Rosefield Solar Farm

Commitments Register (Clean)

EN010158/APP/6.4.2
Revision 2
Deadline 1
March 2026
Rosefield Solar Farm Ltd

APFP Regulation 5(2)(a)
Planning Act 2008
Infrastructure Planning
(Applications: Prescribed Forms
and Procedure) Regulations 2009

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1. Introduction

1.1. Purpose of this document

1.1.1. This document has been updated at Deadline 1 in response to the Relevant Representations received from the Environment Agency. The document references have not been updated from the original submission. Please refer to the **Guide to the Application [EN010158/APP/1.2.6]** for the list of current versions of documents.

1.1.2. This Commitments Register has been prepared on behalf of Rosefield Energyfarm Limited ('the Applicant') to track commitments made by the Applicant in relation to the Development Consent Order (DCO) application for the construction, operation (including maintenance), and decommissioning of Rosefield Solar Farm (hereafter referred to as the 'Proposed Development').

1.1.3. This Commitment Register follows the format and structure advised in the Nationally Significant Infrastructure Projects: Commitments Register guidance **[Ref. 1]**.

1.2. The Order Limits

1.2.1. The extent of the Order Limits are shown in **Location, Order Limits and Grid Coordinate Plans [EN010158/APP/2.1]** and the Proposed Development is described in full in **ES Volume 1, Chapter 3: Proposed Development Description [EN010158/APP/6.1]** and shown spatially on the **Works Plans [EN010158/APP/2.3].**

1.3. The Proposed Development

1.3.1. The Proposed Development comprises the construction, operation (including maintenance), and decommissioning of solar photovoltaic ('PV') development and energy storage, together with associated infrastructure and an underground cable connection to the National Grid East Claydon Substation.

1.3.2. The Proposed Development would include a generating station with a total exporting capacity exceeding 50 megawatts ('MW').

1.3.3. The location of the Proposed Development is shown on **ES Volume 3, Figure 1.1: Location Plan [EN010158/APP/6.3]**. The Proposed Development would be located within the Order Limits (the land shown on the **Works Plans [EN010158/APP/2.3]** within which the Proposed Development can be carried out). The Order Limits plan is provided as **ES Volume 3, Figure 1.2: Order Limits [EN010158/APP/6.3]**. Land within the Order Limits is known as the 'Site'.

2. Commitments Register

Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic											Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
1	The normal (or core) hours of working on any part of the Proposed Development during the construction and decommissioning period will be: • 7am to 7pm Mondays to Fridays; • 7am to 12pm on Saturdays. The following controls will also apply to the works: • No work would be undertaken on Sundays or Bank Holidays without prior agreement with Local Planning Authority as the host Local Planning Authority. • Working days would consist of one 12-hour shift, with employees travelling to and from Site an hour on either side of these times (i.e. between 6am - 7am and 7pm - 8pm) • Where onsite works are to be conducted outside the core working hours, they will comply with the restrictions pursuant to the DCO consenting process. • Between 07:00 - 08:00 and 18:00 - 19:00 Monday to Friday and 07:00 – 08:00 on Saturdays, noisier activities (such as piling) would be restricted depending on the construction activity proposed to take place and its proximity to sensitive receptors	N/A	C D				**X**				**X**			**Outline Construction Environmental Management Plan (Outline CEMP) [EN010158/APP/7.2]** **Outline Decommissioning Environmental Plan (Outline DEMP) [EN01058/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.12]** **Environmental Statement (ES) Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9 **ES Volume 2, Chapter 13: Noise and Vibration [EN010158/APP/6.2],** Section 13.6	
2	All construction lighting will be deployed in accordance with the following recommendations to prevent	N/A	C D		**X**			**X**							**Outline CEMP [EN010158/APP/7.2]**	Construction and decommissioning	**Outline CEMP [EN010158/APP/7.2]**	

Key:
PC = Pre-construction, C= Construction, O = Operation (including Maintenance), D= Decommissioning

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	or reduce the impact on human and ecological receptors: • The use of lighting will be minimised to that required for safe Site operations; • Lighting will conform to best practice guidelines with respect to minimising light spill into adjacent ecologically sensitive habitats and minimise disturbance to bats and other species during construction; • Lighting will utilise directional fittings to minimise outward light spill and glare (e.g. via use of light hoods/cowls which direct light below the horizontal plane, preferably at an angle greater than 20° from horizontal); and Lighting will be directed towards the interior of the Order limits rather than towards the boundaries; and • Security lighting would use Passive Infra-red Detector (PID) systems to avoid impacts to sensitive ecological species such as bats, otters and badgers.														**Outline DEMP [EN010158/APP/7.4]**	by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]** **Outline Landscape and Ecological Management Plan (LEMP) [EN010158/APP/7.6]**	
3	Noise thresholds have been identified for nearby sensitive receptors during construction and decommissioning, presented in **ES Volume 2, Chapter 13: Noise and Vibration [EN010158/APP/6.2]** (and based off Annex E of BS5228-1), and the applicable noise thresholds will be defined in each of the detailed CEMP(s). Thus, where onsite works are to be conducted outside of the core working hours, they will comply with any restrictions agreed with the	N/A	C D											**X**	**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN01058/APP/7.4]** **ES Volume 2, Chapter 13: Noise and Vibration [EN010158/APP/6.2],** Section 13.6	

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	relevant planning authority and reflected in the detailed CEMP(s), in particular regarding the control of noise and traffic. Compliance with these noise limits will ensure adverse effects are unlikely. Abnormal or emergency construction traffic movements may occur outside of normal working hours. In the event of these occurrences, specific noise mitigation measure will be put in place to reduce potential noise impacts at nearby noise sensitive receptors.																		
4	Activities such as trenchless/Horizontal Directional Drilling and Abnormal Indivisible Load (AIL) deliveries could be required outside of the assumed day-time construction hours (i.e. evening, Sundays, Bank Holidays or at night). These works and any associated mitigation measures will be agreed upon with the relevant planning authority prior to these works.	N/A	C D								**X**					**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN01058/APP/7.4]** **ES Volume 2, Chapter 13: Noise and Vibration [EN010158/APP/6.2],** Section 13.6	
5	If night-time operation is required, the closest residents to the works shall be notified of the start and completion of the works. The horizontal directional drilling plant would be installed and operated such that noise levels do not exceed a level of 35dB LA_{eq} at the closest neighbouring noise-sensitive locations during night-time operation of equipment as secured in the **Draft Development Consent Order [EN010158/APP/3.1]**. Depending on the plant used, location, pit depth, etc., this may require the use of acoustic screening using temporary	N/A	C								**X**					**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.2]** **ES Volume 2, Chapter 13: Noise and Vibration [EN010158/APP/6.2],** Section 13.6	

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	solid barriers with a height of at least that of the drilling equipment located in proximity (around 10m or less) of the trenchless drilling work.																	
6	Monitoring and reporting of requirements in the CEMP.	Monitoring and reporting will be undertaken for the duration of the construction phase in order to demonstrate the effectiveness of the requirements and measures set out in the detailed CEMP(s) and related construction controls and allow for corrective action to be taken where necessary.	C	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.2]**	
7		As part of the monitoring process the designated Environmental Manager will be present onsite throughout the construction phase and when new activities are commencing. The Environmental Manager will conduct weekly Site inspections, monthly compliance check against the environmental management system including management plans and monitoring. They will also conduct a management system audit in line with the project management plan, engage with senior leadership in line with the project management plan and record assurance activities in line with the contractor's	C	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.2]**	

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		management system; including reporting and analysing data, trends and improvements to the management system.																
8		The Principal Contractor will be informed of any deviations from the detailed CEMP as soon as possible following identification of such issues, and if required further follow up will be sought. The Environmental Manager would also act as day-to-day contact with relevant local authorities and other regulatory agencies such as the Environment Agency.	C	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.2]**	
9		The Environmental Manager will conduct walkover surveys to ensure all requirements of the detailed CEMP(s) are being met. Action from these surveys will be documents on an Environmental Action Schedule, discussed with the Site Manager for programming requirements and issued weekly for actioning.	C	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.2]**	
10		The Environmental Manager will also arrange regular formal inspections and audits to ensure the requirements of the detailed CEMP(s) are being met. Details of monitoring, inspection and audits to be undertaken will	C	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.2]**	

