

Light Valley Solar

Environmental Statement Volume 3

Appendix 1.3: Commitments Register

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Light Valley Solar

DCO Submission

Appendix 1.3: Commitments Register

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Contents

1	Introduction	1
1.1	Introduction	1
	References	89
	List of tables	
Table 1-1	Commitments Register	3

1 Introduction

1.1 Introduction

- 1.1.1 This Commitments Register sets out the environmental mitigation measures that would be adopted during the construction, operation and decommissioning phases of the Proposed Development. This Commitments Register has been produced in accordance with the Advice Page provided by the Planning Inspectorate (Ref 1).
- 1.1.2 As a register it is intended to allow stakeholders to track commitments from the ES through to the relevant securing mechanisms.
- 1.1.3 The register itself is not intended to be secured; it simply provides a recording of the commitments that have been made by the Applicant and the mechanisms by which they are secured.
- 1.1.4 It is noted that the focus of this Register is to provide a reference for the measures that are set out in the ES topic chapters, rather than setting out the full detail of each measure as is set out in the Management Plans
- 1.1.5 For each commitment the securing mechanism is identified. Predominantly, this includes references to the fact that the relevant measures is included in the relevant outline Management Plan that has been submitted with the DCO Application. The measure can be considered to be secured because the DCO requires that detailed versions of these Management Plans are approved by North Yorkshire Council, and those detailed versions must be substantially in accordance with the outline plans.
- 1.1.6 The secured Management Plans submitted with this DCO Application and referenced in this Register include:
 - 1) Outline Drainage Strategy **[EN0110012/APP/LVS/06.03.15.04];**
 - 2) Archaeological Mitigation Strategy **[EN0110012/APP/LVS/07.11];**
 - 3) Outline Construction Environmental Management Plan (oCEMP) **[EN0110012/APP/LVS/07.02];**
 - 4) Outline Landscape and Ecological Management Plan (oLEMP) **[EN0110012/APP/LVS/07.05];**
 - 5) Outline Decommissioning Environmental Management Plan (oDEMP) **[EN0110012/APP/LVS/07.04];**
 - 6) Outline Construction Traffic Management Plan (oCTMP) **[EN0110012/APP/LVS/07.12];**
 - 7) Outline Soil Resources Management Plan (oSRMP) **[EN0110012/APP/LVS/07.14];**
 - 8) Outline Operational Environmental Management Plan (oOEMP) **[EN0110012/APP/LVS/07.03];**

- 9) Outline Battery Safety Management Plan (oBSMP)
[EN0110012/APP/LVS/07.06];
- 10) Outline Public Rights of Way Management Plan oPRoWMP
[EN0110012/APP/LVS/07.09];
- 11) Outline Materials and Waste Management Plan (oMWMP)
[EN0110012/APP/LVS/07.07];
- 12) Outline Skills, Supply Chain and Employment Plan (oSSCEP)
[EN0110012/APP/LVS/07.13];
- 13) Outline Invasive Species Management Plan (oISMP)
[EN0110012/APP/LVS/07.22];
- 14) Outline Drainage Strategy **[EN0110012/APP/LVS/06.03.15.04];** and
- 15) Outline Bird Mitigation Area Management Plan (oBMAMP)
[EN0110012/APP/LVS/07.19].

- 1.1.7 These management plans incorporate embedded and good practice measures, as well as any further mitigation that arises out of the EIA process. Outline versions of these management plans are submitted alongside the ES as part of this DCO Application to secure the commitments within each assessment. A Requirement is included in the Draft DCO Application **[EN0110012/APP/LVS/03.01]** to ensure detailed management plans will be prepared to full versions by the appointed Contractor(s), substantially in accordance with the outline management plans, and will be submitted for approval by North Yorkshire Council in advance of starting the relevant phase of works.
- 1.1.8 Other Control mechanisms include the limits of deviation set out in the Works Plans **[EN0110012/APP/LVS/02.03]** which control the spatial extent of works pursuant to an article in the draft DCO Application **[EN0110012/APP/LVS/03.01];** the DCO Application Requirement for approval of detailed design which also includes that detailed design needing to be in accordance with the Design Parameters and Commitments Document **[EN0110012/APP/LVS/05.06]** (and thus securing that document); and the fact that key parties will approve matters which affect their statutory responsibilities through the Protective Provisions included in the draft DCO (for example, the Lead Local Flooding Authority (LLFA), Internal Drainage Boards (IDBs) and Environment Agency, as well as statutory undertakers).
- 1.1.9 Table 1-1 sets out the register of commitments the Applicant has made in the DCO Application.

Table 1-1 Commitments Register

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C1	Chapter 5: Agricultural Land and Soils (ES Volume 1) [EN0110012/APP/LVS/06.01.05]	Adherence to the measures within the oSRMP and to produce a detailed SRMP including adopting and implementing good practice measures for all phases of the Proposed Development to minimise damage to soils that remain in place and those that are stripped, stockpiled and reinstated; minimise soil carbon losses; maintain water infiltration; and enhance soil biodiversity.	Construction	Embedded	oSRMP
C2	Chapter 5: Agricultural Land and Soils (ES Volume 1) [EN0110012/APP/LVS/06.01.05]	Detailed OEMP(s) to include soil management measures consistent with the oSRMP [EN0110012/APP/LVS/07.14] and approved construction phase detailed SRMPs for any maintenance, replacement or management operations affecting soil.	Operation	Embedded	oOEMP
C3	Chapter 5: Agricultural Land and Soils (ES Volume 1) [EN0110012/APP/LVS/06.01.05]	Detailed DEMP(s) to include soil management measures consistent with the OSRMP and approved construction phase detailed SRMPs and approved detailed OEMPs	Decommissioning	Embedded	oDEMP
C4	Chapter 5: Agricultural Land and Soils (ES Volume 1) [EN0110012/APP/LVS/06.01.05]	Reinstatement of land in substantial accordance with the oSRMP [EN0110012/APP/LVS/07.	Construction	Embedded	oSRMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		14] including the replacement of soils in the Cable Route Corridor to replicate the original soil profile and enable agricultural uses to continue following the installation of the cables.			
C5	Chapter 5: Agricultural Land and Soils (ES Volume 1) [EN0110012/APP/LVS/06.01.05] Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12] Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Grassland beneath arrays will be managed through low-density grazing by livestock or traditional mowing to promote botanical diversity and sward structures favourable to foraging birds.	Operation	Embedded	oOEMP oLEMP
C6	Chapter 5: Agricultural Land and Soils (ES Volume 1) [EN0110012/APP/LVS/06.01.05]	Monitoring of the land and soil resources as set out in the oSRMP [EN0110012/APP/LVS/07.14] .	Construction Operation Decommissioning	Additional	oSRMP oOEMP oDEMP
C7	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APS/LVS/06.01.06]	An Outline Invasive Species Management Plan (oISMP) [EN0110012/APP/LVS/07.14] has been prepared for invasive non-native flora, including but not limited to, Himalayan balsam and Japanese knotweed covering the lifespan of the Proposed Development.	Construction	Embedded	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		This includes biosecurity measures and precautionary working methods. Himalayan balsam and Japanese knotweed will be removed from the Order Limits where practicable prior to the start of work by a specialist invasive species contractor. A detailed version of the Invasive Species Management Plan will be taken forward alongside a detailed LEMP.			
C8	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APS/LVS/06.01.06]	Micro siting of the Cable Route Corridor to avoid impacts on important ecological features and fauna and to pass through existing hedgerow gaps/ditches wherever possible. Establishment of the buffer zones set out in Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06] and in the Design Parameters and Commitments Document [EN0110012/APP/LVS/05.06] , as far as practicable.	Construction	Embedded	oCEMP
C9	Chapter 6: Biodiversity [EN0110012/APS/LVS/06.01.06]	The Proposed Development has been designed to avoid and retain the most valuable habitats (local importance or above) and protect with undeveloped buffer zones.	Construction Operation Decommissioning	Embedded	oLEMP Design Parameters and Commitments Document

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
					Works Plans
C10	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APS/LVS/06.01.06] Chapter 12: Ornithology (ES Volume 1) [EN0110012/APS/LVS/06.01.12] Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APS/LVS/06.01.13]	The Proposed Development has been designed to retain, buffer and enhance habitats of ecological value, particularly those supporting bird assemblages Landscape planting will be provided within the buffer zones (where practicable), green corridors, and within larger areas of habitat creation within the Proposed Development, to provide habitat managed sympathetically for ecology, and to provide the net gain in biodiversity.	Construction	Embedded	oLEMP DCO Requirement to produce BNG Strategy Design Parameters and Commitment s Document Works Plans
C11	Chapter 6: Biodiversity [EN0110012/APS/LVS/06.01.06]	These proposed habitats will be managed in a way that is considerate of protected/priority species/habitats, as well as those of importance in the local area, and those known to be present on-site via the protected species surveys undertaken.	Operation	Embedded	oLEMP
C12	Chapter 6: Biodiversity [EN0110012/APS/LVS/06.01.06]	Existing woodland and hedgerows will be retained, wherever practicable.	Construction	Embedded	oLEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	Chapter 10: Landscape and Visual [EN0110012/APS/LVS/06.01.10]	Vegetation removal will be minimised and limited to areas necessary for access points, cable routing, and fencing. Where removal is unavoidable, reinstatement will be undertaken within the technical constraints of cable easements.			oCEMP
C13	Chapter 10: Landscape and Visual [EN0110012/APS/LVS/06.01.10] Chapter 12: Ornithology [EN0110012/APS/LVS/06.01.12] Chapter 16: Other Environmental Matters – Arboriculture [EN0110012/APP/LVS/06.01.16]	The design also identifies opportunities for landscape restoration and enhancement, by introducing planting which repairs or reinforces existing vegetation patterns and contributes to biodiversity net gain. Layout of the Solar Development sites includes green corridors linking hedgerows, woodlands and open areas, maintaining foraging and commuting routes for birds. Opportunities will also be taken to reinforce existing hedges by gapping up, increasing widths and hedge tree planting.	Construction	Embedded	oLEMP Design Parameters and Commitment s Document DCO Requirement to produce BNG Strategy
C14	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APS/LVS/06.01.06]	A minimum 15 m buffer or the Root Protection Area (RPA), whichever is larger, will be provided to all ancient woodland,	Construction Operation Decommissioning	Embedded	oLEMP oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10] Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12] Chapter 16: Other Environmental Matters - Arboriculture (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	except for 20 m adjacent to Common Wood SINC. A buffer of 15 times the stem diameter, as measured at 1.5 m, will be put in place around ancient / veteran trees. A minimum 10 m offset or the RPA, whichever is greater, will be maintained around non-ancient woodland (as identified in the National Forestry Inventory and site surveys). For all other non-ancient/non-veteran trees, a minimum 5 m offset, or the RPA will be provided where practicable.			oOEMP oDEMP Design Parameters and Commitment s Document
C15	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Construction compounds and laydown areas will be located in low ecological importance habitat where practicable and as far away from sensitive receptors.	Construction Decommissioning	Embedded	oCEMP Works Plans (for compounds only)

