Green Hill Solar Farm
EN010170

Environmental Statement
Chapter 27: Commitments Register
Revision A (Tracked)

Prepared by: Lanpro

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APFP Regulation 5(2)(a)

Schedule of Changes

Revision	Section Reference	Description of Changes	Reason for Revision
A	[cover]	Updated to Revision A	As required for submission at Deadline 6.
	[throughout]	Updates to document references	As required for submission at Deadline 6.
	[throughout]	Review of all updates	As required following updates throughout the examination period and as part of applicant due diligence.

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Issue Sheet

Report Prepared for: Green Hill Solar Farm

~~DCO Submission~~
Examination Deadline 6

Chapter 27: Commitments Register

Revision A

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Original	23/05/2025	CA	TC
A	24/03/2026	SF	JC

27 Commitments Register

27.1 Introduction

27.1.1 **Table 27.1** lists the environmental mitigation measures to be adopted during the construction, operation and maintenance, and decommissioning phases of the Proposed Scheme, and identifies where that mitigation is secured in Schedule 2 Requirements of the Draft Development Consent Order (DCO) [~~EN010170/APP~~EX6/GH3.1_E].

27.1.2 The DCO requirements, relevantly for the purposes of this document, secure these plans, the outlines of which are submitted with the application:

- Construction Environmental Management Plan (CEMP);
- Operational Environmental Management Plan (OEMP);
- Decommissioning Statement (DS);
- Landscape Ecological Management Plan (LEMP);
- Ecological Protection and Mitigation Strategy (EPMS);
- Soil Management Plan (SMP);
- Battery Storage Safety Management Plan (BSSMP);
- Skills Supply Chain and Employment Plan (SSCEP);
- Construction Traffic Management Plan (CTMP);
- Public Rights of Way and Permissive Paths Management Plan (PRoWPPMP); and
- Operational Traffic Management Plan (OTMP).

27.1.3 Other control mechanisms include the Works Plan [~~EN010170/APP~~EX6/GH2.4_G] and the requirement for approval of detailed design which secures the Concept Design Parameters and Principles [~~EN010170/APP~~EX6/GH7.17_C].

Table 27.1: Environmental Commitments Register

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – CC~~-~~-01	Increasing recyclability by segregating construction waste to be re-used and recycled where reasonably practicable.	Construction Operation Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 24: Other Environmental Matters – ~~Waste~~ **~~[EN010170/APP/GH6.2.24]~~** **[REP1-027]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – CC~~-~~-02	Designing, constructing and implementing the Scheme in such a way as to minimise the creation of waste and maximise the use of alternative materials with lower embodied carbon, such as locally sourced products and materials with a higher recycled content where feasible.	Construction Operation Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 24: Other Environmental Matters – ~~Waste~~ **~~[EN010170/APP/GH6.2.24]~~** ~~Chapter 13: Transport and Access~~ **~~[EN010170/APP/GH6.2.13~~[REP1-027]]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]** ~~Outline Construction Traffic Management Plan~~ **~~[EN010170/APP/GH7.9]~~** ~~Outline Operational Traffic Management Plan~~ **~~[EN010170/APP/GH7.25]~~** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – CC~~-~~-03	Reusing suitable infrastructure and resources already available within the Sites where ~~possible~~practicable to minimise the use of natural resources and unnecessary materials (e.g. reusing excavated soil for fill requirements).	Construction	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 24: Other Environmental Matters – ~~Waste~~ **~~[EN010170/APP/GH6.2.24]~~** **[REP1-027]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** ~~Outline Operational Environmental Management Plan~~ **~~[EN010170/APP/GH7.2]~~** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – CC~~-~~-04	Adopting the Considerate Constructors Scheme (CCS) to assist in reducing pollution, including GHGs, from the Scheme by employing good industry practice measures.	Construction Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 16: Air Quality **~~[EN010170/~~[APP~~/GH6.2.16~~-053]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – CC~~-~~-05	Conducting regular planned maintenance of the construction plant and machinery to optimise efficiency.	Construction Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 16: Air Quality **~~[EN010170/~~[APP~~/GH6.2.16~~-053]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – CC~~–~~-06	Encouraging the use of lower carbon modes of transport by identifying and communicating local bus connections and pedestrian and cycle access routes to/ from the Scheme to all construction staff and providing appropriate facilities for the safe storage of cycles.	Construction Operation Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** ~~Chapter 13: Transport and Access [EN010170/APP/GH6.2.13]~~	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[EX6/GH7.2_D]** Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[~~EN010170/APP/GH7.25]~~ REP1-157]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – CC~~–~~-07	Liaising with construction personnel for the potential to implement staff minibuses and car sharing options.	Construction Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[EX6/GH7.2_D]** Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[~~EN010170/APP/GH7.25~~REP1-157]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – CC~~–~~-08	Implementing a Travel Plan to reduce the volume of construction staff and employee trips to the Scheme.	Construction Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[~~EN010170/APP/GH7.25~~REP1-157]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – CC~~–~~-09	Switching vehicles and plant off when not in use and ensuring construction and operation vehicles conform to current EU emissions standards.	Construction Operation Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]** Outline Operational Environmental Management Plan **[EX6/GH7.2_D]** Outline Decommissioning Statement **[EX6/GH7.3_C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – CC~~-~~-10	Health and safety plans developed for construction and decommissioning activities will be required to account for potential climate change impacts on workers, such as flooding and heatwaves	Construction Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – CC~~-~~-11	Using equipment's cooling systems where necessary/adapting working practices and equipment used based on current weather conditions	Construction Operation Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – CC~~-~~-12	Protecting workers and resources from extreme weather conditions through appropriate PPE and working practices	Construction Operation Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – CC~~-~~-13	Monitoring weather forecasts and the news for Environment Agency flood warnings, relevant weather warnings, and water levels of the local waterways	Construction Operation Decommissioning	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 23: Major Accidents and Disasters **[~~EN010170/~~APP~~/GH6.2.23~~-060]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – CC~~-~~-14	Battery Energy Storage System (BESS) systems would include Heating, Ventilation and Cooling (HVAC) systems and these would be contained within the individual equipment containers, attached to the side or top of each container, or located separate from but near to each of the container.	Construction Operation	Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Outline Battery Storage Safety Management Plan **[~~EN010170/APP~~REP5-075]** Concept Design Parameters and Principles **[EX6/GH7.~~7~~17_C]**
EN010170 – CC-15	8m or 9m easements have been established around all watercourses, including Main Rivers and Ordinary Watercourses;	Construction	Chapter 7: Climate Change **[APP-044]**	Concept Design Parameters and Principles **[EX6/GH7.17_C]** **Approval of detailed design.**
EN010170 – CC-16	All service cabling should be designed and installed to be flood resilient / water compatible. This should be achieved in accordance with appropriate design standards and best practise guidance;	Construction	Chapter 7: Climate Change **[APP-044]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Flood Risk Assessment and Drainage Strategy **[REP5-021]**
EN10170 – LVIA-01	Retention of existing woodland/scrub and hedgerow cover (other than where required for access). Existing hedgerows are to be allowed to grow out and will be managed to a height of 4.5m. Hedgerow trees will be encouraged to grow out to add further thickening and growth to field boundaries.	Construction Operation	Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]**	Outline Landscape and Ecological Management Plan **[~~EN010170/APP~~EX6/GH7.4_E]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN10170 – LVIA-02	New planting will provide a more varied landscape in terms of management and vegetation. Overall enhancement and strengthening of the Local Character Area with new planting and grassland reversion, where appropriate.	Construction Operation	Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]**	Outline Landscape and Ecological Management Plan **[~~EN010170/APP~~EX6/GH7.4_E]**
EN10170 – LVIA-03	Existing water corridors have been identified, and new riparian planting has been proposed to enhance these features as they pass through the Sites. The careful use of scattered tree and hedge planting adjacent to watercourses will reinforce the riparian character in these areas of the landscape.	Construction Operation	Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]** Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	Outline Landscape and Ecological Management Plan **[~~EN010170/APP~~EX6/GH7.4_E]**
EN10170 – LVIA-~~06~~04	The following fields/ field areas have been avoided to reduce Landscape and Visual Impacts: AF1, AF5, AF7, AF8, A12, AF10, AF11, AF15 (western extent), AF19, AF21, A2F1 (eastern extent), A2F1 (southern extent), BF1, BF5 (eastern extent), CF1, CF2, CF3, CF4, CF7, CF10, DF1 (northern extents), DF3 (eastern extents), DF4, DF1, DF2, DF3, DF4 (western extents), DF1, DF2, DF3 (eastern extents), EF9, EF10, EF11, EF12, EF5, EF4 (southern extents), EF13, EF14, EF15, EF16 (northern extents), EF13 (western extents), EF34, EF29, EF30, EF27 (south eastern extent), F6, FF7, FF8, FF18 (northern extent), FF11 (northern extent), FF9, FF13, FF14, FF16, FF27, FF28, FF30, FF31 (eastern extents), GF12, GF11, GF7, GF8, GF6, GF2 (eastern extents), GF8, GF6, GF1 (western and southern extents), GF13 (eastern extents), BESS1 (north and eastern extents).	Construction Operation	Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]**	Approval of detailed design
EN10170 – LVIA-05	Motion sensing security lighting will be provided within substations and within the BESS to be used only for maintenance and security purposes. No permanent visible lighting will be utilised at the Order limits perimeter. A sensitive lighting scheme will be developed ensuring inward distribution of light and avoiding light spill onto existing boundary features.	Operation	Chapter 8: Landscape and Visual Impact Assessment **[APP-045]** Chapter 9: Ecology and Biodiversity **[EX6/GH6.2.9_B]**	Outline Operational Environmental Management Plan **[EX6/GH7.2_D]** Concept Design Parameters and Principles **[EX6/GH7.17_C]**
EN10170 – LVIA-~~07~~06	~~Motion sensing security lighting will be provided within substations and within the BESS to be used only for maintenance and security purposes.~~Temporary site lighting during construction will be required to enable safe working during construction and decommissioning during hours of darkness and will be designed as far as reasonably practicable to minimise potential for light spillage outside the Sites and Cable Route Corridor, particularly towards houses, traffic and ecological habitats. ~~Standard good practice measures would be employed to minimise light spill, including glare during construction, operation and decommissioning.~~ ~~There will be no lighting on perimeter fencing.~~	Construction ~~Operation~~ Decommissioning	Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]** Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** ~~Outline Landscape and Ecological Management Plan [EN010170/APP/GH7.4]~~ Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5_D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]** Concept Design Parameters and Principles **[EX6/GH7.17_C]**
EN10170 – LVIA-~~08~~07	The location of the solar panels will be set back a minimum distance of 4m from the site~~ boundary.~~	Construction	Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]**	Works ~~Plans [EN010170/APP~~Plan **[EX6/GH2.4_G]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	~~-~~wide perimeter fencing.	Operation	~~Chapter 14: Noise and Vibration [EN010170/APP/GH6.2.14]~~ Chapter 12: Cultural Heritage [~~EN010170/~~APP~~/GH6.2.12~~-049]	~~Outline Construction Environmental Management Plan [EN010170/APP/GH7.1]~~ ~~Outline Landscape and Ecological Management Plan [EN010170/APP/GH7.4]~~ ~~Outline Ecological Protection and Mitigation Strategy [EN010170/APP/GH7.5]~~ Concept Design Parameters and Principles [~~EN010170/APP~~EX6/GH7.17_C] Approval of detailed design.
EN10170 – LVIA-~~9~~08	Appropriate buffers from local ecological designations and sensitive ecological receptors have been incorporated into the Scheme where required.	Construction Operation	Chapter 8: Landscape and Visual Impact Assessment [~~EN010170/~~APP~~/GH6.2.8~~-045] Chapter 9: Ecology and Biodiversity [~~EN010170/APP~~EX6/GH6.2.9_B]	Works ~~Plans [EN010170/APP~~Plan [EX6/GH2.4_G] ~~Outline Landscape and Ecological Management Plan [EN010170/APP/GH7.4]~~ Outline Ecological Protection and Mitigation Strategy [~~EN010170/APP~~EX6/GH7.5_D] Concept Design Parameters and Principles [EX6/GH7.17_C]
EN10170 – LVIA-~~10~~09	Scheme allows for 15m to fence line from existing hedgerows allowing space for new woodland, shelterbelts or grassland margins to be established and to allow for the thickening and growth of existing vegetation.	Construction Operation	Chapter 8: Landscape and Visual Impact Assessment [~~EN010170/~~APP~~/GH6.2.8~~-045] Chapter 9: Ecology and Biodiversity [~~EN010170/APP~~EX6/GH6.2.9_B]	Works ~~Plans [EN010170/APP~~Plan [EX6/GH2.4_G] ~~Outline Landscape and Ecological Management Plan [EN010170/APP/GH7.4]~~ Outline Ecological Protection and Mitigation Strategy [~~EN010170/APP~~EX6/GH7.5_D] Concept Design Parameters and Principles [EX6/GH7.17_C]
~~EN10170 – LVIA-11~~	~~Retention of existing woodland/scrub and hedgerow cover along recreational routes. Public Rights of Way (PRoW) would be buffered with 15m to proposed fence lines to allow for establishment of existing hedgerows or woodland cover to each side.~~	~~Construction~~ ~~Operation~~	~~Chapter 8: Landscape and Visual Impact Assessment [EN010170/APP/GH6.2.8]~~ ~~Chapter 12: Cultural Heritage [EN010170/APP/GH6.2.12]~~ ~~Chapter 9: Ecology and Biodiversity [EN010170/APP/GH6.2.9]~~	~~Public Rights of Way and Permissive Paths Management Plan [EN010170/APP/GH7.10]~~
EN10170 – LVIA-~~15~~10	At decommissioning phase, other than the buried cabling, all infrastructure would be removed, alternatively, the cables can be removed by opening up the ground at regular ~~interval~~intervals and pulling the cable through to the extraction point, leaving the ducting and jointing bays in place, avoiding the need to open up the entire length of the cable route. Agricultural fields will be returned back to agriculture.	Decommissioning	Chapter 8: Landscape and Visual Impact Assessment [~~EN010170/~~APP~~/GH6.2.8~~-045] Chapter ~~22: Ground Conditions [EN010170/~~19: Arboriculture [APP~~/GH6.2.22~~-056] ~~Chapter 20: Agricultural Circumstances [EN010170/APP/GH6.2.20]~~	~~Outline Landscape and Ecological Management Plan [EN010170/APP/GH7.4]~~ ~~Outline Ecological Protection and Mitigation Strategy [EN010170/APP/GH7.5]~~ Outline Decommissioning Statement [~~EN010170/APP~~EX6/GH7.3_C]