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		be provided in the detailed CEMP(s). After completion of the works, the Environmental Manager will conduct a final review.																
11	The detailed CEMP(s) will be updated if it is necessary to add additional control measures, with a full review as required throughout the construction period. Existing control measures and mitigation will not be amended without prior agreement with Local Planning Authority.	N/A	C	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**Outline CEMP [EN010158/APP/7.2]**	
12	Rosefield Substation, BESS, Collector Compounds, Standalone Inverter, Transformer and Switchgear and ITS (part of the balance of solar system plant comprised in Work No. 1) will be offset a minimum distance of 50m from all existing residential properties.	N/A	PC	**X**				**X**							**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.7 **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
13	Perimeter fencing surrounding the Solar PV development will be offset at least 30m from existing statutory and locally designated wildlife sites.	N/A	PC C D	**X**	**X**										**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.7 **ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 2, Chapter 10: Landscape and Visual**	

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																		[EN010158/APP/6.2], Section 10.7	
14	Perimeter fencing surrounding the Solar PV development will be offset at least 30m from existing ancient woodlands.	N/A	PC C D	**X**	**X**											**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.7 **ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7	
15	Perimeter fencing surrounding the Solar PV development will be offset at least 20m from all other existing woodlands, including HS2 planting.	N/A	PC C D	**X**	**X**			**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.7 **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
16	Perimeter fencing surrounding the Solar PV development will be offset at least 10m either side from all existing hedgerows as far as reasonably practicable, except where a hedgerow crossing is required for access tracks and/or cable routes.	N/A	PC C D	**X**	**X**			**X**				**X**				**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.7 **ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 2, Chapter 10: Landscape and Visual**	

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																		[EN010158/APP/6.2], Section 10.7 **ES Volume 2,Chapter 12: Population [EN010158/APP/6.2],** Section 14.7	
17	Principal components of the Proposed Development will avoid root protection areas of trees and hedgerows as far as reasonably practicable, except where a hedgerow crossing is required for access tracks and/or cable routes.	N/A	PC	**X**	**X**			**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.7 **ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 3, Figure 3.5: Zonal Masterplan [EN010158/APP/6.3]** **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]** **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2]**, Section 10.10	
18	Perimeter fencing surrounding the Solar PV development will be offset at least 10m from either side of existing PRoW.	N/A	PC	**X**		**X**						**X**				**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.7 **ES Volume 2, Chapter 10:**	

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																		Landscape and Visual [EN010158/APP/6.2], Section 10.7 **ES Volume 2,Chapter 12: Population [EN010158/APP/6.2],** Section 14.7	
19	Construction traffic routes are planned to avoid passing sensitive villages (Botolph Claydon) and residential receptors where possible.	N/A	C D	**X**			**X**						**X**			**Outline Construction Traffic Management Plan (Outline CTMP) [EN010158/APP/7.5]** **Outline DEMP [EN010158/APP/7.4]** **Streets, Rights of Way and Access Plans [EN010158/APP/2.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.7 **ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9 **ES Volume 2, Chapter 15: Transport and Access [EN010158/APP/6.2],** Section 15.7	
20	Develop and implement a stakeholder communications plan that includes community engagement before work commences on Site.	N/A	PC C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Pre-construction by the Principal Contractor and Communications team.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
21	Display the name and contact details of people accountable for air quality and dust issues with respect to the Proposed Development at the Main Construction Compound. This may be the Environmental Manager/engineer or the Site Manager.	N/A	C O D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline Operational Environmental Management Plan (Outline OEMP) [EN010158/APP/7.3]**	Construction, operation and decommissioning by the Principal Contractor and the Operations Team.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	

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																Outline DEMP [EN010158/APP/7.4]			
22	Implement a Construction Environmental Management Plan, which includes measures to control all emissions, approved by the Local Planning Authority.	N/A	C	**X**												**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
23	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.	N/A	C O D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Construction, operation and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
24	Make the complaints log available to the Local Planning Authority when asked.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
25	Record any exceptional incidents that cause dust and/or air emissions, either on or off Site and the action taken to resolve the situation in the logbook.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
26	On-site and off-site inspections to monitor dust.	Undertake regular on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust, record inspection results, and make the log available to the Local Planning Authority when asked. Monitoring will, where possible, should include regular dust soiling checks of surfaces such as street furniture, cars and windowsills within 100m of	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	

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		the Order Limits in agreement with the relevant homeowners/ landowners.																	
27	Monitor compliance with the CEMP.	Carry out regular Site inspections to monitor compliance with the Construction Environmental Management Plan, record inspection results, and make an inspection log available to the Local Planning Authority when asked.	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
28	Frequency of Site inspections for dust.	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	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
29	Continuous monitoring locations.	During the construction and decommissioning phases, agree dust deposition, dust flux, or real-time PM10 continuous monitoring locations with the Local Planning Authority. Where possible, commence baseline monitoring at least three months before work commences on Site.	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
30	Plan the Site layout so that machinery and dust causing activities are located away from sensitive receptors, as far as is possible.	N/A	PC C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Pre-construction, construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	