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C16	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Fencing of the Solar Development Areas within the Solar Development Sites will be designed to let small mammals pass through where practicable. The layout of the fencing has will be designed to retain numerous commuting corridors around existing linear features (ditches and hedgerows) through the Proposed Development that will be free of obstacles to faunal movement. <u>During the construction phase, all fencing will be periodically checked to ensure it is in a sound condition.</u> –	Construction Operation	Embedded	DCO Requirement requires details of fencing to be approved. oCEMP
C17	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Site access and access routes around the Solar Development Sites, including watercourse crossings, will aim to use existing access points/crossings and field openings were possible to reduce impacts.	Construction Operation Decommissioning	Embedded	oCEMP oOEMP oDEMP oCTMP Design Parameters and Commitment s Document
C18	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Trenchless solutions, for example horizontal directional drilling (HDD) are proposed for the crossing of the River Ouse, main rivers, IDB watercourses, and WER water body	Construction	Embedded	oCEMP Design Parameters

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08]	line watercourses. HDD under the River Ouse will be undertaken between July and September, unless otherwise agreed with the EA, to avoid sensitive times for fish.			and Commitment s Document
	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Trenchless solutions will also be employed to pass beneath Ouse Bank-Westfield-Riccall Ings SINC that flanks the river Ouse. Minimum depth of 5 m below the bed for trenchless crossings. The detailed CEMP will set out the EMF mitigation measures that are proposed to be deployed (including the depth of cabling) for all main rivers where >132 kV cables are proposed to be buried beneath. The detailed CEMP will explain how that has taken account of the latest research and practice, and consultation with Environment Agency and Natural England on this matter. The starting point will be that the depth of the cabling will be a minimum of 5 metres below the bed to mitigate EMF effects, unless otherwise agreed by the Environment Agency and Natural England as part of the aforementioned consultation. Trenchless solutions would also be used for railway crossings.			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C19	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06] Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	Demand responsive motion sense lights will be used. A sensitive lighting strategy will also be implemented during replacement campaigns. Lighting and Disturbance Control- demand-responsive motion-sensor units only, minimizing disturbance to nocturnal and crepuscular species (e.g., owls) and reducing light pollution near sensitive habitats	Operation	Embedded	oOEMP
C20	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06] Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10] Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	New planting across the Order Limits to include approximately (depending on detailed design and detailed LEMP): - Creation and enhancement of 833 ha (65.7 ha within the Bird Mitigation Area) of grassland. - Creation of 35 km of hedgerow and 23.2 ha of existing hedgerow reinforced. 523 trees planted. 8.5 ha of proposed native woodland belt and block planting. 6.6 ha of proposed enhancements to water courses. 4.6 ha of scrub planting.	Operation	Embedded	oLEMP Design Parameters and Commitment s Document

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C21	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06] Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	Temporary site lighting will be designed as far as reasonably practicable to minimise potential for light spillage outside the Solar PV Sites and Cable Route Corridor, particularly towards valuable ecological habitats. A sensitive lighting strategy during construction that will be considered in relation to ecology which will follow best practice methods to minimise potential for light spill within and outside the Order Limits, particularly towards valuable ecological features.	Construction	Embedded	oCEMP
C22	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Public Rights of Way (PRoWs) adjacent to ecologically important features will be appropriately fenced /enclosed by boundary vegetation such as hedgerows, where practicable, to reduce anthropogenic disturbance, with measures to be detailed in the Public Rights of Way Management Plan submitted in substantial accordance with the Outline Public Rights of Way Management Plan (oPRoWMP) [EN0110012/APP/LVS/07.09] .	Operation	Embedded	oPRoWMP oBMAMP DCO Requirement requires details of fencing to be approved.

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C23	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Pre-decommissioning surveys and assessments will be required to identify whether the embedded mitigation of the Proposed Development is fully appropriate for the future baseline of the Proposed Development at the time of the decommissioning phase, and to conform with all applicable biodiversity policies and legislation. This will be set out within, and implemented through, the approved Decommissioning Environmental Management Plan, as set out in the oDEMP [EN0110012/APP/LVS/07.04].	Decommissioning	Additional	oDEMP
C24	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Appointment of an Ecological Clerk of Works (ECoW) prior to commencement of each phase of works. The ECoW will provide ecological supervision during sensitive works, ensuring that works proceed in line with ecological mitigation commitments, including timing restrictions and habitat protection. If the Contractor(s) identifies evidence of protected species onsite, works will be stopped and the ECoW consulted. Works will only re-commence following successful application for a species mitigation licence.	Construction Operation Decommissioning	Additional	oCEMP oOEMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C25	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Delivery of a Toolbox Talk by the ECoW to all site personnel, raising awareness of sensitive ecological features (such as bird nesting areas and buffer zones) and communicating the correct working practices to minimise disturbance or harm.	Construction Operation Decommissioning	Additional	oCEMP oOEMP oDEMP
C26	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06] Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	Approximately 65.7 ha within the Order Limits, situated in southern extent of Solar Development Site 1 will be retained as part of the non-breeding Bird Mitigation Area with the benefit of also supporting breeding bird species. This area, referred to as 'the Bird Mitigation Area', will be multifunctional, designed to support both breeding and non-breeding bird assemblages. The Bird Mitigation Area will be made functional prior to the commencement of construction.	Construction Operation	Embedded	oLEMP Bird Mitigation Area MP oCEMP Design Parameters and Commitments Document
C27	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Habitat under the arrays and within buffers and other designated ecological mitigation areas have each received habitat creation and management prescriptions in order to deliver Biodiversity Net Gain	Construction	Additional	oLEMP DCO Requirement to produce BNG Strategy

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C28	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Pre-commencement of construction, surveys to be undertaken for the following species: ▪ Otters; ▪ Badgers; ▪ Water voles; ▪ Brown hare; ▪ Bats; and ▪ Great Crested Newts.	Construction	Additional	oCEMP
C29	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Contractor to halt construction following the potential discovery of a protected species or evidence of a protected species (e.g. burrows) and consult the Ecological Clerk of Works (ECoW) and specifies that construction will only re-commence following successful application for a species mitigation licence, and the production of a species mitigation plan.	Construction	Embedded	oCEMP
C30	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06] Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Regular water quality monitoring is recommended in order to efficiently detect potential accidental pollution events. A monitoring plan will be developed (in consultation with the EA) which will outline the frequency of water quality monitoring prior to and during construction, the first few months of operation and during decommissioning.	Construction Operation Decommissioning	Additional Embedded	oCEMP oOEMP oDEMP oPSRP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02] Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.03] Outline Decommissioning Environmental Management Plan (oDEMP) [EN0110012/APP/LVS/07.02]				
C31	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06]	Timing of works that might substantially increase noise and vibration around watercourses to be undertaken outside periods of sensitive migratory periods for lamprey, Atlantic salmon and sea trout. For river lamprey, peak avoidance periods for migration are between October and March. For sea lamprey, peak avoidance periods for migration are between April and May. For Atlantic salmon/brown trout, peak avoidance periods for migration are between October and February, noting that	Construction Decommissioning Operation	Embedded	oCEMP oDEMP oOEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		spawning/incubation habitat is absent. It is assumed that the core spring migrations and the core winter spawning migration will be avoided unless otherwise agreed with the EA.			
C32	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06] Chapter 7: Climate Change Resilience (ES Volume 1) [EN0110012/APP/LVS/06.01.07] Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15] Outline Drainage Strategy [EN0110012/APP/LVS/06.03.15.04]	Installation of Sustainable Drainage Systems (SuDS) for surface water management around critical infrastructure and retention of vegetation on the underlying ground cover below solar PV. The type of SuDS features to be used will be confirmed at detailed design stage and will follow the principles outlined in the Outline Drainage Strategy, but may include swales, filter drains and attenuation basins. A detailed SuDS maintenance plan will be prepared and agreed with the ultimate asset owner as part of the detailed Drainage Strategy to define inspection regimes and responsibilities for long-term asset management. The drainage design will mimic existing conditions or include appropriate storage, to enable greenfield runoff rates to be maintained.	Construction Operation Decommissioning	Embedded	Outline Drainage Strategy

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C33	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06] Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10]	Reinstatement of the land following decommissioning, returning the land to its current use and condition as far as reasonably practicable.	Decommissioning	Embedded	oDEMP
C34	Chapter 6: Biodiversity (ES Volume 1) [EN0110012/APP/LVS/06.01.06] Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08] Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10] Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Offsets have been embedded into design, including a minimum offset of 10 m from bank top for all watercourses (50 m for Canal and River Trust watercourses, e.g. River Ouse) and their associated riparian zones from all infrastructure (including fencing) and construction works (e.g. oil/fuel storage, stockpiles, HDD entry and exist pits etc), except where watercourse crossings are required (access tracks / cable routing / fencing will be located to pass across existing watercourse crossings where feasible). The offsets may be at greater distances in some instances and will always be located outside of the Avoidance Areas as shown on Figure 2.5 Avoidance Areas (HDD) (ES Volume 2) [EN0110012/APP/LVS/06.02.05].	Construction Operation Decommissioning	Embedded	Works Plans Design Parameters and Commitment s Document oCEMP oOEMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		Avoidance areas have been identified for 27 crossings across Very High to Low importance watercourses where non-intrusive solutions will be used. These include railways, selected road crossings, the crossing of have been identified where non-intrusive installation methods will be used to avoid impact around railways, selected road crossings, the crossing of the River Ouse, main rivers, Internal Drainage Board (IDB) watercourses, and Water Environment Regulations (WER) water body line watercourses. These are shown on Figure 3.1 (ES Volume 2) [EN0110012/APP/LVS/06.02.02.04]. There are 14 crossings across Low importance field drains which will use open cut crossings. There is one IDB watercourse, Ings Drain, where the crossing utilises an existing culvert to route the cable.			
C35	Chapter 7: Climate Change Resilience (ES Volume 1) [EN0110012/APP/LVS/06.01.07]	The drainage design strategy has been designed to ensure flood resilience, including the recommended climate change allowances for peak river flows and peak rainfall intensities and ensuring vulnerable	Construction Operational Decommissioning	Embedded	Outline Drainage Strategy

