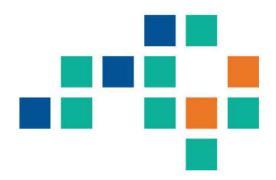
INTERNAL



Heritage Management Plan EnergyConnect (NSW – Western Section) Stage 1

45860-HSE-PL-D-0009

REV	DATE	GENERAL DESCRIPTION	PREPARED	REVIEWED	VERIFIED	VERIFIED	APPROVED
D	6/08/2021	Issued for Transgrid review	A.Kriegel	R.Walker-Edwards	G.Crighton	JL.Barrenechea	D.Whatmough
E	30/09/2021	Issued for Transgrid review	A.Kriegel / V.Edmonds	R.Walker-Edwards	G.Crighton	JL.Barrenechea	D.Whatmough
F	17/12/2021	Issued for Transgrid review	V. Edmonds A.Kriegel / V.Edmonds	R.Walker-Edwards	G.Crighton	JL.Barrenechea	D.Whatmough

Information in this plan is sensitive in nature and must be removed before the plan is to be made public. This includes Section 3 of the plan, including Figure 3-1.

Once printed this document becomes uncontrolled. Refer to SecureEnergy Intranet for controlled copy.



Revision History						
Rev. Detailed Description						
Α	Issued for internal review with aspects from EnergyConnect (NSW – Western Section) Submissions Report					
В	Issued for Transgrid review					
С	Updated following receipt of Transgrid comments					
D	Updated following receipt of Transgrid comments and draft Infrastructure Approval					
Е	Updated following Transgrid review and to address the Infrastructure Approval					
F	Updated following Transgrid review, consultation with Registered Aboriginal Parties, Heritage NSW					

	Key Document Stakeholders				
	To be communicated with during reviews and revisions of this document				
-					

Contents

1	Introduction	7
1.1	Context	7
1.2	Background	7
1.3	Staging	8
1.4	Environmental management system	9
1.5	Purpose and objective	10
1.6	Preparation of this plan	11
1.7	Consultation	11
	1.7.1 Development of this plan	11
	1.7.2 Ongoing communication and consultation	11
	1.7.3 Complaints	12
1.8	Submission and approval	13
1.9	Periodic review	13
2	Environmental requirements	14
2.1	Legislation	14
2.2	Conditions of Approval	14
2.3	Revised mitigation measures	23
2.4	Guidelines	29
3	Existing environment	30
3.1	Aboriginal heritage	30
3.2	Non-Aboriginal heritage	30
4	Environmental aspects and impacts	32
4.1	Construction activities	32
4.2	Impacts	32
	4.2.1 Aboriginal heritage	32
	4.2.2 Non-Aboriginal heritage	32
5	Management measures	34
5.1	Aboriginal Cultural Heritage Strategy	34
5.2	Long-term management of heritage items or material	34
5.3	Heritage management measures	34
6	Compliance management	37
6.1	Training and awareness	37
6.2	Roles and responsibilities	37
6.3	Monitoring	37
6.4	Inspections	37
6.5	Auditing	38
6.6	Reporting	38
6.7	Emergencies, incidents and non-compliances	38
6.8	Contingency plan	39
App	endix A - Unexpected Heritage Finds Procedure	40
App	endix B - Registered Aboriginal Parties	41
App	endix C - Relevant legislation	42

Tables

Table 1.1 - Key project components of Stage 1 of construction	8
Table 1.2 - Environmental objectives, targets and performance indicators relevant to heritage	
Table 2.1 - Conditions of Approval relevant to heritage	
Table 2.2 - Revised mitigation measures relevant to heritage	
Fable 5.1 - Heritage management measures	
Table 6.1 - Monitoring program	
Table 6.2 - Reporting program	38
Figures	
Figure 1.1 - CEMP framework	10
Figure 3.1 - Location of PEC-W-103 and PEC-W-PAD27 (PAD27) in vicinity of Stage 1 disturba	nce

Abbreviations

Acronym	Definition		
Aboriginal stakeholders	Registered Aboriginal Parties (RAPs) from the EIS (as defined in the Infrastructure Approval)		
ACHAR, CHAR	Aboriginal Cultural Heritage Assessment Report		
AHIMS	Aboriginal Heritage Information Management System		
Amendment Report	EnergyConnect (NSW – Western Section) Amendment Report		
Appendix E of the Amendment Report The Revised Non-Aboriginal and Aboriginal Cultural Heritage Assessment Re (Navin Officer, 2021) included as Appendix E of EnergyConnect (NSW – West Section) – Amendment Report			
BMEET	Barkindji Maraura Elders Environment Team		
ccs	Community Communication Strategy		
CEMP	Construction Environmental Management Plan		
CSSI	Critical State significant infrastructure		
Cth	Commonwealth of Australia		
DAWE	Department of Agriculture, Water and the Environment		
DECCW	(former) Department of Environment, Climate Change and Water		
DPIE or Department	NSW Department of Planning, Industry and Environment		
EIS	EnergyConnect (NSW – Western Section) Environmental Impact Statement		
EP&A Act	Environmental Planning and Assessment Act 1979		
EPBC Act	(Commonwealth) Environment Protection and Biodiversity Conservation Act 1999		
ER	Environmental Representative		
HMP, this plan	Heritage Management Plan		
HSSE	Health, Safety, Security and Environment		
LEP	Local Environmental Plan		
ММН	Heritage management measures		
NSW	New South Wales		
PAD	Potential archaeological deposit		
PAD27	PEC-PAD27 or PEC-W-PAD27		
PEC-W	Project EnergyConnect Western		
PEC-W-H	Project EnergyConnect Western Historic		
Planning Secretary	Planning Secretary under the EP&A Act, or nominee		
project, the	EnergyConnect (NSW – Western Section)		
RAPs	Registered Aboriginal Parties		
Response to DPIE Request for Information	The 'additional information letter dated 10 August 2021' in the definition section of the Infrastructure Approval; document is also titled EnergyConnect (NSW – Western Section) Response to DPIE Request for Information – 7 May 2021 and subsequent discussions		
RMMs	Revised mitigation measures		
RNTBC	Barkandji Native Title Claim Group Aboriginal Corporation		
SAPs	Sensitive area plans		
SecureEnergy	Elecnor and Clough Projects Australia Pty Ltd have formed the SecureEnergy Joint Venture (SecureEnergy). SecureEnergy is the contractor who will be carrying out the project on behalf of Transgrid.		
SSI	State significant infrastructure		

Acronym	Definition
Submissions Report	EnergyConnect (NSW - Western Section) Submissions Report
WMS	Work method statement

1 Introduction

1.1 Context

This Heritage Management Plan (HMP or this plan) forms part of the Construction Environmental Management Plan (CEMP) for Stage 1 of EnergyConnect (NSW – Western Section).

This plan has been prepared to address the requirements of the Infrastructure Approval (SSI 10040), the *EnergyConnect (NSW – Western Section) Environmental Impact Statement* (EIS), the *EnergyConnect (NSW – Western Section) Submissions Report* (Submissions Report), the *EnergyConnect (NSW – Western Section) Amendment Report* (Amendment Report) and the additional information letter dated 10 August 2021 (Response to DPIE Request for Information).

1.2 Background

On 29 August 2019 the NSW Minister for Planning and Public Spaces declared EnergyConnect critical State significant infrastructure (CSSI) under the *Environmental Planning and Assessment Act* 1979 (EP&A Act) on the basis that it is critical to the State for environmental, economic or social reasons. Within NSW, EnergyConnect is therefore subject to assessment under Part 5, Division 5.2 of the EP&A Act.

Transgrid have two environmental planning approval applications for the sections within NSW:

- EnergyConnect (NSW Western Section) SA/NSW border to Buronga and Buronga to the NSW/Victorian border (the project); and
- EnergyConnect (NSW Eastern Section) Buronga to Wagga Wagga.

A referral under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) was submitted on 27 May 2020. The Australian Department of Agriculture, Water and the Environment (DAWE) determined the project to be a controlled action on 26 June 2020 and thus, it would be assessed using the bilateral assessment process. As such, the project also requires approval from the Australian Minister for the Environment under the EPBC Act.

The EIS was prepared for the project in October 2020 and was placed on public exhibition from 30 October 2020 to 10 December 2020. A total of 20 submissions were received, with 15 from government agencies, three from organisations and two from the public.

The Submissions Report was prepared for the project in response to the submissions and was finalised on 14 April 2021.

Transgrid also prepared a separate Amendment Report to document design changes and additional environmental assessment undertaken since exhibition of the EIS. The Amendment Report describes the updated project for which approval has been sought and was finalised on 14 April 2021.

On 7 May 2021, Department of Planning, Industry and Environment (DPIE) requested additional information (*EnergyConnect (NSW – Western Section) (SSI-10040) Request for Additional Information*) to assist with the assessment of the project. In response Transgrid prepared and provided the Response to DPIE Request for Information, which included revised mitigation measures (RMMs) in Appendix G which are to be applied. The Response to DPIE Request for Information was dated 10 August 2021.

Approval for the project under the EP&A Act was granted by the NSW Minister for Planning and Public Spaces (Infrastructure Approval SSI 10040). Approval for the project under the EPBC Act was granted by the Australian Minister for the Environment.

Transgrid have engaged SecureEnergy, a joint venture between Elecnor and Clough Projects Australia Pty Ltd to design and construct their portion of the EnergyConnect project.

1.3 Staging

Condition E2 allows preparation of plans on a staged basis, with the approval of the Planning Secretary. Where a plan is staged, the scope of works can be carried out without addressing particular requirements of conditions of approval that are not applicable to the particular stage. This HMP is staged in accordance with Condition E2.

The conditions of the Infrastructure Approval, and the RMMs identified in Appendix G of the Response to DPIE Request for Information, that are relevant to construction phase Aboriginal and non-Aboriginal heritage are included in Table 2.1 and Table 2.2, respectively. The applicability of each requirement to this HMP is also addressed in the identified tables.

Stage 1 of construction (covered by this HMP) is proposed to occur ahead of the main transmission line works in order to expedite the overall delivery program for EnergyConnect.

The Buronga substation is located on Arumpo Road in Buronga. The existing 220kV substation will be upgraded and expanded to a new 330kV substation on a land parcel adjacent to the existing 220kV substation. Refer to Figure 3.1 for the indicative disturbance area of Stage 1 of construction.

The key project components of Stage 1 of construction include, but are not limited to, the activities provided in Table 1.1.