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	The reinforced landscape however would be retained providing long term benefit towards legacy landscape.			
EN10170 – LVIA-~~16~~ 11	The following buffers have been embedded into the design of the Scheme to protect the landscape fabric of the Sites. Infrastructure associated with the Scheme is located outside of the buffers listed below with the exception of internal access tracks where exclusion from the buffers is unavoidable. Buffers are measured from the outer edge of the hedgerow, root protection area of the tree canopy (in the case of woodland or individual trees) or the banktop of the watercourse. • 8m, or 9m from ditches where within Milton Keynes City Council and West Northamptonshire area • 8m minimum from any trees with 'low' suitability for roosting bats. • 10m minimum from ditches with signs of otter or water vole, or trees with 'moderate' suitability for roosting bats. • 15m minimum from all hedgerows, minor watercourses (small streams), 'outlying' badger setts and from any tree with 'high' suitability for roosting bats. • 20m minimum from woodland, ponds and moderate watercourses (depending on ecological value). • 30m minimum from ancient woodland, major watercourses (e.g. rivers) and 'main', subsidiary' or 'annexe' badger setts. • 10m from Individual trees and groups of trees (unless arboricultural surveys indicate a greater Root Protection Area is required). Other, bespoke buffers will be agreed around bat roosts and the nesting sites of Schedule 1 birds as appropriate. Other Site Offsets: • 50m minimum from curtilage of Residential Properties. • 15m minimum from PRoW (Public Footpath, Bridleway). • 6m minimum from services (excluding identified crossing points for cabling). • ~~5m from Scheme Boundary.~~ • ~~4m minimum internal offset from fence~~site-wide perimeter fencing to panel. • ~~Other, bespoke buffers will be agreed around bat roosts and the nesting sites of Schedule 1 birds as appropriate.~~	Construction Operation Decommissioning	~~Chapter 9: Ecology and Biodiversity [EN010170/APP/GH6.2.9]~~ Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP/~~GH6.2.8~~-045]** Chapter 9: Ecology and Biodiversity **[EX6/GH6.2.9_B]** Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 12: Cultural Heritage **[~~EN010170/~~APP/~~GH6.2.12~~-049]** ~~Chapter 13: Transport and Access [EN010170/APP/GH6.2.13]~~ Chapter 14: Noise and Vibration **[~~EN010170/~~APP/~~GH6.2.14~~-051]** Chapter 17: Socio-Economics **[~~EN010170/~~APP/~~GH6.2.17~~-054]** Chapter 19: Arboriculture **[~~EN010170/~~APP/~~GH6.2.19]~~** ~~Chapter 24: Other environmental matters [EN010170/APP/GH6.2.24]~~ **-056]**	Works ~~Plans [EN010170/APP~~Plan **[EX6/GH2.4_G]** Concept Design Parameters and Principles **[~~EN010170/APP~~EX6/GH7.17_C]** Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** ~~Outline Landscape and Ecological Management Plan [EN010170/APP/GH7.4]~~ Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5_D]** Approval of detailed design

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EN10170 – LVIA-12	In order to retain an element of open views across field AF29, the shrubby element of hedgerows bordering the eastern and western boundaries of field AF29 (including hedgerow number AB33.1,AB33.2 and AB32 as indicated on the Hedgerow and Tree Protection Plan [APP-016]) will be managed at their current height of approximately 1.5m, or as existing if greater. Hedgerow along the western edge of EF20 will be managed at lower height of 1.5m	Operation	Chapter 8: Landscape and Visual Impact Assessment **[APP-045]** Chapter 9: Ecology and Biodiversity **[EX6/GH6.2.9_B]**	Outline Landscape and Ecological Management Plan **[EX6/GH7.4_E]**
EN010170 – EB~~–02~~-01	Installation of protective fencing prior to the onset of construction. The buffer zones specified in ~~Chapter 9: Ecology and Biodiversity [EN010170/APP~~**[EX6/GH6.2.9]** ~~will drive these locations.~~ **_B]** the Outline Ecological Protection and Mitigation Strategy **[EX6/GH7.5_D].**	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9~~]~~** ~~Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22]~~ ~~Chapter 10: Hydrology, Flood Risk and Drainage [EN010170/APP/GH6.2.10]~~ **_B]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~** **_D]**
EN010170 – EB~~–03~~-02	~~Additional safeguarding pollution prevention measures~~Restrictions on the use of fuels and other contaminants in proximity to boundary features and other sensitive habitats.~~–~~	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]** ~~Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22]~~ Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 22: Ground Conditions and Contamination **[REP1-025]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~** **_D]**
EN010170 – EB~~–04~~-03	Measures to limit dust-generating activities, such as when working in dry conditions.~~–~~	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~** **_D]**
EN010170 – EB~~–05~~-04	Measures to limit the mobilisation of sediments and run-off, such as when working in very wet conditions or the use of silt fencing when working in ditches.~~–~~	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]** ~~Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22]~~ Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 22: Ground Conditions and Contamination **[REP1-025]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~** **_D]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – EB~~–06~~-05	Construction personnel will receive a Toolbox Talk detailing the presence of sensitive ecological features at or close to the Sites and will be informed that no materials should be stored, or vehicles drive, through buffer zones.~~–~~	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]** Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22~~REP1-025]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~_D]**
EN010170 – EB~~–07~~-06	An Ecological Clerk of Works will be designated at the onset of the construction phase, which will provide ecological supervision during the completion of any works which have the potential to impact protected and notable species, as appropriate.	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9~~]~~_B]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~_D]**
EN010170 – EB~~–08~~-07	Cable routing will observe ecological buffers wherever practicable and follow precautionary working methods, including seasonal timing, Ecological Clerk of Works (ECoW) supervision where necessary, and use of trenchless techniques such as horizontal directional drilling (HDD) beneath sensitive features such as the River Nene and Earls Barton Meadow Local Wildlife Site (LWS) (if impacts cannot otherwise be avoided). Habitats will be reinstated and following the completion of works.	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	~~Outline Construction Environmental Management Plan [EN010170/APP/GH7.1]~~ Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~_D]**
EN010170 – EB~~–09~~-08	Implementation of species protection measures outlined in the OEPMS, including pre-construction surveys for badgers, otters, and water voles; further inspections of features (e.g. trees and buildings) which are suitable for roosting bats; acquisition of protected species mitigation licences where required; delivery toolbox talks; and ECoW supervision during works where required.	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~_D]**
EN010170 – EB~~–10~~-09	Use of HDD methods at aquatic crossings where open-cut trenching poses risk to invertebrates and fish; where trenching is required, implement sensitive timing, fish capture/translocation, and post-construction monitoring.	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	~~Outline Construction Environmental Management Plan [EN010170/APP/GH7.1]~~ Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~_D]**
EN010170 – EB~~–11~~-10	~~Staged vegetation clearance under ECoW supervision for reptiles and amphibians, and delivery of great crested newt mitigation as required through District Licensing scheme.~~ Criteria under which the ECoW would be required in order to oversee certain construction activities which have the potential to impact on protected species, such as localised habitat clearance, ditch/watercourse engineering works. These criteria would trigger the need for ECoW attendance and, potentially, pre-commencement surveys or preparation by an ecologist, as well as follow up monitoring or reporting.	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	~~Outline Construction Environmental Management Plan [EN010170/APP/GH7.1]~~ Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~_D]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – EB~~—12~~-11	~~Implementation of seasonal restrictions and confidential protocols for breeding birds, including Schedule 1 species. Winter working restrictions to prevent disturbance to overwintering birds in undeveloped fields; no entry unless confirmed bird-free. ECoW supervision as required.~~ Criteria under which certain potentially impactful operations would need to be restricted to particular months or seasons in order to lessen likely adverse ecological effects (for example, hibernation or nesting season for particular species).	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	~~Outline Construction Environmental Management Plan **[EN010170/APP/GH7.1]**~~ Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5~~]~~ _D]**
EN010170 – EB~~—13~~-12	Site lighting (where required) will be installed as far as reasonably practicable to minimise potential for light spillage outside the Sites and Cable Route Corridor, particularly towards valuable ecological habitats. Standard good practice measures would be employed to minimise light spill, including glare, during construction. A sensitive lighting strategy will specify where and how any artificial lighting will be used, which will serve to mitigate adverse impacts on ecological receptors such as bats.	Construction Operation	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]** Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]**	Outline Ecological Protection and Mitigation Strategy **[~~EN010170/APP~~EX6/GH7.5_D]**
EN010170 – EB~~—14~~-13	Access tracks and infrastructure will be routed to use existing field entrances and farm tracks wherever possible, avoiding sensitive habitats and buffer zones. Where hedgerow removal is required for non-permanent accesses, reinstatement will be undertaken post-construction, and measures such as hedgerow translocation will be explored where feasible.	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]** ~~Chapter 13: Transport and Access **[EN010170/APP/GH6.2.13]**~~	~~Outline Ecological Protection and Mitigation Strategy **[EN010170/APP/GH7.5]**~~ Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
~~EN010170 – EB—15~~	~~Implementation of habitat creation and enhancement measures, including creation of permanent grassland, areas designated for golden plover functionally linked land mitigation, and fields designated for continued arable use and set-aside managed for overwintering birds, breeding birds, and arable weeds.~~	~~Construction, Operation~~	~~Chapter 9: Ecology and Biodiversity **[EN010170/APP/GH6.2.9]**~~	~~Outline Landscape and Ecological Management Plan **[EN010170/APP/GH7.4]**~~
EN010170 – EB~~—16~~-14	Implementation of habitat creation and enhancement measures, including creation of permanent grassland; habitats designated for golden plover functionally linked land mitigation; and fields designated for continued arable use and set-aside managed for overwintering birds, breeding birds, and arable weeds.	Operation	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]** Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]**	Outline Landscape and Ecological Management Plan **[~~EN010170/APP~~EX6/GH7.4_E]**
EN010170 – EB~~—17~~-15	Cabling under the River Nene to be buried to a minimum depth of 5m using HDD methods to avoid potential effects from EMFs and noise/vibration on aquatic receptors (e.g. fish).	Construction	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]** ~~Chapter 21: Electromagnetic Fields **[EN010170/APP/GH6.2.21]**~~	~~Outline Ecological Protection~~Concept Design Parameters and ~~Mitigation Strategy **[EN010170/APP~~~~5~~~~17_C]**~~ Principles **[EX6/GH7.5~~17_C]**
EN010170 – EB~~—18~~-16	~~Sett exclusion and mitigation under licence to be implemented if new badger setts create conflict with infrastructure and maintenance activities during operational phase.~~ ~~-~~Should new setts be excavated in areas where they come into conflict with ongoing management activities, then these setts would likely be excluded under a mitigation licence from Natural England. The mitigation licence would secure any compensation measures (such as the creation of artificial	Operation	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]** Outline Ecological Protection and Mitigation Strategy **[EX6/GH7.5_D]**

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	setts) required, which would be implemented prior to the exclusion of the sett/s.			Mitigation License (if required) as noted in the Consents and Agreements Position Statement **[REP5-077]**
EN010170 – EB~~-19~~-17	A BNG assessment has been completed based on a detailed baseline assessment and detailed proposals. The Scheme will commit to a minimum ~~10% across the Scheme (as detailed in the BNG Assessment [EN010170/APP/GH6.3.9.13]).~~ of 47% biodiversity net gain in habitat units, a minimum of 10% biodiversity net gain in hedgerow units and a minimum of 10% biodiversity net gain in river units for the authorised development during the operation of the authorised development, and the metric that has been used to calculate that those percentages will be reached (as detailed in the BNG Assessment [REP1-043]).	Operation	Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]**	Biodiversity Net Gain Assessment **[~~EN010170/APP/GH6.3.9.13~~REP1-043]** Outline Landscape and Ecological Management Plan **[~~EN010170/APP~~EX6/GH7.4_E]** ~~Outline Ecological Protection and Mitigation Strategy **[EN010170/APP/GH7.5]**~~Draft DCO **[EX6/GH3.1_E]**
EN010170 – EB-18	Details of task-specific Method Statements for potentially ecologically impactful works as identified in this Chapter. For example, monitoring during proposed horizontal directional drilling beneath the River Nene.	Construction	Chapter 9: Ecology and Biodiversity **[EX6/GH6.2.9_B]**	Outline Ecological Protection and Mitigation Strategy **[EX6/GH7.5_D]**
EN010170 – EB-19	Hedgerow losses associated with the construction phase only will be reinstated where not required for the operational phase. Hedgerow losses associated with operational access to be permanent losses.	Construction	Chapter 9: Ecology and Biodiversity **[EX6/GH6.2.9_B]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Outline Ecological Protection and Mitigation Strategy **[EX6/GH7.5_D]** Outline Landscape and Ecological Management Plan **[EX6/GH7.4_E]**
EN010170 – EB-20	No infrastructure works will take place within the 15m ancient woodland buffer (no installation of built infrastructure, including cabling), no site personnel or plant (machinery) shall enter the buffer zones, and no equipment will be stored therein. The only works which may take place within the 15m buffer zone are limited to unavoidable, non-intrusive works, such as upgrades to two existing tracks through the use of a 'no-dig' solution and provision of permissive paths under Work No. 10. Manual works associated with landscaping and biodiversity mitigation and enhancement measures including seeding are also permitted under Work No. 6 and 9. Such works will be undertaken under supervision of the project ACoW and EcoCoW.	Construction	Chapter 9: Ecology and Biodiversity **[EX6/GH6.2.9_B]** **Chapter 19: Arboriculture [APP-056]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Outline Ecological Protection and Mitigation Strategy **[EX6/GH7.5_D]**
EN010170 – EB-21	Where environmental or engineering constraints necessitate works within the 15m to 30m ancient woodland buffers, such works must be agreed in advance with, and undertaken under the supervision of, the Ecological Clerk of Works (EcoCoW) and/or the Arboricultural Clerk of Works (ACoW) as appropriate.	Construction	Chapter 9: Ecology and Biodiversity **[EX6/GH6.2.9_B]**	Outline Ecological Protection and Mitigation Strategy **[EX6/GH7.5_D]**
EN010170 – HYD~~-1~~-01	Critical infrastructure within the Scheme (the conversion units, substations and energy storage compounds) are sequentially located within Flood Zone 1 and therefore in land assessed as having a less than 1 in 1,000 annual probability of river or sea flooding (<0.1%).	Construction Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]**	Concept Design Parameters and Principles **[~~EN010170/APP~~EX6/GH7.17_C]** Approval of detailed design