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	components are raised above predicted maximum flood depth plus freeboard.			Design Parameters and Commitment s Register
C36	Chapter 7: Climate Change Resilience (ES Volume 1) [EN0110012/APP/LVS/06.01.07] Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Substations, BESS and integrated conversion units (ICUs) are regarded as 'flood-sensitive' assets and cannot tolerate flooding. Substations and BESS are therefore sequentially located in areas of lowest flood risk. All flood-sensitive infrastructure to be located outside of Flood Zone 3, and Flood Zone 2 as far as is practical to reduce the risk of flooding to the development. The BESS has been located outside of Flood Zones 2 and 3 and is situated in Flood Zone 1 on Solar Development Site 2, Field 2.4 in the Works Plans [EN0110012/APP/LVS/02.03] for the Solar Development Sites. To safeguard flood sensitive infrastructure such as the BESS, integrated conversion units, and the 275 kV substations, these are elevated by ensuring the minimum Finished	Operational	Embedded	Works Plans

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		Floor Level (FFL) would be set to the design event flood level plus 0.3 m freeboard or the credible maximum scenario flood level, whichever is greater			
C37	Chapter 7: Climate Change Resilience (ES Volume 1) [EN0110012/APP/LVS/06.01.07]	Electrical infrastructure such as the integrated conversion units, and the 275 kV substations to be elevated ensuring the minimum Finished Floor Level (FFL) would be set to the design event flood level plus 0.3 m freeboard or the credible maximum scenario flood level	Operational	Embedded	Design Parameters and Commitment s Document
C38	Chapter 7: Climate Change Resilience (ES Volume 1) [EN0110012/APP/LVS/06.01.07] Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Internal access tracks will be of permeable construction to allow water to filtrate through and maintain greenfield runoff rates.	Construction Operation	Embedded	Design Parameters and Commitment s Document
C39	Chapter 7: Climate Change Resilience (ES Volume 1) [EN0110012/APP/LVS/06.01.07] Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Infiltration systems or storage tanks should be emptied and inspected to ensure they do not pose any residual flood or pollution risks. This will be implemented on a regular schedule and in response to any pollution events.	Operation	Embedded	oOEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C40	Chapter 7: Climate Change Resilience (ES Volume 1) [EN0110012/APP/LVS/06.01.07]	BESS systems would include Heating, Ventilation and Cooling (HVAC) systems to maintain appropriate operating temperatures taking into account average higher daily summer temperatures.	Operational	Embedded	oOEMP oBSMP
C41	Chapter 7: Climate Change Resilience (ES Volume 1) [EN0110012/APP/LVS/06.01.07]	During times of flooding, tracked solar panels may be stowed by the tracking system algorithm onto a horizontal plane, to a maximum height of 2.5 m above ground level.	Operational	Embedded	Design Parameters and Commitment s Document
C42	Chapter 7: Climate Change Resilience (ES Volume 1) [EN0110012/APP/LVS/06.01.07]	Regular monitoring and inspections of drainage systems, materials and structures to identify signs of deterioration with additional checks after extreme weather events.	Operation	Additional	oOEMP Outline Drainage Strategy
C43	Chapter 8: Cultural Heritage(ES Volume 1) [EN0110012/APP/LVS/06.01.08]	The solar panel areas have been located to avoid areas considered to be of higher archaeological potential.	Construction	Embedded	Works Plans
C44	Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08]	Where appropriate the installation of non-ground penetrating techniques for the panels will serve to preserve sub-surface archaeological remains <i>in situ</i> (in line with Historic England's Advice Note 15:	Construction	Embedded	oCEMP Design Parameters and

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		Commercial Renewable Energy Development and the Historic Environment. This has been applied within Solar Development Sites 1, 2 and 4, to avoid areas containing potential archaeological features identified during geophysical survey (see Figure 2.5: Concrete feet locations or other non-ground penetrative techniques (ES Volume 2) [EN0110012/APP/LVS/06.02.06].			Commitments Document
C45	Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08]	Steps will be taken to minimise light, noise and vibration on heritage receptors as a result of temporary construction works through best practice measures.	Construction	Embedded	oCEMP
C46	Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08] Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	Construction access routes have been sited to avoid large increases in traffic movement and mitigation measures identified to minimise the potential for physical impacts to heritage assets adjacent to roadways.	Construction	Embedded	oCTMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C47	Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08]	Landscape reinstatement will be undertaken following the installation of the Cable Route Corridor where practicable	Construction	Embedded	oCEMP
C48	Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08] Chapter 16: Other Environmental Matters – Arboriculture (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Underground cables will be located in existing gaps in hedgerows wherever feasible, and the final design will seek to retain trees and hedgerows, as far as possible, to retain existing Historic Landscape Character. Any trees or hedges lost to cable installation will be replanted where appropriate in the Cable Route Corridor.	Construction	Embedded	oCEMP oLEMP Design Parameters and Commitment s Document
C49	Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08]	Where ecological mitigation is proposed (with the exception of the BMA scrapes or if required for badger licencing purposes) this should not include any ground disturbance beyond baseline conditions (i.e. scrapes or ponds) and where practicable look to minimise impacts caused by arable land usage.	Construction	Additional	oCEMP
C50	Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08]	Where remains cannot be preserved in situ a scheme of archaeological excavation or archaeological monitoring will be undertaken to record archaeological features	Construction	Additional	oAMS

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C51	Chapter 8: Cultural Heritage (ES Volume 1) [EN0110012/APP/LVS/06.01.08]	Adherence to the mitigation measures set out within the Archaeological Mitigation Strategy (AMS).	Construction Decommissioning	Embedded	oAMS
C52	Chapter 9: Greenhouse Gases Emissions (ES Volume 1) [EN0110012/APP/LVS/06.01.09]	Adoption of the Considerate Constructors Scheme (CCS).	Construction	Embedded	oCEMP
C53	Chapter 9: Greenhouse Gases Emissions [EN0110012/APP/LVS/06.01.09]	Use of lower carbon modes of transport by construction staff including the provision of shared transport for construction workers.	Construction Operation Decommissioning	Embedded	oCTMP
C54	Chapter 9: Greenhouse Gases Emissions (ES Volume 1) [EN0110012/APP/LVS/06.01.09]	Segregation of waste to be reused and recycled where reasonably practicable based on the principles in the oMWMP.	Construction Operation Decommissioning	Embedded	oMWMP
C55	Chapter 9: Greenhouse Gases Emissions (ES Volume 1) [EN0110012/APP/LVS/06.01.09]	Where replacing assets, minimise the creation of waste and maximise the use of alternative materials with lower embodied carbon such as locally sourced products and materials with higher recycled content where feasible.	Operation	Embedded	oOEMP
C56	Chapter 9: Greenhouse Gases Emissions (ES Volume 1) [EN0110012/APP/LVS/06.01.09]	Reusing suitable infrastructure and resources already available within the Solar Development Sites where practicable to minimise the use of natural resources and unnecessary materials (e.g. reusing excavated soil for fill requirements).	Construction Operation Decommissioning	Embedded	oCEMP oOEMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C57	Chapter 9: Greenhouse Gases Emissions (ES Volume 1) [EN0110012/APP/LVS/06.01.09]	Procurement of latest technologies and products to ensure most efficient used on-site.	Construction Operation	Additional	oCEMP oOEMP
C58	Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10]	Sensitive landscape design including the location of development in the least prominent positions and wherever practicable maximising the distance from nearby visual receptors The design also makes use of existing natural features such as landform and vegetation to screen views.	Operation	Embedded	oLEMP Design Parameters and Commitment s Document
C59	Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10]	A comprehensive post-construction reinstatement strategy and appropriate management measures for landscape and ecology, as detailed in in the oLEMP.	Construction Operation Decommissioning	Embedded	oLEMP
C60	Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10]	Installation of underground cables using trenching, wherever possible, causing minimal disruption to the ground, by cutting, installing and back-filling in one operation.	Construction	Embedded	oCEMP
C61	Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10] Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Embedded visual mitigation includes designing the preliminary layout of the Solar Development Sites to incorporate minimum offsets: Residential properties – 30 m from curtilage.	Construction Operation Decommissioning	Embedded	oCEMP Design Parameters and Commitment s Document

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		▪ Ancient woodland – 15 m buffer or Root Protection Area (whichever is larger), except for adjacent to Common Wood SINC. ▪ A buffer of 15 times the stem diameter as measured at 1.5 m, will be put in place around ancient/ veteran trees. ▪ Non-ancient woodland – 10 m or Root Protection Area (whichever is larger). ▪ Non-ancient/ non-veteran trees – 5 m or Root Protection Area (whichever is larger). ▪ Hedgerows – 8 m. ▪ Bank top of all watercourses and riparian boundaries, except where watercourse crossings are required – 10 m (50 m for Canal and River Trust watercourses). ▪ PRow – 15 m. ▪ Groundwater and surface water abstractions, both licensed and private water supplies – 50 m.			
C62	Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10]	Inclusion of security fencing, designed to minimise its visual prominence. The fence is likely to be a deer fence or other mesh	Operational	Embedded	DCO Requirement requires details of