Table 1.1 - Key project components of Stage 1 of construction

Key activity	Description of key activity		
Environmental investigations, including biodiversity and heritage protection, salvage and recordings.	These key activities nominated in this stage will have already commenced as part of the pre-construction minor works permitted in accordance with the Infrastructure Approval. The definition of 'construction' within the Infrastructure Approval excludes these activities. They will therefore not be subject to the Stage 1 CEMP and CEMP sub-plans.		
Other survey work, such as road dilapidation surveys, and surveys of the general alignment and existing utilities.			
Site establishment at Buronga substation	The main site establishment activities that would be undertaken at Buronga substation upgrade and expansion site include:		
upgrade and expansion site	 clearing of vegetation within the disturbance area (including scrub, undergrowth and ground vegetation); clearing and removal of topsoils. Topsoil would be stockpiled on site for later reuse; establishing crushing and screening plants (if required), ancillary facilities, including but not limited to offices and amenities, and internal roads; and installing fencing (including fencing around the site where required), signage and security measures as well as any necessary construction environmental management measures such as erosion and sediment controls. 		
Bulk earthworks at Buronga substation upgrade and expansion site	Bulk earthworks to form the Buronga substation pad which includes placement of around 350,000m³ of rock/gravel/soil from the earthworks material site to allow for the construction of the substation pad in preparation for concrete foundations. Crushing and screening activities may be required in order to meet the engineering requirements.		
	Existing soil that does not meet engineering requirements for the substation pad will be temporary stockpiled.		
Site establishment of the Buronga accommodation	The main activities that would be undertaken at Buronga construction compound and accommodation camp includes:		
camp	 clearing of vegetation within the disturbance area (including scrub, undergrowth and ground vegetation); clearing and removal of topsoils. Topsoil would be stockpiled on site for later reuse; establishing the accommodation camp and associated facilities, including but not limited to site offices, amenities, wastewater treatment plant, power generators, hazardous material and fuel storage area and internal roads; 		

Key activity	Description of key activity	
Site establishment and operation of the Buronga construction compound	 establishing and operating site offices and other ancillary facilities, including but not limited to amenities, and internal roads; connections and pre-commissioning of on-site utilities (wastewater treatment plant, electrical power, lighting and etc.) for the construction compound and accommodation camps; and installing fencing, signage and security measures as well as any necessary construction environmental management measures such as erosion and sediment controls, where required. 	
Access points	The establishment of access points would include: establishing vehicle access and egress points including adjustment of roads to ensure safe vehicle movements; and establishing truck wheel wash or rumble grids. The definition of construction within the Infrastructure Approval does not include road upgrades (which includes access points). Road upgrade works are, however, incorporated within the Traffic and Transport Management Plan as required by condition D40 b).	
Water supply points – establishment and/or use	A series of water supply points have been identified as suitable connection points to existing water supply pipelines. The proposed water supply points which are to be established and/or used include: Alcheringa Drive, Buronga; and Modica Crescent, Buronga.	
Utility works, adjustments and protection	General utility works, adjustments and protection, including internal and external drainage, to allow for the Buronga substation expansion and upgrades works to occur, the establishment of the accommodation camp and the establishment and operation of the construction compound.	

Some activities nominated in this stage will have already commenced as part of the pre-construction minor works permitted in accordance with the Infrastructure Approval. These works will remain excluded from the definition of 'construction' and will therefore not be subject to the Stage 1 CEMP and this HMP.

This HMP has been prepared specifically for EnergyConnect (NSW – Western Section) Stage 1 of construction and will be implemented for the duration of Stage 1 of construction.

1.4 Environmental management system

The overall Environmental Management System for the project is described in Section 4 of the CEMP.

This HMP is a sub-plan that forms part of the CEMP and is also part of the environmental management framework for the project, as described in the CEMP. Figure 1.1 shows the CEMP framework for the project.

Management measures identified in this plan will be incorporated into relevant site-based documents including, but not limited to, site or activity specific work packs or work method statements (WMSs), sensitive area plans (SAPs) or training and awareness material.

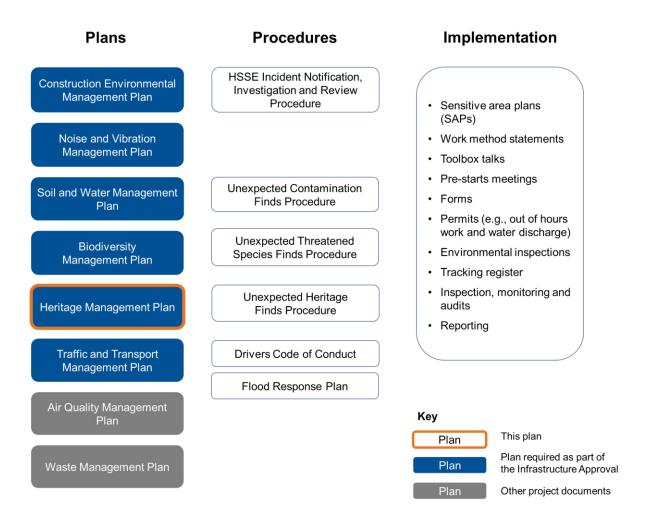


Figure 1.1 - CEMP framework

1.5 Purpose and objective

The purpose of this HMP is to describe the approach to manage potential impacts to Aboriginal and non-Aboriginal heritage that will be adopted during construction of the project.

The key objective of this HMP is to avoid, where possible, or minimise impacts to Aboriginal and non-Aboriginal heritage. To achieve this objective, the following will be undertaken:

- identify and implement measures to minimise the impact to heritage objects, items and sites throughout the construction of the project;
- provide staff with an increased level of understanding and awareness of heritage values within and adjacent to the project alignment and the management approach that will be adopted to minimise potential impacts;
- implement appropriate measures to address the requirements outlined in the Infrastructure Approval, EIS and Amendment Report; and
- implement appropriate measures to comply with relevant legislation.

As a means of assessing environmental performance, environmental objectives (performance measures), targets (criteria) and performance indicators have been established for the project and are provided within Section 4.2 of the CEMP. The performance measures and indicators relevant to heritage management are detailed within Table 1.2.

Table 1.2 - Environmental objectives, targets and performance indicators relevant to heritage

Aspect	Objectives (performance measures)	Targets (criteria)	Performance indicators
Heritage	Minimise and manage the impacts of the project on Aboriginal objects and non-Aboriginal heritage items within the approved project corridor.	No harm to known Aboriginal and known non-Aboriginal heritage.	Number of incidents involving harm to known Aboriginal heritage objects or known non-Aboriginal heritage items.

1.6 Preparation of this plan

In accordance with condition B6 and D34 of the Infrastructure Approval, this plan has been jointly prepared by suitably qualified and experienced people. This plan was prepared by Alison Kriegel and Vanessa Edmonds of Everick Heritage.

Vanessa Edmonds is suitably qualified and experienced in the field of Aboriginal and non-Aboriginal cultural heritage. Vanessa is a full and active member of Australian Association of Consulting Archaeologists Inc. Vanessa and Alison were both endorsed by the Planning Secretary on 15 November.

1.7 Consultation

1.7.1 Development of this plan

In accordance with condition B2(d) of the Infrastructure Approval, this plan has been prepared in consultation with:

- · Heritage NSW; and
- Aboriginal stakeholders (the Registered Aboriginal Representatives (RAPs) identified in Appendix B).

The plan was issued to relevant stakeholders for review and comment.. Heritage NSW did not return a response on the HMP at the completion of the consultation process. Response was received from one RAP member who advised that they agreed with the recommendations provided in this plan. Details of all consultation with Heritage NSW and the RAPs will be submitted to DPIE along with the submission of this management plan.

1.7.2 Ongoing communication and consultation

The project area intersects with the Barkandii Traditional Owners #8 (Part A) native title area (determined) administered under the *Native Title Act 1994*. Barkindji Traditional Owners have been included in consultation undertaken during the development of the EIS and are included in the RAPs identified in Appendix B who will be consulted throughout the project.

Consultation with RAPs and Heritage NSW will be undertaken through the development of the Aboriginal Cultural Heritage Strategy, required in accordance with condition D29 of the Infrastructure Approval and described in Section 5.1.

In the event that any potential Aboriginal objects or human remains are identified, consultation with the RAPs and Heritage NSW will be undertaken as required as outlined in the *Unexpected Heritage Finds Procedure* (45860-HSE-PR-G-1003).

SecureEnergy will use a range of tools in accordance with the *Community Communication Strategy* (CCS) (45860-CM-PL-G-1001) to facilitate ongoing consultation and communication with the community and stakeholders regarding the project. Communication tools include, but are not limited to, stakeholder briefings, project website, community drop-in sessions via the project's mobile van, door knocks and project factsheets. Notifications will be issued for, but not limited to following, commencement of construction, significant milestones and changes to the scope of work. Refer to the CCS for further information.

In accordance with condition E12 a) of the Infrastructure Approval, project documents including the EIS, approved strategies, plans or programs required under the conditions of approval and independent reports will be publicly available on the project website. The project website is https://www.projectenergyconnect.com.au. A 24-hour toll-free telephone number (1800 560 577) is also available for any project enquiries.

1.7.3 Complaints

Complaints will be managed by the Community and Stakeholder Engagement Team with the use of Consultation Manager database. Complaints will be received via phone calls, emails and letters. Any complaint received is regarded as a high priority and will be recorded, tracked and responded to in accordance with the CCS. Complaints will be investigated and dealt with impartially. The key principles of the complaint management process include:

- acknowledge SecureEnergy staff should respect the communities' right to voice their concerns.
 All complaints received should be acknowledged to the complainant either by telephone or in writing:
- resolve SecureEnergy staff should aim at first contact, resolution for all community concerns.
 SecureEnergy staff should investigate community concerns in detail before negotiating a resolution. All SecureEnergy staff should use their relevant discretions to achieve a mutually acceptable resolution to complaints;
- escalate all SecureEnergy staff should aim to escalate the complaint if the community member remains dissatisfied with the investigation and/or resolution offered by their first point of contact at SecureEnergy. All complaints where community request to speak to a higher-level representative, should also be escalated:
- record SecureEnergy staff should aim through the Engagement Team at recording all relevant information, on the community account in Consultation Manager System, regarding customer concerns along with details of all discussions had with the community member in the process of investigating and/resolving the complaint. Detailed information on the resolutions offered to address community concerns should also be clearly recorded;
- communicate SecureEnergy staff should remain in constant touch with the community member while their concerns are being investigated. The community member should be informed of all steps of the investigation and the resulting outcome at appropriate times;
- report SecureEnergy should report on all complaints received to the SecureEnergy Management Team and Transgrid. The reporting should include information on the number as well as type of complaints being received, the status of these complaints from time to time and the resulting outcomes or resolutions offered to close them;
- feedback the SecureEnergy Engagement Team should aim at regular and intensive reviews to identify possible trends in the complaints being received. These reviews should be aimed at highlighting improvements required to avoid complaints being repeated;
- action SecureEnergy should aim at effective implementation of improvements suggested directly by the community or highlighted by complaint trends.

Wherever possible, complaints will be resolved directly between SecureEnergy and the stakeholder. If a complaints management process has been followed and the issue cannot be resolved, dispute resolution will be undertaken in accordance with the CCS. DPIE may request the Environmental Representative (ER) to assist in dispute resolution of community complaints.

