJECT</td></tr><tr><td>KOSCIUSZKO NATIONAL PARK & BAGO STATE FOREST</td></tr><tr><td>KOSCIUSZKO</td></tr><tr><td>NSW 2642</td></tr><tr><td></td></tr><tr><td>PREMISES DEFINED BY:
SNOWY 2.0 TRANSMISSION CONNECTION INFRASTRUCTURE APPROVAL
SSI 9717 (02 SEPTEMBER 2022): APPENDIX 1 - SCHEDULE OF LANDS</td></tr></table></td><td>TG / UGL</td><td>EMS
CEMP</td></tr>
</table>

<table>
<tr><th>ID</th><th>Condition</th><th>Responsibility</th><th>Plan</th></tr>
<tr><td>A3.1</td><td>Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.
In this condition the reference to "the licence application" includes a reference to:
a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.</td><td>TG / UGL</td><td>EMS
CEMP</td></tr>
<tr><td colspan="3">2 – DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND</td><td></td></tr>
<tr><td>P1.1</td><td>The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.
<table>
<tr><th>EPA ID No.</th><th>Type of Monitoring Point</th><th>Location Description</th></tr>
<tr><td>1</td><td>Surface Water – YORKERS CREEK</td><td>Yorkers Creek Upstream labelled YK-RS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)</td></tr>
<tr><td>2</td><td>Surface Water – YORKERS CREEK</td><td>Yorkers Creek at Western end of alignment labelled YK-IS in the document titled Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)</td></tr>
<tr><td>3</td><td>Surface Water – YORKERS CREEK</td><td>Yorkers Creek downstream (d/s) labelled YK-IS (d/s) in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)</td></tr>
<tr><td>4</td><td>Surface Water – NEW ZEALAND GULLY</td><td>New Zealand Gully labelled NZG-IS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)</td></tr>
<tr><td>5</td><td>Surface Water – TUMUT RIVER</td><td>Tumut River u/s O'Hares Creek labelled TR-RS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)</td></tr>
<tr><td>6</td><td>Surface Water – LICK HOLE GULLY</td><td>Lick Hole Gully d/s alignment labelled LHG-IS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)</td></tr>
<tr><td>7</td><td>Surface Water – SHEEP STATION CREEK</td><td>Sheep Station Creek labelled SSC-IS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)</td></tr>
</table></td><td>TG / UGL</td><td>SWMP</td></tr>
</table>

ID	Condition			Responsibility	Plan
	8	Surface Water – CAVE GULLY	Cave Gully labelled CG-IS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)		
	9	Surface Water – YARRANGOBILLY RIVER	Yarrangobilly River at alignment labelled YR1-IS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)		
	10	Surface Water – YARRANGOBILLY RIVER	Yarrangobilly River d/s alignment labelled YR2-IS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)		
	11	Surface Water – WALLACES CREEK	Wallaces Creek u/s alignment labelled WC-RS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0Transmission Connection Project" (DOC 22/918656-1)		
	12	Surface Water – WALLACES CREEK	Wallaces Creek labelled WC-IS in the document titled "Construction Water Quality Monitoring Program and Methodology Snowy 2.0 Transmission Connection Project" (DOC 22/918656-1)		
3 – LIMIT CONDITIONS					
L1.1	Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.			TG / UGL	EMS CEMP
4 – OPERATING CONDITIONS					
O1.1	Licensed activities must be carried out in a competent manner. This includes: a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.			TG / UGL	SWMP SMP
O2.1	All plant and equipment installed at the premises or used in connection with the licensed activity: a) must be maintained in a proper and efficient condition; and b) must be operated in a proper and efficient manner.			TG / UGL	CEMP
O3.1	All operations and activities occurring at the premises must be carried out in a manner that minimises or prevents the emission of dust from the premises.			TG / UGL	SWMP ESCP
O4.1	The licensee must assess, classify and manage any waste generated at the premises in accordance with the Waste Classification Guidelines 2014 and the Act. Waste need to be transported to a place that can lawfully accept that waste.			TG / UGL	SWMP

ID	Condition	Responsibility	Plan
O5.1	Location and geochemistry The Licensee must ensure that all samples collected for spoil characterisation are: a. representative of the material currently being extracted from the specific area; b. is not skewed by veins; and c. corresponds to the material placed on the emplacement area	TG / UGL	SWMP SMP
O5.2	All treatment of spoil including but not limited to the temporary storage of spoil, and treatment of Potentially Acid Forming (PAF) material and material at risk of resulting in Acid Mine Drainage or Neutral Mine Drainage, must be undertaken in a manner that: a. achieves permanent neutralisation of the material b. prevents pollution of waters; and c. prevents contamination of land	TG / UGL	SWMP SMP
O5.3	The Licensee must validate that all treated spoil material meets the requirements of condition O5.2.	TG / UGL	SWMP SMP
5 – MONITORING AND RECORDING CONDITIONS			
M1.1	The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.	TG / UGL	SWMP SMP BMP
M1.2	All records required to be kept by this licence must be: a) in a legible form, or in a form that can readily be reduced to a legible form; b) kept for at least 4 years after the monitoring or event to which they relate took place; and c) produced in a legible form to any authorised officer of the EPA who asks to see them.	TG / UGL	SWMP SMP BMP
M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence: a) the date(s) on which the sample was taken; b) the time(s) at which the sample was collected; c) the point at which the sample was taken; and d) the name of the person who collected the sample.	TG / UGL	SWMP SMP BMP
M2.1	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:	TG / UGL	SWMP SMP BMP