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		security fencing approximately 2.5 m to 3 m in height.			fencing to be approved.
C63	Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10]	Inclusion of new green infrastructure (planting) measures to integrate with the local green infrastructure network.	Operational	Embedded	oLEMP Design Parameters and Commitments Document
C64	Chapter 10: Landscape and Visual (ES Volume 1) [EN0110012/APP/LVS/06.01.10]	The design of the Proposed Development incorporates offsets from residential properties (30 m from curtilage) which respond to the existing landscape and extent of views, ranging from situations where existing retained vegetation in the curtilage of properties may filter some views to situations where views from a property are open.	Operational	Embedded	oLEMP Design Parameters and Commitments Document
C65	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Noise from operational noise sources will be controlled through design to ensure compliance with British Standard BS414.	Operation	Embedded	oOEMP
C66	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Operator to carry out noisy works during daytime periods and to implement measures to minimise potential noise impacts at sensitive receptors.	Operation	Embedded	oOEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C67	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Careful selection of plant and construction methods. Only plant conforming to relevant national, EU or international standards, directives and recommendations on noise and vibration emissions.	Construction Operation Decommissioning	Embedded	oCEMP oOEMP oDEMP
C68	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Construction activities will be carried out Monday to Friday 07:00-18:00 and between 08:00 and 13:00 on Saturdays, which constitute core working hours (save for start-up and shut down works). This is with the exception of HDD works or similar trenchless solutions, which will take place on a 24/7 basis and any emergency works. Some activities may be required outside of the core working hours.	Construction	Embedded	oCEMP
C69	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Where work is required outside the core working hours (e.g. night working) (with the exception of HDD or similar trenchless solution and emergency works) this will be agreed with NYC. Materials for night-time working shall be delivered, where practicable, during normal working hours and be placed as close as possible to the work area for which they are required.	Construction	Embedded	oCEMP
C70	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	All compressors and generators will be 'sound reduced' models fitted with properly lined and sealed acoustic covers which	Construction	Embedded	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		shall be kept closed whenever the machines are in use.			
C71	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Noise emitting equipment which is required to run continuously shall be housed in a suitable acoustic enclosure.	Construction	Embedded	oCEMP
C72	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Temporary noise barriers will be used to reduce noise levels where appropriate and practicable. Such measures can be particularly appropriate for stationary or near-stationary plant such as pneumatic breakers, piling rigs and compressors. Barriers should be located as close to the plant as possible and, in order to provide adequate attenuation and should have a mass per unit area of at least 7 kg/m ² .	Construction	Embedded	oCEMP
C73	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Control measures relevant for noise and vibration will be adopted during construction including: - Drivers of delivery vehicles advised to switch off engine when vehicle is not moving. - All vehicles and mechanical plant shall be fitted with effective exhaust silencers and shall be maintained in good and efficient working order. - Where practicable, programme construction traffic movements to avoid	Construction Operation Decommissioning	Embedded	oCTMP oCEMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		having noisy activities close to receptors during sensitive times.			
C74	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	The Proposed Development has been developed to minimise noise impacts as far as practicable. Examples include: - Site selection of BESS and substation compounds to optimise separation from sensitive receptors and minimise impacts - Location of conversion units away from sensitive receptors where practicable. - Plant orientation within sites to use buildings and structures as noise barriers, positioning noise emitting units so their noise emitting side is screened by noise barriers. - Where appropriate reduced operational load of plant to minimise noise emissions. - Implementation of 5 m noise barriers around and within BESS if required. The exact colour will be subject to manufacturer specifications but will be carefully selected in subdued, non-reflective tones to sit as discreetly as possible within the landscape.	Construction Operation Decommissioning	Embedded	Works Plans OEMP Design Parameters and Commitment s Document

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C75	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	A communication strategy for prior warning of activities with the potential to cause disturbance.	Construction	Embedded	oCEMP
C76	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Details of the operational noise mitigation measures which have been implemented to be included in the detailed OEMP. These measures include: ▪ Detail of the operational noise measures implemented as part of the detailed design. ▪ Noise impact assessment of the finalised design for the relevant aspect of the Proposed Development. ▪ Undertake and submit to NYC a verification exercise (methodology to be agreed) three months after operations begin for that part of the Proposed Development. ▪ If verification exercise concludes that the conclusions of noise impact assessment have not been borne out remedial actions will be undertaken.	Operation	Embedded	oOEMP
C77	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11]	Where simultaneous works are required at this receptor, additional noise modelling of the HDD works will be undertaken prior to construction, to define specific mitigation measures to avoid such exceedance.	Construction	Additional	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C78	Chapter 11: Noise and Vibration (ES Volume 1) [EN0110012/APP/LVS/06.01.11] Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	Temporary hoarding will be required to offset noise and vibration, and visual impacts, both around the Cable Route Corridor and the Solar Development Sites (for example, adjacent to the Bird Mitigation Area around Solar Development Site 1) (where appropriate).	Construction	Additional	oCEMP Requirement 10
C79	Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	Habitat enhancement measures to include: - Creation of Bird Mitigation Area. - Retention and enhancement of existing wet features and ditches with backwaters and connecting channels created to maintain seasonal hydrology. - Shallow scrapes (8 ha) and low islands (within Bird Mitigation Area). - Bare ground through surface soil scraping rotated through breeding periods. - Establishing botanically diverse grassland (88.8 ha). - Selective removal of internal hedgerows. - Prevention of chemical and pesticide use	Construction Operation	Embedded	oLEMP Outline Bird Mitigation Area MP oCEMP Design Parameters and Commitment s Document

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		Exclusion of public access and PRoW diversion to minimise disturbance.			
C80	Chapter 12: Ornithology (ES Volume 1) (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	Works phasing, seasonal avoidance (where applicable) and sequencing – noise and vibration intensive activities timed to avoid ornithological periods where practicable.	Construction Operation Decommissioning	Embedded	oCEMP oOEMP oDEMP
C81	Chapter 12: Ornithology [EN0110012/APP/LVS/06.01.12]	Detailed PRoWMP to be approved. Public rights of way to include signage, way markers and screening vegetation or fencing.	Operation	Embedded	oLEMP DCO Requirement requires details of fencing to be approved
C82	Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	The Bird Mitigation Area will be made functional prior to the commencement of construction starting in the non-breeding period i.e. constructed during the breeding period, prior to the non-breeding season commencing (September to March inclusive). The definition of functional will be based on on-going consultation with NE. Functional criteria include: All physical works within the Bird Mitigation Area is completed.	Construction	Embedded	oBMAMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		- The entire Bird Mitigation Area is available to support SPA qualifying features and species part of the wider waterbird assemblage. - The entire Bird Mitigation Area is free from all construction related disturbances (noise, visual but not limited to). This restriction excludes the southern portion of Solar Development Site 1, where construction activities will occur subject to the defined seasonal controls.			
C83	Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12	Management of the Bird Mitigation Area including: - Management and monitoring of scrapes (removing vegetation every two years), back waters and water levels. - Maintaining the grass sward as short prior to the non-breeding and breeding season to ensure the area is suitable for waterbirds and ground nesting bird species. - Surveys to monitor bird numbers.	Operation	Embedded	oBMAMP oOEMP
C84	Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12	Temporary hoarding where required to alleviate noise and visual impacts to bird receptors.	Construction	Embedded	oCEMP DCO Requirement