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			Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Flood Risk Assessment and Drainage Strategy **[REP5-021]**
EN010170 – HYD~~—2~~-02	Non-flood sensitive infrastructure forming the wider Scheme (PV arrays and cabling) will be sequentially located outside the 1 in 100 plus climate change annual probability extent (1% +CC) or where this is not practicable restricted to areas which experience less than 1 metres depth of flooding during the same event.	Construction Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Concept Design Parameters and Principles **[~~EN010170/APP~~EX6/GH7.17_C]** Approval of detailed design Flood Risk Assessment and Drainage Strategy **[REP5-021]**
EN010170 – HYD~~—3~~-03	Flexibility for either tracker or fixed panels has been built into the EIA. Foundations are most likely to be galvanised steel poles driven into the ground. These will either be piles rammed directly into the ground or rammed into a pre-drilled hole, or a pillar attaching to a steel ground screw depending on ground conditions. The galvanised steel poles will be narrow in diameter and will remove negligible area from any floodplains (see baseline conditions assessment and Appendices 10.8 and 10.9).	Construction Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Concept Design Parameters and Principles **[~~EN010170/APP~~EX6/GH7.17_C]** Approval of detailed design Flood Risk Assessment and Drainage Strategy **[REP5-021]**
EN010170 – HYD~~—4~~-04	For both fixed and tracker panels, all sensitive and electrical equipment on the solar panel will be elevated by the legs (including the solar panel face itself) so that it is no less than 0.6 metres above the surrounding peak flood level.	Construction Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Concept Design Parameters and Principles **[~~EN010170/APP~~EX6/GH7.17_C]** Approval of detailed design Flood Risk Assessment and Drainage Strategy **[REP5-021]**
EN010170 – HYD~~—5~~-05	Tracker panel units will be mounted on raised frames (raised a minimum of 0.4 metres when on maximum rotation angle) and will therefore be raised above surrounding ground levels and fitted with a tracking system. During times of flooding, solar panels may be stowed by the tracking system algorithm onto a horizontal plane, to the minimum post height of 2.5 metres above ground level. This ensures that all sensitive and electrical equipment on the solar panel is raised to a minimum of 2.5 metres above ground level in the horizontal position.	Construction Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Concept Design Parameters and Principles **[~~EN010170/APP~~EX6/GH7.17_C]** Approval of detailed design Flood Risk Assessment and Drainage Strategy **[REP5-021]** Outline Operational Environmental Management Plan **[EX6/GH7.2_D]**
EN010170 – HYD~~—6~~-06	A minimum 8 metres buffer has been maintained from all Main Rivers and Ordinary Watercourses in accordance with Environment Agency guidance. This buffer has been increased to 9 metres where required by local policy, including for Ordinary Watercourses within the jurisdiction of North and West Northamptonshire Councils and Milton Keynes City Council. There are no Internal Drainage Board (IDB) watercourses within the site.	Construction Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]**	Concept Design Parameters and Principles **[~~EN010170/APP~~EX6/GH7.17_C]** Approval of detailed design Flood Risk Assessment and Drainage Strategy **[REP5-021]**
~~EN010170 – HYD– 7~~	~~Linear infiltration trenches will be incorporated around isolated infrastructure (e.g. string inverters or cable jointing pillars) within panelled areas to manage surface water at source, mimic the undeveloped state, and prevent lateral surface water migration.~~	~~Operation~~	~~Chapter 10: Hydrology, Flood Risk and Drainage **[EN010170/APP/GH6.2.10]**~~	~~Flood Risk Assessment and Drainage Strategy **[EN010170/APP/GH6.3.10.1]**~~ ~~Approval of detailed design~~

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EN010170 – HYD~~ 8~~-07	Where practical, runoff from equipment and access tracks will be directed to permeable SuDS features such as gravel-filled trenches or French drains, or similar passive drainage features appropriate to local conditions.	Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]**	Flood Risk Assessment and Drainage Strategy **[~~EN010170/APP/GH6.3.10.1~~REP1-053]** Approval of detailed design Flood Risk Assessment and Drainage Strategy **[REP5-021]**
EN010170 – HYD~~ 9~~-08	The construction of the cable route will include several watercourse crossings which are described and mapped within Appendix 10.2 **[~~EN010170/~~APP~~/GH6.3.10.2]~~ -098].** Many of these crossings minimise having any direct impact as they utilise existing crossings where ~~possible~~practicable. Where required, the relevant Land Drainage Consents and Flood Risk Activity Permits will be obtained.	Construction	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]**	Flood Risk Assessment and Drainage Strategy **[~~EN010170/APP/GH6.3.10.1~~REP5-021]**
EN010170 – HYD~~ 10~~-09	Access to the Scheme during construction, operation and decommissioning will be taken from new permeable or existing farm tracks accessed from the local highway network. This limits the potential for increased surface water runoff rates and sedimentation effects during construction / decommissioning.	Construction Operation Decommissioning	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** ~~Chapter 13: Transport and Access~~ **~~[EN010170/APP/GH6.2.13]~~**	~~Outline~~ Flood Risk Assessment and Drainage Strategy **[[REP5-021]** ~~Construction Traffic Management Plan~~ **~~[EN010170/APP/GH7.9]~~** Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – HYD~~ 11~~-10	Existing access tracks, where practicable, will be retained, limiting the requirement to develop new access which can disturb soils and lead to compaction. Where new access tracks are required, they will be designed to avoid crossing drainage ditches, where practicable.	Construction ~~Operation~~ Decommissioning	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 7: Climate Change **[APP-044]**	Flood Risk Assessment and Drainage Strategy **[~~EN010170/APP/GH6.3.10.1~~REP5-021]** Approval of detailed design ~~Outline Construction Traffic Management Plan~~ **~~[EN010170/APP/GH7.9]~~** Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – HYD~~ 12~~-11	The implementation of suitable planting (such as a wildflower or grass mix) so the underlying ground cover is strengthened and is unlikely to generate surface water runoff rates beyond the baseline scenario.	Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]**	Outline Landscape and Ecological Management Plan **[~~EN010170/APP~~EX6/GH7.4~~]~~_E]** Flood Risk Assessment and Drainage Strategy **[REP5-021]**
EN010170 – HYD~~ 13~~-12	~~To manage diffuse pollution from fires - runoff from energy storage area to be contained by local bunding and attenuation within gravel subgrade of lined permeable SuDS features, prior to being passed forward to local land drainage network. Additionally, self-actuating valves from BESS will be~~	Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]**	Flood Risk Assessment and Drainage Strategy **~~[EN010170/APP/GH6.3.10.1~~**Annex E Green Hill C **[REP5-027]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	~~closed in the event of a fire, therefore isolating battery storage areas from wider environment. The water contained by the valves will be tested and either treated and released or tankered off-Site as necessary and in consultation with the relevant consultees at the time.~~ ~~Local fire water provision will be included within the Green Hill BESS Site~~At this stage the Applicant is committing to drainage and pollution prevention principles rather than a fixed construction specification. The detailed surface water drainage scheme will be developed at detailed design stage and is secured through Requirement 11 in the DCO. The detailed surface water drainage design will be prepared in accordance with this strategy and submitted to the relevant Local Planning Authority for approval. For the BESS, runoff will be managed as a discrete drainage catchment via an impermeable and isolatable drainage system, using positive drainage with isolation located at the outfall or an equivalent point of connection. Isolation will be capable of automatic activation during an incident, with manual override provided as a secondary control. The approach is performance based, focused on impermeability where required, isolation capability and controlled management of runoff, including incident response and firewater, with the detailed configuration to be confirmed at detailed design stage. Impermeability may be achieved through specific components and defined flow paths rather than across the whole compound. Where this is the case, the exceedance strategy will ensure flows are preferentially routed within the BESS envelope to impermeable drainage features during extreme events, avoiding flow paths across untreated areas and preventing uncontrolled off-site discharge. Infiltration will not be relied upon for the management of hydrocarbons or dissolved metals. Pollutant risk will be managed through an appropriate combination of impermeable surfacing where required, positive drainage, isolation, and treatment measures where necessary. Under normal operation, the system will manage the design storm event using the agreed climate change allowances. Where the system is isolated, storage and exceedance routing will be configured to retain runoff and, where relevant, firewater within the BESS catchment for a reasonable worst case event. Discharge will only recommence following confirmation that it is appropriate to do so. The detailed arrangements will be agreed at detailed design stage with the LLFA, the EA and other relevant consultees. For substations, a risk led drainage approach will be applied rather than blanket impermeability. Areas presenting contamination risk, such as transformers containing oil, will be bunded and managed in accordance with standard substation practice and EA requirements. The remainder of the substation yard will typically remain permeable, with local drainage provided only where necessary to manage surface water and avoid nuisance ponding.~~. Fire hydrant supplies for boundary cooling purposes will be~~		Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22~~REP1-025]**	Flood Risk Assessment and Drainage Strategy Annex J Green Hill BESS **[REP5-031]** Outline Operational Environmental Management Plan **[EX6/GH7.2_D]** Approval of detailed design Outline Battery Storage Safety Management Plan **[~~EN010170/APP/GH7.7~~REP5-075]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	~~located close to BESS containers where feasible, considering safe access. The design target is 1,900 l/min for at least two hours, and fire and rescue services may request increased provision depending on their operational requirements and ability to supplement on-site supplies.~~ ~~The Emergency Response Plan will be finalised with Northamptonshire Fire and Rescue Service at the detailed design stage and will reflect any updated guidance.~~			
EN010170 – HYD-13	Following any fire event, retained water within the isolated drainage and containment system will be sampled and analysed to determine the presence and concentration of contaminants. No discharge will occur until appropriate testing has been completed. Where contamination is identified, the retained water will be removed from site by tanker and transported to an appropriately permitted facility for treatment and disposal. Where testing confirms that water quality is suitable for release, discharge will take place in a controlled manner and only following consultation and agreement with the relevant statutory authority. Any discharge of retained water to a watercourse, groundwater or surface water sewer will be subject to the relevant regulatory regime in force at the time.	Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[EX6/GH6.2.10_C]**	Flood Risk Assessment and Drainage Strategy Annex E Green Hill C **[REP5-027]** Flood Risk Assessment and Drainage Strategy Annex J Green Hill BESS [**REP5-031**] Outline Operational Environmental Management Plan **[EX6/GH7.2_D]** Approval of detailed design Outline Battery Storage Safety Management Plan **[REP5-075]**
EN010170 – HYD-14	Local fire water provision will be included within the Green Hill BESS and Green Hill C BESS Sites. Fire hydrant supplies for boundary cooling purposes will be located close to BESS containers where feasible, considering safe access. The design target is 1,900 l/min for at least two hours, and fire and rescue services may request increased provision depending on their operational requirements and ability to supplement on-site supplies. Each BESS area will contain a minimum of two firefighting water storage units of no less than 230,000 litres in capacity, capable of delivering 1900 litres per minute for 4 hours. The Emergency Response Plan will be finalised with Northamptonshire Fire and Rescue Service at the detailed design stage and will reflect any updated guidance.	Operation	Chapter 10: Hydrology, Flood Risk and Drainage **[EX6/GH6.2.10_C]** Chapter 22: Ground Conditions and Contamination **[REP1-025]**	Flood Risk Assessment and Drainage Strategy Annex E Green Hill C **[REP5-027]** Flood Risk Assessment and Drainage Strategy Annex J Green Hill BESS [**REP5-031**] Approval of detailed design Concept Design Parameters and Principles **[EX6/GH7.17_C]** Outline Battery Storage Safety Management Plan **[REP5-075]**
EN010170 – HYD~~-~~ ~~14~~-15	To manage mud and debris blockages - temporary drainage network where deemed necessary (i.e. in areas where structures such as BESS or substations are proposed), to be installed prior to commencement of construction, alongside a robust maintenance plan.	Construction Decommissioning	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – HYD~~-~~ ~~15~~-16	To manage temporary increase in impermeable area, a temporary drainage system will be provided where required, supported by phased installation of permanent drainage as construction progresses. The design will seek to	Construction Decommissioning	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	minimise hardstanding and use permeable surfacing wherever possible, in line with construction-phase best practice.		Chapter 23: Major Accidents and Disasters **[APP-060]**	Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – HYD~~-16~~-17	To manage silt-laden runoff, the following measures: • Works that are likely to generate silt-laden runoff (e.g. earthworks and excavations) will be done preferentially during the drier months of the year; • During the construction / decommissioning phases, ideally buffers of 10m (where ~~possible~~practicable) should be preserved adjacent to all receptors to ensure that there is a sufficient buffer from the sensitive receptor to the construction stages of development; • Site compounds and stockpiles will be located as far as possible (ideally at least 30 m) away from receptors; • A drainage system will be developed to prevent silt-laden runoff from entering surface water drains, watercourses and ponds without treatment (e.g. earth bunds, silt fences, straw bales, or proprietary treatment) under any circumstances; • Earth stockpiles will be seeded as soon as possible, covered with geotextile mats or surrounded by a bund; • Mud will be controlled at entry and exits to the Site using wheel washes and / or road sweepers; • Tools and plant will be washed out and cleaned in designated areas within Site compound where runoff can be isolated for treatment before discharge to watercourse under appropriate consent; • Debris and other material will be prevented from entering receptors; and • Construction / decommissioning SuDS (such as temporary attenuation) to be used during construction / decommissioning if necessary.	Construction Decommissioning	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10~~]~~ _C]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~]** ~~Flood Risk Assessment and Drainage Strategy [EN010170/APP/GH6.3.10.1_C]~~
EN010170 – HYD~~-17~~-18	To manage spillages and leaks of pollutants, the following measures: • Fuel will be stored and used in accordance with the Control of Substances Hazardous to Health Regulations 2002, and the Control of Pollution (Oil Storage) (England) Regulations 2001; • Fuel and other potentially polluting chemicals are to be stored in a secure impermeable and bunded area; • ~~Refueling~~Refuelling of plant to take place off the Site if possible, or only in a designated area at the Site compound ideally at least 20 m from receptors; • Any plant / machinery / vehicles will be regularly inspected and maintained to ensure they are in good working order and clean for use in	Construction Decommissioning	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]** Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22~~REP1-025]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	a sensitive environment. This maintenance is to take place off the Site if possible or only at designated areas in the Site compound; • All service cabling should be designed and installed to be flood resilient / water compatible. This should be achieved in accordance with appropriate design standards and best practise guidance; • All refuelling, oiling and greasing will take place above drip-trays or on an impermeable surface which provides protection to underground strata and watercourses, and away from drains as far as reasonably practicable. Vehicles will not be left unattended during refuelling; • As far as reasonably practicable, only biodegradable hydraulic oils will be used in equipment working in or over watercourses; • All fixed plant used on the Site to be self-bunded; • Mobile plant to be in good working order, kept clean and fitted with drip trays where appropriate; • An Emergency Response Plan will be prepared and included in the OCEMP. Spill kits and oil absorbent material to be carried by mobile plant and located at vulnerable locations on the Site. Construction workers will receive spill response training; • The Sites are to be kept secure to prevent vandalism that could lead to a pollution incident; • Construction / decommissioning waste / debris are to be prevented from entering any water body; • All washing down of vehicles and equipment will take place in designated areas and wash water will be prevented from passing untreated into watercourses; • Surface water drains on roads, other watercourse crossings or the core scheme compound area will be identified and where there is a risk that silt laden runoff could enter them, they will be protected (e.g., covers or sandbags); • Suitable facilities for concrete wash water (e.g. geotextile wrapped sealed skip, container or earth bunded area) will be adequately contained, prevented from entering any drain, and removed from the Sites for appropriate disposal at a suitably licenced waste facility; • Where HDD is used, a breakout contingency procedure will be included in the OCEMP to manage accidental releases of drilling fluid, including immediate containment and clean-up measures; and • Concrete wash water will be adequately contained and removed from the Site.			