All complaints will be provided to the ER and a summary of complaints received, such as a complaints register, will be updated monthly on the project website.

1.8 Submission and approval

Prior to submission to DPIE, the HMP will be reviewed by the ER to ensure that the plan is consistent with the requirements of the Infrastructure Approval. A written statement to this effect will be prepared and submitted to DPIE. This review will be undertaken in accordance with condition A19 of the Infrastructure Approval.

This HMP will be submitted to DPIE for review and approval by the Planning Secretary prior to commencing Stage 1 of construction.

Stage 1 of construction will not commence until the CEMP and all sub-plans required under condition B2, or where staging is proposed the plans required for that stage, have been approved by the Planning Secretary. The approved HMP will then be implemented for the duration of the Stage 1 construction activities.

1.9 Periodic review

This HMP will be reviewed at least annually and updated, if required, in accordance with Section 1.10 of the CEMP – Updating the CEMP. Any updates to the HMP will be approved as described in Section 1.10 of the CEMP.

2 Environmental requirements

2.1 Legislation

Legislation relevant to the management of Aboriginal and non-Aboriginal heritage includes:

- Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Commonwealth (Cth));
- Environmental Planning and Assessment Act 1979;
- Heritage Act 1977;
- National Parks and Wildlife Act 1974;
- Native Title Act 1994 (NSW); and
- Native Title Act 1993 (Cth).

Relevant provisions of the above legislation are detailed within the register of legal and other requirements included in Appendix A1 of the CEMP. The legislation relevant to Aboriginal and non-Aboriginal heritage is replicated in Appendix C of this HMP.

2.2 Conditions of Approval

The conditions of the Infrastructure Approval relevant to heritage are presented in Table 2.1. A cross reference is also included to indicate where the condition is addressed within this plan or other project management documents.

Table 2.1 - Conditions of Approval relevant to heritage

Condition no.	Requirement			Where addressed	How addressed
B1	Prior to commencing construction, a Construction Environmental Management Plan (CEMP) must be prepared to detail how the performance outcomes, commitments and mitigation measures specified in the EIS will be implemented and achieved during construction to the satisfaction of the Planning Secretary.			Section 2.3 Section 5 The CEMP	The CEMP has been prepared and will be implemented during construction. The CEMP incorporates and responds to relevant conditions of the Infrastructure Approval and RMMs identified in the EIS, Submissions Report, Amendment Report and Response to DPIE Request for Information. Section 2.3 and Section 5 of this HMP describe how the commitments of the EIS relevant to heritage will be implemented.
B2	The following CEMP Sub-plans must be prepared in consultation with the relevant government agencies identified for each CEMP Sub-plan in Table 1.			Section 1.7	This HMP was provided to Heritage NSW and Aboriginal stakeholders for
		Required CEMP Sub-plan	Relevant government agencies and stakeholders to be consulted for each CEMP Sub-plan		consultation. No comments updates were required for the HMP as a result of the responses received.
	(d)	Heritage	Heritage NSW Aboriginal stakeholders		
В3	Details of all information requested by an agency to be included in a CEMP Sub-plan as a result of			Section 1.7	

Condition no.	Requirement	Where addressed	How addressed
	consultation must be provided with the relevant CEMP Sub-Plan.		This HMP has been developed in consultation with Heritage NSW and Aboriginal stakeholders. Details of all consultation with Heritage NSW and the RAPs will be submitted to DPIE along with the submission of this HMP.
B4	Any of the CEMP Sub-plans may be submitted along with, or subsequent to, the submission of the CEMP but in any event prior to commencing construction.	Section 1.8	This HMP will be submitted as a CEMP Sub-Plan to DPIE for review and approval by the Planning Secretary prior to commencing Stage 1 of construction.
B5	Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary. The CEMP and CEMP Sub-plans, as approved by the Planning Secretary, must be implemented for the duration of construction. Where construction of the development is staged, construction of a stage must not commence until the CEMP and sub-plans for that stage have been approved by the Planning Secretary.	Section 1.8	Stage 1 of construction will not commence until the CEMP and all CEMP Subplans (including this HMP), or where staging is proposed and the plans required for that stage, have been approved by the Planning Secretary. The CEMP and CEMP Subplans (including this HMP) will be implemented for the duration of construction for Stage 1.
B6	The CEMP and CEMP Sub-plans required under this approval must be prepared by suitably qualified and experienced persons in accordance with relevant guidelines, and include where relevant:	Title page Section 1.6	This HMP has been jointly prepared by suitably qualified and experienced people and in accordance with relevant guidelines.
	a) a summary of relevant background or baseline data;	Section 3	The existing known Aboriginal heritage adjacent to the Stage 1 disturbance area is outlined in Section 3. No non-Aboriginal heritage items were identified in the vicinity of the Stage 1 disturbance area.
	b) details of:		
	(i) the relevant statutory requirements (including any relevant approval or licence conditions);	Section 2 Appendix C	The relevant legislation, conditions, RMMs and guidelines applicable to heritage are outlined in Section 2. Appendix C provides further detail on the relevant legislation applicable to heritage.

Condition no.	Requirement	Where addressed	How addressed
	(ii) any relevant limits or performance measures and criteria; and	Section 1.5 Section 4.2 of the CEMP – Objectives and targets	The objectives (performance measures) and targets (criteria) relevant to heritage management are outlined in Section 1.5 of this HMP. The CEMP also provides project-wide environmental objectives (performance measures) and targets (criteria).
	 (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures; 	Section 1.5 Section 4.2 of the CEMP – Objectives and targets	The performance indicators relevant to heritage management are outlined in Section 1.5 of this HMP. The CEMP also provides project-wide performance indicators.
	c) any relevant commitments or recommendations identified in the EIS;	Section 2.3	Relevant heritage commitments and recommendations identified in the EIS, known as RMMs, have been outlined in Section 2.3.
	d) a description of the measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria;	Section 5	Specific heritage related safeguards and management measures to address potential impacts associated with Stage 1 of construction and comply with the relevant statutory requirements, limits and performance measures are outlined in Section 5.
	e) a program to monitor and report on the:		
	(i) impacts and environmental performance of the development (including a table summarising all the monitoring and reporting obligations under the conditions of this approval); and	Section 6, including: Section 6.3 Section 6.4 Section 6.5 Section 6.6	Monitoring, inspections, auditing and reporting is outlined in Section 6.3 to 6.6 of this HMP.
	(ii) effectiveness of the management measures set out pursuant to paragraph (d);	Section 6	Monitoring of the effectiveness of the management measures is outlined in Section 6 through compliance management.

Condition no.	Requirement	Where addressed	How addressed
	f) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;	Section 6.8 Appendix A Section 8 of the CEMP – Incidents and emergencies Section 10 of the CEMP – Reporting Section 11 of the CEMP – Non- compliance, non- conformance, corrective and preventative action	Section 6.8 outlines a contingency plan in the event that unpredicted impacts are identified. In the event of the discovery of any unexpected heritage find, the Unexpected Heritage Finds Procedure (Appendix A) will be followed. The CEMP also provides additional detail regarding incidents and emergencies, reporting, non-compliance, non-conformance, corrective and preventative actions.
	g) a program to investigate and implement ways to improve the environmental performance of the development over time;	Section 1.9 Section 6 Section 1.9 of the CEMP – Continuous improvement	Section 6 of this HMP outlines procedures for compliance management, including details for monitoring, inspections, auditing and reporting. This HMP will reviewed at least annually as described in Section 1.9 of this HMP and Section 1.9 of the CEMP. The Plan-Do-Check-Act model will be applied to the continuous improvement process, also outlined in Section 1.9 of the CEMP.
	h) a protocol for managing and reporting any: (i) incident, non-compliance or exceedance of any impact assessment criterion and performance criterion;	Section 6.7 Section 6.8 Section 8 of the CEMP – Incidents and emergencies Section 10 of the CEMP – Reporting Section 11 of the CEMP – Non- compliance, non- conformance, corrective and preventative action	Section 6.7 and 6.8 describes the procedures for emergencies, incidents and non-compliances, including those related to heritage. Additional detail for managing incidents and emergencies, non-compliances and non-conformances is included in the CEMP. The protocol for reporting of any incidents, non-compliances or non-conformances is included in Section 10 of the CEMP.
	(ii) complaint; or	Section 1.7.3 Community Communication Strategy	A summary of the complaints management procedure and reporting of complaints is included in Section 1.7.3 of this HMP. The procedure for managing and reporting any complaints is described in the Enquiries, Complaint and Dispute Resolution Management Procedure provided in the CCS. The procedure includes a complaints

Condition no.	Requirement	Where addressed	How addressed
			management process which outlines how SecureEnergy will respond to complaints related to the project.
	(iii) failure to comply with other statutory requirements;	Section 6.7 Section 8 of the CEMP – Incidents and emergencies Section 10 of the CEMP – Reporting Section 11 of the CEMP – Non- compliance, non- conformance, corrective and preventative action	In the event of failure to comply with statutory requirements, the procedures summarised in Section 6.7 of this HMP and described in more detail in the CEMP would be followed.
	i) set out the procedures that would be implemented to: (i) keep the local community and relevant agencies informed about the construction and environmental performance of the development;	Section 1.7.2 Community Communication Strategy	The local community and relevant agencies will be kept informed of construction progress and environmental performance through communication tools such as notifications, the project's mobile van and the project website as summarised in Section 1.7.2 of this HMP. Detailed information regarding project communication is found in the CCS.
	(ii) receive, handle, respond to, and record complaints;	Section 1.7.3 Community Communication Strategy	Section 1.7.3 of this HMP summarises the complaints management system, which includes a process to manage complaints including receiving, recording, tracking and responding to complaints within a defined timeframe. The complaints management system is described in detail in the CCS.
	(iii) resolve any disputes that may arise;	Section 1.7.3 Community Communication Strategy	Section 1.7.3 of this HMP describes dispute resolution, which is described in detail in the CCS. Wherever possible, complaints will be resolved directly between SecureEnergy and the stakeholder.
	(iv) respond to any non-compliance;	Section 6.7 Section 10.1 of the CEMP – Reporting non-compliances Section 11 of the CEMP – Non-compliance, non-	Section 6.7 of this HMP outlines that where a non-compliance has been identified, corrective actions will be developed as required and implemented to address the non-conformance that occurred (as described in more detail in the CEMP).