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C85	Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	8 m buffer has been provided between solar panels and hedgerows. These measures will aid preservation and enhance foraging, nesting and commuting routes for boundary thriving and farmland bird species assemblages.	Operation	Embedded	Design Parameters and Commitment s document
C86	Chapter 12: Ornithology (ES Volume 1) [EN0110012/APP/LVS/06.01.12]	Construction works within the southern portion of Solar Development Site 1 (250 m section; Figure 12.4: Predicted Construction Noise Levels at SDS 1 (ES Volume 2) [EN0110012/APP/LVS/06.02.12.04]) that adjoin the BMA will be limited to construction activities that do not give rise to noise levels equal to or above 50 dB during the non-breeding period. Construction works that are likely to generate noise levels above 50 dB will be undertaken during the breeding season only (specifically April–August) when qualifying species presence is considered low and not ornithologically meaningful. No construction activities are permitted within this southern portion during the non-breeding period unless they generate less than 50 dB at the BMA boundary. During the breeding period, construction works may proceed without this restriction.	Construction	Embedded	oCEMP oBMAMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C87	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13] Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	The Proposed Development has been designed to avoid and reduce impacts and effects on socioeconomics, tourism and recreation as far as practicable. To reduce the level of effect on tourism accommodation, local businesses and recreational and community facilities the oPRoWMP [EN0110012/APP/LVS/07.09] and oCTMP [EN0110012/APP/LVS/07.12] include further measures to target managing driving behaviours, the times vehicles arrive and leave Sites or to reduce traffic volumes and effects overall. This includes providing additional signage to direct construction vehicles associated with the Proposed Development, installed along the agreed construction traffic route. Delivery drivers, contractors and visitors will be provided with a route plan in advance of delivery to the Proposed Development to ensure that vehicles follow the identified route. In addition, warning signs will be provided at points where sensitive receptors are within close proximity to cross construction traffic routes onsite.	Construction Operation Decommissioning	Embedded	oCTMP oPRoWMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C88	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	New permissive paths are incorporated into the Proposed Development. Permissive paths at Solar Development Site 4, a dog-leg continuation of the existing Unsurfaced Unclassified Road (UUR) is proposed, linking northwards via Row Lane and southwards to Woodhouse Farm, with the route type to be confirmed, at 4260 m and 1270 m. At Solar Development Site 6, two circular routes are proposed around Milford Grange and Milford Lodge, with a combined total length of 2550 m and route type to be determined.	Construction Operation	Embedded	oLEMP
C89	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Where practicable recreational routes crossing or within the Order Limits to be retained and open during construction.	Construction	Embedded	oCEMP
C90	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Diversions to three PRowWs affecting bridleways 35.28/1/1 and 35.67/6/1, and footpath 35.28/3/1. All diversions are planned to be implemented prior to construction and involve permanent re-routing to accommodate site infrastructure.	Construction	Embedded	oCEMP oPRowWMP
C91	Chapter 13: (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Initiatives to support employment, education, and skills; manage	Construction	Embedded	oSSCEP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		accommodation demand during construction; and minimise construction impacts on the most affected socioeconomic receptors.			oPRoWMP oCEMP
C92	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Promotion of apprenticeship schemes, workforce training, and STEM education initiatives during construction and operation. During the construction phase, the Applicant will seek opportunities to work with further and higher education providers in and around the Study Area to offer apprenticeships and academic support.	Construction	Embedded	oSSCEP
C93	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Applicant will seek to ensure that the Principal Contractor will reduce peak numbers of construction workers and movements, where practicable, or alter when this peak will occur to minimise peak impacts.	Construction	Embedded	oCEMP
C94	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Investment in local recruitment and procurement to increase proportion of construction force from within the local area. Implementation of local recruitment efforts, including engagement with Job Centre Plus, local authorities, and recruitment agencies.	Construction Operation Decommissioning	Embedded	oSSCEP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		The Applicant will also introduce measures to promote workforce diversity, equality, and inclusion, targeting underrepresented groups such as women in construction, young people, and the long-term unemployed.			
C95	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Applicant has committed to exploring partnerships to support workforce training, including vocational qualifications (e.g. BTEC, NVQ, HNC) relevant to the delivery of the Proposed Development.	Construction Operation	Embedded	oSSCEP
C96	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Additional signage to enforce preferred HGV and construction traffic routes particularly where non-compliance would cause adverse effects to receptors; provide warning signs at points where sensitive receptors are within close proximity to cross construction traffic routes on site.	Construction	Additional	oCTMP oCEMP
C97	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	for Birkin and Gascoigne Fisheries: ▪ Ongoing engagement and coordinate works during potential key events. ▪ Schedule noisy activities outside of peak fishing times (early mornings, evenings and weekends). ▪ Install temporary acoustic and visual screening along boundaries closest to	Construction Operation Decommissioning	Additional	oCEMP oOEMP oDEMP oCTMP oPRoWMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		the fishery to reduce disturbance effects.			
C98	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	For Fairfield Equine Facilitated Wellbeing and Birkin Tea rooms: - Manage HGV movements to reduce impacts or avoid peak visitor times where practicable. - Provide advance notice of high activity periods and maintain communication with operators - Manage activities that might result in excessive noise or visual disturbance.	Construction Operation Decommissioning	Additional	oCEMP oOEMP oDEMP oCTMP
C99	Chapter 13: Socioeconomics (ES Volume 1) [EN0110012/APP/LVS/06.01.13]	Ongoing engagement with the fisheries operators will ensure that construction activities are coordinated with key events or periods of high usage, helping to maintain the amenity value of the site throughout the construction period.	Construction	Additional	oCEMP
C100	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	Implementing a detailed CTMP (based on the oCTMP) to detail and formalise management measures	Construction	Embedded	oCTMP oCEMP
C101	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	Locations for suitable points of access for construction and decommissioning vehicles across the Solar Development Sites, including visibility splays where required.	Construction Decommissioning	Embedded	oCTMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C102	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	Restricting HGV movements and abnormal loads AILs to certain routes.	Construction Decommissioning	Embedded	oCTMP
C103	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	Undertaking improvement works where required in advance of AILs to facilitate access for AILs.	Construction Decommissioning	Embedded	oCTMP
C104	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	Implementing Temporary Traffic Regulation Measures where required.	Construction Decommissioning	Embedded	oCTMP DCO Requirement
C105	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	Providing passing places on narrow, rural roads where required to facilitate the safe movement of construction vehicles. Where required, these would be suitably located away from residential properties.	Construction Operation Decommissioning	Embedded	oCTMP
C106	Chapter 14: Traffic and Movement [EN0110012/APP/LVS/06.01.14]	Highway improvements will be made to facilitate the construction traffic movements for the Proposed Development. Works within the Highway Improvement Areas comprise improvements to the existing highway such as vegetation management, minor works to enable construction vehicle movements such as	Construction Decommissioning	Embedded	oCTMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		provision of temporary passing places within the existing highways boundary, traffic management, and provision of visibility splays. Highways Improvements Areas to be delivered where necessary for construction vehicles on narrower sections of the local highway network within parts of the construction vehicle routes to the site.			
C107	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14] Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Construction good practice measures to be adopted including: A wheel wash facility will be provided ahead of exiting the Proposed Development at each access point allowing vehicles to be hosed down so that no construction vehicles will take mud or debris onto the local highway network. Rumble strips or dry brushing will be used to minimise water use. Wheel washing activities will be undertaken in a designated impermeable area which is bunded to prevent runoff. Wash water will either be disposed of off-site by a licensed contractor or directed to a permanent drainage system incorporating appropriate treatment measures for suspended solids, which may include	Construction Decommissioning	Embedded	oCEMP oCTMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		SuDS components and silt management measures. The method of containment, treatment (where required) and disposal will be confirmed at detailed design stage within the detailed CEMP. Where SuDS are used, these will be designed to provide sufficient treatment for suspended sediment, metals and hydrocarbons. - A road sweeper will be provided for surrounding local roads along the designated route to alleviate any residual debris generated during the construction phase, as required. - The Proposed Development will be secured at all times. - A requirement for engines to be switched off on-site when not in use. - Spraying of areas with water supplied as and when conditions dictate to prevent the spread of dust. - Vehicles carrying waste material off-site to be sheeted.			
C108	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	A compound area for contractors will be set up on-site including appropriate parking spaces. Contractors and visitors will be advised that parking facilities will be	Construction Decommissioning	Embedded	oCTMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		provided on-site in advance of visiting the Proposed Development and that they should not park on-the street.			
C109	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	Banksmen will be provided at Site access junctions where required to indicate to construction traffic when it is safe for them to enter and exit the Proposed Development;	Construction Decommissioning	Embedded	oCTMP
C110	Chapter 14: Traffic and Movement (ES Volume 1) [EN0110012/APP/LVS/06.01.14]	All residents in the Order Limits will be provided with contact details of the Community Liaison Manager via notices on the website, and details will also be provided on a noticeboard at each site access and egress junctions.	Construction Decommissioning	Embedded	oCEMP oDEMP oCTMP
C111	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Where a small unlicensed abstraction is considered for water supply (<20 m3/d), it will not impact on nearby receptors, taking into account available flow, any dependent ecosystems and any existing abstractions.	Construction	Embedded	oCEMP
C112	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	A Foundation Works Risk Assessment will be produced for any required piling activities, particularly the BESS and substation sites and for any foundation solution likely to interact with, or else create a new pollution pathway to, a Secondary or Principal aquifer.	Construction	Embedded	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		Use of piling methodology that minimises likelihood of creating pollution pathway to groundwater.			
C113	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Pre- and post-construction surveys will be carried out to ensure there is no loss of integrity to the flood defence by the proposed works.	Construction Operation	Embedded	EA Protective Provisions
C114	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Where land drainage from agriculture is encountered during construction, actions will be taken to divert the flow to an appropriate location, such as the construction drainage network. Field drains which are not IDB assets will primarily use open cut crossings and may be culverted for access tracks. Prior to completion of the Proposed Development, field drains will be reinstated to the original locations, where practically possible, or to a suitable alternative discharge point determined by pre-construction surveys.	Construction	Embedded	oCEMP
C115	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	A suitable Flood Warning and Evacuation Plan (FWEP) will be in place during construction, operation and decommissioning of the Proposed Development.	Construction Operation Decommissioning	Embedded	oCEMP oOEMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C116	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	A 50 m stand off from all groundwater and surface water abstractions, both licensed and private water supplies.	Construction	Embedded	Outline Drainage Strategy Design Parameters and Commitment s Document
C117	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Where surface water attenuation may be needed, Lead Local Flood Authority guidance will be followed to ensure the overall volume of surface water leaving the site is managed.	Construction	Embedded	Outline Drainage Strategy oCEMP
C118	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Surface water runoff not collected for use must be discharged to one or more of the following, in order of priority shown: ▪ Collection for non-potable use ▪ Discharge into the ground (infiltration). ▪ Discharge to a surface water body. ▪ Discharge to a surface water sewer, or other surface water system. ▪ Discharge to a combined sewer.	Construction Operation Decommissioning	Embedded	Outline Drainage Strategy
C119	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Culverts will be sized appropriately to the flow in the watercourse this is secured.	Construction	Embedded	Outline Drainage Strategy

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		Temporary culverts are not proposed for the River Ouse, main rivers, IDB watercourses, and WER water body line watercourses.			Design Parameters and Commitments Document
C120	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	If cables are to be removed from within the Avoidance Areas, the cable would be removed from outside the area.	Decommissioning	Embedded	oDEMP
C121	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	The Final Drainage Strategy will incorporate any compensation required for physical loss of any land drains to be confirmed at detailed design stage.	Construction	Embedded	Outline Drainage Strategy
C122	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Crossings will be designed and implemented to ensure they do not exacerbate flood risks within the Order Limits or on adjacent third-party land.	Construction	Embedded	Outline Drainage Strategy
C123	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Materials storage, machinery, welfare facilities and sensitive equipment would be located outside of the floodplain, as far as is practicable.	Construction	Embedded	oCEMP
C124	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Where Construction Compounds are needed to be placed within the floodplain, for example for trenchless solutions such as HDD, then flood warnings and additional processes will be established.	Construction	Embedded	oCEMP oFWEP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C125	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Water will be transported to the Site by road from the water source. This could be an existing repurposed surface or groundwater abstraction (either licensed or unlicensed supply), mains water, a private tankering supplier or from a private water abstraction source.	Construction Operation Decommissioning	Embedded	oCEMP oOEMP oDEMP
C126	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	A frac-out contingency plan will also be implemented which will include measures to prevent, contain and control the risk of frac-out including clean-up procedures.	Construction	Embedded	oCEMP
C127	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15] Outline Drainage Strategy [EN0110012/APP/LVS/06.03.15.04]	Foul water generated should be appropriately collected in- management will comprise either a sealed storage tanks cesspool or a small package treatment plant, subject to site-specific constraints and regularly emptied and disposed of environmental considerations. Where a cesspool is implemented, periodic off-site disposal will be undertaken by a licensed waste contractor in accordance with relevant regulatory requirements if a mains connection not possible. Should a package treatment plant be adopted as the preferred option, any discharge of treated effluent to ground or surface waters shall be required to comply with the Environment Agency's	Construction Operation Decommissioning	Embedded	Outline Drainage Strategy oCEMP oOEMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		General Binding Rules or else be subject to an environmental permit. Wastewater treatment systems shall be sited and constructed to avoid adverse effects on water sources and resources and be designed in accordance with the Building Regulations Approved Document H.			
C128	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15] Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	If groundwater control measures are required, construction dewatering would be designed and undertaken in line with the appropriate regulatory licenses and permits and would be non-consumptive. The detailed CEMP must provide the results of a proportionate assessment of impacts of dewatering undertaken once site-specific groundwater levels are established through -ground investigations.	Construction	Embedded	oCEMP
C129	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Environmental permits/consents will be obtained for any discharges, as required.	Construction	Embedded	oCEMP
C130	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Hydrogeological Impact Assessments will be undertaken as required.	Construction	Embedded	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C131	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15] Chapter 16: Other Environmental Matters – Fire Safety (ES Volume 1) [EN0110012/APP/LVS/06.01.16] Outline Drainage Strategy [EN0110012/APP/LVS/06.03.15.04]	The BESS drainage design will allow for fire water containment. Any fire fighting water sprayed would be directed to fire water storage areas for suitable disposal. Runoff to be contained within an impermeable, bunded lagoon and controlled via a penstock chamber. If an internal water-based fire suppression system is provided within each of the BESS enclosures, this will include a separate water supply, internal drainage system, and segregated fire water containment system which will be isolated from the site drainage network. If the BESS system does not incorporate an automatic fire suppression system and is designed to safely burn out to remove the risk of stranded energy in the battery systems, then full scale free burn testing will be conducted to demonstrate that loss will be safely limited to one enclosure without the intervention of the NYFRS. Testing of any water contained within the containment tanks following a fire would be carried out prior to the water being	Construction Operation Decommissioning	Embedded	oBSMP Outline Drainage Strategy Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.03]