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31	Erect solid screens or barriers around activities where there is a high potential for dust production.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
32	Avoid runoff of water or mud from the Site. This may include measures such as diverting run-off, installing sediment traps and/or swales.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
33	Keep Site fencing, barriers and scaffolding clean.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
34	Remove materials that have a potential to produce dust from Site as soon as possible, unless being re-used on Site. If they are being re-used on Site cover as described below.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
35	Cover seed or fence stockpiles to prevent wind whipping.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
36	Ensure all vehicles switch off engines when stationary - no idling vehicles.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
37	Impose and signpost a maximum speed limit of 15 mph on surfaced and 10 mph on unsurfaced haul roads and work areas.	N/A	C D	**X**									**X**			**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
38	Implement a Travel Plan that supports and encourages sustainable travel.	N/A	C D	**X**									**X**			**Outline CEMP [EN010158/APP/7.2]**	Construction and Decommissioning	**ES Volume 2, Chapter 6: Air Quality**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
																Outline DEMP [EN010158/APP/7.4] **Outline CTMP [EN010158/APP/7.5]**	by the Principal Contractor.	**[EN010158/APP/6.2],** Section 6.9	
39	Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g. suitable local exhaust ventilation systems.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
40	Ensure an adequate water supply on the Site for effective dust/particulate matter suppression/ mitigation, using non-potable water where possible and appropriate.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
41	Use enclosed chutes and conveyors, and covered skips.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
42	Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
43	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.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
44	Soft strip inside buildings before demolition (retaining walls and windows in the rest of the building where possible, to provide a screen against dust).	N/A	D	**X**												**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
45	Ensure effective water suppression is used during demolition operations.	N/A	D	**X**											**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
46	Avoid explosive blasting, using appropriate manual or mechanical alternatives.	N/A	D	**X**											**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
47	Bag and remove any biological debris or damp down such material before demolition.	N/A	D	**X**											**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
48	Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable.	N/A	C D	**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
49	Use Hessian, mulches or trackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable.	N/A	C D	**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
50	Only remove the cover in stages during work and not all at once.	N/A	C D	**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
51	Avoid scabbling (roughening of concrete surfaces) if possible.	N/A	C	**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
52	Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate	N/A	C	**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	additional control measures are in place.																		
53	Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery.	N/A	C	**X**												**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
54	For smaller supplies of fine power materials ensure bags are sealed after use and stored appropriately to prevent dust.	N/A	C	**X**												**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
55	Use water-assisted dust sweeper(s) on the access and local roads, to remove, as necessary, any material tracked out of the Site.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
56	Avoid any dry sweeping of large areas.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
57	Ensure vehicles entering and leaving Site are covered to prevent escape of materials during transport.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
58	Record all inspections of haul routes and any subsequent action in a Site logbook.	N/A	C D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
59	Implement a wheel washing system.	N/A	D	**X**												**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic											Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
60	Any emissions from non-road mobile machinery can be reduced by ensuring that any plant used on Site comply with the nitrogen oxides, particulate matter and carbon monoxide emissions standards specified in the Regulation (EU) 2016/1628 of the European Parliament and of the Council (as amended) as a minimum, where they have net power of between 37kW and 560kW. The emissions standards vary depending on the net power the engine produces.	N/A	C D	**X**		**X**									**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 6: Air Quality [EN010158/APP/6.2],** Section 6.9	
61	Perimeter fencing surrounding the Solar PV development will be offset at least 30m from existing woodland and hedgerows located along the boundaries of Field D29 and partially in Field D28.	N/A	PC C O D		**X**										**Design Commitments [EN010158/APP/5.9]**	Construction the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 3, Figure 3.5: Zonal Masterplan [EN010158/APP/6.3]** **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	
62	Perimeter fencing surrounding the Solar PV development will be offset at least 20m from all other existing woodlands, including HS2 planting.	N/A	PC C O D		**X**		**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 3, Figure 3.5: Zonal Masterplan [EN010158/APP/6.3]**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
																		Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]	
63	Perimeter fencing surrounding the Solar PV development will be offset at least 15m either side from existing hedgerows located within Fields B3 and B7, between Fields B7 and B8/B10 and between Fields B8/B10 and B9/B11.	N/A	PC C O D		**X**			**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 3, Figure 3.5: Zonal Masterplan [EN010158/APP/6.3]** **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]** **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
64	Where an Interconnecting Cable Corridor or Grid Connection Cable Corridor crosses a hedgerow and the hedgerow is removed, these will be reinstated post-construction.	N/A	PC C		**X**											**Outline LEMP [EN010158/APP/7.6]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7	
65	Perimeter fencing surrounding the Solar PV development will be offset at least 10m either side from all existing ditches and ordinary watercourses except where access tracks and/or	N/A	PC C O		**X**			**X**						**X**		**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	cable routes are required to cross an existing feature. .		D															**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2],** Section 11.7**ES Volume 2, Chapter 12: Water [EN010158/APP/6.2],** Section 15.7	
66	Perimeter fencing surrounding the Solar PV development will be offset at least 20m from the top of bank of Claydon Brook in Fields E20, E11, E10 and north section of E21.	N/A	PC C O D		**X**											**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 3, Figure 3.5: Zonal Masterplan [EN010158/APP/6.3]** **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	
67	Creation of 95 ha of species-rich neutral grassland.	N/A	C		**X**											**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 3, Figure 3.5: Zonal Masterplan [EN010158/APP/6.3]** **Outline LEMP Appendix 2: Landscape and Ecological Mitigation**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
																		and Enhancements [EN010158/APP/7.6]	
68	Provision of a winter seed source for birds along a proportion (approximately 5%) of the field margins or within a single designated area within an individual field.	N/A	C		**X**											**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	
69	Creation of a mosaic of species-rich neutral grassland and scrub along field margins.	N/A	C		**X**											**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	
70	Creation of species-rich other neutral grassland under and between Solar PV panels.	N/A	C		**X**											**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic											Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
71	Strategic planting of hedgerows and tree belts. Improvement of existing hedgerows by bolstering with a diversity of appropriate native species and 'gapping-up' where required.	N/A	C		**X**										**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	
72	Early planting/habitat management proposed within Parcel 1 (hedgerows between Shrubs Wood and Sheephouse Wood), Parcel 1a, Parcel 2 (along the boundary of fields D30, D29 and D28 and hedgerows along boundary of fields D30, D34 and D37) ahead of construction activities starting.	N/A	C		**X**										**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	
73	Establishment of ecological ponds (restoration of former ponds and creation of new ponds).	N/A	C		**X**										**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	
74	Perimeter fencing will permit the passage of wildlife, either through a	N/A	PC C		**X**										**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity**	

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	clearance at ground level or via mammal gates.		O D														**[EN010158/APP/6.2],** Section 7.7	
75	Appropriate buffer zones (e.g. 30m from statutory and locally designated wildlife sites and ancient woodland) will be marked by demarcation fencing and signage during construction and decommissioning.	N/A	PC C D		**X**										**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 3, Figure 3.5: Zonal Masterplan [EN010158/APP/6.3]** **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	
76	Acoustic barriers will be provided around elements of the Independent Outdoor Equipment centralised inverters, transformers and switchgear), ITS (centralised inverters, transformers and switchgear), Rosefield Substation, Main Collector Compound, Satellite Collector Compounds and BESS compound, to ensure that unacceptable noise impacts do not arise. .	N/A	PC C O D		**X**			**X**							**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 3, Figure 3.5: Zonal Masterplan [EN010158/APP/6.3]** **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]** **ES Volume 2, Chapter 10: Landscape and Visual**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
																		[EN010158/APP/6.2], Section 10.7	
77	Lighting will use directional fittings and face away from boundaries (including woodland and hedgerows) and into the Order Limits, in accordance with health and safety and environmental requirements.	N/A	PC C D		**X**			**X**								**Design Commitments [EN010158/APP/5.9]**	Pre-construction, construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
78	Perimeter fencing surrounding the Solar PV development will be offset at least 30m from existing main badger setts where practicable.	N/A	PC C O D		**X**											**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7 **ES Volume 3, Figure 3.5: Zonal Masterplan [EN010158/APP/6.3]** **Outline LEMP Appendix 2: Landscape and Ecological Mitigation and Enhancements [EN010158/APP/7.6]**	
79	Landscape structural planting, including tree planting, hedgerows, scrub, etc., created to deliver biodiversity mitigation and enhancement associated with the Proposed Development would be left in situ when the Site is returned to the landowner.	N/A	D		**X**			**X**								**Outline LEMP [EN010158/APP/7.6]** **Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor and the Applicant.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.7	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
80	A suitably qualified ecologist would be appointed during construction to advise on protecting important biodiversity features and provide advice on how to achieve compliance with environmental legislation. Relevant site staff would receive toolbox talks on the ecological risks present, legal requirements and working arrangements necessary to comply with legislation. Toolbox talks would be repeated as necessary over the duration of the relevant works.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
81	For certain species, pre-construction surveys will be required to identify any new constraints and to identify the requirement for protected species licensing.	N/A	PC		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
82	Legally Protected Species Protection Plans will be produced, as appropriate, by the ecologist in conjunction with the Principal Contractor if required, based on pre-construction surveys. This is likely to include bats, badgers and GCN. Each Species Protection Plan would be a live document subject to review and update. The Species Protection Plans would assist site personnel in the protection of species during construction, under the guidance of the suitably qualified ecologist.	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
83	In the event protected species are found to be a constraint during the pre-construction surveys, and if a protected species licence is deemed to be required by the ecologist, then applications would be submitted to	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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	Natural England. These would be submitted sufficiently in advance of the works to meet with the optimum time for mitigation and to minimise any changes to the construction programme.																		
84	To reduce the potential for invasive species to be introduced, for example by construction traffic or landscape planting stock, biosecurity procedures will be set out to ensure that no invasive species are brought onto the Site. In the event that any invasive non-native species are identified prior to and/or during construction, exclusion zones would be established and the suitably qualified ecologist contacted for advice as required.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
85	The control measures that will be implemented during construction and decommissioning to protect designated sites, ancient woodland, hedgerows and hedgerow trees, individual ancient and veteran trees, individual trees and lines of trees, cereal and non-cereal crops, lowland mixed deciduous woodland and other woodland, arable field margins,, ponds, watercourses and ditches, mixed scrub, bramble scrub, other neutral grassland and modified grassland, and habitats used by black and brown hairstreak butterflies, terrestrial invertebrates (excluding black hairstreak and brown hairstreak butterfly), GCN and reptiles which are:	N/A	C D		**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline Soil Management Plan (Outline SMP) [EN010158/APP/7.7]** **Outline LEMP [EN010158/APP/7.6]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	• Using fencing and signage where appropriate to establish and maintain appropriate buffer zones. • Mitigation for habitat degradation from potential related effects including dust deposition, air pollution, pollution incidents and water quality, would be provided through the adoption of construction industry good practice and environmental protection legislation during construction and decommissioning. For example, prevention of surface and ground water pollution, soil removal and appropriate re-instatement.																		
86	Any hedgerow sections that require removal would be reinstated in the same location where practicable. If reinstatement is not possible on the original alignment, then planting a mixture of native species would be undertaken within an appropriate location within the Order Limits as directed by a suitably qualified ecologist. For Site access, new hedgerows would be planted along new highway boundaries and visibility splays as soon as possible after works.	N/A	C		**X**											**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
87	Compensatory habitat creation, hedgerow re-instatement and improvement measures (such as tree planting, gapping-up existing hedgerows, improving species diversity)	N/A	C		**X**											**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
88	Pre-construction surveys of hedgerow sections that will require removal will	N/A	PC		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction	**ES Volume 2, Chapter 7:**	