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EN010170 – HYD~~-18~~-19	To manage blockages of drainage networks, a third-party management and maintenance team should be established to maintain the features throughout the lifetime of the Scheme	Construction Operation Decommissioning	Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10~~]~~ _C]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170-HYD-20	Where trenchless crossing techniques such as HDD are used, appropriate environmental controls will be implemented to manage the risk of drilling fluid escape. This includes procedures to detect and respond to potential breakouts. These measures will be secured through the final Construction Environmental Management Plan, based on the commitments set out in the Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**	Construction	Chapter 10: Hydrology, Flood Risk and Drainage **[EX6/GH6.2.10_C]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN010170-HYD-21	A 10 metre construction buffer adjacent to water environment receptors (such as watercourses, ponds and other surface water features) has been implemented and will be maintained throughout construction to manage flood risk and drainage. This buffer applies to watercourses, ponds and other surface water features and is intended to control sediment-laden runoff, reduce pollution risk and protect surface water during construction activities. The measure relates specifically to the protection of the water environment and does not function as a generic buffer for all sensitive receptors. Other receptors are addressed separately through the relevant technical assessments and associated management measures within their respective chapters.	Construction	Chapter 10: Hydrology, Flood Risk and Drainage **[EX6/GH6.2.10_C]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN010170-HYD-22	A Water Management Plan (which will form part of a detailed CEMP) will include details of pre, during and post-construction water quality monitoring.	Construction	Chapter 7: Climate Change **[APP-044]** Chapter 10: Hydrology, Flood Risk and Drainage **[EX6/GH6.2.10_C]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Flood Risk Assessment and Drainage Strategy **[REP5-021]**
EN010170-HYD-23	The Outline Construction Environment Management Plan (OCEMP) **[EX6/GH7.1_C]** accompanying the DCO application, describes water management measures to control surface water run-off and drain hardstanding and other structures during the construction, operation and decommissioning of the Scheme. This will form part of a Pollution Prevention Plan (PPP) to be implemented for the Scheme	Construction	Chapter 7: Climate Change **[APP-044]** Chapter 10: Hydrology, Flood Risk and Drainage **[EX6/GH6.2.10_C]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Flood Risk Assessment and Drainage Strategy **[REP5-021]**
EN010170-HYD-24	A pre-commencement survey will be undertaken prior to works for crossing HV_SP8665_002 as identified in the Crossing Schedule [EX6/GH7.18_B] to assist with identification of the Wilby Flood Storage Area and mitigate any potential impacts. The Applicant will consult with the Environment Agency in regard to this crossing area.	Construction	Chapter 10: Hydrology, Flood Risk and Drainage **[EX6/GH6.2.10_C]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**

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EN010170 – MIN~~—~~-01	Decommissioning and removal of plant and structures to restore the baseline condition for the identified mineral resources. (Infrastructure is only left in the ground such as cable ducts after decommissioning where these do not present any significant constraint to future mineral extraction).	Decommissioning	Chapter 11: Minerals **[~~EN010170/~~APP~~/GH6.2.11~~]** **-048]**	Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – MIN~~—~~-02	The Cable Route Corridor should be designed so that wherever possible cable routes follow existing infrastructure corridors or alternatively follow the edge of significant landscape features rather than directly crossing open fields avoiding the creation of further obstruction to the future exploitation of the mineral resource within identified Safeguarded Mineral Resources.	Construction	Chapter 11: Minerals **[~~EN010170/~~APP~~/GH6.2.11~~]** **-048]**	~~Concept Design Parameters and Principles [EN010170/APP/GH7.17]~~ Works ~~Plans [EN010170/APP~~Plan **[EX6/GH2.4_G]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN010170 – MIN~~—~~-03	The layout of the Scheme incorporates the existing vehicular access between the mineral extraction allocation identified in the NM&WLP Policy 4 Site M2: Strixton - Bozeat and the A509. This access will be maintained for the life of the Scheme.	Construction Operation Decommissioning	Chapter 11: Minerals **[~~EN010170/~~APP~~/GH6.2.11~~]** **-048]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[EX6/GH7.2_D]** Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9~~]~~_C]** Outline Decommissioning Statement **[EX6/GH7.3_C]** ~~Outline Operational Traffic Management Plan [EN010170/APP/GH7.25]~~
EN010170 – MIN~~—~~-04	Adequate buffers and standoffs are incorporated into the Scheme's design to avoid any conflict between the development of the Scheme and the winning and working of mineral within the NM&WLP Policy 4 Site M2 allocation.	Construction	Chapter 11: Minerals **[~~EN010170/~~APP~~/GH6.2.11~~]** **-048]**	Outline ~~Landscape and Ecological~~Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.~~4~~]_1_C]** Approval of detailed design.
EN010170 – MIN~~—~~-05	Where the Cable Corridor crosses areas of permitted mineral extraction to the south of Earls Barton, and to the extent practicable: (a) flexibility ~~to~~ allow cables to be installed in areas already subject to mineral extraction or routed to avoid remaining permitted mineral reserves or b) the timetable for the installation of the cable should be designed to facilitate prior extraction of any mineral reserve.	Construction	Chapter 11: Minerals **[~~EN010170/~~APP~~/GH6.2.11~~]** **-048]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
~~EN010170 – MIN—06~~	~~If the Cable Corridor crosses areas of permitted mineral extraction, to the south of Earls Barton there will be flexibility for cables to be installed using techniques which do not interfere with the efficient extraction of remaining mineral reserves.~~	~~Construction~~	~~Chapter 11: Minerals [EN010170/APP/GH6.2.11]~~	~~Outline Construction Environmental Management Plan [EN010170/APP/GH7.1]~~
EN010170 – CH~~—~~-01	Proposed solar panels have been avoided being located in fields within the Scheme as a result of archaeological or heritage sensitivities, comprising Fields AF1, AF5, AF11, AF12, CF1 to CF4, EF9, EF16, EF18, EF19, EF20,	Construction	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.12~~-049]**	Works Plan **[EX6/GH2.4_G]** Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~_C]**

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	EF25, EF26, EF29, EF30, EF34, FF7 to FF9, FF13, FF14, FF16~~,~~ ~~FF22FF27~~, FF22, FF27 and FF28. Proposed solar panels have been partially avoided from Fields, EF13, EF28, EF33, ~~,~~FF11, FF18, and in response to identified heritage and archaeological sensitivities.			Archaeological Mitigation Strategy **[~~EN010170/APP/GH6.3.12.6~~CR2-006]**
EN010170 – CH~~—~~-02	Offsets of a minimum 15m have been applied to public rights of ways (PRoWs) and existing hedgerows across the Scheme. Offsets in Fields AF2, AF20 and AF22, BF2, BF3, DF1 to DF3, EF4, EF5, EF10 to EF15, EF17, EF22, EF25 to EF27, EF33, FF1 to FF3, FF10, FF11, FF13, FF15, FF19, FF26, FF29, FF30, GF9 and GF13 provide embedded mitigation to the setting for identified heritage-based sensitivities. Where required, the offset is larger than the minimum landscape buffer as set out in Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/APP/GH6.2.8]~~** **[~~EN010170/APP/GH6.2.8]~~** **APP-045].** This includes offsets in Fields AF2, AF20, A2F1, BF2, BF3, DF3, EF5, EF10 to EF15, EF17, EF27 and EF28, FF15, FF17, FF19 and GF13.	Construction	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.12~~-049]**	Works ~~Plans~~ **~~[EN010170/APP~~**Plan **[EX6/GH2.4~~]~~ G]** Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~** ~~Archaeological Mitigation Strategy~~ **~~[EN010170/APP/GH6.3.12.6]~~ C]**
EN010170 – CH~~—~~-03	Where appropriate, the installation of a non-intrusive mitigation methodology (such as concrete feet) for the panels will serve to preserve archaeological remains in situ. The use of a non-intrusive mitigation methodology will be confirmed following the identification of the final scheme design, and any areas identified as no longer being suitable for a non-intrusive mitigation methodology be subject to strip, map and sample prior to development or identified as areas of 'no solar development'.	Construction Operation	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.12~~-049]**	Concept Design Parameters and Principles **[~~EN010170/APP~~EX6/GH7.17 C]** Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~** **C]** Archaeological Mitigation Strategy [~~EN010170/APP/GH6.3.12.6~~CR2-006]
EN010170 – CH~~—~~-04	Archaeological mitigation at the Sites either by record (i.e. targeted strip, map and sample (SMS) excavation and archaeological monitoring scalable to SMS excavation) or preservation in situ (i.e. no development areas and a non-intrusive construction methodology).	Construction	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.12~~-049]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~** **C]** Archaeological Mitigation Strategy [~~EN010170/APP/GH6.3.12.6~~CR2-006]
EN010170 – CH~~—~~-05	The final design of the cable route should look to avoid direct impacts to heritage and archaeological assets. Where impact to archaeological assets is unavoidable, archaeological mitigation on the cable route either by record (i.e. targeted strip, map and sample (SMS) excavation and archaeological monitoring scalable to SMS excavation) or preservation in situ (i.e. use of trenchless cabling technique, such as horizontal directional drilling (HDD)). Where the use of trenchless cabling techniques (such as HDD) are utilised, these will be undertaken to a suitable depth to avoid impacts to buried archaeological remains.	Construction	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.12~~-049]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1 C]**

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EN010170 – CH~~–~~-06	~~Construction transport management plan with inclusion of banksman, toolbox talks, and protective barriers as needed (to manage road safety around access points).~~ Construction traffic routes ~~that~~will avoid pinch points adjacent to or in proximity to heritage assets~~.~~ where practicable. Avoidance of potential busy routes where traffic vibration could impact on heritage assets. ~~Condition survey before and after construction phase to safeguard designated assets where a potential for vibration impact could occur as a result of construction traffic.~~	Construction	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.12~~-049]** ~~Chapter 13: Transport and Access **[EN010170/APP/GH6.2.13]**~~	~~Outline Construction Traffic Management Plan **[EN010170/APP/GH7.9]**~~ Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – CH-07	Condition surveys will be undertaken before and after the construction phase at the Grade II Listed Grade II Listed Station Lodge (NHLE 1294156) and Grade II Listed Low Farmhouse (NHLE 1371681) to monitor any potential impacts caused by HGV construction traffic. Vehicle idling and hard breaking should be avoided at these locations. Condition surveys will be undertaken before and after the construction phase in line with national guidance (i.e. Historic England and CIfA guidance).	Construction	Chapter 12: Cultural Heritage **[APP-049]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN010170 – CH~~–07~~-08	Where feasible any hedgerow removal required as part of the construction phase, i.e. as part of the cable route corridor, will be kept to a minimum and be reinstated.	Construction	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.12~~]** **-049]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – CH~~–08~~-09	Specific embedded mitigation measures during the operation phase should be maintained in line with the Outline Operational Environmental Management Plan (OOEMP) **[~~EN010170/APP/GH7.1/~~REP1-133]**. These measures should be kept under review for the Scheme's duration and updated as required to ensure the safeguarding of heritage assets. Landscape mitigation proposals (e.g., planting of shelter belts and scattered trees, planting of new hedgerows, existing hedgerow reinforcement) which should reach maturity by Year 15.	Operation	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.12~~-049]** Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]**	Outline Operational Environmental Management Plan ~~[~~EN010170/APP**[EX6/GH7.2~~]~~ **_D]** Outline Landscape and Ecological Management Plan **[~~EN010170/APP~~EX6/GH7.4_E]**
EN010170 – CH-10	Temporary fencing will be erected around Scheduled Monuments during decommissioning to ensure no works are undertaken within a buffer zone of the Scheduled area. Banksmen must be aware of scheduled area buffer zones and will be responsible for ensuring no vehicle/plant movement occurs in these areas. Following decommissioning and removal of plant and structures the baseline condition for the identified heritage assets will be restored.	Decommissioning	Chapter 12: Cultural Heritage **[APP-049]**	Outline Decommissioning Statement **[EX6/GH7.3_C]** Archaeological Mitigation Strategy **[CR2-006]**
EN010170 – CH~~–09~~-11	~~Embedded mitigation at the decommissioning phase should be undertaken in line with the Outline Decommissioning Statement **[EN010170/APP/GH7.3]**.~~ ~~The landscape mitigation proposals (e.g. planting of shelter belts and scattered trees, planting of new hedgerows, existing hedgerow reinforcement) will be in effect at decommissioning phase. Where these~~	Decommissioning	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.12~~]** **-049]**	Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]** Archaeological Mitigation Strategy **[~~EN010170/APP/GH6.3.12.6]~~CR2-006]**

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	~~mitigation proposals enhance the landscape character, they should be retained following decommissioning of the Scheme.~~ ~~Temporary fencing will be erected around 'no development' areas containing archaeological assets during decommissioning. Banksmen must be aware of areas with archaeological assets and will be responsible for ensuring no vehicle/plant movement occurs in these areas.~~ In line with the Archaeological Mitigation Strategy in Appendix 12.6, a Decommissioning Environmental Management Plan will be agreed with the Archaeological Advisor to the relevant Local Planning Authority prior to decommissioning, which will be sufficient to safeguard any archaeological remains during the decommissioning phase.			
EN010170 – CH~~—10~~-12	Trial trenching will be undertaken within areas~~-14~~ of the Scheme that were not investigated during the initial archaeological evaluation trenching. If archaeological features are encountered during trial trenching, subsequent mitigation may be required either in the form of preservation in situ or preservation by record (i.e., Strip, Map and Sample or Archaeological Monitoring). The AMS will be updated following the completion of the programme of archaeological evaluation which will inform decisions on the need for any further archaeological mitigation in areas of the Scheme not trenched during the pre-application evaluation works. Should this be required, the scope of any additional archaeological mitigation will be detailed in approved Project Design(s) in line with the mitigation methodology detailed in Section 6, and these will be attached as addendum to this overarching AMS.	Construction	Chapter 12: Cultural Heritage **[~~EN010170/~~APP~~/GH6.2.~~-049]** and ES Techncial Addendum Chapter 12~~]~~ Cultural Heritage **[CR2-022]**	Archaeological Mitigation Strategy **[~~EN010170/APP/GH6.3.12.6~~CR2-006]** Archaeological Written Scheme of Investigation **[REP5-096]**
EN010170 – CH-13	The Protection of Military Remains Act 1986 The Applicant was granted the licence on the 10th February 2026. The licence was applied for on a precautionary approach. In the event remains are found, the Applicant must treat them in accordance with the terms of the licence	Construction	Chapter 12: Cultural Heritage **[APP-049]**	**Draft Development Consent Order [EX6/GH3.1_E]**
EN10170 – TA-01	Use of defined construction routes by HGVs.	Construction	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]**
EN10170 – TA-02	Road Condition Surveys will be carried out on minor roads proposed for construction access prior to commencement of construction. The extent of the surveys will be agreed with the local highway authority in advance.	Construction	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**

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EN10170 – TA-03	The use of temporary traffic management to construct, and where required, manage construction accesses will be considered on a site-by-site basis and agreed with the highway authorities.	Construction	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN10170 – TA-04	Signs informing contractors and visitors that parking is not permitted on-street in the vicinity of the Site or on the site access road will be erected.	Construction Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN10170 – TA-05	Construction vehicles will avoid travel during the morning and evening network peak hours, where ~~possible~~practicable. Therefore, deliveries will be arranged to occur after 09:30 and before 16:30.	Construction	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN10170 – TA-06	Construction or replacement activities will be carried out Monday to Friday 07:00-18:00 and between 08:00 and 13:30 on Saturdays, which constitute the core working hours	Construction Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]**
EN10170 – TA-07	All deliveries will be required to use a booking system.	Construction Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN10170 – TA-08	When vehicles are ready to depart, the Site Manager will be notified. If required, they will then mobilise the banksmen at the relevant site access.	Construction Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN10170 – TA-09	Wheel wash facilities will be provided ahead of vehicles exiting the Sites to minimise mud or debris spill on the local highway network.	Construction Operation	Chapter 13: Transport and Access **[REP2-003]**	Outline Construction Traffic Management Plan **[EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**