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		<u>removed via tanker and treated off-site, ensuring it is handled in accordance with the relevant environmental legislation and best practice. If the BESS system does not incorporate an automatic fire suppression system and is designed to safely burn out to remove the risk of stranded energy in the battery systems, then full scale free burn testing will be conducted to demonstrate that loss will be safely limited to one enclosure without the intervention of the NYFRS.</u> <u>A secondary containment system will be provided on the external surface water drainage system, allowing isolation of the system and sufficient storage to contain any water used in the boundary cooling process. This may be achieved either within the surface water attenuation or through a separate containment system that would include a high-level overflow to the surface water system in the event of a concurrent rainfall and fire event. The BESS drainage system will be fully sealed (impermeably lined) to prevent infiltration.</u>			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		<u>Secondary containment systems may take the form of impermeable lagoon(s) or tanks. that are fitted with a Automated shut-off valves that are linked to the BESS fire alarm system will isolate the drainage network from the firewater containment system during a fire event. The BESS drainage system will be fully sealed. During standard operation, the self-actuating valves will be open to allow surface water runoff to discharge to the downstream network under normal operation. A manual back-up shut-off valve system allowing for redundancy will also be integrated. Regular checking and maintenance of drainage isolation devices associated with fire water containment will be undertaken to ensure they are operational when needed and not seized.</u> <u>Following a fire event, when safe to do so, samples of the contained firewater runoff will be taken by a suitably competent person and submitted to a UKAS accredited laboratory for analysis using UKAS and MCERTS accredited methods, where applicable. The samples will be analysed to determine the presence and concentration</u>			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		of contaminants and checked against the hazardous substances listed in the 'surface water pollution risk assessment for your environmental permit' guidance. The contained runoff will not be removed or discharged until the results have been reviewed and the appropriate disposal route is confirmed. In the event of contamination, the drainage isolation device will not be reopened until appropriate cleaning of the drainage system has been undertaken. The retained firewater will be disposed of by a licensed tanker off-site where contamination is confirmed, prior to the valve being manually re-opened to resume normal operation. Water levels and the available containment capacity will be monitored following an incident, taking into account forecast rainfall. Following an incident, sampling will be undertaken as soon as practical and, where the removal of retained firewater is required to maintain adequate available containment capacity prior to receipt of testing results, any contained water will be managed as potentially contaminated and removed by tanker for disposal. The			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		<u>detailed BSMP and drainage design will define any operational trigger levels and procedures for managing this residual risk. As the discharge of contaminated firewater to the environment is not permitted without an Environmental Permit, only water confirmed as uncontaminated and safe for release would be discharged in a controlled manner to the local drainage network. This approach ensures that environmental protection is maintained under both normal and emergency conditions. The requirement for such an Environmental Permit would be identified and progressed at detailed design once final drainage arrangements are confirmed, and prior to commencement of the regulated activity.</u> <u>There is also a possibility that a fire may coincide with a rainfall event. Any runoff emanating from the BESS Compound during or following a fire must be effectively contained and subsequently tested for contamination. The proposed containment system must therefore also be appropriately sized for the 1 in 100-year plus climate change design event to prevent the</u>			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		untreated discharge of contaminated firewater to surface or groundwaters. An appropriate containment volume will be agreed with North Yorkshire Fire and Rescue Service (NYFRS) during subsequent design stages. During normal operation, the BESS drainage system will discharge surface water in a controlled manner. The detailed drainage design will make provision for the containment of potentially contaminated runoff arising from a reasonable worst-case pollution incident, including a fire involving oil-filled electrical plant (e.g. transformers). The drainage network will also incorporate appropriate means of isolation to prevent the uncontrolled release of potentially contaminated water to surface or groundwaters, unless demonstrated to be safe following appropriate testing, applying the principles set out in paragraphs 5.4.11 – 5.4.12 of the Outline Drainage Strategy [EN0110012/APP/LVS/06.03.15.04]			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		<u>In the event of a reasonable worst-case scenario, such as a fire involving an oil-filled transformer, potentially contaminated firewater will be retained on-site. The required containment measures will be determined at detailed design through a risk-based assessment undertaken in accordance with relevant good practice, such as CIRIA C376 'Containment systems for the prevention of pollution'. The required firewater containment measures and capacity will be determined at detailed design, taking account of anticipated firewater volumes and available containment within the transformer bunds. Where available containment volumes are insufficient, additional containment will be provided.</u> <u>Within each of the BESS enclosures, either an internal water based fire suppression system will be provided or if the BESS system does not incorporate an automatic fire suppression system and is designed to safely burn out to remove the risk of stranded energy in the battery systems, then full scale free burn testing will be conducted to demonstrate that loss will be</u>			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		<u>safely limited to one enclosure without the intervention of the North Yorkshire Fire and Rescue Service. If an internal water-based fire suppression system is provided, this will include a separate water supply, internal drainage system, and segregated fire water containment system which will be isolated from the site drainage network. Segregation of the internal drainage systems will reduce the risk of contaminated fire water entering the wider drainage network in the event of a fire. Following a fire event, when safe to do so, samples of the contained firewater runoff will be taken by a suitably competent person and submitted to a UKAS accredited laboratory for analysis using UKAS and MCERTS accredited methods, where applicable. The samples will be analysed to determine the presence and concentration of contaminants. The contained runoff will not be removed or discharged until the results have been reviewed and the appropriate disposal route is confirmed. In the event of contamination, the drainage isolation device will not be reopened until appropriate cleaning of the drainage system has been undertaken. The retained firewater will be disposed of by a licensed</u>			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		<u>tanker off site where contamination is confirmed, ensuring it is handled in accordance with the relevant environmental legislation and best practice. As the discharge of contaminated firewater to the environment is not permitted without an Environmental Permit, only water confirmed as uncontaminated and safe for release would be discharged in a controlled manner to the local drainage network. The drainage system will not be returned to normal operation until any required cleaning has been completed.</u> <u>A secondary containment system will be provided within the surface water drainage network, enabling isolation of the system and provision of sufficient storage to contain water used during a fire event, including an allowance for boundary cooling. This will be achieved through use of a fully lined (sealed) drainage system, incorporating bunded containment measures and automated isolation devices (e.g. self-actuating valves linked to the fire alarm system), with manual back up drainage isolation device to ensure redundancy.</u>			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		<u>During normal operation, the BESS drainage system will discharge surface water in a controlled manner.</u> <u>For infrastructure with impermeable surfacing or where a higher pollution risk is present, such as the BESS, substations, and transformers, the drainage strategy incorporates appropriate containment, treatment and discharge controls, including oil-water separation and dedicated firewater retention systems. These measures ensure both pollution prevention and compliance with relevant environmental requirements under normal operational and emergency conditions.</u>			
C132	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Clay stanks or alternative impermeable material will be included at regular intervals along the length of the cable trench when passing close to Burr Closes SSSI, to minimise in-trench groundwater flow (i.e. to prevent the <u>pipeline</u> <u>cable trench</u> acting as a preferential flow path).	Construction	Embedded	Outline Drainage Strategy oCEMP
C133	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	BESS Enclosures may be fitted with an automated fire-suppression system or an alternative fire management system	Operation	Embedded	oBSMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	Chapter 16: Other Environmental Matters – Fire Safety (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	provided in accordance with best practice and guidance. Runoff emanating from the BESS areas would be effectively managed to prevent the untreated discharge of contaminated firewater to surface or groundwaters. An appropriate firewater treatment and/or containment plan to be implemented.			Outline Drainage Strategy
C134	Chapter 16: Other Environmental Matters – Arboriculture (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Extensive planting of native woodland blocks, native woodland belts and hedges with and without individual trees planted within them will be carried out across all seven Solar Development Sites as compensation for trees and hedges lost to the Proposed Development, and to enhance canopy cover and hedge provision across the Solar Development Sites.	Operation	Embedded	oLEMP Design Parameters and Commitment s
C135	Chapter 16: Other Environmental Matters – Arboriculture (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	An Arboricultural Method Statement will be produced before construction starts to guide sensitive works around trees, with provision for supervision by a qualified arboriculturist where necessary.	Construction	Embedded	oCEMP
C136	Chapter 16: Other Environmental Matters – Fire Safety (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	An emergency response plan will be prepared to incorporate all necessary emergency responses procedures and	Construction Operation	Embedded	oBSMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		actions based upon thermal runaway test data supplied by the BESS system provider.			
C137	Chapter 16: Other Environmental Matters – Solar Glare (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Notifying relevant airports of the dates/times in which yellow glare can occur.	Operation	Additional	oOEMP
C138	Chapter 16: Other Environmental Matters – Solar Glare (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Limited areas of planting may need to be undertaken prior to, or at the commencement of the construction phase to allow for sufficient growth ahead of the operational phase of the Proposed Development, subject to detailed design and remodelling of it.	Construction	Additional	oLEMP oCEMP
C139	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15] Chapter 16: Other Environmental Matters – Ground Conditions (ES Volume 1) [EN0110012/APP/LVS/06.01.16] Outline Construction Environmental Management	Ground investigation (GI)), including representative -geoenvironmental investigation will be undertaken to inform appropriate geotechnical design for foundations as well as drainage design, geoenvironmental risk assessment and aquifer protection measures are tailored to the specific geological/groundwater conditions. It will include sulphate testing to determine the concrete classification for the Proposed Development. GI will be carried out in accordance with the Environment Agency's Land contamination risk	Construction	Embedded	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	Plan (oCEMP) [EN0110012/APP/LVS/07.02]	management (LCRM) guidance and BS10175:2026. Areas of historic ground working will be avoided or investigated and remediated where necessary. Areas of historic ground working will be avoided or investigated and remediated where necessary.			
C140	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	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.	Construction Decommissioning Operation	Embedded	oCEMP oDEMP oOEMP
C141	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Hold regular liaison meetings with other high risk construction sites within 250 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 Operation	Embedded	oCEMP oDEMP oOEMP
C142	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Ensure an adequate water supply on the site for effective dust/ particulate matter suppression/ mitigation, using non-potable water where practicable and appropriate	Construction Decommissioning Operation	Embedded	oCEMP oDEMP oOEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C143	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Erect solid screens or barriers around dusty activities or the Solar Development Sites that are at least as high as any stockpiles on site.	Construction Decommissioning Operation	Embedded	oCEMP oDEMP oOEMP
C144	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Remove materials that have a potential to produce dust from the site as soon as possible, unless being re-used on site.	Construction Decommissioning Operation	Embedded	oCEMP oDEMP oOEMP
C145	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques, such as water sprays or local extraction.	Construction Decommissioning Operation	Embedded	oCEMP oDEMP oOEMP
C146	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Use enclosed chutes and conveyors and covered skips.	Construction Decommissioning Operation	Embedded	oCEMP oDEMP oOEMP
C147	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use the fine water sprays on such equipment wherever appropriate	Construction Decommissioning Operation	Embedded	oCEMP oDEMP oOEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C148	Chapter 16 Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Increase the frequency of site inspections by the person accountable for air quality and dust issues on site when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions.	Construction Decommissioning Operation	Embedded	oCEMP oDEMP oOEMP
C149	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Undertake daily inspection, where receptors (including roads) are nearby, to monitor dust, record inspection results, and make the log available to the local authority when asked.	Construction Decommissioning	Embedded	oCEMP oDEMP
C150	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Undertake on-site and off-site inspection (particularly during replacement works notwithstanding replacement activities on SDS 1 will be limited to the breeding period between April to August within the southern portion of the solar array area), where receptors (including roads) are nearby, to monitor dust, record inspection results and make the log available to the Local Authority when asked.	Operation	Embedded	oCEMP oDEMP
C151	Chapter 16: Other Environmental Matters – Ground (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable.	Construction Decommissioning	Embedded	oCEMP oDEMP