Condition no.	Requirement	Where addressed	How addressed
		conformance, corrective and preventative action	Reporting of non- compliances will be undertaken as described in the CEMP.
	(v) respond to emergencies; and	Section 6.7 Section 8.1 of the CEMP – Emergency preparedness and emergency responses	Emergency management and planning including environmental emergencies related to heritage will be undertaken in accordance with the Clough management system and relevant procedures as described in Section 6.7 of this HMP. Additional detail regarding emergency management is described in the CEMP.
	j) a description of the roles and environmental responsibilities, authority and accountability for all relevant employees, as well as training and awareness; and	Table 5.1 Section 6.1 Section 6.2 Section 4.9 of the CEMP – Roles and responsibilities	Section 6.2 identifies that SecureEnergy's organisational structure and overall roles and responsibilities are outlined in the CEMP. Specific responsibilities for the implementation of mitigation measures are detailed in Section 5 of this HMP. Training and awareness for all site personnel is outlined in Section 6.1.
	a protocol for periodic review of the CEMP and associated Sub-plans and programs.	Section 1.9 Section 1.10 of the CEMP – Updating the CEMP	This HMP will be reviewed at least annually in accordance with the CEMP.
	The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.	Noted	Noted
D29	Prior to commencing construction, the Proponent must provide an Aboriginal Cultural Heritage Strategy, prepared in consultation with the Aboriginal stakeholders and Heritage NSW, to the satisfaction of the Planning Secretary. The Strategy must:	Section 5.1	Prior to commencing construction, an Aboriginal Cultural Heritage Strategy will be prepared for the project. The Aboriginal Cultural Heritage Strategy will be staged in accordance with condition E2 to allow the commencement of construction in areas outside the additional risk zones identified as required in condition D29 a) or as areas receive clearance as a result of additional heritage survey.

Condition no.	Requirement	Where addressed	How addressed
	a) Identify any additional risk zones outside the potential archaeological deposits (PADs) where construction must not commence until subsurface testing in b) and surveys in c) are complete;	Section 5.1	Construction of Stage 1 works will not commence until the 'additional risk zones' are confirmed as required by condition D29. Construction will not commence in any identified risk zones until the relevant subsurface testing or survey is undertaken as required by condition D29 b) or D29 c), as outlined in Section 5.1.
	 b) describe additional subsurface testing that will be undertaken to confirm the significance of the PADs that would be impacted by the final transmission infrastructure design and ancillary facilities in line with the Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW (DECCW, 2010); 	N/A	Not applicable to Stage 1 works. The Stage 1 disturbance area is located outside of any identified PADs.
	describe additional Aboriginal heritage surveys that will be undertaken where ground disturbance activities are required outside of the heritage survey area;	N/A	The Aboriginal Cultural Heritage Strategy will describe additional Aboriginal heritage surveys that will be undertaken where ground disturbance activities are required outside of the heritage survey area.
	d) include details of ongoing consultation with the Aboriginal stakeholders, including any written responses and records of any meetings; and	Section 1.7 Section 5.1	The Aboriginal Cultural Heritage Strategy will be prepared in consultation with the RAPs and Heritage NSW. Details of consultation with Heritage NSW and the RAPs will be submitted to DPIE along with the submission of the Aboriginal Cultural Heritage Strategy.
	 e) include an updated Aboriginal cultural heritage assessment report, which: is based on the findings of the subsurface testing in b) and surveys in c); describes any potential additional impacts to heritage items; identifies further mitigation measures, including avoidance or salvage; includes detailed justification where the final transmission line alignment is not able to avoid impacts to heritage items; and provides an updated and consolidated list of sites that would be protected and remain insitu throughout construction and sites that would be salvaged and relocated to suitable alternative locations. 	N/A	Not applicable to Stage 1 works. If the Aboriginal Cultural Heritage Strategy identifies areas of Aboriginal heritage significance, construction in those locations will not commence until the updated Aboriginal cultural heritage assessment report is complete. Any mitigation measures identified in the updated Aboriginal cultural heritage assessment report will be implemented.
D30	The Proponent must implement all reasonable and feasible measures to avoid and minimise harm to heritage items and potential	This HMP, particularly Section 5	Section 5 provides the management measures to avoid and minimise harm to

Condition no.	Requirement	Where addressed	How addressed
	archaeological deposits (PADs) identified in the EIS and the Aboriginal Cultural Heritage Strategy required by condition D29, prior to carrying out any development that could harm the items or deposits.		heritage items and PADs identified in the EIS. The Stage 1 disturbance area will not impact upon any items or PADs identified in the EIS.
D31	The Proponent must ensure the development does not cause any harm to heritage items identified for avoidance in the approved Aboriginal Cultural Heritage Strategy or any Aboriginal heritage items located outside the approved development footprint.	Section 5 Table 5.1 - H3 to H5 Section 6	Mitigation measures identified in Section 5 of this HMP will be implemented to avoid any harm to any heritage items identified for avoidance or located outside the Stage 1 disturbance area. Monitoring, inspections and auditing described in Section 6 of this HMP will check the implementation and effectiveness of the management measures identified in Section 5.
D32	Prior to carrying out any activity that could harm heritage items, the Proponent must salvage and relocate all heritage items identified for salvage and relocation in the updated and approved Aboriginal Cultural Heritage Strategy to a suitable alternative location, in accordance with the Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW (DECCW, 2010).	N/A	Not applicable to Stage 1 works. No Aboriginal heritage objects that would require salvage and relocation have been identified within the Stage 1 disturbance area.
D33	The Proponent must ensure the development does not cause any harm to heritage items PEC-W-H-1 and PEC-W-SE-H1.	N/A	Not applicable to Stage 1 works. No works associated with Stage 1 of construction will impact PEC-W-H-1 or PEC-W-SE-H1.
D34	The Heritage CEMP Sub-Plan required under condition B2 must:		
	a) be prepared by a suitably qualified and experienced person whose appointment has been endorsed by the Planning Secretary;	Title page Section 1.6	This HMP has been jointly prepared by suitably qualified and experienced people. The authors of this HMP were endorsed by the Planning Secretary on 15 November 2021.
	b) include a description of the measures that would be implemented for:		
	 addressing the outcomes of the additional assessment, testing and surveys identified in condition D29; 	N/A	This HMP would be updated to consider any mitigation measures identified in the updated Aboriginal cultural heritage assessment report.
	 protecting the heritage items identified in conditions D31 and D33, 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 development corridor; 	Table 5.1 - H1 to H5	Harm to known Aboriginal heritage objects and PADs located outside the Stage 1 disturbance area will be avoided through the implementation of both awareness and physical management measures.

Condition no.	Requireme	nt	Where addressed	How addressed
	•	salvaging and relocating the heritage items identified in condition D32;	N/A	Not applicable to Stage 1 works. No Aboriginal heritage objects that would require salvage and relocation have been identified within the Stage 1 disturbance area.
	•	minimising and managing the impacts of the development on heritage items within the development corridor, including:	Section 5 Table 5.1 – Error! Reference source not found Error! Reference source not found. Appendix A	No Aboriginal heritage objects or non-Aboriginal heritage items have been identified within the Stage 1 disturbance area. If an unexpected heritage find or Aboriginal skeletal material is discovered, the Unexpected Heritage Finds Procedure will be followed.
	management of any heritage items or materi	management of any heritage items or material collected during the test excavation or salvage	Section 5.2 Table 5.1- H7	No test excavation or salvage works are required in the Stage 1 disturbance area. A strategy for the long-term management of any heritage items or material collected during the project is being developed. A temporary repository will be identified to store any unexpected Aboriginal objects and/or non-Aboriginal items identified during Stage 1 works.
	•	a contingency plan and reporting procedure if: - heritage items outside the approved disturbance area are damaged;	Section 6.8 Appendix A	Section 6.8 outlines a contingency plan in the event that unexpected impacts are identified. In the event of any unexpected non-Aboriginal heritage find, the Unexpected Heritage Finds Procedure will be followed.
		 previously unidentified heritage items are found; or Aboriginal skeletal material is discovered; 	Table 5.1 - Error! Reference source not found. to Error! Reference source not found. Appendix A	If an unexpected heritage find or Aboriginal skeletal material is discovered, the Unexpected Heritage Finds Procedure will be followed.
	•	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	Table 5.1 – H1 Section 6.1	All site personnel will undergo a site induction which addresses elements related to heritage management. In addition, toolbox talks will be delivered for personnel with key roles in heritage management. Records will be retained by SecureEnergy.

Condition no.	Requirement	Where addressed	How addressed
	 ongoing consultation with Aboriginal stakeholders during the implementation of the plan; and 	Section 1.7	Consultation with Aboriginal stakeholders is outlined in Section 1.7.
	include a program to monitor and report on the effectiveness of these measures and any heritage impacts of the development.	Section 6.3 Section 6.4 Section 6.6	The effectiveness of the management measures identified in Section 5 of this HMP will be monitored and reported through the program provided in Section 6.3, 6.4 and 6.6.

2.3 Revised mitigation measures

The revised mitigation measures (RMMs) are defined in Appendix G of the Response to DPIE Request for Information. The RMMs relevant to heritage management are presented in Table 2.2 below.

A cross reference is also included to indicate where the measure is addressed within this plan or other project management documents. The management measures that will be implemented for the project are provided in Section 5 of this plan.

Table 2.2 - Revised mitigation measures relevant to heritage

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
Aboriginal	heritage			
AH1	The detailed design and construction methodology, and associated disturbance area, will be developed to avoid impacts to features/items of Aboriginal archaeological significance as far as practical. Avoidance and minimisation of impact to features/items and Potential Archaeological Deposits (PADs) of moderate or higher archaeological significance will be prioritised.	All locations	Section 4.2	The disturbance area in the vicinity of the Stage 1 works at Buronga was refined to avoid PEC-W-103/PEC-W-PAD27 during the environmental assessment process as described in the Amendment Report. No direct impacts to features/items or PADs are expected as a result of Stage 1 works as described in Section 4.2.
AH2	Aboriginal stakeholder consultation will be carried out in accordance with the Aboriginal Cultural Heritage Consultation Requirements for Proponents (DECCW, 2010a). Engagement with Registered Aboriginal Parties (RAPs) will consist of the following: • Aboriginal heritage site surveys (AH3) –review of proposed methodologies and involvement in the survey activities in the field (for ground or vegetation disturbance outside of previously surveyed areas) • test excavation activities (AH4) – review of proposed methodologies	All locations	Section 1.7	Consultation with Aboriginal stakeholders is described in Section 1.7 of this HMP. Proposed methodologies for site survey (AH3) and test excavation activities (AH4) have been prepared and provided to RAPs for comment and discussion. Any consultation required with RAPs in

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
	 and involvement in the test excavation activities in the field review of the draft addendum report/s (relating to surveys (AH3), test excavations (AH4) and scar trees (AH5)), and consultation on the draft reports which will typically be in the form of a RAP meeting provision of final addendum report/s will be provided to RAPs (AH3, AH4, AH5) involvement in establishment of Aboriginal heritage exclusion zones prior to construction commencing (AH7). Further cultural information will be 			relation to unexpected finds will be undertaken in accordance with the Unexpected Heritage Finds Procedure (45860-HSE-PR-G-1003).
	gathered during consultation undertaken in association with these activities. All addendum reports to the Aboriginal Cultural Assessment Report (CHAR) will be provided to RAPs for comment, and input will be considered, and actioned wherever practicable.			
АН3	An Aboriginal heritage survey will be carried out with RAPs where ground or vegetation disturbance activities are required in all locations outside of the previously surveyed heritage survey area (including water supply points), prior to works occurring in any such areas.	All locations	N/A	Survey will be undertaken for any disturbance areas outside of the previously surveyed heritage survey area
	These surveys will be carried out in accordance with the Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW (2010). If no sites are found or if site are found and they will not be impacted, then a letter			A survey methodology has been prepared in consultation with the RAPs and is being implemented.
	and they will not be impacted, then a letter report will be provided that gives notification of this and clearance to proceed. Where sites are located and will be			
	impacted, a draft survey addendum report/s to the ACHAR will be prepared for each of these survey areas. The report(s) will:			
	detail findings of the survey activities detail where test excavation is required in accordance with AH4 to inform detailed design			
	 outline any additional mitigation strategies beyond those required by AH5 to AH12 be presented to the RAPs for comment. 			
	Final reports will be provided to RAPs and to Heritage NSW for their information prior to the commencement of construction that impacts these locations.			