Key:
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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic: Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
	be undertaken during the winter months to assess for the presence of black hairstreak and brown hairstreak eggs. Blackthorn that is found to contain black hairstreak or brown hairstreak eggs would be translocated to an appropriate location within the Order Limits to enable the eggs to survive the winter and hatch the following spring.		C													by the Principal Contractor.	**Biodiversity [EN010158/APP/6.2],** Section 7.9	
89	Management of woodland, hedgerows and scrub habitat that contain Blackthorn would be undertaken in such a manner to ensure maintenance works do not damage or destroy Blackthorn that could support black or brown hairstreak eggs.	N/A	C O		**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]**	Construction and operation by the Principal Contractor and Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
90	Works with the potential to affect GCN would be carried out either under the Buckinghamshire District Level Licensing Scheme through NatureSpace Partnership or under a European Protected Species licence from Natural England. The licensable works would encompass clearance, and construction works required within the intermediate and distant habitat zones of ponds (likely up to 250m) within the Order Limits.	N/A	PC C		**X**										**Outline LEMP [EN010158/APP/7.6]** **Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
91	Any vegetation clearance or ground clearance proposed within areas of habitat suitable for reptiles will be supervised by a suitably qualified ecologist.	N/A	PC C		**X**										**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
92	A vegetation removal regime will be followed whereby any animals present are encouraged away from the cutting into retained habitats and not isolated	N/A	PC C		**X**										**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	in an unsuitable area. Each area will be walked by the ecologist to disturb reptiles prior to works commencing.																	**[EN010158/APP/6.2],** Section 7.9	
93	Vegetation is to be cleared at a minimum 150mm from the ground in the first pass.	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
94	Subsequent to this, a suitable period of time as decided by the ecologist will be given to allow for any reptiles present at the time of works to move away from the cut areas.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
95	The vegetation will then be cut to as close to ground level as possible with vegetation cuttings being stored/used in habitat piles.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
96	Any suitable reptile sheltering features (e.g. log piles, compost heaps or debris) will be identified by the on-site ecologist. These will be avoided if possible, if not they will be checked by the ecologist before their removal (should this be required). Any removal of sheltering habitats will be supervised by the ecologist. These will be dismantled by hand; this should be overseen by the ecologist. If a reptile is found, the ecologist will decide whether or not it is appropriate to relocate the animal. Shelter features that require removal must be reinstated near the clearance area in a quiet, sheltered location. This will ensure that no net loss of potential reptile shelter features takes place.	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
97	Appropriate pre-construction and decommissioning nesting bird surveys will be undertaken. A suitably qualified ecologist will supervise all work during the nesting bird season and ensure appropriate measures are undertaken to prevent disturbance, injury and/or death to ground nesting and non-ground nesting birds.	N/A	PC C D		**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Pre-construction, construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
98	Control measures for vegetation clearance, which would avoid the main nesting bird period (March to August inclusive) where possible.	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline SMP [EN010158/APP/7.7]** **Outline LEMP [EN010158/APP/7.6]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
99	Any vegetation clearance or ground clearance proposed within the nesting bird period (March to August inclusive) would be checked for the presence of any nests by a suitably experienced ecologist within 48 hours prior to vegetation removal or ground clearance. If active nests are found, appropriate buffer zones will be put in place and the area monitored until the young birds have fledged. Cleared ground would be maintained in a disturbed state in the run up to construction commencing to minimise the risk of ground nesting birds attempting to nest.	N/A	PC C O D		**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]** **Outline LEMP [EN010158/APP/7.6]** **Outline DEMP [EN010158/APP/7.4]**	Pre-construction, construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
100	Unless otherwise agreed with Buckinghamshire Council, there would be no night-time (19:00 to 07:00) working and any artificial lighting would be kept to a minimum and directed away from habitat	N/A	C D		**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	suitable for breeding birds, otters and badgers.																		
101	Mitigate habitat degradation and protect areas retained for ground nesting and non-ground nesting birds and wintering birds to avoid noise and visual disturbance. This includes measures such as demarcation fencing to prevent construction activity occurring within these areas. This would provide undisturbed areas for nesting and foraging.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline SMP [EN010158/APP/7.7]** **Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
102	Barn owl, hobby, peregrine falcon and red kite are listed on Schedule 1 of the Wildlife and Countryside Act 1981 (as amended) and are protected against disturbance when they are nesting and/or have dependent young. Pre-construction surveys for Schedule 1 species would be undertaken. If active nests are identified, then construction works would either be timed to avoid disturbance or suitable measures, including appropriate buffers from nests and demarcation during the breeding season, would be delivered to ensure disturbance is avoided to ensure legislative compliance.	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
103	Mitigate habitat degradation of habitats suitable to support Schedule 1 species.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline SMP [EN010158/APP/7.7]** **Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
104	Mitigate potential construction related effects to bats, otters and badgers, including potential disturbance from light, noise and vibration.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
105	Where construction lighting is required, it will conform to best practice guidelines with respect to minimising light spill into adjacent habitats to prevent disturbance to bats or badgers. Throughout construction, the use of motion detection or manually operated lighting would be used to avoid constant lighting. Inward/downward directional lighting would be used to avoid light spill onto adjacent hedgerows, woodlands, field margins and ponds, watercourses and ditches, which are likely to be used by bats and other nocturnal animals. Security lighting would use PID systems which should not affect bats or badgers.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
106	For ‘key’ hedgerows where sections of 10m or more in length are proposed to be removed, mitigation would be required in the bat activity season (April to October) to maintain linear connectivity for foraging/commuting bats. This would involve the temporary installation of structures in hedgerow gaps mimicking the hedgerow which bats could use for echolocation when commuting e.g. a double row of ‘heras’ type fencing with camouflage type netting on top or filled with brash; or shrubs/trees in movable planters every 5m. This mitigation would be	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	installed immediately after hedge removal (if undertaken in the bat activity season April to October) and left in place until works are completed. If the mitigation needs to be removed for works such as construction traffic access, the mitigation would be re-instated at the end of each day and retained until any new or replacement hedgerow is sufficiently established as an effective flightline.																		
107	Trees that have been identified with bat roost potential will be protected by a buffer and demarcation fencing.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9 **ES Volume 4, Appendix 7.2: Bat Preliminary Roost Assessment Report (2022) [EN010158/APP/6.4]** **Appendix 7.14: Bat Preliminary Roost Assessment Report (2025) [EN010158/APP/6.4].**	
108	However, if it is found that any trees with bat roost potential would experience direct impacts, they would be surveyed prior to impact to determine presence/or likely absence of a roost. If a Bechstein's bat or barbastelle roost is identified within a tree that requires removal, the tree would be	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	left in situ and retained in its entirety with an appropriate buffer. If a roost that is not a Bechstein's bat or barbastelle is identified, in the first instance the design of the Proposed Development would be amended to ensure retention and protection of the tree and roost with an appropriate buffer. If this is not possible, depending on the roost type and species using the roost, loss of a confirmed bat roost would be mitigated and compensated under a European Protected Species licence from Natural England.																		
109	A variety of bat boxes would be installed in suitable locations on hedgerow trees or in woodland to increase roosting opportunities.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
110	Hedgerow and tree planting measures required to mitigate impacts to bats and provision of bat boxes to increase roosting opportunities.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
111	Measures to mitigate habitat degradation of habitats suitable to support otters and badgers. This includes measures such as demarcation fencing to prevent construction activity occurring within these areas.	N/A	C		**X**											**Outline CEMP [EN010158/APP/7.2]** **Outline SMP [EN010158/APP/7.7]** **Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
112	Pre-construction otter surveys will be undertaken to confirm any active holts, including further monitoring of resting places through the use of camera traps to determine use by	N/A	PC		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	otters, with appropriate buffers maintained to prevent disturbance.																		