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EN10170 – TA-~~09~~10	Temporary road signage will be installed along the construction traffic routes to inform all road users of the construction works and to direct construction traffic to and from the various construction accesses.	Construction Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN10170 – TA-~~10~~11	Residents and businesses in the vicinity of the Sites will be provided with contact details of the Site Manager to report any identified issue.	Construction Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN10170 – TA-~~11~~12	Any unforeseen issues that arise in relation to construction or operational vehicle movement will be logged by the Site Manager. If necessary, the issues will be discussed with the local highway authority so that they can be resolved as appropriate.	Construction Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]**
EN10170 – TA-~~12~~13	A Construction Worker Travel Plan (CWTP) will be drafted and implemented, to encourage construction workers to travel to the Site via sustainable travel, where ~~possible~~practicable.	Construction	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]** Chapter 7: Climate Change **[~~EN010170/~~APP~~/GH6.2.7~~-044]** Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]**	Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]**
EN10170 – TA-~~13~~14	It will be the responsibility of the ~~developer~~Applicant to ensure that the appointed contractor complies with all statutory regulations and guidelines in relation to construction and movement activities. Public rights of ways (PRoWs) will need to be managed and a range of proposed measures have been identified as follows: • Wider access tracks will be considered to ensure vehicles can pass all PRoW users safely; • Appropriate signage will be installed along the PRoW to make PRoW users aware of the construction activity. This will include information on construction times and contact details for the Site Manager; • Signage on bridleways near to established equestrian facilities and livery businesses should be sited sensitively. Where practicable, prior notice will be given to nearby equestrian facility operators and livery businesses owners; • The provision of banksmen to hold vehicles if a PRoW user is present and advise PRoW users of the presence of construction vehicles;	Construction Operation Decommissioning	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Public Rights of Way and Permissive Paths Management Plan **[~~EN010170/APP~~EX6/GH7.10_C]** Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[EX6/GH7.2_D]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	• Vehicle speeds across and on the approach to the PRoW to be limited to 5 to 10mph; • Drivers will stop at all PRoW crossings; and • The PRoW will be kept clear of construction vehicles and apparatus outside of permitted construction hours so far as is practicable. There may be some instances where the PRoW needs to be closed to users for a short period. This will not occur at all PRoWs. All temporary closures of PRoWs will be avoided as far as possible. Where there is a requirement to temporarily close the PRoW, works will be undertaken over-night so far as is practicable to do so, where PRoW user numbers will be low. The PRoW will remain open, and managed, during the daytime period wherever possible. Prior to commencement, the extent and duration of the closure will be reviewed depending on, construction programming and sequencing, the final design of the scheme and the time of year. Where a temporary stopping up/diversion of a PRoW is required, prior notices to the PRoW officers at the local highway authority will be provided. In instances that there is damage to the surface of any PRoW caused by maintenance vehicles, it will be repaired as soon as practical and returned to its existing condition.			
EN10170 – TA-~~13~~15	Controlling areas where the internal maintenance route crosses any existing PRoW, the permissive paths or local access roads (such as by providing gates), permitting only operational traffic to utilise these internal routes within the Order limits. Operational traffic should give-way to other users (pedestrians and road users) when utilising the crossing points. Reduced speed limits and signage, will ensure safe movement around the Sites	Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Operational Traffic Management Plan **[~~EN010170/APP/GH7.25]~~** **REP1-157]**
EN10170 – TA-~~13~~16	All new access tracks will be secured by gates, which will be set back from the public highway. Where existing access tracks are used that also provide access to residential properties, appropriate security measures will be put in place in consultation with the relevant property owner(s).	Construction Operation Decommissioning	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline ~~Operational Traffic~~Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.~~25]~~ 1_C]** Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9_C]** Outline Operational Traffic Management Plan **[REP1-157]**
EN10170 – TA-~~13~~17	The permissive path will be managed through: • Displaying clear signage at the entrance to permissive path. Details of the signage for the path (which should include making clear the path is a permissive path, with usage permitted by the landowner) will be agreed with the Host Authorities.	Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Public Rights of Way and Permissive Paths Management Plan **[~~EN010170/APP~~EX6/GH7.10_C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	• Regular maintenance, including annual closure for maintenance with appropriate signage/warnings. • The surfacing material (suggested grass) and width of the permissive path will be agreed in advance of operation with the Host Authorities.			
EN10170 – TA-~~13~~18	A Replacement Activities Worker Travel Plan (RAWTP) will be drafted and implemented prior to major replacement periods, to encourage workers to travel to the Site via sustainable travel, where ~~possible.~~ practicable.	Operation	Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Operational Traffic Management Plan **[~~EN010170/APP/GH7.25]~~** **REP1-157]**
EN10170 – TA-19	A Decommissioning Traffic Management Plan will be prepared to manage traffic associated with decommissioning and will include measures to minimise the impact of construction traffic on surrounding roads, including disruption and risk of traffic accidents along local access roads and along Public Rights of Way (PRoW). Measures will include: • Restricting movement of Heavy Goods Vehicles (HGVs) to certain routes and time windows within the day. • Use of temporary traffic management to construct, and where required, manage accesses. • A monitoring system and Delivery Management System to record the route of HGVs to and from the Order Limits and regulate their arrival times to ensure compliance. • Encouraging alternative travel arrangements for site personnel, including car sharing and shuttle bus services in order to reduce the volume of vehicle trips required.	Decommissioning	Chapter 13: Transport and Access **[REP2-003]**	Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN10170 – TA-20	Engagement with Anglian Water Services and other utilities services where necessary, will be undertaken on a regular basis to ensure their access to their existing and new assets is available throughout the construction period. This is to ensure their statutory obligations to their customers are met.	Construction Decommissioning	Chapter 13: Transport and Access **[REP2-003]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN10170 – TA-21	The Applicant will engage with National Highways where any works are proposed within close proximity or adjacent to the Strategic Road Network (SRN). Such works may include temporary fencing, temporary drainage, and construction activities that could generate dust. The Applicant will consult with National Highways if there are any changes or amendments to the CEMP that apply to or affect areas in the vicinity of the Strategic Road Network.	Construction	Chapter 13: Transport and Access **[REP2-003]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN010170 – NV~~-~~-01	Best working practice would be implemented during each phase of the earthworks and construction works at the Sites. The following measures would be put in place to minimise noise emissions: • Ensuring that all appropriate processes, procedures and measures are in place to minimise noise before works begin and throughout the construction programme;	Construction Decommissioning	Chapter 14: Noise and Vibration **[~~EN010170/~~APP~~/GH6.2.14~~-051]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	• All contractors to be made familiar with current legislation and the guidance in BS 5228 which should form a prerequisite of their appointment; • When works are taking place within close proximity (e.g. <20m) to the sensitive receptors identified, the screening of noise sources via the erection of temporary screens would be employed; • All machinery would be regularly maintained to control noise emissions, with particular emphasis on lubrication of bearings and the integrity of silencers; • Site staff would be made aware that they are working adjacent to a sensitive area and avoid all unnecessary noise due to misuse of tools and equipment, unnecessary shouting and radios; • As far as possible, the avoidance of two noisy operations occurring simultaneously in close proximity to the same sensitive receptor; • Adherence to any time limits imposed on noisy works by the local authority; • Adhere to set working hours during the week and at weekends where practicable; • Ensure engines are turned off when possible; • Should earthworks and construction activities need to be carried out during night-time hours, the OCEMP requires advance notice and details of any night working to provided; and • Notices and/or communication with nearby residents to inform them of the works and anticipated construction periods, as occupants of nearby sensitive receptors are likely to be more tolerable of the construction if they are provided with timings and duration of high noise generating events. • In line with BS5228-2 alternative methods, removal of obstructions, provision of cut-off trenches, reduction of energy input per blow, reduction of resistance to penetration may be implemented to reduce vibration.			
EN010170 – NV~~-~~-02	As requirements and locations for cable construction activities will not be finalised until contractor is appointed. A hierarchy of mitigation measures is listed below for any potential night time operations for HDD: • Where practicable, avoid cable construction works within 500m of residential receptors; • Advance notice and details of any night working to provided by the contractor with sensitive receptors;	Construction	Chapter 14: Noise and Vibration **[~~EN010170/~~APP~~/GH6.2.~~-051]** and ES Addendum Chapter 14 Noise and Vibration **[REP1-168]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	• Where cable construction activities need occur within 500m of sensitive receptors, the option for open-cut cable laying will be explored as an alternative to horizontal directional drilling (HDD); • The potential use of quieter equipment will be explored by the principal contractor; • Depending on location, plant and timing of works, noise matting will be installed on Heras fencing around the cable construction site boundary to screen receptors from noise emissions. This mitigation could provide 10 dB of attenuation when the noise screen completely hides the sources from the receiver; and • If any night time cable construction activities result in noise at nearby sensitive receptors that is predicted to exceed the night-time level of ~~45~~65 dB LAeq,T, acoustic fencing would be used to screen the affected receptor from cable construction HDD noise and reduce noise levels to below ~~45~~65 dB. • Where a receptor is identified as experiencing an impact magnitude of Medium or High, additional mitigation measures to reduce the noise levels at the receptor include use of quieter machinery, micro-siting HDD activities as far from receptors as practicable (and at least 80m away from residential receptors) and using acoustic barriers. The precise mitigation to be implemented will be explored by the contractor based on the detailed design of the Scheme. • A bespoke communications strategy will be used in the event that the implementation of practical mitigation measures is not able to reduce the impact of nighttime HDD noise to levels that are not significant. • The contractor may also submit an application for prior consent to carry out noisy works under Section 61 of the Control of Pollution Act 1974, in order to demonstrate to the local authority that noise levels have been reduced as far as reasonably practicable.			
EN010170 – NV~~–~~-03	Green Hill BESS site layout includes a 1.5m high bund with a 2.4m high acoustic barrier on top.	Operation	Chapter 14: Noise and Vibration **[~~EN010170/~~APP~~/GH6.2.14~~-051]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]**
EN010170 – NV~~–~~-04	Where ~~possible~~practicable, noise-emitting equipment has been placed away from sensitive receptors	Operation	Chapter 14: Noise and Vibration **[~~EN010170/~~APP~~/GH6.2.14~~-051]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]**
EN010170 – NV~~–~~-05	Where practical, quieter items of plant ~~have been~~will be selected	Operation	Chapter 14: Noise and Vibration **[~~EN010170/~~APP~~/GH6.2.14~~-051]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]**
EN010170 – NV~~–~~-06	Where required, manufacturer-supplied noise mitigation will be installed	Operation	Chapter 14: Noise and Vibration **[~~EN010170/~~APP~~/GH6.2.14~~-051]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – NV~~–~~-07	Where required, noise generating equipment will be enclosed / containerised	Operation	Chapter 14: Noise and Vibration **[~~EN010170/~~APP~~/GH6.2.14~~-051]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]**
EN010170 – NV~~–~~-08	Where practicable, the distance from the nearest residential receptors to the substation and energy storage facility and onsite transformers and inverters ~~has been~~will be maximised	Operation	Chapter 14: Noise and Vibration **[~~EN010170/~~APP~~/GH6.2.14~~-051]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]**
EN010170 – NV~~–~~-09	Where required, louvres and/or acoustic barriers will be included around inverters and BESS cooling fans.	~~Construction~~Operation	Chapter 14: Noise and Vibration **[~~EN010170/~~APP~~/GH6.2.14~~-051]**	Outline Operational~~Construction~~ Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.~~1~~2_D]**
EN010170 – GG~~–~~-01	Existing vegetation along the boundary of the Order limits will be retained and managed where practicable to ensure its continued presence and to act as instant screening in the form of vegetation for ground-based receptors.	Operation	Chapter 15: Glint and Glare **[~~EN010170/~~APP~~/GH6.2.15~~-052]** Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Landscape and Ecological Management Plan **[~~EN010170/APP~~EX6/GH7.4_E]**
EN010170~~-~~ ~~–~~ AQ-01	~~Sensitive siting of temporary works.~~ ~~-~~The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on air quality, including the sensitive routing and siting of infrastructure.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]**	~~Outline Construction Environmental Management Plan [EN010170/APP/GH7.1] Outline Decommissioning Statement [EN010170/APP/GH7.3]~~ Approved by detailed design
~~EN010170-AQ-02~~	~~Sensitive routeing and siting of infrastructure.~~	~~Operation~~	~~Chapter 16: Air Quality [EN010170/APP/GH6.2.16]~~	~~Works Plans [EN010170/APP/GH2.4]~~
EN010170~~-~~ ~~–~~ AQ-~~03~~02	Communications • Develop and implement a stakeholder communications plan that includes community engagement before work commences on site. • Display the name and contact details of person(s) accountable for air quality and dust issues on the site boundaries. This may be the environmental manager, construction project manager or the site manager. • Display the head or regional office contact information.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~ C]** Construction Dust Methodology and Assessment **[APP-166]**
EN010170~~-~~ ~~–~~ AQ-~~04~~03	Dust Management Develop and implement a Dust Management Plan (DMP), which may include measures to control other emissions, approved by the Local Authority.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~ C]** Construction Dust Methodology and Assessment **[APP-166]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170-~~-~~AQ-~~05~~04	Site Management • Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken. • Make the complaints log available to the local authority when asked. • Record any exceptional incidents that cause dust and/or air emissions, either on- or off-site, and the action taken to resolve the situation in the log book. • Hold regular liaison meetings with other high risk construction sites within 500 m of the site boundary, to ensure plans are co-ordinated and dust and particulate matter emissions are minimised. It is important to understand the interactions of the off-site transport/deliveries which might be using the same strategic road network routes.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~ C]** Construction Dust Methodology and Assessment **[APP-166]**
EN010170-~~-~~AQ-~~06~~05	Preparing and maintaining the site • Plan site layout so that machinery and dust causing activities are located away from receptors, as far as is possible. • Erect solid screens or barriers around dusty activities or the site boundary so that they are at least as high as any stockpiles on site. • Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period. • Avoid site runoff of water or mud. • Keep site fencing, barriers and scaffolding clean using wet methods. • Remove materials that have a potential to produce dust from site as soon as possible, unless being re-used on site. If they are being re-used on-site, cover as described below. • Cover, seed or fence stockpiles to prevent wind whipping.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~ C]** Construction Dust Methodology and Assessment **[APP-166]**
EN010170-~~-~~AQ-~~07~~06	Operating vehicle/machinery and sustainable travel • Ensure all off-road vehicles comply with the requirements of the NRMM standards, where applicable. Use stage 4 NRMM as a minimum and stage 5 where ~~possible~~practicable. • Ensure all vehicles/machinery are switched off when stationary/not in use. • Avoid the use of diesel or petrol powered generators and use mains electricity or battery powered equipment where practicable. • Impose and signpost a maximum-speed-limit of 15mph on surfaced and 10mph on unsurfaced haul roads and work areas (if long haul routes are required, these speeds may be increased with suitable additional control	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]** Chapter 13: Transport and Access **[~~EN010170/APP/GH6.2.13~~REP2-003]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3 C]** Outline Construction Traffic Management Plan **[~~EN010170/APP~~EX6/GH7.9 C]** Construction Dust Methodology and Assessment **[APP-166]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	measures provided, subject to the approval of the nominated undertaker and with the agreement of the Local Authority, where appropriate). • Produce a Construction Logistics Plan to manage the sustainable delivery of goods and materials. • Implement a Travel Plan that supports and encourages sustainable travel (public transport, cycling, walking, and car-sharing).			
EN010170-~~-~~_AQ-~~03~~07	Operations • Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g. suitable local exhaust ventilation systems. • Ensure an adequate water supply on the sites for effective dust/particulate matter suppression/mitigation, using non-potable water where ~~possible and~~practicableand appropriate. • Use enclosed chutes and conveyors and covered skips. • Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate. • Ensure equipment is readily available on site to clean any dry spillages, and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~_C]** Construction Dust Methodology and Assessment **[APP-166]**
EN010170-~~-~~_AQ-~~03~~08	Waste Management • No bonfires or burning of waste materials.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]** ~~Chapter 24: Other Environmental Matters [EN010170/APP/GH6.2.24]~~	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~_C]** Construction Dust Methodology and Assessment **[APP-166]**
EN010170-~~-~~_AQ-~~03~~09	Earthworks • Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable. • Use hessian, mulches or trackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable. • Only remove the cover in small areas during work and not all at once.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16]~~** **-053]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~_C]** Construction Dust Methodology and Assessment **[APP-166]**
EN010170-~~-~~_AQ-~~03~~10	Construction • Avoid scabbling (roughening of concrete surfaces) if possible.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16]~~**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	• Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place. • Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery. • For smaller supplies of fine powder materials ensure bags are sealed after use and stored appropriately to prevent dust.		**-053]**	Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~ C]** Construction Dust Methodology and Assessment **[APP-166]**
EN010170-~~-~~ AQ-~~03~~11	Trackout • Use water-assisted dust sweeper(s) on the access and local roads, to remove, as necessary, any material tracked out of the site. This may require the sweeper being continuously in use. • Avoid dry sweeping of large areas. • Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport. • Inspect on-site haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable. • Record all inspections of haul routes and any subsequent action in a site log book. • Install hard surfaced haul routes, which are regularly damped down with fixed or mobile sprinkler systems, or mobile water bowsers and regularly cleaned. • Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the site where reasonably practicable). • Ensure there is an adequate area of hard surfaced road between the wheel wash facility and the site exit, wherever site size and layout permits. • Access gates to be located at least 10m from receptors where ~~possible~~practicable.	Construction ~~,~~Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]** Chapter 13: Transport and Access **[REP2-003]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~ C]** Outline Construction Traffic Management Plan **[EX6/GH7.9 C]** Outline Operational Traffic Management Plan **[REP1-157]** Construction Dust Methodology and Assessment **[APP-166]**
EN010170-~~-~~ AQ-~~04~~12	Vehicles will be correctly maintained and operated in accordance with manufacturer's recommendations and in a responsible manner. All plant and vehicles will be required to switch off their engines when not in use and when it is safe to do so. In addition, plant and vehicles will conform to relevant applicable standards for the vehicle type as follows: • Euro 4 (NOx) for petrol cars, vans and minibuses; • Euro 6 (NOx and PM) for diesel cars, vans and minibuses; and	Construction Decommissioning	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~ C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	• Euro VI (NOx and PM) for lorries, buses, coaches and Heavy Goods Vehicles (excluding specialist abnormal indivisible loads).			
EN010170-~~-~~ AQ-~~05~~13	Measures included in the Battery Fire Safety Management Plan include measures to limit human exposure to air pollution in the event of a fire such as: • Notification of potentially affected residents including advice on the health effects of smoke and ways to reduce exposure (e.g. close windows and stay indoors); • Notification of potentially affected members of the public to move to a cleaner air location; • Cancellation of outdoor events and potentially moving affected residents to a cleaner air location; and • Should there be a BESS fire in close proximity to the road, the site operator is to determine wind direction and fire service to close the road if deemed necessary.	Operation	Chapter 16: Air Quality **[~~EN010170/~~APP~~/GH6.2.16~~-053]** Chapter 23: Major Accidents and Disasters **[~~EN010170/~~APP~~/GH6.2.23~~-060]**	Outline Battery Storage Safety Management Plan **[~~EN010170/APP~~REP5-075]** Outline Operational Environmental Management Plan **[EX6/GH7.~~7~~2_D]**
EN010170 – SE-01	Works during the construction phase ~~are~~will be phased and staggered, as far as practicable whilst still meeting the connection date, across the Site and Cable Corridor to reduce likely significant effects on environmental receptors, to reduce the peak number of construction workers requiring access to local amenities, and to reduce the peak intensity of onsite works~~...~~.	Construction Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation **[~~EN010170/~~APP~~/GH6.2.17~~-054]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ _C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~ _C]**
EN010170 – SE-02	An Outline Skills, Supply Chain and Employment Plan **[~~EN010170/~~APP~~/GH7.8~~-552]** has been submitted with the Application. This plan sets out the likely economic benefits of the Scheme, and the context and characteristics of the local community and economy in which it is located. It identifies potential opportunities for activities relating to Skills, Supply Chain and Employment which the Applicant could take forward post-planning, together with a framework for future delivery.~~The potential to locate temporary workers in either private rental accommodation or in temporary serviced accommodation to moderate the level of demand for temporary accommodation will be considered to mitigate impacts on accommodation demand for both residents, and visitors and tourists, especially during periods of peak visitor demand.~~	Construction Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation **[~~EN010170/~~APP~~/GH6.2.17~~-054]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ _C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3~~]~~ _C]** Outline Skills, Supply Chain and Employment Plan **[~~EN010170/~~APP~~/GH7.8~~-552]**
EN010170 – SE-03	The potential to locate temporary workers in either private rental accommodation or in temporary serviced accommodation to moderate the level of demand for temporary accommodation will be considered to mitigate impacts on accommodation demand for both residents, and visitors and tourists, especially during periods of peak visitor demand.	Construction Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation **[APP-054]**	Outline Construction Environmental Management Plan **[EX6/GH7.1_C]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – SE-~~03~~04	Support for construction workers to find suitable private rental accommodation, or hotels or other serviced accommodation, in locations where impact upon existing residents and visitors can be minimised.	Construction	Chapter 17: Socio-Economics Tourism and Recreation **[~~EN010170/~~APP~~/GH6.2.17~~-054]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
		Operation (peak replacement) Decommissioning		_C] Outline Operational Environmental Management Plan [~~EN010170/APP~~EX6/GH7.2~~]~~ _D] Outline Decommissioning Statement [~~EN010170/APP~~EX6/GH7.3_C]
EN010170 – SE-~~04~~05	The Scheme design is embedded with offsets and planting buffers from roads, PRoWs, neighbouring buildings, and other tourism destinations to minimise the visual impact of the Scheme on these receptors and their users.	Construction Operation Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation [~~EN010170/~~APP~~/GH6.2.17~~-054]	Works ~~Plans~~ [~~EN010170/APP~~Plan [EX6/GH2.4~~]~~ _G] Outline Landscape and Ecological Management Plan [~~EN010170/APP~~EX6/GH7.4~~]~~ _E] Concept Design Parameters and Principes [EX6/GH7.17_C]
EN010170 – SE-~~05~~06	Measures to mitigate visual impacts from onsite construction, replacement, and decommissioning operations, lighting, and the location of construction/replacement/decommissioning equipment and onsite works compounds and laydown areas, to reduce visual impacts on tourism and recreation facilities.	Construction Operation (peak replacement) Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation [~~EN010170/~~APP~~/GH6.2.17~~-054] Chapter 8: Landscape and Visual Impact Assessment [~~EN010170/~~APP~~/GH6.2.8~~] -045]	Outline Construction Environmental Management Plan [~~EN010170/APP~~EX6/GH7.1~~]~~ _C] Outline Operational Environmental Management Plan [~~EN010170/APP~~EX6/GH7.2~~]~~ _D] Outline Decommissioning Statement [~~EN010170/APP~~EX6/GH7.3_C]
EN010170 – SE-~~06~~07	The routing of PRoWs is retained by the Scheme design to ensure the use and connectivity of PRoWs is maintained throughout the operational lifetime of the Scheme.	Construction Operation Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation [~~EN010170/~~APP~~/GH6.2.17~~] -054]	Approval of detailed design Outline Public Rights of Way and Permissive Paths Management Plan [~~EN010170/APP~~EX6/GH7.10_C]
EN010170 – SE-~~07~~08	The potential for cable infrastructure to be left in situ or extracted through joint bays will depend on the least environmentally damaging approach at the time, the decommissioning will help to mitigate socio-economic impacts on agricultural users of the land along the as-built Cable Corridor.	Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation [~~EN010170/~~APP~~/GH6.2.17~~-054]	Outline Decommissioning Statement [~~EN010170/APP~~EX6/GH7.3_C]
EN010170 – SE-~~07~~09	Staggering the programme of works to ensure HGV movements to and from the Sites are dispersed within the works programme; providing additional signage to enforce preferred HGV and traffic routes; provide warning signs at points where PRoWs and recreational routes cross HGV traffic routes onsite; and provide banksmen to control sensitive points on HGV routes, such as shared site entrances or where PRoWs are also being used as HGV access points.	Construction Operation (peak replacement) Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation [~~EN010170/~~APP~~/GH6.2.17~~] ~~Chapter 13: Transport and Access [EN010170/APP/GH6.2.13~~-054]	Outline Construction Traffic Management Plan [~~EN010170/APP~~EX6/GH7.9~~]~~ _C] Outline Public Rights of Way and Permissive Paths Management Plan [~~EN010170/APP~~EX6/GH7.10_C]