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
AH4	In developing the detailed design and construction methodology, the contractor will review the location of all identified PADs and will aim to avoid and/or minimise direct impacts to the identified PADs. Where direct impacts cannot be avoided, test excavation programs will be carried out in the parts of any PADs where direct impact is likely (including where the rootball of trees are being removed). The purpose of the test excavations will be to determine the presence or absence and significance of subsurface archaeological deposits. Test excavations works will be carried out in accordance with a methodology that is presented to and consulted on with the RAPs. Test excavation addendum report/s to the ACHAR will be prepared for each test excavation program(s) which will: detail findings of the test excavation activities outline how the detailed design has been further developed to avoid or minimise impacts to the identified constraints/features of significance/PADs as applicable, detail any additional mitigation strategies beyond those required by AH6 to AH12, and the required timing for these to be implemented be presented to the RAPs for comment. Final reports will be provided to RAPs and to Heritage NSW prior to the commencement of construction that impacts these locations. The addendum report(s) may be staged to enable progressive commencement of construction that impacts these locations. The addendum report(s) may be staged to enable progressive commencement of construction that impacts these locations. The addendum report(s) may be staged to enable progressive commencement of construction that impacts these locations. The addendum report(s) may be staged to enable progressive commencement of construction Any additional mitigation strategies beyond those required by AH6 to AH12, and the required timing of implementation, will be included with the Construction Environmental Management Plan and implemented accordingly.	PEC-W-6, PEC-W-11, PEC-W-12, PEC-W-15, PEC-W-17, PEC-W-31, PEC-W-31, PEC-W-37, PEC-W-47, PEC-W-50, PEC-W-51, PEC-W-63, PEC-W-63, PEC-W-100, PEC-W102, PEC-PAD1 through PEC-PAD14, PEC-PAD16 through PEC-PAD26, and PEC-PAD-28	N/A	Not applicable to Stage 1 works. No Stage 1 activities are proposed within any identified PADs.

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
AH5	All scarred trees identified during archaeological survey will be assessed by a qualified arborist to determine tree age and likely cause of the scarring in order to confirm the scientific significance prior to any impact to the scarred trees. Impacts to all scarred trees (including those of cultural significance) will be avoided where possible through design or construction methodology and must only be removed for permanent infrastructure and/or to meet Vegetation Clearance Requirements at Maximum Line Operating Conditions (Transgrid, 2003). If any scarred tree cannot be avoided, the tree will be subject to 3D scanning, followed by salvage of the scarred trunk. The results of this assessment will be reported on in addendum reports. Reports will be provided to RAPs for comment. Final reports will be provided to RAPs and to Heritage NSW.	PEC-W-57, PEC-W-67, PEC-W-80, PEC-W-85, PEC-W-86, PEC-W-90, PEC-W-91, PEC-W-104, PEC-W-105, PEC-W-107, PEC-W-107, PEC-W-109, PEC-W-110, PEC-W-110, PEC-W-111, PEC-W-112, PEC-W-113, PEC-W-115, PEC-W-118, PEC-W-118, PEC-W-122, PEC-W-122, PEC-W-122, PEC-W-128, PEC-W-130	N/A	Not applicable to Stage 1 works. There are no scarred trees in the location of the Stage 1 works, therefore this measure is not relevant to Stage 1.
AH6	All portions of artefact scatters that are to be directly impacted will require surface collection prior to construction commencement in those areas. Additionally, based on the outcomes of the test excavation, items or PADs will be subject to surface collection or salvage prior to the commencement of construction in those areas. The activities will be documented in a surface collection report.	Surface collection (artefact scatters impacted by disturbance area A) PEC-W-6, PEC-W-7, PEC-W-11, PEC-W-15, PEC-W-15, PEC-W-17, PEC-W-18, PEC-W-27, PEC-W-31, PEC-W-35, PEC-W-36, PEC-W-37, PEC-W-45, PEC-W-47, PEC-W-50, PEC-W-55, PEC-W-55, PEC-W-55, PEC-W-63, PEC-W-74, PEC-W-75, PEC-W-75, PEC-W-74, PEC-W-75, PEC-W-110, PEC-W-110, PEC-W-1119, PEC-G-7, 39-6-0030	N/A	Not applicable to Stage 1 works. There are no artefact scatters which will be directly impacted by Stage 1 works.

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
AH7	Aboriginal heritage exclusion zones will be established to protect: • known features/items of significance that have been identified to remain in-situ throughout construction (and not subject AH6) • scarred trees that are to remain insitu. Suitable controls will be identified in the heritage management sub-plan, which may include site fencing and sediment control. Aboriginal heritage zones will be demarcated by a suitably qualified archaeologist in consultation with the RAPs prior to the commencement of construction at each location. Areas of PADs that are located within areas of vegetation clearance where ground disturbance will not occur will be managed through construction methodologies and will not be delineated as exclusion zones. These methodologies will be developed in the heritage sub-plan.	PEC-W-1, PEC-W-4, PEC-W-5, PEC-W-6, PEC-W-10, PEC-W-12, PEC-W-23, PEC-W-27, PEC-W-29, PEC-W-36, PEC-W-36, PEC-W-37, PEC-W-45, PEC-W-45, PEC-W-45, PEC-W-47, PEC-W-49, PEC-W-52, PEC-W-53, PEC-W-53, PEC-W-54, PEC-W-60, PEC-W-66, PEC-W-66, PEC-W-66, PEC-W-66, PEC-W-66, PEC-W-81, PEC-W-81, PEC-W-82, PEC-W-81, PEC-W-82, PEC-W-81, PEC-W-82, PEC-W-82, PEC-W-100, PEC-W-101, PEC-W-101, PEC-W-102, 46-3-0086	Table 5.1, particularly H3 to H4	Neither PAD 27 nor PEC-W-103 are identified as an 'application location' relevant to this RMM. However, suitable controls to protect this object/PAD are identified in Table 5.1.
AH8	Construction planning and management will ensure that indirect impacts to features of heritage significance located outside areas of direct impact do not occur (including physical disturbance from surface water drainage or other mechanism).	All locations	Table 5.1 - H1 to H4	Indirect impacts to Aboriginal heritage objects/areas will be avoided through the implementation of both awareness and physical management measures.
AH9	Cultural and historic heritage awareness training will be carried out for all personnel working on the proposal prior to the personnel participating in construction activities. The training shall cover features of heritage significance within and adjacent to project locations and project protocols that must be complied with to minimise and manage potential impacts to those features.	All locations	Table 5.1 - H1 Section 6.1	All site personnel will undergo a site induction which address elements related to heritage management. In addition, toolbox talks will be delivered for personnel with key roles in heritage management.

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
AH10	If at any time during construction, any items of potential Aboriginal archaeological or cultural heritage significance, or human remains are discovered, they will be managed in accordance with the Aboriginal heritage unexpected finds protocol (refer to Appendix 2 of the Non-Aboriginal and Aboriginal Cultural Assessment Report (Navin, 2021)).	All locations	Table 5.1 - Error! Reference source not found., Error! Reference source not found. Appendix A	If an unexpected heritage find or Aboriginal skeletal material is discovered, the Unexpected Heritage Finds Procedure will be followed.
AH11	A temporary repository of any retrieved archaeological material and Aboriginal objects will be appropriately secured and under the care of the archaeological consultant. The strategy for the long-term conservation of salvaged or collected Aboriginal objects will be determined in consultation with RAPs.	As relevant	Section 5.1 Table 5.1 - H7	A temporary repository will be identified to store any unexpected Aboriginal objects and/or non-Aboriginal items identified during Stage 1 works. Consultation regarding the long-term conservation of salvaged or collected cultural material has commenced and the strategy is currently being developed.
Non-Aborig	jinal heritage			
NAH1	A non-Aboriginal heritage exclusion zone will be established for sites PEC-W-H-1 and PEC-W-SE-H1 (Survey Marker Trees). These sites will be fenced during construction and vegetation clearance for the proposal, to avoid inadvertent impacts during works. If impacts cannot be avoided, then the tree will be archivally recorded and research undertaken to confirm the nature and history of the item prior to impact occurring	Transmission Line	N/A	This measure is not relevant to Stage 1 works as the works are not in the vicinity of these items.
NAH2	Should the disturbance area for the proposal extend beyond the survey area, further assessment by an archaeologist will be carried to determine the likelihood of occurrence and significance of potential archaeology and impacts from the proposal (including built heritage) prior to the commencement of construction in these areas. The results of this assessment will be reported on in addendum reports for non-Aboriginal heritage. Reports will be provided to Heritage NSW.	Transmission Line	N/A	Survey will be undertaken for any disturbance areas outside of the previously surveyed heritage survey area.
NAH3	If at any time during construction, any items of potential non-Aboriginal archaeological significance, or human remains are discovered, they will be managed in accordance with the non-Aboriginal unexpected finds protocol. (refer to Appendix 2 of the Non-Aboriginal & Aboriginal Cultural Heritage Assessment Report (Navin, 2021)).	All locations	Table 5.1 - Error! Reference source not found., Error! Reference source not found. Appendix A	If an unexpected heritage find or human remains are discovered, the Unexpected Heritage Finds Procedure will be followed.

2.4 Guidelines

The main guideline relevant to this plan is:

• Aboriginal Cultural Heritage Consultation Requirements for Proponents (Department of Environment, Climate Change and Water (DECCW) 2010).

The document identified above is considered by the project as described and referenced throughout this HMP.