113	Pre-construction badger surveys will be undertaken to confirm status of existing badger setts and to identify the presence of any new setts with appropriate buffers maintained to prevent disturbance or damage to setts.	N/A	PC		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
114	Mitigate and manage operational related effects on habitats to prevent pollution.	N/A	O		**X**											**Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
115	Management and monitoring of mitigation habitats.	Appropriate management and monitoring of mitigation habitats would be required for a period of 30 years (as required by the Environment Act 2021) to ensure successful establishment and condition. This includes management of ecological mitigation areas, hedgerows, grassland, field margins, watercourses and treatments under Solar PV modules.	O		**X**											**Outline LEMP [EN010158/APP/7.6]**	Operation by the Operations Team	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
116		The Outline LEMP [EN010158/APP/7.6] will be reviewed during the 30 year period to ensure the management prescriptions are still appropriate.	O		**X**											**Outline LEMP [EN010158/APP/7.6]**	Operation by the Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
117	The appropriate habitat management regimes to maintain habitat suitable to support black hairstreak and brown hairstreak butterfly, terrestrial invertebrates (excluding black	N/A	O		**X**											**Outline LEMP [EN010158/APP/7.6]** **Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic											Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
	hairstreak and brown hairstreak butterfly), GCN and reptiles, open ground nesting habitat and increased foraging potentials.																	
118	Mitigate and manage operational related effects on bird habitats and to prevent disturbance, including measures to prevent air, water and light pollution.	N/A	O		**X**										**Outline LEMP [EN010158/APP/7.6]** **Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
119	Monitoring of nesting birds.	Monitoring of ground nesting birds would be undertaken during the operation (including maintenance) phase to measure the effectiveness of the embedded mitigation and the effect of Solar PV modules on ground nesting birds.	O		**X**										**Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
120	Mitigate and manage operational related effects on barn owl, red kite, hobby and peregrine falcon habitats and to prevent disturbance, including measures to prevent air, water and light pollution.	N/A	O		**X**										**Outline LEMP [EN010158/APP/7.6]** **Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
121	During operation (including maintenance), no part of the Proposed Development would be continuously lit. Manually operated and motion detection lighting would be used only for operational and security purposes. Lighting would be used only at entrances or gates, or within compounds, and would only be operated when required for safe working or security. The use of PID systems security lighting, required around key electrical infrastructure, avoids the need for permanent	N/A	O		**X**										**Outline LEMP [EN010158/APP/7.6]** **Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic: Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
	lighting. The inward/downward direction design of lighting would avoid light spill on to adjacent hedgerows, woodlands, field margins, watercourses, ponds and wet ditches likely to be used by bats, badgers or otters.																	
122	Monitoring of bat actvity.	Monitoring of bat activity would be undertaken during the operation (including maintenance) phase to measure the effectiveness of the embedded mitigation and the effect of Solar PV modules on bats.	O		**X**										**Outline LEMP [EN010158/APP/7.6]** **Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
123	Mitigate and manage decommissioning related effects on biodiversity, including measures to prevent air, water, light and noise pollution and avoid disturbance to sensitive species.	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
124	Prior to decommissioning, updated surveys, where required (for example for badgers), would be undertaken in sufficient time in advance of works to ensure that appropriately timed mitigation can be carried out.	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
125	Ecological mitigation areas would be handed back to the relevant landowners, of which the Applicant would no longer have control of the Site. Consultation with appropriate stakeholders and landowners would be undertaken in advance of the decommissioning phase to discuss opportunities to maintain and manage the ecological mitigation habitats	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
	beyond the lifespan of the Proposed Development, as appropriate.																	
126	Decommissioning activities with the potential to affect GCN would be carried out either under the Buckinghamshire District Level Licensing Scheme through NatureSpace Partnership or under a European Protected Species licenced from Natural England.	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
127	Appropriate pre-decommissioning GCN, badger and otter surveys will be undertaken.	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
128	Appropriate pre-decommissioning reptile surveys will be undertaken. A suitably qualified ecologist will supervise all work and ensure appropriate measures are undertaken to prevent injury and/or death to reptiles.	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
129	Reduce the potential risk of impact to ground nesting birds.	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
130	Work within or adjacent to areas which is likely to cause an impact to ground nesting birds, such as within the ecological mitigation areas, will be undertaken outside the nesting bird season whilst also avoiding the peak wintering bird season.	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
131	Breeding barn owl, hobby, peregrine falcon and red kite are listed on Schedule 1 of the Wildlife and	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
	Countryside Act 1981 (as amended) and are protected against disturbance when they are nesting and/or have dependent young. Surveys for Schedule 1 species would be undertaken in advance of decommissioning works commencing.																**[EN010158/APP/6.2],** Section 7.9	
132	Measures that would be implemented during decommissioning to reduce the potential risk of impact to foraging and commuting bats.	N/A	D		**X**										**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2],** Section 7.9	
133	A site specific Arboricultural Method Statement (AMS) will be compiled, detailing the exact location and nature of protective fencing, tree pruning, signage, timings and methods of works and other protection measures. All site operatives must be made aware of the nature of the protection detailed in the AMS and it should remain in place throughout construction.	N/A	PC C		**X**										**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**Appendix 7.13 - Arboricultural Impact Assessment [EN010158/APP/6.4]**	
134	Minor works to vegetation such as lateral pruning or crown lifting will be undertaken where required as part of the permitted preliminary works to avoid damage to trees by construction activities. Some vegetation and tree clearance/pruning may also be required. These works will be undertaken by a qualified arborist and in accordance with an agreed specification set out within an Arboricultural Method Statement (AMS).	N/A	PC C		**X**										**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**Appendix 7.13 - Arboricultural Impact Assessment [EN010158/APP/6.4]**	
135	Any tree works or tree removals required to facilitate construction	N/A	PC		**X**										**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction	**Appendix 7.13 - Arboricultural Impact**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	should be carried out before construction begins and be in accordance with the British Standard, BS 3998:2010 Tree Work – Recommendations.		C														by the Principal Contractor.	**Assessment [EN010158/APP/6.4]**	
136	It is proposed that tree protection fencing be installed around retained trees and groups of trees where they are in close proximity to areas of active construction such as new highway junctions, internal access routes, construction of the Rosefield Substation, Main Collector Compound, BESS and cable corridors.	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**Appendix 7.13 - Arboricultural Impact Assessment [EN010158/APP/6.4]**	
137	An indicative tree protection fence alignment is shown as a purple polyline on the plan at Annex 5 and must be installed before any site mobilisation works such as installation of site offices or any ground works and before any construction begins. This alignment of tree protection fencing will need to be reassessed during the detailed design stage to reflect any new changes in layout, provide linear measurements, and ensure trees can be protected adequately.	N/A	PC C													**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**Appendix 7.13 - Arboricultural Impact Assessment [EN010158/APP/6.4]**	
138	The tree protection fencing should comprise c.2m high heras panels being fixed to a driven scaffold framework with supports on the rear facing side. Signs should then be fixed to every third panel informing operatives of the need to respect and not move fencing and this must be relayed in any site inductions. A fence	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**Appendix 7.13 - Arboricultural Impact Assessment [EN010158/APP/6.4]**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	specification and example of signage is shown at Annex 6.																		
139	Group G98, suspected to be black poplar, will remain unaffected by works and will be fenced to beyond its projected RPA.	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**Appendix 7.13 - Arboricultural Impact Assessment [EN010158/APP/6.4]**	