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – SE-~~08~~10	Enhancement to local education through promoting of apprenticeship and training schemes will have a positive impact on education and skills attainment in fields such as construction, engineering, and energy technology throughout the construction of the Scheme.	Construction Operation Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation **[~~EN010170/~~APP~~/GH6.2.17~~ -054]**	Outline Skills, Supply Chain and Employment Plan [~~EN010170/~~APP~~/GH7.8~~-552]
EN010170 – SE-~~9~~11	Focus on local recruitment and procurement and supporting agricultural workers in moving to diversified agricultural practices.	Construction Operation Decommissioning	Chapter 17: Socio-Economics Tourism and Recreation **[~~EN010170/~~APP~~/GH6.2.17~~ -054]**	Outline Skills, Supply Chain and Employment Plan [~~EN010170/~~APP~~/GH7.8~~-552]
EN010170 – SE-~~10~~12	Enhancement to existing PRoWs on the Scheme Sites, through repairing, upgrading and replacing existing PRoW furniture, such as signs, gates, and re-establishing hedgerows gaps. Provision for a set of new non-vehicular permissive paths.	Operation	Chapter 17: Socio-Economics Tourism and Recreation **[~~EN010170/~~APP~~/GH6.2.17~~ -054]**	Works ~~Plans~~ **~~[EN010170/APP~~**Plan **[EX6/GH2.4~~]~~ G]** Outline Public Rights of Way and Permissive Paths Management Plan **[~~EN010170/APP~~EX6/GH7.10_C]**
EN010170 – SE-~~11~~13	Permissive access through Field FF19 for the use of the International Waendal Walk Weekend event will be available during construction~~, and~~ wherever safe and practicable to do so.The Site will be made secure during the event. If it is considered by the Applicant that access for the International Waendal Walk Weekend event cannot be safety provided, the Site operators and construction contractors will discuss with Wellingborough Town Council (as the event's organisers) whether alternative arrangements can be made so that the event can continue to be undertaken on an alternative route within the Order Limits.	Construction Decommissioning	~~Chapter~~Appendix 17~~: Socio-Economics~~.1: Tourism and Recreation **~~[EN010170/APP/GH6.2.17]~~** Receptor Tables [**REP1-079**]	Outline Public Rights of Way and Permissive Paths Management Plan **[~~EN010170/APP~~EX6/GH7.10_C]** Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – HH~~–~~-01	Works are to be phased and staggered, as far as practicable whilst still meeting the connection date, across the Site and Cable Corridor to reduce likely significant effects on environmental receptors, to reduce the peak number of construction workers requiring access to local amenities, and to reduce the peak intensity of onsite works. During Operation, replacement works are to be phased and staggered, as far as practicable whilst still meeting any dates specified by planned repairs to the National Grid infrastructure.	Construction Operation (peak replacement) Decommissioning	Chapter 18: Human Health **[~~EN010170/~~APP~~/GH6.2.18~~-055]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – HH~~–~~-02	The Scheme design is embedded with offsets and planting buffers from roads, PRoWs, recreation facilities, and neighbouring buildings and land uses to minimise the visual impact of the Scheme on the desirability of these receptors for leisure and play, and local perceptions of community identity.	Construction~~,~~ Operation Decommissioning	Chapter 18: Human Health **[~~EN010170/~~APP~~/GH6.2.18~~-055]**	Works ~~Plans~~ **~~[EN010170/APP~~**Plan **[EX6/GH2.4~~]~~ G]** Outline ~~Landscape and Ecological~~Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.4~~]~~1_C]** Concept Design Parameters and Principes **[EX6/GH7.17_C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – HH~~–~~-03	Provision of a dedicated Community Liaison Officer, to whom any comments, concerns or complaints about the development of the Scheme can be raised, either directly by members of the public, or via elected representatives on parish or town councils, councillors, and Members of Parliament. During operation, a dedicated community contact within the operational team should take on these responsibilities.	Construction Operation (peak replacement) Decommissioning	Chapter 18: Human Health **[~~EN010170/~~APP~~/GH6.2.18~~-055]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[EX6/GH7.2_D]**
EN010170 – HH~~–~~-04	Support for inbound temporary workers to find GP surgeries near to their temporary accommodation that are capable of taking on new patients during the working periods.	Construction Operation (peak replacement) Decommissioning	Chapter 18: Human Health **[~~EN010170/~~APP~~/GH6.2.18~~-055]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – HH~~–~~-05	Targeted works restrictions should be placed around Oakfield, Easton Maudit to minimise working hours within 100 m of the property boundary, avoiding storage of materials within this 100 m buffer. Maintain lines of communication between the operators of the Scheme and the care home to ensure any concerns can be addressed.	Construction Operation (peak replacement) Decommissioning	Chapter 18: Human Health **[~~EN010170/~~APP~~/GH6.2.18~~-055]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ _C]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2~~]~~ _D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – HH~~–~~-06	Implement landscape works within 50 m of the property (Oakfield, Easton Maudit) boundary as early as possible in the construction programme.	Construction~~Operation~~	Chapter 18: Human Health **[~~EN010170/~~APP~~/GH6.2.18~~-055]**	Outline ~~Operational~~Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.~~2~~1_C]**
EN010170 – HH~~–~~-07	Enhancement to existing PRoWs on the Sites, through repairing, upgrading and replacing existing PRoW furniture, such as signs, gates, and re-establishing hedgerows gaps. Provision for a set of new non-vehicular permissive routes.	Operation	Chapter 18: Human Health **[~~EN010170/~~APP~~/GH6.2.18~~-055]**	Public Rights of Way and Permissive Paths Management Plan **[~~EN010170/APP~~EX6/GH7.10~~]~~_C]** Works Plan **[EX6/GH2.4_G]**
EN010170 – HH~~–~~-08	Pre-decommissioning identification of residential care homes and institutions that may be of specific vulnerability to impacts from decommissioning activities, with targeted mitigation measures as required agreed between the Scheme operator, facilities operators, and host local authority.	Decommissioning	Chapter 18: Human Health **[~~EN010170/~~APP~~/GH6.2.18~~-055]**	Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – ARB~~–~~-01	The layout of the Scheme has been informed by the following criteria:	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Approval of detailed design