3 Existing environment

The following section summarises the existing Aboriginal and non-Aboriginal heritage within and adjacent to Stage 1 of the project. The key reference documents include:

- Section 10 and Section 11 of the EIS;
- Section 6.3 and Section 6.4 of the Amendment Report; and
- Appendix E of the Amendment Report (Revised Non-Aboriginal and Aboriginal Cultural Heritage Assessment Report, Navin Officer 2021) (Appendix E of the Amendment Report).

3.1 Aboriginal heritage

Text removed for public display

3.2 Non-Aboriginal heritage

No non-Aboriginal heritage items were identified in the EIS, Submissions Report or Amendment Report in the vicinity of Stage 1 disturbance area at Buronga.

Figure 3.1 - Location of PEC-W-103 and PEC-W-PAD27 (PAD27) in vicinity of Stage 1 disturbance area

4 Environmental aspects and impacts

4.1 Construction activities

An environmental aspect is an element of an organisation's activities, products, or services that has or may have an impact on the environment (ISO 14001 Environmental Management Systems). The relationship of aspects and impacts is one of cause and effect.

Key aspects of Stage 1 that could result in adverse impacts to heritage include:

- surface and/or ground disturbance as a result of vegetation clearing and grubbing;
- surface and/or ground disturbance as a result of ground excavation and earthworks;
- surface and/or ground disturbance as a result of vehicular movements or vibration-producing equipment; and
- surface disturbance as a result of surface water runoff from the active worksite.

4.2 Impacts

The potential for impacts on heritage will depend on a number of factors. Primarily impacts will be dependent on the nature, extent and magnitude of construction activities and their interaction with the natural environment.

4.2.1 Aboriginal heritage

Potential impacts and the total or partial loss of heritage value were assessed in Appendix E of the Amendment Report based on the Amendment Report design and proposed construction methodology. The type of impacts attributable to construction described in Appendix E of the Amendment Report include:

- direct impacts: impacts that move or physically alter items, objects, or features of a site. This
 includes, but is not limited to, direct physical impacts to midden/shell, hearths, stone artefacts,
 and scarred trees. Also, as impacts that directly and physically disturb the sediments and deposits
 of PADs.
- **indirect impacts:** potential impacts identified for sites located outside the disturbance area include, the physical disturbance from surface water drainage or other mechanism.

Stage 1 activities will not directly impact (harm) any recorded Aboriginal heritage sites or PADs as they are located outside the Stage 1 disturbance area.

Appendix E of the Amendment Report identified the potential for physical disturbance to heritage items located outside of the disturbance area, such as PAD27/PEC-W-103, due to surface water drainage from site or other mechanism (indirect impact). PAD27/PEC-W-103 is slightly elevated compared to the surrounding landform, therefore the risk of stormwater runoff from construction areas having sufficient energy and erosive potential to harm to PAD27 and PEC-W-103 is considered to be low.

Access to PAD27 and PEC-W-103 will be restricted to avoid any potential physical disturbance (e.g. due to accidental movement of vehicles or personnel across the nominated location).

Management measures identified in Table 5.1 have been developed to address the potential impacts to Aboriginal heritage items/features.

4.2.2 Non-Aboriginal heritage

Potential impacts to non-Aboriginal heritage items and the loss of heritage value of the site were assessed in Appendix E of the Amendment Report. The type of impacts attributable to construction described in Appendix E of the Amendment Report include:

- direct impacts: impacts that move or physically alter items, objects, or features of a site. This
 includes, but is not limited to, direct physical impacts to historic items, objects or features of a site
 and historic archaeological deposits; and
- **indirect impacts:** can be defined as impacts that alter the relationship of an item to other site features and/or its position in the natural landscape, including visual and/or aesthetic impacts.

Due to the distance between the works and recorded non-Aboriginal heritage items, however, no direct or indirect impacts to non-Aboriginal heritage items are expected as result of the works at Buronga. The potential for non-Aboriginal heritage archaeology in the Stage 1 disturbance area is considered to be low to nil.

In the event of any unexpected non-Aboriginal heritage find, the *Unexpected Heritage Finds Procedure* (45860-HSE-PR-G-1003) (Appendix A) will be implemented as described in Table 5.1.

5 Management measures

5.1 Aboriginal Cultural Heritage Strategy

Prior to commencing construction, an Aboriginal Cultural Heritage Strategy will be prepared for the project. The Aboriginal Cultural Heritage Strategy will be prepared in consultation with the RAPs and Heritage NSW, to the satisfaction of the Planning Secretary.

Condition E2 allows the preparation of plans on a staged basis, with the approval of the Planning Secretary. In accordance with condition D29 a), any additional risk zones must be identified where construction must not commence until subsurface testing and/or additional survey is undertaken. The Aboriginal Cultural Heritage Strategy will be staged to confirm the additional risk zones required in condition D29 a) to allow the commencement of construction in areas that are not identified as within the risk zones until the relevant survey and/or subsurface testing has been undertaken.

Construction will not commence in any identified risk zones until the relevant subsurface testing or survey is undertaken as required by condition D29 b) or D29 c).

5.2 Long-term management of heritage items or material

Initial consultation regarding the long-term management of any Aboriginal heritage objects or material collected during the test excavation or salvage works has commenced. The strategy for the management of that material will continue to be developed in consultation with the RAPs throughout the test excavation and salvage activities.

No test excavation or salvage is required for Stage 1 of construction works.

In the event that any unexpected Aboriginal objects or non-Aboriginal heritage items or material is discovered during Stage 1 of construction works, they will be managed in accordance with the *Unexpected Heritage Finds Procedure* (45860-HSE-PR-G-1003) presented in Appendix A.

A temporary repository will be identified to store any Aboriginal objects and/or non-Aboriginal heritage items or material collected prior to the finalisation of the long-term management approach for each item/material.

5.3 Heritage management measures

A range of environmental requirements and mitigation measures are identified in the EIS, Appendix G of the Response to DPIE Request for Information and Infrastructure Approval. Safeguards and management measures will be implemented to minimise or manage impacts to Aboriginal objects and non-Aboriginal heritage items/features.

Specific heritage related safeguards and management measures to address impacts associated with Stage 1 of the project are outlined in Table 5.1.

Table 5.1 - Heritage management measures

ID	Measurement/Requirement	When to implement	Responsibility	Source document
General			#	5.
H1	Training will be provided to all project personnel, including relevant sub-contractors on heritage practices and the requirements from this plan through inductions, toolboxes and targeted training. Cultural and historic heritage awareness training will be carried out for all personnel working on the project.	Pre-construction Construction	Health, Safety, Security and Environment (HSSE) Manager	RMM AH9 Condition D34 b)
H2	Identify known objects/features/items of heritage significance/PADs on sensitive area plans (SAPs) which will be communicated and made available to personnel working in the proximity of the relevant items.	Pre-construction Construction	Environmental Advisor, Environmental Manager	Good practice RMM AH8
Aborigin	al heritage			
НЗ	Potential indirect impacts to PAD27/PEC-W-103 resulting from physical disturbance due to surface water run-off will be managed in accordance with the <i>Soil and Water Management Plan</i> (45860-HSE-PL-D-0008).	Pre-construction Construction	Environmental Manager, Environmental Advisor	RMM AH8 Condition D34 b)
H4	Physical disturbance to PAD27/PEC-W-103 will be avoided through the delineation of the disturbance area in the vicinity of the PAD/site (e.g. star pickets and flagging along the disturbance area boundary), or through the establishment of other equivalent controls to restrict access. Access restrictions will be included/noted in SAPs.	Pre-construction (in the relevant area)	Environmental Manager, Supervisor	RMM AH8 Condition D34 b)
H5	An Aboriginal Cultural Heritage Strategy will be prepared in consultation with RAPs and Heritage NSW, to the satisfaction of the Planning Secretary. The Aboriginal Cultural Heritage Strategy will be staged to confirm the additional risk zones initially, to	Pre-construction	SecureEnergy	Condition D29
	allow the commencement of construction in areas that are not identified as risk zones until the relevant subsurface testing or additional heritage survey has been undertaken.			

EnergyConnect (NSW – Western Section) Stage 1 Heritage Management Plan

ID	Measurement/Requirement	When to implement	Responsibility	Source document
Unexp	ected finds			
H6	If at any time during construction, any potential Aboriginal objects, or human remains or any items of potential non-Aboriginal archaeological significance are discovered, stop all work in the immediate vicinity of the find and notify the Site Supervisor and Environmental Manager. The Unexpected Heritage Finds Procedure (45860-HSE-PR-G-1003) will be followed.	Pre-construction Construction	All personnel	RMM AH10 RMM NAH3 Condition D34 b) Heritage Act 1977 National Parks and Wildlife Act 1974 Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Cth)
H7	A temporary repository of any retrieved archaeological material and Aboriginal objects will be appropriately secured and under the care of the archaeological consultant. The strategy for the long-term conservation of salvaged or collected Aboriginal objects will be determined in consultation with RAPs.	Construction	Transgrid	RMM AH11 Condition D34 b)

6 Compliance management

6.1 Training and awareness

All site personnel will undergo the SecureEnergy site induction prior to the personnel participating in on-site construction activities. The induction training addresses elements related to heritage management including, but not limited to:

- the environmental management system, including the CEMP;
- cultural and historic awareness training, including features of heritage significance within and adjacent to project locations;
- management measures that are necessary to comply with to minimise and manage potential impacts to those features such as heritage exclusion zones; and
- the Unexpected Heritage Finds Procedure (45860-HSE-PR-G-1003).

Targeted training in the form of toolbox talks or specific training will also be delivered to personnel with a key role in heritage management. Examples of training topics include:

- establishment of heritage exclusion zones;
- details of specific features of heritage significance within or adjacent to the proposed work area;
 and
- discovery of any unexpected finds.

Records of training, including attendance, will be retained by SecureEnergy.

6.2 Roles and responsibilities

SecureEnergy's organisational structure and overall roles and responsibilities are outlined in Section 4 of the CEMP. Specific responsibilities for the implementation of mitigation measures are detailed in Section 5 of this HMP.

6.3 Monitoring

The impacts and environmental performance of the project relevant to Aboriginal and non-Aboriginal heritage, and the effectiveness of the management measures identified in Section 5 will be monitored through the proposed monitoring program in Table 6.1.

Table 6.1 - Monitoring program

Item	Scope	Frequency	Responsibility	Records/ reporting
Daily inspections	Visual inspection of work site, including any fencing along the disturbance boundaries	Daily when working in the earthwork material site and access road located to the north of PAD27	Supervisors Environmental Advisor	Site diary entry
Weekly inspection	Inspection of the environmental controls and implementation of the heritage mitigation measures outlined in Table 5.1.	Weekly	Environmental Advisor Site Supervisors	Weekly environmental inspection checklist

6.4 Inspections

Weekly inspections will be performed by the Environmental Advisor and documented in a weekly environmental checklist. The inspections will check the implementation and effectiveness of the management measures identified in Section 5 and the environmental performance of the project relevant to Aboriginal and non-Aboriginal heritage. Visual inspection of areas such as

delineated/fenced disturbance boundaries and any known heritage objects/items/features immediately adjacent to the work area (PAD27/PEC-W-103) will be undertaken.