140	A site induction must include information on trees and tree protection for all operatives. The induction must include the simple instruction that tree protection fencing must not be moved and the fenced area remain unaltered. Trees must not be damaged, either directly or indirectly, by attaching anything to any part of its structure to erect the protective fencing. Additionally, the following points should be firmly communicated during the induction: • Any inadvertent damage to trees or their protective elements must be reported to a site foreman and corrected immediately, to ensure that it remains effective in protecting the area around trees. If there is any doubt an appointed arboriculturist should be contacted to gain clarification on how to proceed. No materials, fuel, large volumes of water or chemicals to be discharged or mixed where they are likely to flow toward trees in the event of spillage. • Wheel wash stations should be self-contained units where they are sited near retained trees or resultant water must be directed	N/A	PC C		**X**											**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**Appendix 7.13 - Arboricultural Impact Assessment [EN010158/APP/6.4]**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	well away from areas where they may flow toward tree root areas. • Any concrete mixing stations must have protective bunds constructed around them to ensure containment of resulting debris or contaminants. • Any spillages of potential contaminants near trees must be reported immediately to the site manager or arboricultural consultant and action taken to either flush the soil with large volumes of water or create a bund to avoid contaminants flowing toward tree protection areas.																		
141	Lean design to minimise use of concrete, steel, aggregates, etc.	N/A	PC C			**X**										**Outline CEMP [EN010158/APP/7.2]**	Pre-construction by the Principal Contractor.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.7	
142	Any vegetation cleared for the Proposed Development would be compensated by a planting scheme that equals or exceeds the current levels of vegetation	N/A	C			**X**										**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.7	
143	The condition and integrity of assets would be regularly assessed, and maintenance undertaken as early as required, giving consideration to materials with enhanced tolerance to fluctuating temperatures and exposure to rainfall.	N/A	C O			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]**	Construction and operation by the Principal Contractor and Operations Team.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.7 **Appendix 8.2: Climate Change Resilience Assessment [EN010158/APP/6.4], Section 2.2**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
144	The responsible sourcing of materials and infrastructure.	N/A	PC C			**X**										**Outline CEMP [EN010158/APP/7.2]**	Pre-construction and construction by the Principal Contractor.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.9	
145	Members of the procurement team will explore opportunities to reduce emissions associated with the supply chain and, where practicable, will look to propose environmentally friendly options to minimise emissions and benefit the local environment.	N/A	PC			**X**										**Outline CEMP [EN010158/APP/7.2]**	Pre-construction by the Principal Contractor.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.9	
146	Implementing measures to decrease fuel use by maximising energy efficiencies in vehicles and plant, for example to ensure all vehicles switch off engines when stationary and ensure vehicles are well maintained and conform to current emissions standards.	N/A	C O			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]**	Construction and operation by the Principal Contractor and Operations Team.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.9	
147	Promoting the use of sustainable fuels in vehicles, and where possible making use of electric vehicles to reduce fuel consumption.	N/A	C O			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]**	Construction and operation by the Principal Contractor and Operations Team.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.9	
148	Using locally sourced and/or produced materials. The use of recycled aggregates, where appropriate, for foundations, subbases, hard-standings and pavement materials.	N/A	C O			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]**	Construction and operation by the Principal Contractor and Operations Team.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.9	
149	Actions to meet the waste hierarchy in accordance with the principles of the Government's Resources and waste strategy for England 2018 Promoting the recycling of materials by segregating construction waste to be re-used and recycled where practical.	N/A	C O			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]**	Construction and operation by the Principal Contractor and Operations Team.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
150	An Outline Travel Plan will ensure that there is a coordination with construction staff on measures to minimise the GHG emissions associated with commuting during construction. Such measures include promoting lower carbon modes of travel such as car sharing options and use of public transport.	N/A	C			**X**							**X**			**Outline CTMP [EN010158/APP/7.5]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2],** Section 8.9 **ES Volume 2, Chapter 15: Transport and Access [EN010158/APP/6.2]**	
151	Weather forecasts to be monitored on a daily basis. Forecasts would be used to inform the sequencing of activities and the use of appropriate personal protective equipment (PPE).	N/A	C D			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**Appendix 8.2: Climate Change Resilience Assessment [EN010158/APP/6.4],** Section 2.5	
152	Provision of welfare facilities including breaks, shade, and hydration facilities, as well as first aid amenities.	N/A	C D			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN01058/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**Appendix 8.2: Climate Change Resilience Assessment [EN010158/APP/6.4],** Section 2.5	
153	Provision of an Emergency Response Plan, to include on-site fire prevention, suppression, and evacuation procedures.	N/A	C D			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN01058/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**Appendix 8.2: Climate Change Resilience Assessment [EN010158/APP/6.4],** Section 2.5	
154	Provision of an Incident Response Plan that identifies flooding as a key site risk and identifies the correct policies and procedures to follow in the event of such.	N/A	C D			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN01058/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**Appendix 8.2: Climate Change Resilience Assessment [EN010158/APP/6.4],** Section 2.5	
155	Monitoring and maintenance of plant and equipment to ensure compliance of machinery with design specifications and flexibility in the	N/A	C D			**X**										**Outline CEMP [EN010158/APP/7.2]**	Construction and decommissioning by the Principal Contractor.	**Appendix 8.2: Climate Change Resilience Assessment**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	construction activities programme to account for climatic variation.															**Outline DEMP [EN01058/APP/7.4]**		**[EN010158/APP/6.4],** Section 2.5	
156	Appropriate on-site storage of plant and equipment.	N/A	C D			**X**										**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN01058/APP/7.4]**	Construction and Decommissioning by the Principal Contractor.	**Appendix 8.2: Climate Change Resilience Assessment [EN010158/APP/6.4],** Section 2.5	
157	The condition and integrity of assets would be regularly assessed, and maintenance undertaken as early as required, giving consideration to materials with enhanced tolerance to fluctuating temperatures and exposure to rainfall. Plant and equipment will be monitored and maintained to ensure compliance with design specifications and flexibility in construction activities to account for climatic variation.	N/A	C			**X**										**Outline CEMP [EN010158/APP/7.3]**	Construction by the Principal Contractor.	**Appendix 8.2: Climate Change Resilience Assessment [EN010158/APP/6.4],** Section 2.6	
158	A leak detection system and alarm will be fitted to the BESS cooling system.	N/A	O			**X**										**Outline OEMP [EN010158/APP/7.3]**	Operation by Operations Team.	**Appendix 8.2: Climate Change Resilience Assessment [EN010158/APP/6.4],** Section 2.6	
159	Maintain drainage systems on site with frequent checks to ensure they are operating at maximum efficiency.	N/A	O			**X**										**Outline Drainage Strategy [EN010158/APP/7.11]**	Operation by Operations Team.	**Appendix 8.2: Climate Change Resilience Assessment [EN010158/APP/6.4],** Section 2.6	
160	Reduction in number of Solar PV modules proposed around Knowl Hill (Fields B17 and B9).	N/A	PC				**X**									**Works Plans [EN010158/APP/2.3]**	Pre-construction by the Applicant.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.7	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
161	Removal of Solar PV from around Botolph Claydon (Fields D1, D2, D3 (north) and D9).	N/A	PC				**X**	**X**								**Works Plans [EN010158/APP/2.3]**	Pre-construction by the Applicant.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.7 **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
162	Internal access track between Parcel 1 and Parcel 2 will be of similar style to agricultural tracks in the area.	N/A	PC C				**X**	**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Applicant.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.7 **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
163	New hedgerow planting along the western boundary of Field B5, adjacent to Pond Farm access.	N/A	PC C				**X**	**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.7 **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
164	50m width buffer of species rich grassland and scrub to Shrubs Wood (Fields B6 and B10).	N/A	C				**X**	**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 9: Cultural Heritage**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
																		[EN010158/APP/6.2], Section 9.7	
165	New hedgerow (early) planting to the eastern boundary of Solar PV modules in Field B22, and north of Field B23 (North).	N/A	C				**X**	**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.7 **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
166	Infill hedgerow planting and strengthening of avenue of poplar trees to Three Points Lane.	N/A	C				**X**	**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.7 **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
167	15m width belt of structural native woodland (advanced) planting along northern boundary of Field D3 (South).	N/A	C				**X**									**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.7	
168	Siting zone for Rosefield Substation, Main Collector Compound and BESS have been located in close proximity to the existing National Grid East Claydon substation to minimise extent of visual changes to the setting of heritage assets.	N/A	PC				**X**	**X**								**Works Plans [EN010158/APP/2.3]**	Pre-construction by the Applicant.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.7 **ES Volume 2, Chapter 10:**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic: Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
																	Landscape and Visual [EN010158/APP/6.2], Section 10.7	