<table>
<tr><th>ID</th><th>Condition</th><th>Responsibility</th><th>Plan</th></tr>
<tr><td>M2.2</td><td>Water and/ or Land Monitoring Requirements
Analysis requirements for surface water monitoring is to include both total and dissolved concentrations for inorganics, metals and metalloids.
Point 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
<table>
<tr><th>Pollutant</th><th>Units of measure</th><th>Frequency</th><th>Sampling Method</th></tr>
<tr><td>Aluminium</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Ammonia</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Arsenic</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Cadmium</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Chromium</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Copper</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Cyanide</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Dissolved Oxygen</td><td>percent</td><td>Monthly</td><td>In situ</td></tr>
<tr><td>Electrical conductivity</td><td>microsiemens per centimetre</td><td>Monthly</td><td>In situ</td></tr>
<tr><td>Iron</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Lead</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Manganese</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Mercury</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Nickel</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Nitrogen (total)</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Nitrogen Oxides</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>pH</td><td>pH</td><td>Monthly</td><td>In situ</td></tr>
<tr><td>Phosphorus (total)</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Reactive Phosphorus</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Silver</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Total dissolved solids</td><td>micrograms per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Total Hardness</td><td>micrograms per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Total Kjeldahl Nitrogen</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>TSS</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
<tr><td>Turbidity</td><td>nephelometric turbidity units</td><td>Monthly</td><td>In situ</td></tr>
<tr><td>Zinc</td><td>milligrams per litre</td><td>Monthly</td><td>Grab sample</td></tr>
</table></td><td>TG / UGL</td><td>SWMP
SMP
BMP</td></tr>
</table>

ID	Condition	Responsibility	Plan
M3.1	Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.	TG / UGL	SWMP SMP BMP
M4.1	The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.	TG	CEMP
M4.2	The record must include details of the following: a) the date and time of the complaint; b) the method by which the complaint was made; c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect; d) the nature of the complaint; e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and f) if no action was taken by the licensee, the reasons why no action was taken.	TG	CEMP
M4.3	The record of a complaint must be kept for at least 4 years after the complaint was made.	TG	CEMP
M4.4	The record must be produced to any authorised officer of the EPA who asks to see them.	TG	CEMP
M5.1	The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.	TG	CEMP
M5.2	The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.	TG	CEMP
M5.3	The preceding two conditions do not apply until immediately from the date of the issue of this licence.	TG	CEMP

ID	Condition	Responsibility	Plan
6 – REPORTING CONDITIONS			
R1.1	The licensee must complete and supply to the EPA an Annual Return in the approved form comprising: 1. a Statement of Compliance, 2. a Monitoring and Complaints Summary, 3. a Statement of Compliance - Licence Conditions, 4. a Statement of Compliance - Load based Fee, 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan, 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and 7. a Statement of Compliance - Environmental Management Systems and Practices. At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.	TG	CEMP
R1.2	An Annual Return must be prepared in respect of each reporting period, except as provided below.	TG	CEMP
R1.3	Where this licence is transferred from the licensee to a new licensee: a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.	TG	CEMP
R1.4	Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on: a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.	TG	CEMP
R1.5	The Annual Return for the reporting period must be supplied to the EPA via eConnect EPA or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').	TG	CEMP
R1.6	The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.	TG	CEMP
R1.7	Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by: a) the licence holder; or b) by a person approved in writing by the EPA to sign on behalf of the licence holder.	TG	CEMP

ID	Condition	Responsibility	Plan
R2.1	Notifications must be made by telephoning the Environment Line service on 131 555. Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.	TG	CEMP
R2.2	The licensee must provide written details of the notification to the EPA within 7 days of the date on which they became aware of the incident.	TG	CEMP
R3.1	Where an authorised officer of the EPA suspects on reasonable grounds that: a) where this licence applies to premises, an event has occurred at the premises; or b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.	TG	CEMP
R3.2	The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.	TG	CEMP
R3.3	The request may require a report which includes any or all of the following information: a) the cause, time and duration of the event; b) the type, volume and concentration of every pollutant discharged as a result of the event; c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event; d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort; e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants; f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and g) any other relevant matters.	TG	CEMP
R3.4	The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.	TG	CEMP
R4.1	The licensee must notify the EPA within 24 hours by phone or in writing of any results from monitoring required by condition M2 that exceed the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZG) and NSW Water Quality Objectives and caused by activities carried out by or on behalf of the Licensee.	TG	CEMP