6.5 Auditing

No heritage-specific audits are identified in the Infrastructure Approval or the RMMs.

Audits will be undertaken to assess the effectiveness of the management measures and overall compliance with this plan, and other relevant approvals, licences and guidelines. Audit requirements are detailed in Section 9.3 of the CEMP.

6.6 Reporting

Reporting which will be undertaken in accordance with the HMP is summarised in Table 6.2.

Table 6.2 - Reporting program

Item	Scope	Frequency	Responsibility	Recipient
Aboriginal Cultural Heritage Strategy	As defined in condition D29.	Prior to construction	SecureEnergy/Tra nsgrid*	RAPs Heritage NSW DPIE ER
Unexpected finds report	Unexpected heritage finds identified during project activities will be managed and reported upon in accordance with the <i>Unexpected Heritage Finds Procedure</i> (45860-HSE-PR-G-1003).	As required	Environmental Manager Transgrid	Transgrid Wentworth Council RAPs DPIE Heritage NSW AHIMS register ER (all as required in accordance with procedure)
Audit reports	Independent audits undertaken in accordance with the Infrastructure Approval will include audits of heritage measures (based on the Independent Auditor's program). Audit reports will be prepared. Further detail in relation to auditing is provided within Section 9.3 of the CEMP.	At intervals, no greater than 26 weeks from the date of the initial Independent Audit or as otherwise agreed by the Secretary.	Environmental Manager / Independent Auditor	Transgrid DPIE ER

^{*} SecureEnergy will prepare the documents in accordance with D29 and Transgrid will provide the documents to the recipients.

6.7 Emergencies, incidents and non-compliances

Emergency management and planning including emergencies related to Aboriginal and non-Aboriginal heritage will be undertaken in accordance with the Clough management system and relevant procedures. Emergencies will be managed in accordance with the relevant Health, Safety, Security and Environment (HSSE) Plan as identified in Section 8.1 of the CEMP – Emergency preparedness and emergency response.

Environmental incidents, including incidents related to Aboriginal and non-Aboriginal heritage (e.g. unauthorised/unapproved impact to heritage objects, items, artefacts or sites) will be managed as described in Section 8.2 of the CEMP – Environmental incidents and the Incident, Notification and Investigation Procedure Flowchart provided in Appendix A4 of the CEMP. The Unexpected Heritage Finds Procedure will also be followed to prevent any further damage and to notify the appropriate authorities.

Incident reporting is described in Section 8.3 of the CEMP – Incident notification and reporting.

Where a non-compliance has been identified, including those relevant to Aboriginal and non-Aboriginal heritage (e.g. not following the notification or reporting requirements in the Unexpected Finds Procedure), corrective actions will be developed as required and implemented to address the non-conformance that occurred as described in Section 11 of the CEMP – Non-compliance, non-conformance, corrective and preventative action. Reporting of non-compliances will be undertaken as described in Section 10.1 of the CEMP – Reporting non-compliances.

6.8 Contingency plan

Although the project has been assessed through the environmental impact assessment process and potential impacts identified, unpredicted impacts may occur as the project progresses. In the event that unexpected impacts are identified, the action or cause will be categorised and as required will be managed as:

- an emergency or environmental incident in accordance with Section 8 of the CEMP Incidents and emergencies; and/or
- a non-compliance or non-conformance in accordance with Section 11 of the CEMP Non-compliance, non-conformance, corrective and preventative action.

Reporting of the unpredicted impacts would be in line with the above processes and as described in Section 10 of the CEMP – Reporting.

Through the identification of corrective and/or preventative actions through the above processes, the following steps will be considered as relevant:

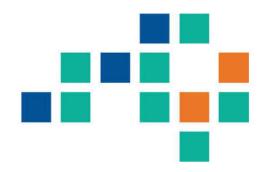
- a) determine the relevant impact assessment criterion/criteria, below which the impact should be reduced, consistent with the requirements of this HMP;
- b) identify options to reduce the unexpected impacts to below the relevant criterion/criteria and appropriate timeframe for implementation;
- c) implement the selected measure(s) to reduce the unexpected impacts; and
- d) identify and implement an appropriate monitoring program to determine the effectiveness of the selected measure(s) to reduce the unexpected impact.

If the above monitoring program identifies that the unexpected impacts have not been reduced to below the nominated criterion/criteria, items b) to d) of the contingency process will be repeated.

This section does not apply to unexpected heritage finds. These will be managed in accordance with the Unexpected Heritage Finds Procedure included in Appendix A of this HMP.

Appendix A - Unexpected Heritage Finds Procedure
--

INTERNAL



Unexpected Heritage Finds Procedure EnergyConnect (NSW – Western Section) 45860-HSE-PR-G-1003

DATE	GENERAL DESCRIPTION	PREPARED	REVIEWED	VERIFIED	VERIFIED	APPROVED
23/04/2021	For internal review	N. Whatmough	R. Wa ker-Edwards	G. Crighton	JL.Barrenechea	D. Whatmough
30/04/2021	Issued for TransGrid review	N. Whatmough	R. Wa ker-Edwards	G. Crighton	JL.Barrenechea	D. Whatmough
11/06/2021	Issued for TransGrid review	A.Kriegel	R. Wa ker-Edwards	G. Crighton	JL.Barrenechea	D. Whatmough
05/07/2021	Issued for TransGrid review	A.Kriegel	R. Wa ker-Edwards	G. Crighton	JL.Barrenechea	D. Whatmough
06/08/2021	Issued for TransGrid review	A.Kriegel	R. Wa ker-Edwards	G. Crighton	JL.Barrenechea	D. Whatmough
07/10/2021	Issued for TransGrid review	Verensa Edmonds (Oct 7, 2001 1245 GMT+12) Wism Krisegel V. Edmonds /	Lesseren V.	100 May 1869 1867 1869 1867 1859	Jan 14 D	D. Whatmough
	23/04/2021 30/04/2021 11/06/2021 05/07/2021 06/08/2021	23/04/2021 For internal review 30/04/2021 Issued for TransGrid review 11/06/2021 Issued for TransGrid review 05/07/2021 Issued for TransGrid review 06/08/2021 Issued for TransGrid review	23/04/2021 For internal review N. Whatmough 30/04/2021 Issued for TransGrid review N. Whatmough 11/06/2021 Issued for TransGrid review A.Kriegel 05/07/2021 Issued for TransGrid review A.Kriegel 06/08/2021 Issued for TransGrid review A.Kriegel 07/10/2021 Issued for TransGrid review A.Kriegel	23/04/2021 For internal review N. Whatmough R. Wa ker-Edwards 30/04/2021 Issued for TransGrid review N. Whatmough R. Wa ker-Edwards 11/06/2021 Issued for TransGrid review A.Kriegel R. Wa ker-Edwards 05/07/2021 Issued for TransGrid review A.Kriegel R. Wa ker-Edwards 06/08/2021 Issued for TransGrid review A.Kriegel R. Wa ker-Edwards 06/08/2021 Issued for TransGrid review A.Kriegel R. Wa ker-Edwards Vanessa Edwards Vanessa Edwards V. Edmonds /	23/04/2021 For internal review N. Whatmough R. Wa ker-Edwards G. Crighton N. Whatmough R. Wa ker-Edwards G. Crighton A.Kriegel R. Wa ker-Edwards G. Crighton	23/04/2021 For internal review N. Whatmough R. Wa ker-Edwards G. Crighton JL.Barrenechea N. Whatmough R. Wa ker-Edwards G. Crighton JL.Barrenechea A.Kriegel R. Wa ker-Edwards G. Crighton JL.Barrenechea Waressa Edwards V. Edmonds V. Ed

Once printed this document becomes uncontrolled. Refer to SecureEnergy Intranet for controlled copy.



	Revision History						
Rev.	Detailed Description						
Α	Issued for Internal review						
В	Issued for TransGrid review						
С	Revised in response to TransGrid comments						
D	Revised in response to TransGrid comments						
E	Revised in response to TransGrid comments and draft Infrastructure Approval						
F	Revised in response to TransGrid comments and to address the Infrastructure Approval						

	Key Document Stakeholders
	To be communicated with during reviews and revisions of this document
i -	

1 Introduction

This procedure explains the actions to be undertaken in the event that an unexpected actual or potential Aboriginal object or non-Aboriginal heritage item is identified during project activities.

1.1 Purpose

The purpose of this procedure is to detail the actions to be taken in the event that an unexpected actual or potential heritage find is encountered during project works within the NSW section of the works.

This procedure has been prepared to address a select portion of the requirements of condition D34 b) of the Infrastructure Approval (SSI 10040) granted by the Minister for Planning and Public Spaces and the revised mitigation measures (RMMs) AH10 and NAH3 identified in the EnergyConnect (NSW – Western Section) Response to DPIE Request for Information – 7 May 2021 and subsequent discussions (Additional Information).

2 Induction/Training

Personnel involved in any aspect of the project works will undertake an induction which will include details relating to this procedure. Training may also occur through toolbox talks, pre-starts and targeted training as required.

3 Scope

This procedure applies to the discovery of any unexpected Aboriginal object or non-Aboriginal heritage item (usually during construction activities, such as clearing, access track construction and tower pad construction), not identified and assessed in the environmental impact assessment of the project (excluding any item(s) identified during test excavations and salvage activities carried out in accordance with project commitments and approval).

3.1 Heritage objects/items

A heritage object or item can be found anywhere along the project corridor.

Examples of Aboriginal objects and sites include middens, Aboriginal burial sites, hearths, scarred trees and artefacts. An artefact is a normally portable object made or modified by human hand (*Non-Aboriginal & Aboriginal Cultural Heritage Assessment Report* (Navin Officer 2021)). An artefact can be found as an isolated find without associated evidence of occupation in a 60m radius, or as an artefact scatter when there are two or more artefacts within a 60m radius of each other.

Examples of non-Aboriginal heritage items include historic non-Aboriginal graves, old fence lines, survey marker trees and farm dwellings or outbuildings. All items will have their own respective cultural significance.

Some examples of heritage items and objects that have been identified within the project survey area are displayed in Table 3.1 below.