169	A programme of post-DCO evaluation is proposed to inform the detailed design which will ensure that where archaeological remains are identified (through post-DCO evaluation) as being of sufficient importance or sensitivity to merit preservation in situ this is secured. Where preservation in situ is not merited, and impacts to archaeological remains cannot be avoided through the detailed design, mitigation would be through a programme of archaeological work in accordance with a Written Scheme of Investigation submitted to and approved by Buckinghamshire Council.	N/A	PC				**X**								**Draft Archaeological Management Strategy [EN010158/APP/7.10]**	Pre-construction by the Applicant.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	
170	Pre-construction archaeological excavation of the area of Iron Age to Romano-British settlement (HA1/ MBC45205) within the area of Rosefield Substation.	N/A	PC				**X**								Requirement 10 in the **Draft DCO [EN010158/APP/3.1]** for programme of archaeological work in accordance with a Written Scheme of Investigation. **Draft Archaeological Management Strategy [EN010158/APP/7.10]**	Pre-construction by the Applicant.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	
171	Post-DCO consent archaeological evaluation to inform detailed design and mitigation measures.	N/A	PC				**X**								Requirement 10 in the **Draft DCO [EN010158/APP/3.1]** for programme of	Pre-construction by the Applicant.	**ES Volume 2, Chapter 9: Cultural Heritage**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
																archaeological work in accordance with a Written Scheme of Investigation. **Draft Archaeological Management Strategy [EN010158/APP/7.10]**		**[EN010158/APP/6.2],** Section 9.9	
172	Use of non-intrusive foundations for Solar PV modules in areas of sensitive archaeological remains (HA1 and any highly sensitive remains recorded during post-DCO consent archaeological evaluation)	N/A	C				**X**									**Draft Archaeological Management Strategy [EN010158/APP/7.10]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	
173	Archaeological monitoring and recording within areas proposed for the Collector Compounds, BoSS and ITS where archaeological remains would not require preservation in situ, including (if not avoided through detailed design): • Area of linear anomalies north of Sheephouse Wood (MBC44779) (non-designated heritage asset) • Route of Roman road (MBC6013) (non-designated heritage asset) • Below ground remains of farms and farm buildings of post-medieval date (HA7, HA8, HA9, HA10, HA11, HA12, HA13, HA14, HA15, HA16, HA17, HA18) (non-designated heritage assets) • Route of Aylesbury to Buckingham branch of the Metropolitan Railway (MBC14921) and site of Granborough Road Station buildings (MBC14922) (non-designated heritage assets)	N/A	C				**X**									Requirement in the **Draft DCO [EN010158/APP/3.1]** for programme of archaeological work in accordance with a Written Scheme of Investigation. **Draft Archaeological Management Strategy [EN010158/APP/7.10]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic											Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
	• Two post-medieval extractive pits (MBC45160 and MBC45161) (non-designated heritage assets) • Two former 17th century ponds (MBC10753; MBC21469) (non-designated heritage asset))																	
174	Traffic controls along Orchard Way.	N/A	C D				**X**						**X**		**Outline CTMP [EN010158/APP/7.5]** **Traffic Regulation Plans [EN010158/APP/2.5]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	
175	Controls on dust and noise.	N/A	C	**X**			**X**				**X**				**Outline CEMP [EN010158/APP/7.2]** **Outline CTMP [EN010158/APP/7.5]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	
176	No intrusive groundworks in areas of known high archaeological value.	N/A	O D				**X**								**Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Operation and decommissioning by the Principal Contractor and the Operations Team.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	
177	No removal of important hedgerows within Solar PV development areas.	N/A	O D				**X**								**Outline LEMP [EN010158/APP/7.6]** **Outline DEMP [EN010158/APP/7.4]**	Operation and decommissioning by the Principal Contractor and the Operations Team.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9 **ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
178	Care to be taken when removing piles.	N/A	O D				**X**									**Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Operation and decommissioning by the Principal Contractor and the Operations Team.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	
179	Abnormal indivisible loads for maintenance (if required) to be routed away from Botolph Claydon.	N/A	O				**X**									**Streets, Rights of Way and Access Plans [EN010158/APP/2.4]** **Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	
180	Protection measures for any archaeological remains preserved in situ through the detailed design will be added to the detailed OEMP and DEMP	N/A	O D				**X**									**Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Operation and decommissioning by the Principal Contractor and the Operations Team.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.9	
181		Monitoring of the effectiveness of mitigation measures for the direct impacts to below ground archaeological remains will be undertaken by Buckinghamshire Council, and the works will be carried out in accordance with a Written Scheme of Investigation which will be approved for use by them in advance of implementation.	C O D				**X**									**Draft DCO [EN010158/APP/3.1]**	Construction, operation and decommissioning by the Principal Contractor and the Operations Team.	**ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.12	
182	Hedgerows to the south of Calvert Road and east of Claydon Road to be gradually increased in height to 3.5m.	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
183	Removal of all Solar PV modules from Field B5 and (early) planting of 15m width belt of structural native woodland blocks along northern and southern boundaries of Field B5.	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]** **Works Plans [EN010158/APP/2.3]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
184	30m width buffer of species rich grassland and scrub to Decoypond Wood (Field B7), Shrubs Wood (Fields B6 and B10) and Runt's Wood (Fields D28 and D29).	N/A	O					**X**								**Outline LEMP [EN010158/APP/7.6]**	Operation by the Operations Team.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
185	New hedgerow (early) planting to the eastern boundary of Solar PV modules in Field B22, and north of Field B23 (North).	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
186	Satellite Collector Compounds will be mounted on concrete pad foundations or plinths. The proposed structures will be grey or green containers and sensitive to the local environment.	N/A	PC C O D					**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
187	15m width belt of structural native woodland (early) planting along northern boundary of Field D3 (South).	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
188	New hedgerow/infill (early) planting to the eastern and western boundaries Fields D3 (South), D12 and D13.	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
189	Perimeter fencing surrounding the Solar PV development will be offset at least 55m from the Bernwood Jubilee Way within Fields D4, D11, D14 and D15 to allow views to be retained over the Solar PV development.	N/A	PC C O D					**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
190	New hedgerow (early) planting to the western boundary of Solar PV modules in Fields D4, D11, D14 and D15.	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
191	15m width belt of structural native woodland (early) planting along southern boundary of Fields D8, D9, D19 and D26.	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
192	Removal of Solar PV modules from Fields D30-D37.	N/A	C					**X**								**Works Plans [EN010158/APP/2.3]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
193	15m width belt of structural native woodland (early) planting along western boundary of Fields E11, E20, E22 and E23.	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
194	New hedgerow planting (early) to northern edge of Solar PV modules in Field E23.	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
195	Structural planting will consist of native species and wherever possible be of local provenance.	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
196	Grassland open fields and margins with species rich grassland throughout the Site.	N/A	C					**X**								**Outline LEMP [EN010158/APP/7.6]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
197	Perimeter fencing surrounding the Solar PV development will not be constructed through existing hedgerows or across ditches where reasonably practicable. Where security fencing is required to pass through existing hedgerows, vegetation removals will be minimised as far as reasonably practicable.	N/A	PC C O D				**X**	**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7 **ES Volume 2, Chapter 9: Cultural Heritage [EN010158/APP/6.2],** Section 9.7	
198	Perimeter fencing surrounding the Solar PV development will be offset at least 30m from the Mid Shires Way and North Bucks Way within Fields E21/E22 and E23.	N/A	PC C O D					**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
199	Internal access tracks and cable routes will use existing agricultural gateways/tracks, crossings and/or gaps in the hedgerows where practicable.	N/A	PC C O D					**X**	**X**							**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7 **ES Volume 2,Chapter 11: Land and**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
																		Groundwater [EN010158/APP/6.2], Section 11.7	
200	Independent Outdoor Equipment (Standalone Central Inverters and Standalone Switchgear) will be grey, green or white in colour.	N/A	PC C O D					**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
201	Independent Outdoor Equipment (Standalone Transformers) and Inverter Transformer Stations will be grey or green in colour.	N/A	PC C O D					**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
202	Equipment within the Main Collector Compound will be grey, green, white and/or metallic. Proposed buildings and/or containers within the Main Collector Compound will be grey or painted green in colour and rendered to suit local building styles, be sensitive to the local environment and would seek to reflect agricultural development.	N/A	PC C O D					**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
203	BESS containers and transformer units will be grey, green or white in colour.	N/A	PC C O D					**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