ID	Condition	Responsibility	Plan
R4.2	The licensee must submit an Environmental Monitoring Report every six (6) months to the EPA, unless otherwise agreed in writing by the EPA.	TG	CEMP
R4.3	The Environmental Monitoring Report must be prepared by a suitably qualified and experienced person and include, but not be limited to: a) results of all water quality monitoring undertaken in the preceding six (6) month period; b) results of all weather monitoring undertaken in the preceding six (6) month period; c) assessment of historical trends in all water sampling data for each monitoring point inclusive of the current six (6) month period; d) identification of instances where the water quality objective triggers for each relevant pollutant were exceeded at receiving water locations and/or where the predicted discharge water quality was exceeded at sediment basin discharge points; e) include details of any actions taken by the Licensee in response to exceedances identified under point (d), including but not limited to: i. additional monitoring ii. remedial actions; and iii. activation of trigger, action, response plans (TARPs); f) recommendations for future actions in relation to monitoring and/or management	TG	CEMP
7 – GENERAL CONDITIONS			
G1.1	A copy of this licence must be kept at the premises to which the licence applies.	TG / UGL	CEMP
G1.2	The licence must be produced to any authorised officer of the EPA who asks to see it.	TG / UGL	CEMP
G1.3	The licence must be available for inspection by any employee or agent of the licensee working at the premises.	TG / UGL	CEMP
G2.1	Each monitoring point in condition P1.1 must be clearly marked by a sign that indicates the EPA point identification number.	TG / UGL	CEMP

APPENDIX B CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

[PLACEHOLDER]

APPENDIX C TRANSGRID ENVIRONMENTAL POLICY STATEMENT

Environment Policy

Transgrid is committed to conducting its activities and services in a manner that protects the environment, prevents pollution and meets compliance obligations. Transgrid implores all employees and contractors to stop and consider the potential impact to the environment from their activities.

The Environment Policy covers all activities and services undertaken by Transgrid 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 which will lead to the achievement of good industry practice.

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

APPENDIX D TRANSGRID ENVIRONMENTAL FRAMEWORK

Management Framework

CONTROLLED DOCUMENT

Environmental Management System Framework

Summary					
The purpose of this framework is to provide an overview of Transgrid's environmental management system.					
Revision no:	14	**TRIM No:**	D2003/2790	**Approval/ Review Date:**	21 February 2022
Business function:	Manage Health, Safety and Environment			**Document type:**	Management Framework
Lumea circulation:	Yes ☒	No ☐			
Process owner:	Head of Health, Safety and Environment				
Author:	Megan Calvert, HSE Systems Manager				
Reviewers:	David Donehue, Senior Sustainability and Environment Manager Nicol Joubert, Acting Head of Health, Safety and Environment				
Approver:	Kasia Kulbacka, EM, Network Planning and Operations				

A printed copy of this document may not be the current version. Please refer to the Wire to verify the current version.

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1. Purpose

The primary purpose of this framework is to describe the core elements of Transgrid's environmental management system and their interaction.

2. Scope

The environmental management system framework applies to all Transgrid staff.

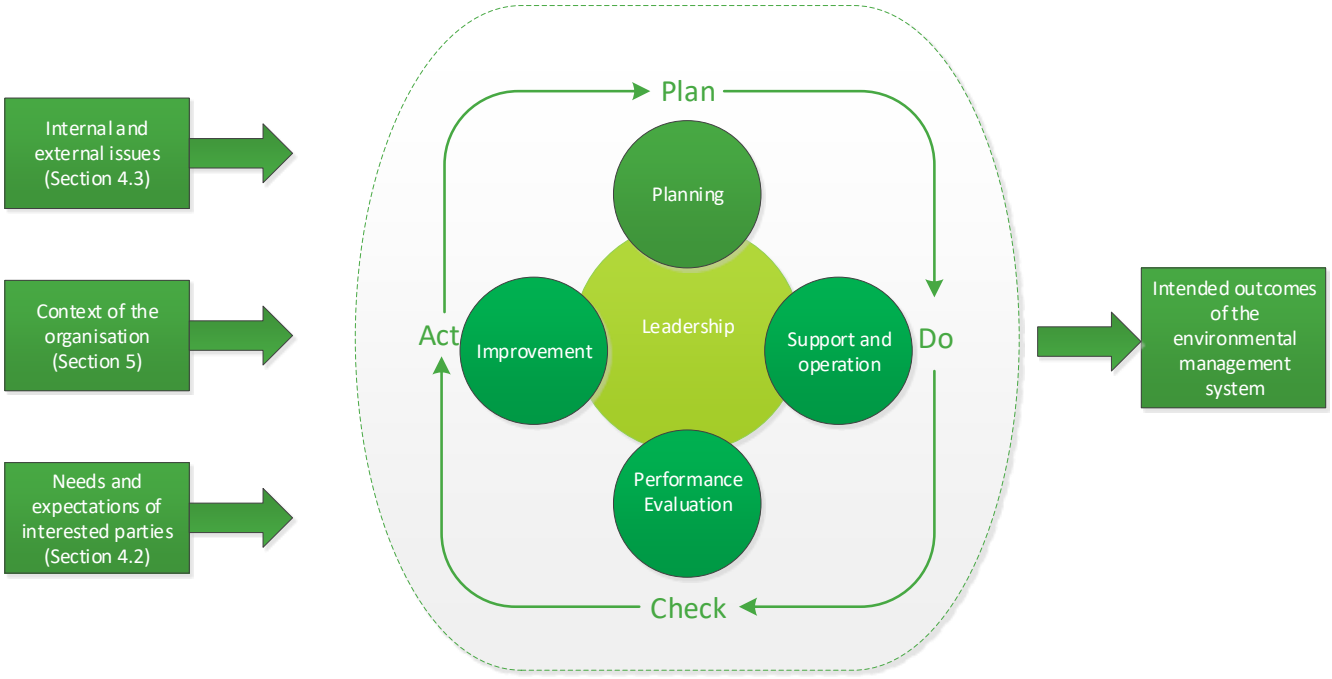
3. Definitions

Term	Definition
CAMMS	Transgrid's hazard and risk management system which allows the tracking, management, investigation, reporting and auditing of hazards, incidents, risks, waste disposal and compliance.
EMS	Environmental Management System, part of an organisation's management system used to develop and implement its environmental policy and manage its environmental aspects
ISO 14001	An international standard which addresses environmental management systems