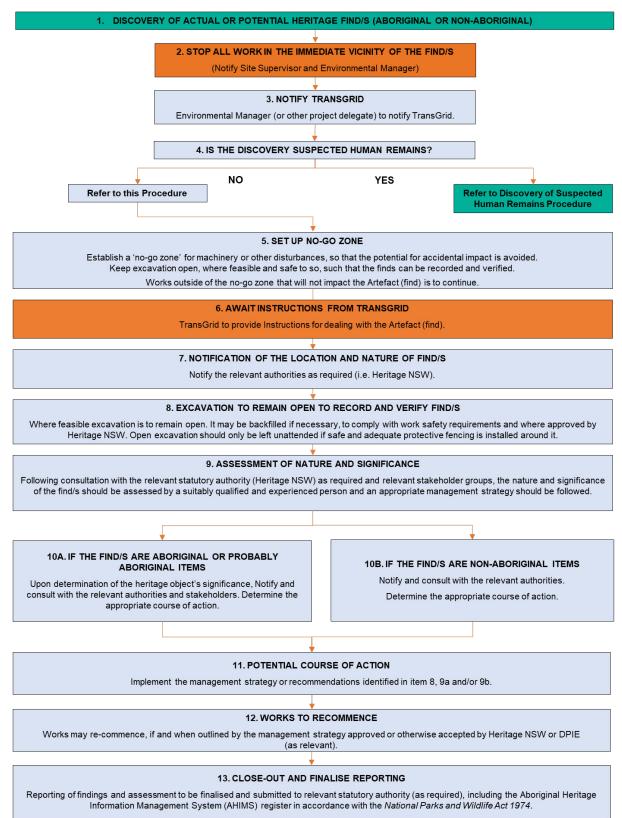
Table 3.1 - Examples of Aboriginal objects and sites and heritage items found in the project area

Item	Description	Photographs
Hearth	Hearth is a firepit or other fireplace features that are often made of fired clay balls, termite nest or occasionally ironstone and sometimes reflect multiple use.	
Midden	Middens are a concentration of artefactual debris that includes freshwater shells. Usually the result of interim or base camp activities and are normally situated within riparian zones. Lenses of freshwater mussel shells are also common in the dunes north of Lake Victoria.	
Artefacts scatters / isolated finds	Artefacts scatters are items associated with hunting or gathering activities, domestic camps or the manufacture and maintenance of stone tools. Isolated finds are artefacts that occur without any associated evidence of occupation. Defined as a single artefact located more than 60m from any other artefact. Isolated finds may also be indicative of subsurface archaeological deposit.	CANDAR AND S
Scarred Trees	A scarred tree is a tree from which bark has been removed by Aboriginal people for the creation of bark canoes, shelters, weapons such as shields, tools, traps, containers or other artefacts. Scars may include footholds cut in the tree to access birds nest etc. or holes cut in the tree to access honey or possums.	

Item	Description	Photographs
Survey Marker Tree	A survey marker tree is of European origin and commonly marked as reference points for corner boundaries of properties in the late 19 th and early 20 th century. Steel axe marks are often visible on the scar.	

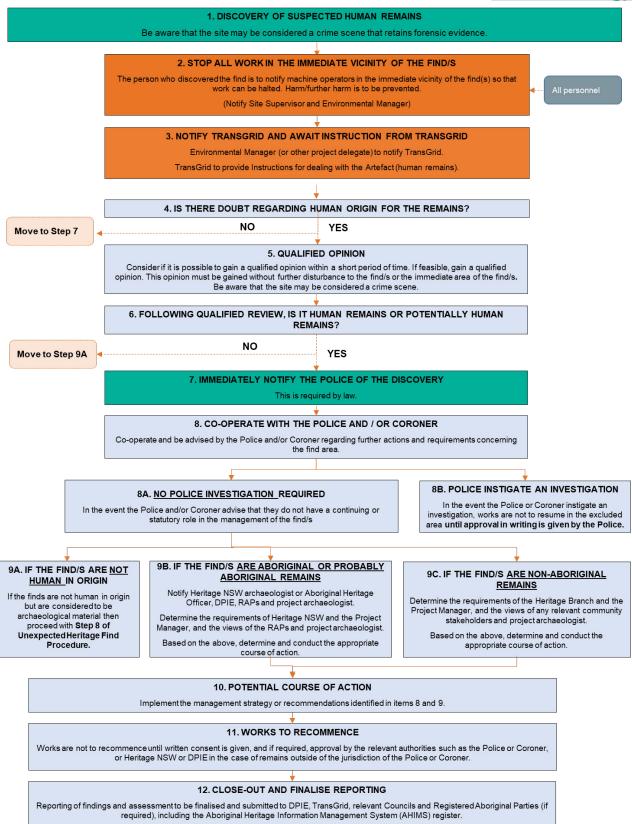
Heritage Management Procedure UNEXPECTED HERITAGE FINDS PROCEDURE





Heritage Management Procedure DISCOVERY OF SUSPECTED HUMAN REMAINS PROCEDURE





Appendix B - Registered Aboriginal Parties

Registered Aboriginal Parties were identified during the EIS process in accordance with *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW, 2010). Registrations of interest were received from:

- Muragadi;
- Murra Bidgee Mullangari;
- · Merrigarn;
- · Dareton Local Aboriginal Land Council;
- Arthur Kirby;
- Barkandji Native Title Claim Group Aboriginal Corporation (RNTBC);
- Barkandji Native Title Claim Group Aboriginal Corporation;
- Barkindji Maraura Elders Environment Team (BMEET);
- Riverina Murray Regional Alliance;
- · Ricky Handy;
- · Hector Hudson;
- · Kingsley Abdulla;
- · Warren Clarke;
- · Barkindji-Maraura Elders Council;
- Ta-Ru of Management/Maroura Barkindji Traditional Owners;
- Biodiversity and Conservation Department of Planning, Industry and Environment;
- C/- Damos Family Dream;
- Alynthia Kennedy.

'Aboriginal stakeholders' are defined in the Infrastructure Approval as the Registered Aboriginal Parties (RAPs) from the EIS, i.e. the above list.

Appendix C - Relevant legislation

Legislation/ Regulations	Aspect	Reference	Requirement	Applicability	Responsibility			
Commonwealth	Commonwealth legislation							
Aboriginal and Torres Strait Islander Heritage Protection Act 1984	Protection of areas and objects	Section 10	Comply with any declarations relating to the project area	No declarations have been made relating to the project area. In the event that declarations are made, this HMP will be updated if required.	Transgrid SecureEnergy			
		Section 20	Report any discovery of Aboriginal remains to the Federal Minister for the Environment and Heritage.	Yes, notification requirements are detailed in the Heritage Management Plan.	SecureEnergy			
		Section 22	Comply with the provisions of any declaration in relation to a significant Aboriginal area or object.	Yes, a Heritage Management Plan has been prepared and will be implemented for the project to outline the compliance requirements for the declared Aboriginal areas or objects within the project footprint.	Transgrid SecureEnergy			
Native Title Act 1994	Native Title Land	All	Native Title claims, registers and Indigenous Land Use Agreements are administered under the Act.	The project area intersects with the Barkandji Traditional Owners #8 (Part A) native title area (determined). Barkandji Traditional Owners will be included in consultation and archaeological survey for the project.	Transgrid / SecureEnergy			
New South Wa	les legislation							
Environmental Planning and Assessment Act 1979 (EP&A Act)	All	Section 5.5	A determining authority has the duty to fully consider the environmental impact (including Aboriginal or non-Aboriginal heritage) of an activity and is required to 'take into account the fullest extent possible all matters affecting, or likely to affect the environment' arising from the proposal.	The EnergyConnect (NSW - Western Section) - Environmental Impact Statement was submitted to Department of Planning, Industry and Environment in October 2020 and publicly exhibited between 26 September 2019 and 10 December 2020. On 14 April 2021, the response to submissions was finalised in the EnergyConnect (NSW - Western Section) – Submissions Report.	Transgrid			
			A separate EnergyConnect (NSW - Western Section) – Amendment Report, to document design changes and additional environmental assessment undertaken, was also finalised on 14 April 2021.					
				Transgrid prepared and provided a memorandum titled EnergyConnect (NSW – Western Section) Response to DPIE Request for Information – 7 May 2021 and subsequent discussions to DPIE on the 10 August 2021 in response to DPIE requested additional information				

Legislation/ Regulations	Aspect	Reference	Requirement	Applicability	Responsibility
				(EnergyConnect (NSW – Western Section) (SSI-10040) Request for Additional Information).	
		Section 5.19	Approval of the Minister required to carry out critical State significant infrastructure (CSSI). Comply with the conditions of the Infrastructure Approval and generally in accordance with the revised mitigation measures from Appendix G of the Response to DPIE Request for Information.	The project requires approval from the NSW Minister for Planning and Public Spaces under Division 5.2, Part 5 of the EP&A Act. The project was assessed as above. Approval for EnergyConnect (NSW - Western Section) was granted by the Minister for Planning and Public Spaces.	Transgrid
National Parks and Wildlife Act 1974 (NP&W Act)	Aboriginal places and objects	Part 6 Division 2 Clause 90	This Act provides protection for Aboriginal cultural heritage in NSW, including Aboriginal objects and declared Aboriginal places. Section 86 creates the offence and section 90 creates the requirement to obtain a permit to impact an Aboriginal object, place, land, activity or person.	As the project has been declared as critical State significant infrastructure, in accordance with s.5.23 of EP&A Act, section 90 of the <i>National Parks and Wildlife Act 1974</i> , which outlines the requirements for Aboriginal heritage impact permits, does not apply.	Not applicable
		Part 6 Division 1 Clause 89A	Notify the NPWS within reasonable time of becoming aware of the location or discovery of certain Aboriginal objects.	Yes, notification requirements are detailed in the Heritage Management Plan, specifically in the Unexpected Finds Procedure.	SecureEnergy
Heritage Act 1977	Heritage	Section 57	Do not undertake an activity that will affect a place, building, work, relic, moveable object or precinct which is subject to an Interim Heritage Order or is listed on the State Heritage Register without approval from the Heritage Council.	As the project has been declared as critical State significant infrastructure, in accordance with s.5.23 of EP&A Act, approval under Section 57 (1) of <i>Heritage Act 1977</i> does not apply.	Not applicable
		Section 139	An excavation permit is required under certain circumstances. A person must not disturb or excavate land with knowledge or reasonable cause to suspect that the disturbance or excavation will or is likely to result in a relic being discovered, exposed, moved, damaged or destroyed; or a person must not disturb or excavate land on where a relic has been discovered or exposed.	As the project has been declared as critical State significant infrastructure, in accordance with s.5.23 of EP&A Act, approval under Section 139 of <i>Heritage Act</i> 1977 does not apply.	Not applicable

EnergyConnect (NSW – Western Section) Stage 1 Heritage Management Plan

Legislation/ Regulations	Aspect	Reference	Requirement	Applicability	Responsibility
		Section 146	A person who is aware or believes that he or she has discovered or located a relic must within a reasonable time notify the Heritage Council of the location of the relic, unless he or she believes on reasonable grounds that the Heritage Council is aware of the location of the relic, and within the period required by the Heritage Council, furnish the Heritage Council with such information concerning the relic as the Heritage Council may reasonably require.	Yes, notification requirements are detailed in the Heritage Management Plan.	SecureEnergy