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	• All development on the Sites is sited outside of veteran tree buffer zones and buffer zones for ancient woodland; • Existing habitat connectivity between ancient woodlands and other woodlands is preserved and enhanced wherever possible. Opportunities for creating new habitat connectivity between woodlands, such as new woodland planting between existing woodlands or establishment of linked hedgerows, are maximised wherever possible; • Development within the Sites has avoided the root protection areas (RPAs) and canopy spreads of existing trees and woodlands wherever possible. Where RPA and canopy spread incursions are unavoidable, incursions target low quality Category U trees followed by Category C, B and A trees in that order in an effort to avoid effects to high quality trees; and • Tree removal has been avoided wherever possible. Where tree removal is unavoidable, tree removal targets low quality Category U trees followed by Category C, B and A trees in that order in an effort to avoid the removal of high quality trees.			
EN010170 – ARB~~-~~-02	The Cable Route Corridor has been widened up to 120m adjacent to identified veteran trees to provide sufficient space to allow for open cut trenching around Veteran Tree Buffer Zones ensuring impacts to veteran trees are avoided.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Works ~~Plans~~ **~~[EN010170/APP~~**Plan **[EX6/GH2.4~~]~~ G]**
EN010170 – ARB~~-~~-03	Micro-siting will be used to avoid the removal or occurrence of root or canopy impacts to veteran trees and Category A trees within the Cable Route Corridor. If micro-siting cannot be achieved around such arboricultural features, trenchless techniques such as Horizontal Directional Drilling (HDD) will be used to avoid impacts to veteran and Category A trees.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1 C]**
EN010170 – ARB~~-~~-04	An arboricultural clerk of works (ACoW) will provide supervision during construction within the Sites and Cable Corridor to ensure tree protection measures are being correctly implemented, such as Tree Protection Barriers, ground protection and stem protectors as appropriate, are used and correctly installed to safeguard retained trees during construction.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1 C]**
EN010170 – ARB~~-~~-05	~~Temporary construction compounds will be located outside of the RPAs and canopy spreads of retained trees.~~Tree removal along the Cable Route Corridor will preferentially target trees of lower quality over those of higher quality. Veteran trees and Category A trees will not be removed in the Cable Route Corridor.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1 C]**
EN010170 – ARB~~-~~-06	Specialist working methods will be prescribed for works within the RPAs of retained trees. The ACoW will supervise these works to ensure root impacts are minimised.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1 C]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – ARB~~-~~-07	Temporary Construction Compounds will be sited away from arboricultural features and outside of RPAs and canopy spreads.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – ARB~~-~~-08	All tree pruning works will be undertaken by a professionally qualified and insured arborist working in accordance with British Standard 3998:2010 'Tree Work – Recommendations' and specified by the ACoW.	Construction Operation Decommissioning	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Arboricultural Impact Assessment and Outline Arboricultural Method Statement **[EX6/GH6.3.19.2_A]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – ARB~~-~~-09	Replacement tree planting will be used to compensate for trees removed for development.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – ARB~~-~~-10	No new landscaping will be sited within Veteran Tree Buffer Zones so avoid soil disturbance during construction and future overshadowing of veteran trees during operation	Construction Operation	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline ~~Landscape and Ecological~~Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.~~4~~2_D]**
EN010170 – ARB~~-~~-11	New tree and woodland planting will not occur close to proposed accesses, visibility splays, parking areas and internal roads to avoid and minimise the need for tree pruning during the operational phase, including when replacement of the solar panels occur.	Operation	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Approval of detailed design Outline ~~Landscape and Ecological~~Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.~~4~~2_D]**
EN010170 – ARB~~-~~-12	New tree and woodland planting will not be undertaken in areas where future tree growth may cause shading of solar panels which would result in tree pruning or removal being required during operation.	Operation	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Approval of detailed design Outline Landscape and Ecological Management Plan **[~~EN010170/APP~~EX6/GH7.4_E]**
EN010170 – ARB~~-~~-13	Perimeter fencing (wooden post fencing with deer wire mesh to a height of 2.5m) will be installed and remain in situ during operation of the Sites. This will protect trees on the field boundaries of the Sites from operational impacts such as replacement activities.	Operation	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2~~]~~_D]**
EN010170 – ARB~~-~~-14	New tree and woodland planting is not proposed within the open cut sections of Cable Route Corridor, ensuring that future tree removal will not be required to remedy possible tree root interference with the cables.	Operation	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]** ~~Outline Landscape and Ecological Management Plan [EN010170/APP/GH7.4]~~

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – ARB~~-~~-15	Replacement activities will be facilitated through use of Access Tracks installed during the construction of the Scheme, ensuring no additional root or canopy impacts to retained trees during replacement activities.	Operation	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2~~]~~ _D]**
EN010170 – ARB~~-17~~-16	The following measures are to be included in the Outline Arboricultural Method Statement: • Tree protection barriers and ground protection where necessary during construction to safeguard retained trees; • Micrositing security fencing post holes to avoid tree roots and lining post holes within RPAs with an impermeable membrane prior to pouring any concrete; • Micrositing open cut trenching for cabling to avoid high and medium sensitivity/value arboricultural features; • Specialist construction methods are incorporated into the design (such as 'no-dig' or 'limited-dig' hard surfacing for internal roads) where incursions into the RPAs of retained trees occur. Horizontal Directional Drilling can also be used to avoid impacting tree roots when installing the cables; and • Hand digging under ACoW supervision where excavation is required within RPAs.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Arboricultural Impact Assessment and Outline Arboricultural Method Statement **[~~EN010170/APP~~EX6/GH6.3.19.2_A]**
EN010170 – ARB~~-18~~-17	Dust management measures for open cut trenching near ancient woodlands.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – ARB~~-19~~-18	Permanent Access Points and visibility splays for the Sites will be the same as those used for construction, ensuring no additional tree removal or pruning during operation or decommissioning of the Sites.	Operation Decommissioning	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Operational Environmental Management Plan **[EX6/GH7.2_D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – ARB~~-20~~-19	Prior to decommissioning of the Scheme, a tree survey must be undertaken in accordance with BS 5837:2012 (or most recent updated standard and industry guidelines) of the Study Area. An Arboricultural Impact Assessment must be produced alongside an Arboricultural Method Statement to guide the decommissioning works and ensure potential tree impacts are identified, mitigated and compensated for where appropriate.	Decommissioning	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – ARB~~-21~~-20	Construction traffic will not use access tracks within the Veteran Tree/Ancient Woodland Buffer Zones in order to avoid the pruning of veteran trees/trees within ancient woodland to achieve clearance heights for tall vehicles or machinery. Instead, construction traffic will be routed outside of Veteran Tree/Ancient Woodland Buffer Zones.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Operational Environmental Management Plan **[EX6/GH7.2_D]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – ARB~~—~~ ~~22~~-21	Any access tracks (for use during operation/decommissioning) situated within Veteran Tree/Ancient Woodland Buffer Zones will be constructed using a 'no-dig' solution and all excavation within Veteran Tree/Ancient Woodland Buffer Zones will be avoided	Construction Decommissioning	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – ARB~~—~~ ~~23~~-22	A detailed Arboricultural Method Statement, based on post-DCO detailed design, will be produced prior to construction commencing.	Construction	Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – ARB-23	Following completion of construction activities, a follow-up arboricultural assessment will be undertaken 12 months post-completion to evaluate any potential signs of tree decline or dysfunction associated with construction impacts, including root damage or soil compaction. Depending on the findings of the assessment, an ongoing survey regime may be required, with the frequency and scope informed by the findings and the occupancy level of the target area. The findings will be recorded, and any required follow-up management will be agreed and set out within an Arboricultural Method Statement.	Operation	Chapter 19: Arboriculture **[APP-056]**	Outline Operational Environmental Management Plan **[EX6/GH7.2_D]**
EN010170 – ARB-24	During site operation and maintenance, passive arboricultural observations shall be undertaken as part of routine activities to identify any visible tree risk features, such as significant decline, structural defects (e.g. cracks), or instability. Any such observations will be reported to an arboriculturist for further assessment and, where required, agreement and implementation of appropriate management actions.	Operation	Chapter 19: Arboriculture **[APP-056]**	Outline Operational Environmental Management Plan **[EX6/GH7.2_D]**
EN010170 – ALC ~~—~~ 01	A record of condition will be carried out (photographic and descriptive) of the working areas that may be affected by the construction activities. This record will be available for comparison following reinstatement after the works have been completed to ensure that the standard of reinstatement at least meets that recorded in the pre-condition survey.	Construction	Chapter 20: Agricultural Circumstances **[~~EN010170/~~APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1]** ~~Outline Soil Management Plan~~ **[~~EN010170/APP/GH7.6~~_C]**
EN010170 – ALC~~—~~ -02	~~Land used temporarily will be reinstated where practicable to its pre-construction condition and use (or a condition agreed with the landowner). Hedgerows, fences, and walls (including associated earthworks and boundary features) will be reinstated to a similar style and quality to those that were removed, with landowner agreement.~~Prior to any reinstatement, the quantity and characteristics of available soils should be assessed, and the soil profiles being reinstated will be designed to ensure the soils to be restored to their previous conditions and land to be restored to their previous ALC grades.	Construction Decommissioning	Chapter 20: Agricultural Circumstances **[~~EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Soil Management Plan **[~~EN010170/APP~~EX6/GH7.6_A]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – ALC~~—~~ ~~04~~-03	The full volume of topsoil is to be reinstated across the Sites (i.e. no materials will be taken off-site). In regard to the Cable Route Corridor, any surplus material from the cable void that would require removal from Site would comprise subsoil only, retaining the full topsoil resource on Site, although there may be occasions where the landowner is seeking to restore land to a particular habitat that requires less topsoil resource. These matters and the process for agreement	Construction Decommissioning	Chapter 20: Agricultural Circumstances **[~~EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Soil Management Plan **[~~EN010170/APP~~EX6/GH7.6_A]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	with landowners would be set out in the detailed SMP.~~Earthwork mounds and stockpiled soil will be protected (to minimise erosion and dust generation) by covering, seeding, or using water suppression where appropriate (to be determined by the soil types and the likely storage duration.~~			Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – ALC~~—05~~-04	Earthwork mounds and stockpiled soil will be protected (to minimise erosion and dust generation) by covering, seeding, or using water suppression where appropriate (to be determined by the soil types and the likely storage duration.~~Where necessary, pads will be installed in areas where heavy equipment, such as cranes, are to be used. The pads will provide stable working areas and will reduce disturbance to the ground by spreading loads and reducing soil compaction.~~	Construction Decommissioning	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Soil Management Plan **[~~EN010170/APP~~EX6/GH7.6_A]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
EN010170 – ALC~~—06~~-05	Soil management measures will include but not be limited to the following: • Details of the soil resources present; • How the topsoil and subsoil will be stripped and stockpiled; • Suitable conditions for when soil handling will be undertaken, for example avoiding handling of waterlogged soil; • Indicative soil storage locations; • How soil stockpiles will be designed taking into consideration site conditions and the nature/composition of the soil; • Specific measures for managing sensitive soils; • Suitable protective surfacing where soil stripping can be avoided, based on sensitivity of the environment and proposed works; • Approach to reinstating soil, including measures to remove compaction, where required; and • Details of measures required for soil restoration.	Construction Decommissioning	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Soil Management Plan **[~~EN010170/APP~~EX6/GH7.6_A]** Outline Decommissioning Statement **[EX6/GH7.3_C]**
~~EN010170 – ALC – 07~~	~~Where practicable and safe to do so, existing access to and from residential, commercial, community and agricultural land uses will be maintained throughout the construction phase or as agreed through landowner discussions. This may require signed diversions or temporary restrictions to access. The means of access to affected properties, facilities and land parcels will be communicated to affected parties at the start of construction of the Scheme and at the start of the relevant sections, with any changes communicated in advance of the change being implemented. Where field-to-field access points require alteration because of construction, alternative field access will be provided in consultation with the landowner/occupier.~~	~~Construction~~	~~Chapter 20: Agricultural Circumstances~~ **~~[EN010170/APP/GH6.2.20]~~**	~~Outline Construction Environmental Management Plan~~ **~~[EN010170/APP/GH7.1]~~**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN010170 – ALC~~-~~ ~~08~~-06	Existing water supplies for livestock will be identified before construction commences. Where supplies will be lost or access compromised by construction works, temporary alternative supplies will be provided where necessary. Water supplies will be reinstated following construction.	Construction	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – ALC~~-~~ ~~09~~-07	Consultation with affected landowners will be carried out to investigate the current extent of land drainage. If necessary, pre-construction land drainage will be explored with the intent of maintaining the efficiency of the existing land drainage system and to assist in maintaining the integrity of the working areas during construction. The Scheme may include a system of 'cut-off' drains which feed into a new header drain and the Scheme will also consider surface water runoff measures.	Construction	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – ALC~~-~~ ~~10~~-08	Should animal bones be discovered during construction, which may indicate a potential burial site, works will cease, and advice will be sought from the Animal Health Regional Office on how to proceed, relevant to the origin and age of the materials found.	Construction	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – ALC~~-~~ ~~11~~-09	All movement of plant and vehicles between fields will cease in the event of a notification of a disease outbreak in the vicinity of the Scheme that requires the cessation of activities. Advice will be sought from the relevant authorities to develop suitable working methods required to reduce the biosecurity risk associated with the continuation of works.	Construction	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** ~~Outline Soil Management Plan [EN010170/APP/GH7.6]~~
EN010170 – ALC~~-~~ ~~12~~-10	Where deemed necessary, clay bungs or other vertical barriers will be constructed within trench excavations by a suitably experienced person, to prevent the creation of preferential drainage pathways.	Construction	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** ~~Outline Soil Management Plan [EN010170/APP/GH7.6]~~
EN010170 – ALC~~-~~ ~~12~~-11	Cables will be laid to a depth of at least 1.2m within farmland, unless ground conditions render this impracticable, to ensure no interference with agricultural use. Temporary land take of agricultural land for the ~~grid connection~~cable route corridor would be restored to enable continued agricultural use after construction;	Construction	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – ALC~~-~~-12	Appropriate timing of cable route work will be agreed with agricultural occupants of the land to avoid unnecessary disruption to crop/stock management.	Construction	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** ~~Outline Soil Management Plan [EN010170/APP/GH7.6]~~
EN010170 – ALC~~-~~-13	Maintenance work on solar arrays and equipment in relation to soil and land disturbance will be carried out in accordance with the Soil Management Plan, which is further developed based on the Outline Soil Management Plan.	Operation	Chapter 20: Agricultural Circumstances **~~[EN010170/~~ [APP~~/GH6.2.20~~-057]**	Outline Soil Management Plan **[~~EN010170/APP~~EX6/GH7.6_A]**
EN010170 – ALC~~-~~-14	The Soil Management Plan produced at the pre-construction stage will be further updated prior to decommissioning to account for any changes to the	Decommissioning	Chapter 20: Agricultural Circumstances	Outline Soil Management Plan **[~~EN010170/APP~~EX6/GH7.6_A]**