4. Framework principles

Transgrid has developed an environmental management system to meet the requirements of ISO 14001.

The principles of ISO 14001 are shown in the diagram below, and are explained in this framework:



Each of the elements of the EMS works to continually improve the environmental performance of the organisation.

5. Context of the organisation

5.1. Understanding the organisation and its context

The EMS covers all activities undertaken and services provided by Transgrid, including the provision of electricity transmission services and provision of telecommunication services. This is aligned with Section 2 and 3 of the Business Management System (BMS) description.

The framework will be continually monitored and periodically reviewed to provide effective direction of an organisation's response to changing internal and external issues.

5.2. Needs and expectations of interested parties

Transgrid has developed the Needs and Expectations of Interested Parties Register (D2020/03345), which identifies the interested party relevant to the EMS, including their needs and expectations. Any of the needs and expectations that are compliance obligations have been added to CAMMS.

5.3. Scope of the EMS

The EMS covers all activities undertaken and services provided by Transgrid, including the provision of electricity transmission services and provision of telecommunication services. This is aligned with Section 3 of the Business Management System (BMS) description.

The framework will be continually monitored and periodically reviewed to provide effective direction of an organisation's response to changing internal and external issues.

6. Leadership

6.1. Leadership and commitment

Transgrid's top management demonstrate leadership and commitment to the EMS by ensuring:

- the Environment Policy is approved by the CEO and has been endorsed by the Board Health, Safety and Environment Committee
- the Executive Manager/Network Planning and Operations has been delegated with the responsibility of the environmental management process in the organisation.
- that resources are available to complete the actions set out in the Environmental Objectives procedure.

- the organisation's environmental performance is reviewed at the Executive Business Review Monthly Meeting
- management reviews of the environmental management system are undertaken on a regular basis.
- continual improvement by participating environmental audits and incident investigations when required.
- the integration of the environmental management system requirements into business processes

These actions are undertaken to ensure that environmental management system achieves its intended outcomes.

6.2. Environmental Policy

Transgrid has developed an Environmental Policy which sets out Transgrid's vision and commitment in regards to environmental management. The Environment Policy covers all activities and services undertaken by Transgrid including the planning, building and operation of infrastructure, ongoing management of these assets and their decommissioning.

6.3. Roles, responsibilities and authorities

Roles, responsibilities and authorities for Transgrid's EMS are defined in the following ways:

- The Senior Sustainability and Environment Manager is responsible for ensuring the EMS has been established, implement and maintained, and reporting to senior management on the performance of the EMS
- Section 12 of this framework provides guidance on the accountabilities for the various levels of management
- Position descriptions outline environmental responsibility for all employees.

7. Planning

The planning section of the EMS is to establish the management system, and help Transgrid focus its resources on the areas of the organisation that have the greatest environmental risks.

7.1. Actions to address risk and opportunities

Transgrid has developed a Health, Safety and Environmental Risks and Opportunities procedure which sets out the process of identifying and documenting environmental risks and opportunities for Transgrid.

7.1.1. Environmental aspects and impacts

Transgrid has developed the procedure Identification of Significant Environmental Aspects which sets out the risk management process of identifying environmental aspects and impacts and determining the significance of these aspects for the organisation. This process is completed during a workshop every two

years with the outcome being Transgrid's Register of Significant Environmental Aspects. The current significant environmental aspects are:

- Insufficient clearing of easement (on easement vegetation removal) resulting in arcing and bushfire ignition
- Off-easement trees (Hazard Trees) coming into contact with T/L conductors causing significant bushfire
- Legacy issues associated with either the inappropriate disposal of hazardous materials or the historic use of chemicals/materials that has led to site contamination (e.g. PFAS, lead, asbestos, pesticides)
- The failure of an Employee or a Contractor to adhere to the conditions of approval, legislative requirements or environmental assessment requirements (e.g. CEMP and associated sub-plans) during construction activities

These significant environmental aspects must be taken into account for the establishing, implementing and maintenance of our EMS.

7.1.2. Compliance Obligations

Transgrid has developed the procedure Health, Safety and Environment Legal and Other Requirements procedure which sets out the method of identifying environmental legislative and other requirements with which Transgrid must comply.