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C152	Chapter 16: Other Environmental Matters – Ground (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	Use Hessian, mulches or trackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable	Construction Decommissioning	Embedded	oCEMP oDEMP
C153	Chapter 16: Other Environmental Matters – Air Quality/Dust (ES Volume 1) [EN0110012/APP/LVS/06.01.16]	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	Embedded	oCEMP oDEMP
C154	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Areas of historic ground working will be avoided or investigated and remediated where necessary.	Construction	Embedded	oCEMP
C155	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Cables are to be PFAS free where practicable, and fluid-filled cables will not be used	Construction	Embedded	oCEMP
C156	Chapter 15: Water Resources and Flood Risk (ES Volume 1) [EN0110012/APP/LVS/06.01.15]	Containment measures to be used for all curing, mixing and pouring of concrete on-site, such as lined pit or bunded areas. A control at source approach is to be adopted. Work is to be minimised during heavy rainfall and to be scheduled for dry periods where practicable.	Construction	Embedded	oCEMP
C157	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Post-consent condition surveys (pre- and post-construction) of EA assets subject to cable crossings will be undertaken to inform the methodology for these crossings (the	Construction	Additional	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		detail of which will be approved pursuant to the EA's Protective Provisions).			
C158	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	At the detailed stage the design of the Cable Route Corridor/construction methodology will be completed in such a way that any pre-existing piled foundations (including under flood defences) are not disrupted.	Construction	Embedded	oCEMP
C159	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Where new temporary access points are created during construction the land required will be reinstated to its prior condition, as far as practicable once the construction period is complete.	Construction	Embedded	oCEMP
C160	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Where practicable a means of cable construction will be used which best enables the removal of underground cabling should this ultimately be the preferred environmental option at the time of decommissioning.	Construction	Embedded	oCEMP
C161	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Any works relating to Horizontal Directional Drilling (HDD) activities will be undertaken in line with a Method Statement which will be developed in consultation with Natural England and the EA. Consultation with the EA and Natural England on the timings and construction methodology of construction in the vicinity of the River Ouse and Selby	Construction	Embedded	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		Dam will be undertaken, specifically to identify works outside of sensitive migratory periods for lamprey, European eel, Atlantic salmon and sea trout. The timing of avoidance periods should be agreed in consultation with the EA. HDD under the River Ouse will be undertaken between July and September, unless otherwise agreed with the EA, to avoid sensitive times for fish.			
C162	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Construction personnel will be provided with briefings and toolbox talks which will identify visual and olfactory indicators of contamination and the need to implement protocols when these are encountered.	Construction	Additional	oCEMP
C163	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	The design and installation of temporary crossings and culvert structures on Selby Dam and Habholme Dyke, if required, will ensure that fish passage is maintained for the duration of construction. Temporary watercourse crossing designs will facilitate the free movement of fish across a range of flow conditions and will seek to maintain, as far as practicable, the existing aquatic habitats and underlying fluvial geomorphological processes that influence habitat distribution and quality within both watercourses.	Construction	Embedded	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C164	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Any replacement culverts over Selby Dam, or newly created culverts over ditches within the Order Limits (which are of low/negligible value to otter) will be designed to ensure they allow for passage of mammals.	Construction	Embedded	oCEMP
C165	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Should permanent culverts be required, these would be designed to allow the free passage/migration of mobile aquatic/riparian ecological receptors, including but not limited to fish and water vole as per C786 guidance. Mitigation measures in relation to fish passage during the construction of temporary and permanent culverts on minor drains with the potential to support fish will be consulted upon with the EA with full details to be included in the detailed CEMP.	Construction	Embedded	oCEMP
C154 C166	Outline Decommissioning Environmental Management Plan (oDEMP) [EN0110012/APP/LVS/07.04]	Appropriate mitigation will be applied to impermeable structures (including clay stanks) where removal of cabling is taken forward to prevent new preferential flows paths from being created. Mitigation measures will be confirmed in the detailed DEMP.	Decommissioning	Embedded	oDEMP
C155 C167	Outline Decommissioning Environmental Management Plan	Otter	Decommissioning	Embedded	oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	(oDEMP) [EN0110012/APP/LVS/07.04]	A pre-commencement otter survey will be conducted at least three months prior to the start of decommissioning works. Precautionary Working Methods (PWMs) will be adopted. Water Vole An updated suite of water vole surveys of the Order Limits will be conducted in the suitable season (one survey April to June, one survey July to September) prior to the start of decommissioning works. Should water vole be confirmed within the ditches where work is required, a Natural England licence will be procured which would include relevant mitigation measures. Precautionary Working Methods (PWMs) will be adopted.			
C156 C168	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	A detailed PSRP will be developed following the appointment of the Contractor(s), prior to the start of construction and will be subject to review and comment by the Environment Agency (EA). The PSRP will be updated during the operation and decommissioning phases of the Proposed Development. This will be largely in accordance with the outline plan. The EA Pollution Prevention Guidance	Construction Operation Decommissioning	Embedded	oCEMP oOEMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		(PPG) (2007) will also be adopted and will inform pollution prevention controls as part of the detailed CEMP(s) (it is understood by the Applicant that the PPG are withdrawn). The Pollution Prevention for Businesses guidance will be followed			
C157 C169	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Should any works be required in an area where English bluebells have been recorded, the bluebells will be translocated to an area outside of construction workings prior to the start of the works.	Construction	Additional	oCEMP
C158 C170	Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.02]	Wheel washing facilities will be provided at each access point only where there is a reasonable risk of mud or debris being tracked onto the public highway and will take place on entry to and egress from the Site. The requirement for, and location of, such facilities will be confirmed at detailed design stage within the detailed OEMP based on ground conditions, planned activities, and seasonal factors. Internal access roads within Solar Development Sites will be of permeable construction and areas of exposed soil will be minimised, reducing the potential for mud to be transferred to vehicle wheels.	Operation	Embedded	oOEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		Where implemented, wheel washing activities will be undertaken in a designated impermeable area which is bunded to prevent runoff. Rumble strips or dry brushing will be used to minimise water use. Wash water will either be disposed of off-site by a licensed contractor or directed to a permanent drainage system incorporating appropriate treatment measures for suspended solids, which may include SuDS components and silt management measures. The method of containment, treatment (where required) and disposal will be confirmed at detailed design stage within the detailed OEMP. Where SuDS are used, these will be designed to provide sufficient treatment for suspended sediment, metals and hydrocarbons. Where wheel washing is not required, visual inspection of vehicles will be undertaken before they depart the Site, to ensure that mud and debris is not carried onto the highway.			
C159 C171	Outline Construction Environmental Management Plan	The detailed CEMP will include mitigation measures to ensure no significant effects on dog kennels and horse stables/liveries	Construction	Additional	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	(oCEMP) [EN0110012/APP/LVS/07.02]	(including Woodhaven Kennels) . The detailed CEMP will include mitigation measures to ensure no significant effects on Woodhaven Kennels and the horse liveryes in the vicinity of the Proposed Development. The detailed CEMP will also include relevant measures from the British Horse Society advice note on Construction Sites and Horses, as appropriate for the works in question and the surrounding environment to ensure no significant effects on horses along PRow.			
C160 C172	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	The detailed CEMP will include details on fuel and oil storage and disposal of water from concrete during construction in line with the Oil Storage Regulations for Business and disposal of water from concrete during construction.	Construction	Embedded	oCEMP
C161 C173	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02] Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.03]	All oils, fuels and other potentially polluting substances stored and used during construction, operation and decommissioning will be managed in accordance with relevant best practice and guidance, including Pollution prevention for businesses (GOV.UK) and Storing oil at your home or business (GOV.UK). Measures will include:	Construction Operation Decommissioning	Embedded	oCEMP oOEMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	Outline Decommissioning Environmental Management Plan (oDEMP) [EN0110012/APP/LVS/07.04]	- Storage of fuels, oils and chemicals within appropriate secondary containment systems (e.g. bunds or drip trays); - Use of bunded or double-skinned tanks where required; - Siting of storage areas away from watercourses, drains and sensitive receptors where practicable; - Use of impermeable surfaces and, where appropriate, covered storage areas; - Implementation of spill response procedures, including availability of spill kits; and - Regular inspection and maintenance of storage containers and associated infrastructure. The detailed CEMP, OEMP and DEMP will include measures for the storage and handling of fuels, oils and other potentially polluting substances, and for the safe management and disposal of concrete washout water to prevent pollution, in accordance with relevant guidance.			