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
	construction approach, phasing and good practice at that time. The Soil Management Plan will cover soil handling, reconditioning and soil/land restoration during decommissioning and soil aftercare post decommissioning.		~~[EN010170/~~ [APP~~/GH6.2.20~~-057]	Outline Decommissioning Statement [EX6/GH7.3_C]
EN010170 – ALC~~—~~-15	To avoid causing soil compaction during the decommissioning phase. To reduce ground pressure, tracked plant and machinery should be equipped with low ground pressure tyres.	Decommissioning	Chapter 20: Agricultural Circumstances ~~[EN010170/~~ [APP~~/GH6.2.20~~-057]	~~Outline Soil Management Plan [EN010170/APP/GH7.6]~~ Outline Decommissioning Statement [~~EN010170/APP~~EX6/GH7.3_C]
EN10170 – EMF~~—~~-01	All proposed cables and associated electrical infrastructure will be 'UKCA' and/or 'CE' marked.	Construction	Chapter 21: Electromagnetic Fields [~~EN010170/~~APP~~/GH6.2.21~~-058]	Outline Construction Environmental Management Plan [~~EN010170/APP~~EX6/GH7.1~~]~~ _C]
EN10170 – EMF~~—~~-02	Electrical fields from the underground power cables will be shielded by the surrounding cable duct and the conducting soil.	Construction	Chapter 21: Electromagnetic Fields [~~EN010170/~~APP~~/GH6.2.21~~-058]	Outline Construction Environmental Management Plan [~~EN010170/APP~~EX6/GH7.1~~]~~ _C]
EN10170 – EMF~~—~~-03	Electrical equipment and infrastructure proposed as part of the scheme will be maintained in accordance with manufacturer guidelines.	Construction	Chapter 21: Electromagnetic Fields [~~EN010170/~~APP~~/GH6.2.21~~-058]	Outline Construction Environmental Management Plan [~~EN010170/APP~~EX6/GH7.1~~]~~ _C]
EN10170 – EMF~~—~~-04	A minimum setback distance of 5m should be implemented between receptors and live electrical cables during construction activities (if necessary). Underground cables should be buried before they are made live.	Construction	Chapter 21: Electromagnetic Fields [~~EN010170/~~APP~~/GH6.2.21~~-058]	Outline Construction Environmental Management Plan [~~EN010170/APP~~EX6/GH7.1~~]~~ _C]
~~EN10170 – EMF—05~~	~~Where practicable the minimum depth of underground cabling (33kV to 400kV) should be a minimum depth of 0.9m.~~	~~Construction~~	~~Chapter 21: Electromagnetic Fields [EN010170/APP/GH6.2.21]~~	~~Concept Design Parameters and Principles [EN010170/APP/GH7.17]~~
EN10170 – GCC~~—~~-01	Site workers will be made aware of the possibility of encountering localised contamination through toolbox talks. Good standards of personal hygiene, welfare facilities on-site and the use of appropriate levels of personal protective equipment (PPE), will be enforced. All personnel will be educated about the potential environmental impacts of their activities, ensuring that all workers are fully aware of the risks and the necessary precautions to take to minimise pollution.	Construction Decommissioning	Chapter 22: Ground Conditions and Contamination [~~EN010170/APP/GH6.2.22~~REP1-025]	Outline Construction Environmental Management Plan [~~EN010170/APP~~EX6/GH7.1_C] Outline Decommissioning Statement [~~EN010170/APP~~EX6/GH7.3_C]
EN10170 – GCC~~—~~-02	Workers will adhere to health, safety and environmental precautions to reduce the potential for accidents and incidents.	Construction ~~, Operation,~~ Decommissioning	Chapter 22: Ground Conditions and Contamination [~~EN010170/APP/GH6.2.22~~REP1-025]	Outline Construction Environmental Management Plan [~~EN010170/APP~~EX6/GH7.1_C] ~~Outline Operational Environmental Management Plan [EN010170/APP/GH7.2]~~ Outline Decommissioning Statement [~~EN010170/APP~~EX6/GH7.3_C]

ID	Commitment	Project Phase (Construction, Operational and Decommissioning)	Relevant Environmental Topic(s)	Commitment Securing Mechanism
EN10170 – GCC—-03	A Battery Storage Safety Management Plan (BSMP) will be implemented throughout the scheme to ensure the safe design, production, use, transportation, storage, and disposal of batteries. This approach will minimise risks associated with batteries while ensuring compliance with relevant standards.	Construction ,–Operation ,–Decommissioning	Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22REP1-025]	Outline Construction Environmental Management Plan [EN010170/APPEX6/GH7.1_C] Outline Operational Environmental Management Plan [EN010170/APPEX6/GH7.2_D] Outline Decommissioning Statement [EN010170/APPEX6/GH7.3_C] Outline Battery Storage Safety Management Plan [EN010170/APP/GH7.7]REP5-075]
EN10170 – GCC—-04	A trenchless cabling technique such as Horizontal directional drilling (HDD) will be used to avoid and reduce adverse effects for the construction and placement of the cable route beneath the River Nene.	Construction	Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22REP1-025]	Outline Construction Environmental Management Plan [EN010170/APPEX6/GH7.1_C]
EN10170 – GCC—-05	A spill response plan will be implemented during the HDD process to manage drilling fluids and fuels, with closed-loop drilling systems in place to minimise the risk of fluid escape.	Construction	Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22REP1-025]	Outline Construction Environmental Management Plan [EN010170/APPEX6/GH7.1_C]
EN10170 – GCC—-06	A ‘Discovery Strategy’ protocol shall be implemented with specific focus on encountering suspected landfill materials within the vicinity of Sywell Range (Cable Route Corridor), Barton Plant Ltd (Cable Route Corridor) and Earls Barton Quarry (Green Hill BESS). This will include but not be limited to stopping works in the area and ensuring the identified materials / residual contamination does not pose a risk until an environmental specialist undertakes an assessment and a method is agreed to deal with the identified contamination. If required, the Local Planning Authority will be notified.	Construction Operation Decommissioning	Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22REP1-025]	Outline Construction Environmental Management Plan [EN010170/APPEX6/GH7.1_C] Outline Operational Environmental Management Plan [EX6/GH7.2_D] Outline Decommissioning Statement [EX6/GH7.3_C]
EN10170 – GCC—-07	Site clearance prior to development within Green Hill G, to remove any identified munitions across the site area. The use of concrete feet within the high-risk zone, to eliminate the need for deep, blind intrusions such as percussive piling or borehole drilling. The establishment of a UXO Risk Management Plan, conducting site-specific UXO awareness briefings, and ensuring the presence of a UXO specialist (‘Watching Brief’ supervision) during any excavations within the high-risk area will also be included.	Construction	Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22REP1-025]	Outline Construction Environmental Management Plan [EN010170/APPEX6/GH7.1_C]
EN10170 – GCC—-08	Alluvium and Made Ground deposits are considered to be too variable and compressible in their existing condition for conventional shallow foundations at the Site. Floor loads to be transferred to ground improved soils or to piles through concrete ground beams/concrete frame or otherwise suspended.	Construction	Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22REP1-025]	Outline Construction Environmental Management Plan [EN010170/APPEX6/GH7.1_C]
EN10170 – GCC—9-09	To mitigate the risk of airborne contamination, a dust suppression and management system will be implemented. This system will control dust emissions during construction and decommissioning activities, preventing them from migrating off-site and impacting neighbouring environments.	Construction Decommissioning	Chapter 22: Ground Conditions and Contamination [EN010170/APP/GH6.2.22REP1-025]	Outline Construction Environmental Management Plan [EN010170/APPEX6/GH7.1_C]

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	Methods include washing down of vehicle's wheels and dampening down materials.		Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9_B]** Chapter 19: Arboriculture **[~~EN010170/~~APP~~/GH6.2.19~~-056]**	Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN10170 – GCC~~—~~-10	Topsoil displaced within the construction and decommissioning of the cable route, should be appropriately stored and reused. Temporary stockpiles and/or excavated topsoil from the cable route is to be stored away from any Flood-Zone 3 areas where practicable. Site compounds and stockpiles will be located as far as possible (ideally at least 30 m) away from receptors.	Construction Decommissioning	Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22]~~** **REP1-025]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN10170 – GCC~~—~~-11	Bulk fuels or chemicals used on-site during the construction and decommissioning phases should be stored appropriately, within an impervious bund of 110% of the volume of the container to reduce the potential for impact to the environment in the event of a container failure/leak of battery chemicals during a fire and/or associated fire suppressant foam and waters. Any spillages will be promptly addressed by appropriate measures, such as spill kits, and a spill response plan will be developed. The contractor will ensure immediate notification of the Environment Agency in the event of any suspected pollution incidents, facilitating response measures.	Construction Operation Decommissioning	Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22~~REP1-025]** Chapter 10: Hydrology, Flood Risk and Drainage **[~~EN010170/APP~~EX6/GH6.2.10_C]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Operational~~Operation~~ Environmental Management Plan **[EX6/GH7.2_D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN10170 – GCC~~—~~-12	All equipment and vehicles will be regularly maintained and inspected to prevent leaks, with refuelling activities occurring on impermeable surfaces. Biodegradable hydraulic oils will be prioritised for use in any identified sensitive areas.	Construction Decommissioning	Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22]~~** **REP1-025]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN10170 – GCC~~—~~-13	To prevent pollution from accidental leaks or spills of construction materials, the contractor will implement robust pollution prevention plans adhering to established guidelines, such as the Guidance for Pollution Prevention. Drainage systems, including Sustainable Drainage Systems (SuDS), will be developed in line with hydrology requirements.	Construction Decommissioning	Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22]~~** ~~Chapter 10: Hydrology, Flood Risk and Drainage **[EN010170/APP/GH6.2.10~~REP1-025]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** ~~Flood Risk Assessment and Drainage Strategy **[EN010170/APP/GH6.3.10.1]**~~ Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN10170 – GCC~~—~~-14	Battery storage units will be housed in fully contained systems, ensuring that release of chemicals or contaminated fire water is captured and prevented from leaching into the environment. Fire suppression systems will prioritise the use of environmentally safer foams or fire waters, with containment measures in place to manage runoff. In the event of a fire, hazardous materials from damaged battery systems will be managed through containment and cleanup protocols. An emergency response plan will be implemented, detailing fire control procedures and environmental protection measures.	Operation	Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22]~~** **REP1-025]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2_D]** Outline Battery Storage Safety Management Plan **[~~EN010170/APP/GH7.7~~REP5-075]** Concept Design Parameters and Principles **[~~EN010170/APP~~EX6/GH7.17_C]**

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	Post-incident environmental monitoring will be conducted to ensure soil and water quality is not compromised.			
EN10170 – GCC~~—~~-15	The underground cables will employ high-quality, durable sheathing and insulation materials to protect the cables from physical damage, moisture, and corrosion, ensuring they can withstand harsh underground conditions. In areas of particular environmental significance or sensitivity, such as beneath the River Nene, bunded containment systems can be utilised as an additional protective measure.	Operation	Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22~~ REP1-025]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2~~]~~ D]**
EN10170 – GCC~~—~~-16	Regular inspections and maintenance of battery storage systems and solar panels will be routinely undertaken to identify any signs of potential leakage, wear, or faults. This ensures early detection and rectification of issues, thereby minimising operational risks. Additionally, solar panels will undergo periodic cleaning using water to prevent environmental contamination.	Operation	Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22~~ REP1-025]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2 D]** Outline Battery Storage Safety Management Plan **[~~EN010170/APP/GH7.7~~REP5-075]**
EN10170 – GCC~~—~~-17	Real-time monitoring systems will be installed to continuously track the performance of the solar panels and battery systems. These systems enable the early identification of any performance issues or faults, helping to prevent more significant problems such as fires or equipment malfunctions, and ensuring efficient, safe operations throughout the facility's lifecycle.	Operation	Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22~~ REP1-025]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2~~]~~ D]**
EN10170 – GCC~~—~~-18	Any radon protection measures installed will need to be in accordance with BRE Report BR211 (2023) Radon: Protective measures for new buildings and as required by Building Regulations. Only a limited portion of the site is impacted by elevated radon levels. Where enclosed spaces are located within areas above the 10-<30% action level, radon protection measures may be deemed necessary. Their implementation will effectively mitigate the potential risks associated with elevated radon.	Construction	Chapter 22: Ground Conditions and Contamination **[~~EN010170/APP/GH6.2.22~~ REP1-025]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~. C].**
EN010170 – OEM-01	Lighting control measures include the consideration of the direction, duration, and orientation of lighting, ensuring inward distribution of light and avoiding light spill onto existing boundary features and that impacts are reduced on sensitive receptors.~~–~~ Standard good practice measures would be employed to minimise light spill.~~-~~	Construction Operation Decommissioning	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]** Chapter 8: Landscape and Visual Impact Assessment **[~~EN010170/~~APP~~/GH6.2.8~~-045]** Chapter 9: Ecology and Biodiversity **[~~EN010170/APP~~EX6/GH6.2.9 B]**	Outline Construction Environmental Management Plan **[EX6/GH7.1 C]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2 D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3 C]**
EN010170 – OEM-02	The Scheme will seek to minimise and design out waste streams where ~~possible~~practicable. Opportunities to re-use material resources will be sought where practicable. Where re-use and prevention are not possible, waste arisings will be managed in line with the waste hierarchy.~~–~~	Construction Operation Decommissioning	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1 C]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2~~]~~ D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3 C]**

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EN010170 – OEM-03	All waste management will comply with relevant industry regulations and legislation. All waste transported off-site will be delivered to appropriately licensed receivers.	Construction Operation Decommissioning	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ _C]** Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2~~]~~ _D]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170-0EM-04	The Applicant will consult with the relevant waste planning officers on the Waste Management Strategy as part of the submission and approval process for the OEMP with the relevant local planning authorities.	Operation	Chapter 24: Other Environmental Matters **[REP1-027]**	Outline Operational Environmental Management Plan **[EX6/GH7.2_D]**
EN010170 – OEM-~~04~~05	Off-site pre-fabrication, where reasonably practical, including the use of pre-fabricated structural elements, cladding units, mechanical and electrical risers, packaged plant rooms, welfare units and site offices.	Construction Decommissioning	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]** Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – OEM-~~05~~06	A Site Waste Management Plan (SWMP) will describe how materials will be managed and stored efficiently and disposed of legally during the construction phase. It will also outline the aims, objectives and on-going management responsibilities, including management and storage practices, to be implemented during the construction phase, and will set targets for the reduction, diversion from landfill and reuse of waste.~~–~~ ~~-~~	Construction	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1~~]~~ _C]**
EN010170 – OEM-~~06~~07	The contractor would prepare and implement a Construction Resource Management Plan (CRMP) will be prepared by the appointed contractor, outlining the strategic approach to planning, coordinating, and managing the labour, materials and equipment.	Construction	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]**	Outline Construction Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.1_C]**
EN010170 – OEM-~~07~~08	A Decommissioning Resource Management Plan (DRMP) setting out how measures to manage the disposal of waste from the Order Limits may be required in accordance with relevant legislative and policy requirements at the time of decommissioning.	Decommissioning	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]**	Outline Decommissioning Statement **[~~EN010170/APP~~EX6/GH7.3_C]**
EN010170 – OEM-~~08~~09	A Waste Management strategy will be developed as part of the OEMP to ensure operational waste is managed suitably, and that waste arisings are sent for handling at facilities within the waste local authorities that have capacity to do so without adversely impacting upon their capacity to handle waste arisings for all other waste streams in the authority area.	Operation	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]**	Outline Operational Environmental Management Plan **[~~EN010170/APP~~EX6/GH7.2~~]~~ _D]**
EN010170 – OEM-~~09~~10	The offsets required to be maintained to identified services as directed by service providers been informed the design.	Construction	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]**	Approval of detailed design

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	During construction, precautionary measures of working will be adopted to include locating cabling outside of known utilities protected zones. Mapping and ground penetrating radar will be used.			Outline Construction Environmental Management Plan **[EX6/GH7.1_C]**
EN010170 – OEM-~~10~~11	Where the proposed Cable Route Corridors cross telecommunication and utilities, the cables will be laid so that the utilities are crossed at 90° where ~~possible~~practicable and will be suitably offset where running parallel.	Construction	Chapter 24: Other Environmental Matters **[~~EN010170/APP/GH6.2.24~~REP1-027]**	Approval of detailed design