Compliance obligations are available to all staff on the Environmental Legislation page on the Wire. This page provides

- Access to EnviroLaw, an online software package offering plain English summaries of environmental legal obligations from State (NSW, Queensland, Victoria and South Australia) and Commonwealth legislation.
- Environmental Compliance Register
- Monthly summaries of environmental Legislation, upcoming legislative changes, court cases and environmental publications relevant to Transgrid.
- Protocol for Undertaking of Inspection, Maintenance and Emergency Works on Transgrid Network Assets and associated infrastructure with National Parks and Wildlife Service and ACT Site Management Agreement.

7.1.3. Planning action

Actions identified from the significant environmental aspects, compliance obligations and risks and opportunities are managed through the HSE Objectives procedure

7.2. Objectives and planning

Transgrid has developed the HSE Objectives procedure that incorporates objectives from the following documents:

- Corporate Plan
- Business Unit Action Plans

- Transgrid's HSE Strategy
- Significant environmental aspects
- Risks and opportunities

8. Support

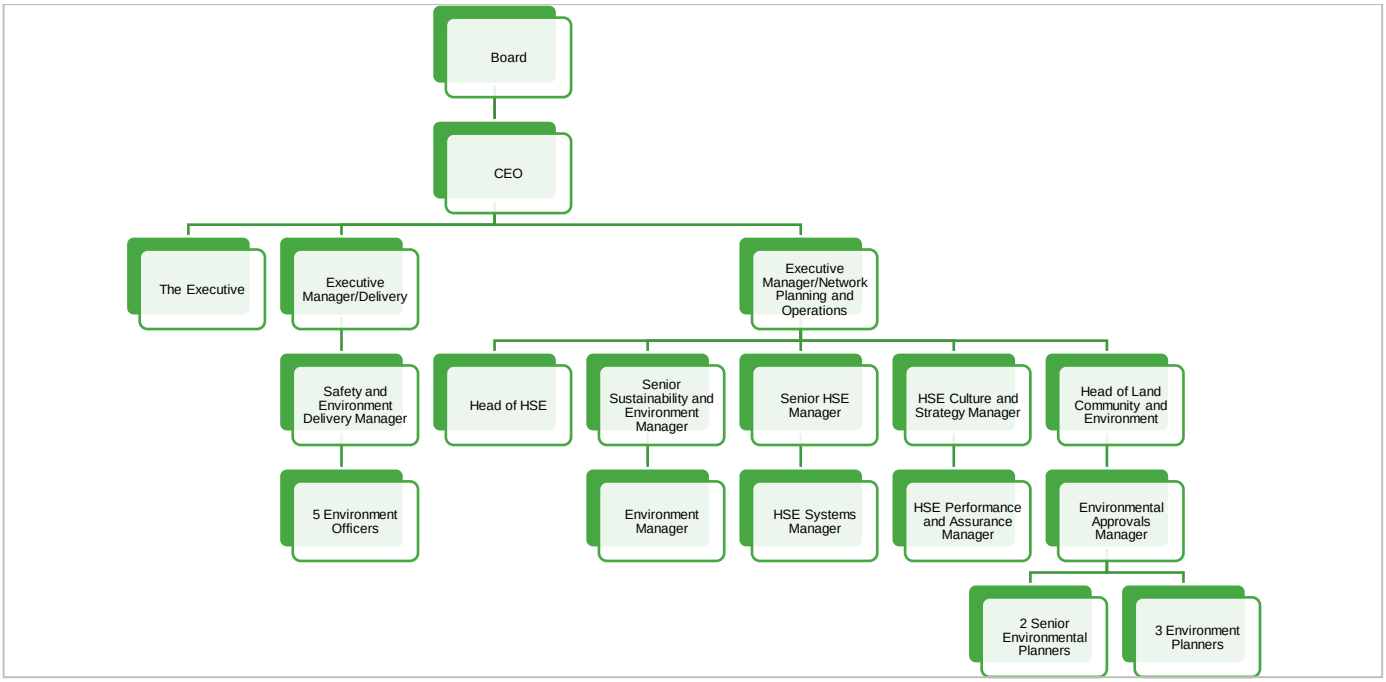
8.1. Resources

The following diagram is the organisational structure of the EMS. The diagram below shows the relationship between the Board, Executive and environmental teams with respect to the EMS.

9. Support

9.1. Resources

The following diagram is the organisational structure of the EMS. The diagram below shows the relationship between the Board, Executive and environmental teams with respect to the EMS.



9.2. Competence

Transgrid has established the Authorisation to Work procedure, which details the environmental training requirements for Transgrid's employees and contractors, and the methods by which it will be delivered and administered. This ensures that all employees and contractors are adequately trained to implement the Environmental Assessment Framework which sets out the process for managing environmental assessments.

9.3. Awareness

Transgrid have developed an Overview of Transgrid's EMS, which sets out the following elements of the EMS that all people doing work for the organisation should be aware of:

- The environment policy
- Significant environmental aspects
- Their contribution to the effectiveness of the EMS
- Implications of not conforming to the EMS

9.4. Communication

Transgrid has developed the Health, Safety, Environment and Network Safety Communication and Reporting procedure, which sets out the requirements for internal and external communication.