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C162 C174	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Bankside habitats will be reinstated. Specific reinstatement methods will be confirmed in the detailed CEMP, which may include measures such as sowing of species rich sward.	Construction	Embedded	oCEMP
C163 C175	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02] Shadow Habitat Regulations Assessment [EN0110012/APP/LVS/05.11]	* Percussive piling is not anticipated to be used within Solar Development Site 1, but if found to be needed it would not be used during the non-breeding bird period and will be constrained to the breeding bird period only (April to August inclusive).	Construction	Embedded	oCEMP sHRA
C176	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	The Community Liaison Officer (or alternative) will engage specifically with Field House Farm to ensure that impacts to that business are managed. The Community Liaison Officer (or alternative) will manage interactions with Field House Farm including construction traffic movements. The Community Liaison Officer (or alternative) will engage with and manage interactions at those locations impacted by construction traffic activities, including for example Field House Farm.	Construction	Additional	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		engage with Field House Farm in respect of managing construction traffic movements, including exploring improvements to the access track if this is ultimately required access track adjacent to Field House Farm (associated with the use of access CA2), if engagement with Field House Farm indicates that this is necessary.			
relevant measures from the, as appropriate for the works in question and the surrounding environment.	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	A Water Discharge Activity Permit will be acquired, as necessary.	Construction	Additional	oCEMP
C177	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Localised changes to ground levels will only be undertaken where necessary for the safe and effective installation of infrastructure. Any proposed changes will be assessed through detailed design to confirm that	Construction	Additional	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		existing overland flow routes will remain functional and that flood risk will not be increased elsewhere. The location, extent and associated mitigation for any such changes will be set out in the detailed CEMP prior to the relevant works commencing.			
C178	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Temporary drainage measures will be implemented to control runoff rates, with flows restricted to levels equivalent to greenfield conditions where practicable. Construction areas will be designed to prevent overland flow entering watercourses and to avoid the accumulation of standing water which could mobilise contaminants. Measures such as bunding, settlement lagoons, sediment traps and grass filter strips will be implemented where there is a risk of sediment-laden runoff entering the water environment, and spill kits will be available to ensure any accidental releases of fuels, oils or other hazardous materials are promptly contained.	Construction	Additional	oCEMP
C179	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	During construction of substations and the BESS compound, temporary drainage and pollution control measures will be implemented to manage runoff from these	Construction	Additional	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		areas prior to the permanent drainage system becoming operational. Where practical, elements of the permanent drainage system will be constructed at an early stage of the works to reduce the duration over which temporary measures are required.			
C180	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Measures will be implemented to protect groundwater and control sources of contamination within construction compounds. This may include the use of non-permeable matting systems, such as a 'Durabase Mat System' or equivalent non-ground penetrating solutions, in areas of increased risk, including where superficial deposits are absent. Construction activities involving potentially polluting materials, including concrete, will be carefully managed to reduce risks to the water environment, including through appropriate timing of works and implementation of standard good practice measures.	Construction	Additional	oCEMP
C181	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	In the absence of mains sewer connections, temporary foul flows will be managed via a sealed non-mains drainage solution, comprising either a cesspool or package treatment plant subject to detailed design. Where required, off-site disposal will be	Construction	Embedded	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		undertaken by a licensed contractor, or treated effluent will be discharged in accordance with the Environment Agency's General Binding Rules or an environmental permit. Systems will be designed to avoid impacts on water resources and located outside areas of flood risk, as confirmed by the Flood Risk Assessment.			
C182	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	The Applicant has engaged with the EA regarding interfaces with EA-managed assets, including the River Ouse and the associated set-back flood defences located to the north of Wistow Lordship. All necessary permissions via the EA's Protective Provisions will be secured in advance of any works beneath these features. The cables will be installed using trenchless construction techniques to minimise disturbance in these locations, and both pre- and post-construction condition surveys will be undertaken to ensure the integrity of the flood defence infrastructure including EA flood defence assets is maintained. During the works the condition of the defences will be monitored to ensure their integrity. A contingency plan for if embankments become damaged or	Construction	Embedded	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		start to collapse during works will be produced prior to works commencing.			
C183	Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.03]	The replacement of infrastructure, will be undertaken, where practicable and relevant, utilising the same principles to control noise outlined in the Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02] and accounting for the noise sensitive receptors which exists at that time. This will include: ▪ Best Practicable Means (BPM) to be applied during replacement works to minimise noise and vibration at Noise Sensitive Receptors (NSRs), including neighbouring residential properties and other sensitive receptors; ▪ Where practicable, consideration of the routing of replacement traffic routes to take account of noise sensitive receptors; ▪ Consideration of the location of site compounds (if required); and ▪ Programming activities such that deliveries are undertaken during daytime hours only.	Operation	Embedded	oOEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
C184	Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.03]	Breeding and non-breeding bird surveys would be undertaken in accordance with the oLEMP [EN0110012/APP/07.05] and oBMAMP [EN0110012/APP/LVS/07.19], which will inform actions required prior of any replacement works to account for seasonality constraints and to allow time for the implementation of any necessary mitigation, prior to replacement.	Operation	Embedded	oOEMP
C185	Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.03]	Maintenance and inspection of infrastructure located within the floodplain, including any voided structures intended to facilitate the passage of flood flows. This will include routine inspections and inspections following flood events to identify and remove debris where necessary, maintaining flood flow paths and reducing the risk of debris accumulation affecting flood risk elsewhere.	Operation	Additional	oOEMP
C186	Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.03]	Following significant rainfall events, visual inspections will be undertaken to identify any erosion, sediment deposition or damage to drainage features, and remedial works will be implemented where necessary to maintain system performance. Additional inspections shall be undertaken following flood events or other extreme weather conditions to identify damage and remove	Operation	Additional	oOEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		debris where necessary to maintain flood conveyance and ensure flood risk is not increased.			
C187	Outline Decommissioning Environmental Management Plan (oDEMP) [EN0110012/APP/LVS/07.04]	Best practice pollution prevention measures will be implemented for the storage and handling of materials. Fuels, oils and chemicals will be stored in integrally bundled above-ground tanks compliant with the Oil Storage Regulations, with secondary containment designed to accommodate a minimum of 110% of the storage volume. Storage areas will be covered to prevent rainwater ingress and should avoid areas susceptible to flooding and be located away from watercourses, drains and sensitive receptors where practicable. There will be regular inspection and maintenance of storage containers and associated infrastructure. Refuelling will be undertaken within designated areas of decommissioning compounds, with spill kits, drip trays and other containment measures available at fuelling points and on plant to enable rapid response to any accidental releases. Additional containment measures, such as bundled or lined areas, will be used for activities including the mixing, curing and	Decommissioning	Embedded	oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		pouring of concrete, adopting a control-at-source approach. Where required, oil interceptors and other appropriate drainage controls will be incorporated to prevent contamination of surface water.			
C188	Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.03]	If replacement activities are expected to generate more than 12 HGV movements at a Solar Development Site a reassessment of the transport impacts should be carried out and any appropriate mitigation measures developed and notified to North Yorkshire Council, with such notification demonstrating that effects associated with replacement traffic movements would associated with replacement traffic movements would not lead to significant effects in EIA terms. The overall responsibility will be with the applicant. Specific responsibilities will be confirmed in the detailed OEMP(s), detailed PRow Management Plan and detailed LEMP. The detailed OEMP(s) will include a requirement for the Site Manager to record HGV movements during replacement	Operation	Embedded	oOEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		activities. . These monitoring records shall be retained and made available to the Local Highway Authority on request. [P			
C189	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Construction will halt following the potential discovery of a protected species or evidence of a protected species (e.g. burrows) and the ECoW will be consulted. Construction will only re-commence following successful application for a species mitigation licence or when suitable mitigation is in place as advised by the ECoW. Any ecological incidents will be immediately reported by the ECoW/site personnel to the main contractor, and where appropriate the relevant authoritative body (North Yorkshire Council, Environment Agency or Natural England).	Construction	Additional	oCEMP
C190	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	Site check will be completed periodically by the site manager or a suitable delegate during the construction phase to ensure compliance with requirements of the CEMP	Construction	Additional	oCEMP
C191	Outline Construction Environmental Management Plan	Silt fencing will be used strategically (i.e. within overland flow paths) at watercourse	Construction	Additional	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
	(oCEMP) [EN0110012/APP/LVS/07.02]	crossings where required to minimise sediment pollution to watercourses.			
C192	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	No construction within the commuting corridors will be undertaken including the newly created corridors through the centre of the Solar Development Sites and also the buffer zones around retained boundary habitat such as ditches and hedgerows. , with the corridors comprising The corridors will comprise retrained and created habitat only, managed sympathetically for wildlife. The commuting corridors will join to one another, to important habitat within the order limits, and to habitats outside the order limits. The only works to be undertaken within the corridors during operation of the Proposed Development is habitat and ditch management.	Construction	Embedded	oCEMP
C193	Outline Construction Traffic Management Plan (oCTMP) [EN0110012/APP/LVS/07.12]	A Community Liaison Group will be set up in accordance with the relevant DCO requirement prior to construction and will continue through until final commissioning of the Proposed Development as a formal forum for local issues to be raised. The Community Liaison Officer will be appointed to lead discussions with local communities	Construction	Additional	oCTMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		and also act as the primary point of contact should there be any queries or complaints. The Applicant will seek (as it cannot force others to attend) to establish a Traffic Liaison Group that will involve inviting representatives from North Yorkshire Council, National Highways and the promoters of the developments identified in the Interrelationships Report (where it is identified, at the start of construction, that the developments will overlap in respect of construction timing and routing) submitted into the Examination to attend. The Traffic Liaison Group would seek to manage and co-ordinate the delivery of the schemes in order to minimise and mitigate the combined impact of construction traffic, (including AIL movements). This will include seeking to agree a co-ordinated approach to road remediation where multiple scheme HGVs use the same road.			
C194	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02]	The Applicant will seek (as it cannot force others to attend) to establish a construction working group, that will involve inviting representatives from North Yorkshire Council and the promoters of the	Construction	Additional	oCEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism
		developments identified in the Interrelationship Report submitted into the Examination to attend. The working group will seek to co-ordinate construction activities, programmes and mitigation measures, as reasonably practicable, to minimise cumulative impacts to the local community. As construction develops, NYC will be able to suggest other attendees for this group, whom the Applicant must then invite to participate in the group.			
C195	Outline Construction Environmental Management Plan (oCEMP) [EN0110012/APP/LVS/07.02] Outline Operational Environmental Management Plan (oOEMP) [EN0110012/APP/LVS/07.03] Outline Decommissioning Environmental Management Plan (oDEMP) [EN0110012/APP/LVS/07.04]	The Applicant will provide arrangements for Sherburn Aerodrome fire and rescue service, or North Yorkshire Fire & Rescue Service on their behalf, to gain access to the Site in the event of an aircraft incident.	Construction Operation Decommissioning	Additional	oCEMP oOEMP oDEMP

Commitment ref no.	ES document/ Management Plan Examination Updates	Commitment	Project phase	Embedded or additional mitigation	Securing mechanism

References

- Ref 1 Planning Inspectorate (2025), “Nationally Significant Infrastructure Projects – Guidance: Nationally Significant Infrastructure Projects: Commitments Register,” [Online]. Available at: <https://www.gov.uk/guidance/nationally-significant-infrastructure-projects-commitments-register> [Accessed January 2026]



Light Valley
Solar

W: Lightvalleysolar.co.uk
E: info@lightvalleysolar.co.uk