9.5. Documented information

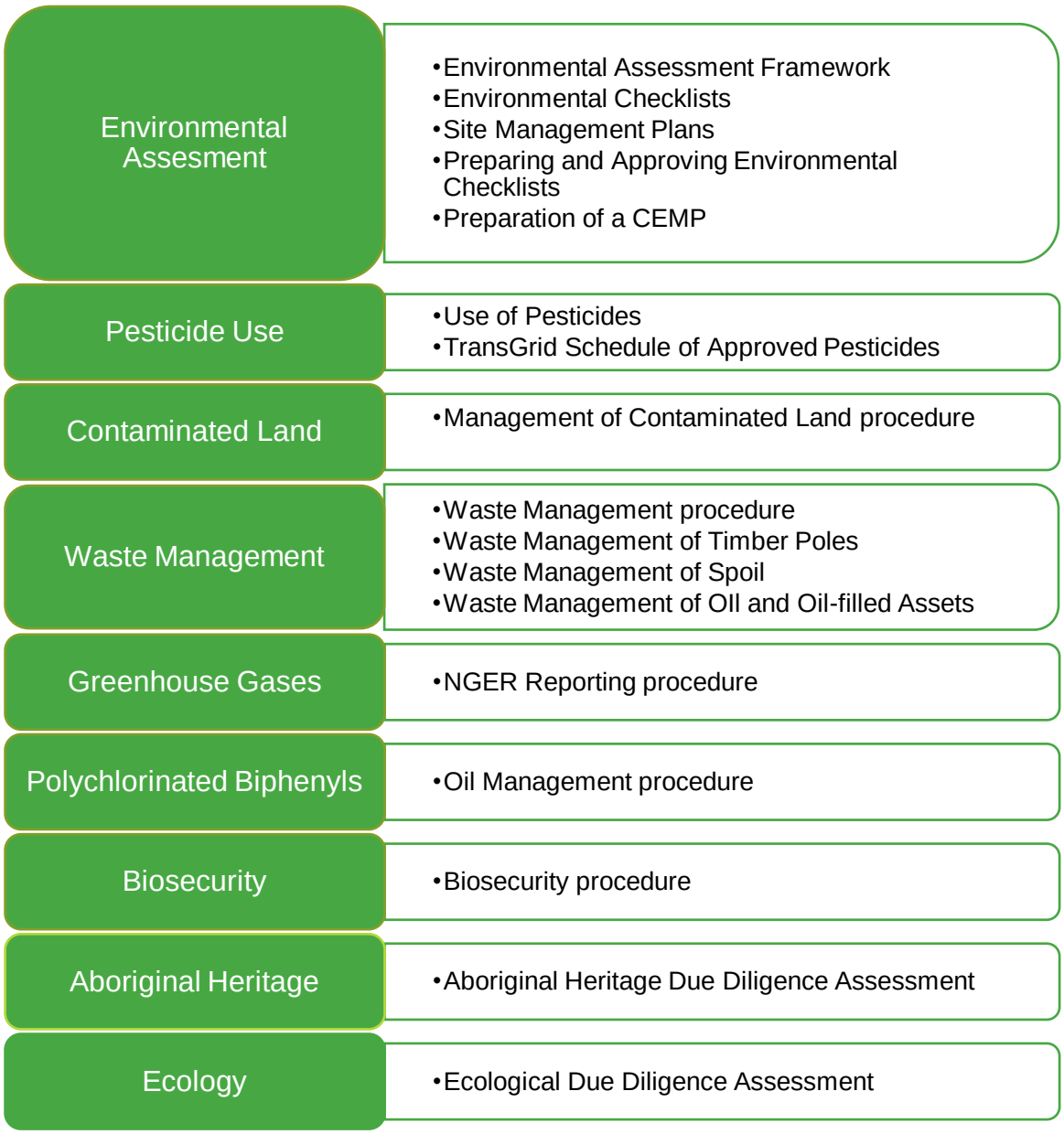
This framework describes the scope of the EMS, the main elements of the EMS and their interaction, and provides references to related documents. Procedures, documents and records are managed in TRIM, and information is accessible on the WIRE.

Transgrid has developed a Document and Records Management procedure, which defines the way in which Transgrid controls corporate documents and records that ensures compliance with ISO9001 and various other external obligations. All documents associated with the Environmental Management System are prepared and managed in accordance with this procedure.

10. Operation

10.1. Operational planning and control

Transgrid has developed a number of operational procedures to manage its activities that have an impact on the environment. The following diagram shows the relevant procedures for each of the main areas of operational control:



Transgrid has developed a page on The Wire to further describe the relevant procedures for the environmental management of their activities.

10.2. Emergency preparedness and response

Transgrid has developed procedures for emergency preparedness and response. The key procedure is the Corporate Response and Emergency Response Plan (CREMP) which sets out the level of response for the various categories of incidents and the associated responsibilities.

Transgrid has also developed site specific emergency response manuals (ERM) which are available on The Wire. Copies of ERM's are available at all sites.

Pollution Incident Response Management Plans (PIRMP) have been developed for each of Transgrid's two Environmental Protection Licences. These PIRMP's are also available on The Wire.

11. Performance Evaluation

11.1. Evaluation of compliance

Transgrid has developed the HSE Monitoring, Measurement, Analysis and Performance Evaluation procedure which sets out the process for evaluating environmental compliance requirements in Transgrid.

11.2. Monitoring and Measurement

Transgrid has established the procedure HSE Monitoring, Measurement, Analysis and Performance Evaluation to monitor and measure the key characteristics of its operations including EMS effectiveness and environmental performance monitoring, including greenhouse gas, waste and PCB management.

11.3. Internal Audit

The Health, Safety and Environmental Audit Process sets out the requirements and responsibilities for planning and conducting compliance and certification audits, setting the audit scope and methodology, reporting audit findings, and record keeping. The HSE Audit Strategy and Schedule has been prepared set out the direction for internal and external health, safety and environmental audits. It addresses areas such as:

- Critical Risks
- Environmental Aspects
- HSE Project Construction – External Principal Contractor
- Transgrid Project Delivery
- HSE External Maintenance Programs
- HSE System (Process/Procedure)
- HSE Operational Compliance Inspections

11.4. Management Review

To ensure its continuing suitability, adequacy and effectiveness of Transgrid's HSMS, the Executive conduct reviews of the HSMS. The management review process is documented in the Monitoring, Measurement, Analysis and Performance Evaluation procedure.

12. Improvement

12.1. Nonconformity, corrective action and preventive action

Transgrid has developed an HSE Hazard and Incident Management procedure. This procedure sets out the process for notification and investigation for environmental incidents. All environmental incidents are to be reported in CAMMS, accessible through The Wire.

To determine the effectiveness of corrective actions, Transgrid has undertaken the following:

- Develop an audit program, which includes conducting follow up audits and an annual audit to review a sample of corrective actions undertaken in the previous audit program, and a follow up audit for any audit rated as 'orange' or 'red'.
- Causal factors are determined for all environmental incidents in CAMMS. These are analysed on an annual basis.

12.2. Continual improvement

Transgrid demonstrates continual improvement of the EMS to enhance environmental performance through the following mechanisms:

- Management review process
- Environmental alerts to the organisation after high consequence environmental incidents
- Environmental incident investigations
- Inspection findings
- Actions from audit reports

13. Accountability

Title	Responsibilities
All staff	• Complying with the EMS and environmental procedures that are relevant to their activities. • Reporting environmental incidents to their team leader or supervisor.

Title	Responsibilities
	• Undertaking activities in a manner that reduces negative impacts on the environment
Board	• Overseeing, monitoring and reviewing environmental performance within Transgrid.
Chief Executive Officer	• Reporting environmental performance to the Board as required. • Set the Environment Policy which shall clearly articulate Transgrid's environmental commitments
Board Health, Safety and Environment Committee	• Monitor Transgrid's environmental performance through review of EMS and compliance audits and recommend appropriate actions where necessary
Executive Managers	• Providing the necessary resources for management of identified environmental aspects associated with activities undertaken within their business units. • Preparation and co-ordination of EMPs relevant to their activities, and the monitoring and reporting of EMP outcomes to the Manager/Corporate Environment
Managers/Team Leaders	• Identifying environmental risks associated with their group's activities. • Complying with corporate environmental procedures, and relevant business unit procedures relating to the environment. • Ensuring that staff are appropriately trained to able them to comply with Transgrid procedures, legislation and other regulatory requirements associated with their work activities. • Assigning appropriate environmental responsibilities to staff members and monitoring performance. • Maintaining environmental records, where required, to demonstrate compliance with the EMS and Transgrid procedures.
Senior Sustainability and Environment Manager	• Establish and implement the EMS and report to senior management on the performance of the EMS • Maintaining the EMS in line with the requirements of ISO 14001. • Dealing with regulators and representatives from other government agencies.

14. Implementation

This procedure will be implemented through:

- Updating of HSE news page on the Wire;

- Ongoing management of the Environmental Management System, including education and training by the Health, Safety and Environment group.

15. Monitoring and review

Monitoring:

- A Management Review will be undertaken annually as described in section 11.4, to ensure the effectiveness of the EMS;

Review:

- This framework will be reviewed every three years for currency in line with the requirements of the Document and Records Management procedure;

16. Change history

Revision no	Approved by	Amendment
5	Kevin Murray Managing Director	• Section 2 – Updating of terminology from environmental risk to environmental aspect and impact • Section 3 – Responsibilities of EMPs now with relevant General Manager • Section 5.5 – Inclusion of responsibility of General Manager for EMPs • Section 12 – Inclusion of reference to the Monitoring and Measurement Procedure (yet to be published) for more detailed information regarding the monitoring and measurement in the organisation • Section 15 - Reference to Records management included • Section 17 - Clarification of the timing, roles and activities for Management review
6	Michael Gatt, EGM/PS&CS	• Procedure has been completely rewritten and reformatted.
7	Ken McCall M/HSE	• Minor edits to the document include: • Procedure has been updated to new template • Minor edits and updating of links to Wire documents. • This document has been re-issued without submission through the formal approval process due to the minor nature of the amendments
8	Michael Gatt, EGM/Field Services	• Section 6.2 – Inclusion of the Environmental Legal and Other Requirements Register • Section 6.3 – Reflect current business practice • Section 7.3 – Updated to new procedure developed for HSE

Revision no	Approved by	Amendment
		• Section 8.2 – Updated to reflect the new procedure that has been developed for evaluation of compliance. • Updating of position and committee titles.
9	Mark Britton, A/EGM/Field Services	• Removal of references to the Executive Health, Safety and Environment Committee (EHSEC) as the committee has been updated • Updating of Objectives, Targets and Programmes to current business practices. • Updating of procedure titles to current terminology.
10	Michael Gatt, EM/Works Delivery	• Update framework to the requirements of ISO 14001:2015
11	Krista Fogarty, Manager/HSE	• Section 7.1.1– updated to include the significant environmental aspects identified in 2018. • Section 10.3 – Section update to align with the HSE Audit Strategy and Schedule • Section 10.4 – Management review updated to current practices.
12	Krista-Lee Fogarty, Head of HSE	• Procedure has been updated to change references from ARMS to CAMMS • Updating of hyperlinks and position titles in the document.
13	Krista-Lee Fogarty, Head of HSE	• Section 4 – alignment to the Business Management Description • Section 7.1.1– updated to include the significant environmental aspects identified in 2020. • Section 10 – update to procedure titles.
14	Kasia Kulbacka, EM, Network Planning and Operations	• The Framework has been updated to the new corporate template • Position titles have been updated to reflect the current organisational structure. • Procedure titles have been updated to current titles.

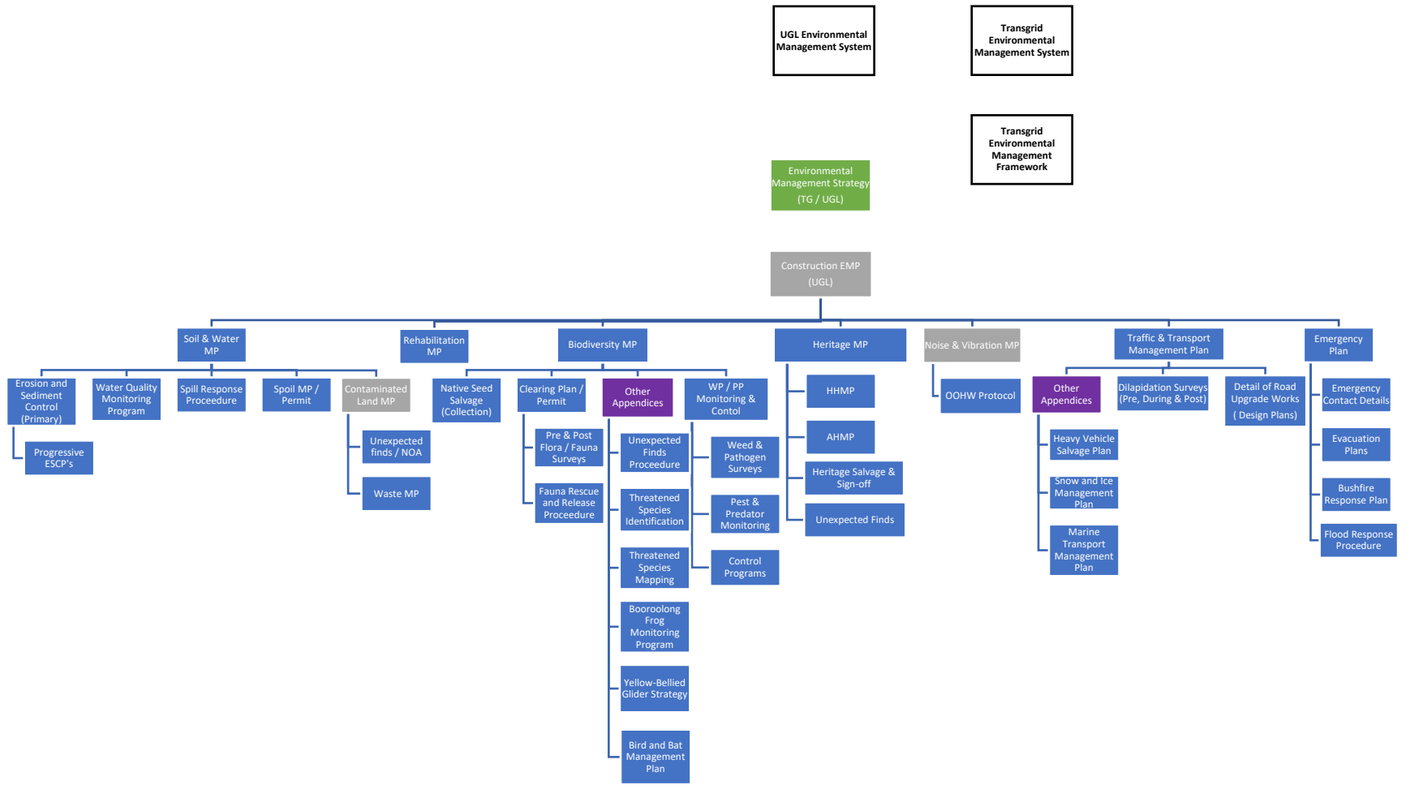
17. References

- AS/NZS ISO14001:2016 – Environmental Management Systems – Requirements with guidance for use

18. Attachments

Nil

APPENDIX E DOCUMENT MAP



LEGEND:

	CoA deliverable by UGL		Document – not deliverable		CoA deliverable by Transgrid		CoA deliverable co-written UGL-TG		Placeholder only		System Documents