204	There will be no permanent (continuous) lighting for security purposes, except where necessary to take account of health and safety requirements at emergency exits.	N/A	PC C O D					**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
205	Perimeter fencing around the Rosefield Substation, Satellite Collector Compounds, BESS and Main Collector Compound will be metallic or green in colour.	N/A	PC C O D					**X**								**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.7	
206	Activities should be undertaken in a sensitive manner with regard to the existing landscape fabric within the Site.	N/A	C D					**X**								**Outline CEMP [EN010158/APP/7.2]**	Construction and Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.9	
207	All existing hedgerows, trees and woodland would be retained and protected during construction (except where removal is indicated on the vegetation removal plans.	N/A	C					**X**								**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.9 **ES Volume 4, Appendix 7.13: Arboricultural Impact Assessment [EN010158/APP/6.4]** **Outline LEMP, Appendix 3: Vegetation Removal Parameters [EN010158/APP/7.6]**	
208	Construction compounds are maintained in a neat and tidy appearance and that any temporary construction lighting is operated in accordance with an agreed scheme.	N/A	C													**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.9	
209	Construction heavy goods vehicle movements would be routed in accordance with the strategy agreed	N/A	C					**X**					**X**			**Outline CTMP [EN010158/APP/7.5]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic: Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
	with the Local Planning Authority and avoid landscape and visual effects on additional receptors.																**Visual [EN010158/APP/6.2],** Section 10.9	
210	Existing and newly established habitats and planting would be maintained in accordance with the principles established in the **Outline LEMP [EN010158/APP/7.6].**	N/A	O					**X**							**Outline LEMP [EN010158/APP/7.6]**	Operation by the Operations Team.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.9	
211	Monitoring mitigation planting and habitats.	A programme of monitoring relating to the establishment and maintenance of the mitigation structure planting and new habitats.	O					**X**							**Outline LEMP [EN010158/APP/7.6]**	Operation by the Operations Team.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.9	
212	Any defective planting is replaced during the establishment period and that all new planting establishes successfully by Year 10. It would ensure that existing and new hedgerows (once established) will be maintained at heights of between 3-3.5m for the duration of the operation phase of the Proposed Development.	N/A	O					**X**							**Outline LEMP [EN010158/APP/7.6]**	Operation by the Operations Team.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.9	
213	Ensure that decommissioning is undertaken in a sensitive manner, providing root protection as appropriate to the existing and retained vegetation within the Site. It would ensure that existing and established hedgerows, trees and woodland would be retained and protected during decommissioning (except where removal is required to facilitate decommissioning). It would also ensure that decommissioning compounds maintain a neat and tidy appearance and that any temporary	N/A	D					**X**							**Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	lighting is operated in accordance with a scheme agreed with the Local Planning Authority.																		
214	The soil resource within the Site would be managed during decommissioning in accordance with the principles established in the **Outline SMP [EN010158/APP/7.7]**.	N/A	D					**X**		**X**						**Outline SMP [EN010158/APP/7.7]**	Decommissioning by the Principal Contractor.	**ES Volume 2, Chapter 10: Landscape and Visual [EN010158/APP/6.2],** Section 10.9	
215	Interconnecting Cable Corridors and Grid Connection Cabling Corridors will run alongside access tracks where practicable, avoiding wider excavations.	N/A	PC C O D						**X**							**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2]**, Section 11.7	
216	Minimise the use of concrete, trenches and foundations.	The activities undertaken during the construction phase will be audited against the requirements of the detailed Construction Environmental Management Plan(s) by the Principal Contractor to ensure adherence.	PC C						**X**							**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2]**, Section 11.7	
217	Drainage strategy to prevent release of fire-fighting water from the BESS.	N/A	PC						**X**							**Outline Drainage Strategy [EN010158/APP/7.11]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2]**, Section 11.7	
218	A site investigation and accompanying interpretative report is required. This work will be completed prior to construction works commencing and the report will be issued to the Local Planning Authority. This will provide further information relating to potential pollutant linkages that were identified by **ES Volume 4, Appendix 11.1:**	Ground gas and groundwater monitoring will be undertaken if required, and any associated mitigation would form part of the detailed Construction Environmental Management Plan(s).	PC						**X**							**Outline CEMP [EN010158/APP/7.2]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2]**, Section 11.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	Preliminary Risk Assessment [EN010158/APP/6.4].																		
219	Avoid damage to human health due to contamination, and to avoid, minimise or mitigate effects on the environment during construction works. Managing risks from former agricultural activities such as foot and mouth burial pits, waste pits, pesticides and asbestos containing material, ensuring that land and groundwater receptors are protected from effects of contamination associated with historical usage of the land. Examples of the measures include: • good housekeeping and site maintenance, including management of materials and waste; • maintain records relating to routine inspections, investigations, corrective actions and action schedules; • procedures to mitigate against erosion; • procedures to prevent disturbance of contamination; • emergency procedures to manage accidental spillages and leaks in order to minimise any risk to the land and groundwater during the construction phase; and	N/A	C O D						**X**						**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2]**, Section 11.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	• management plans to cover the use of HDD, including the use of drilling muds.																		
220	Prevent damage to the quality of groundwater, the existing groundwater levels and flow directions.	Further ground investigations will be undertaken against the requirements detailed within the **Outline CEMP [EN010158/APP/7.2.2]**. Monitoring will be confirmed following further ground investigations.	C O D						**X**							**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2]**, Section 11.9	
221	A piling risk assessment will be undertaken before the start of construction. This will minimise impacts on groundwater as a result of piling activities.	N/A	PC						**X**							**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2]**, Section 11.9	
222	To manage the potential impact of firewater associated with the operational BESS.	N/A	O D						**X**							**Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]** **Outline Battery Safety Management Plan (BSMP) [EN010158/APP/7.9.2]** **Outline Drainage Strategy [EN010158/APP/7.11.2]**	Operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2]**, Section 11.9	
223	Ensure that any firewater is collected, preventing release to land or groundwater.	N/A	O						**X**							**Outline BSMP [EN010158/APP/7.9]** **Outline Drainage Strategy [EN010158/APP/7.11]**	Operation by the Operations Team.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2]**, Section 11.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
224	Rosefield Substation, BESS, Collector Compounds and Construction Compounds will avoid Best and Most Versatile (BMV) land and new access tracks will avoid BMV land as far as reasonably practicable.	N/A	PC C O D							**X**						**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.7	
225	Stripping of topsoil at start of construction and track matting laid.	N/A	C							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
226	Spreading of stone on compound locations.	N/A	C							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
227	Storage of topsoil within bunds and seeded for periods greater than six months.	N/A	C O							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
228	Management of vehicle movement.	N/A	C O D							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
229	Established tracks used for vehicle movement during operation.	N/A	O							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
230	Avoidance of activities during wet weather.	N/A	C O D							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
231	Monitoring of soil stockpiles.	N/A	C D							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
232	Removal of infrastructure up to 1m depth below ground level.	N/A	D							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline DEMP [EN010158/APP/7.4]**	Decommissioning by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
233	Avoid and manage any potential impacts to the soil and agricultural land during the construction phase.	N/A	C							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline CEMP [EN010158/APP/7.2]** **Draft DCO [EN010158/APP/3.1]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
234	Detail measures for soil management and follows the principles of best practice to maintain the physical properties of the soil, with the aim of restoring the land to its pre-construction condition following the temporary construction use and at the end of the lifetime of the Proposed Development.	N/A	C							**X**						**Outline SMP [EN010158/APP/7.7]** **Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
235	At the start of the construction phase, the areas of agricultural land required for the three temporary Main and three Satellite Construction Compounds and access tracks will be stripped of topsoil to avoid any damage to field drains. A suitable membrane will be spread and temporary matting will be laid, onto which stone will be spread. This prevents intermixing of soil with the temporary stone surface.	N/A	C							**X**						**Outline SMP [EN010158/APP/7.7]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
236	The topsoil removed during the construction process will be placed temporarily in a low-level bund or bunds on land outside the compounds on site. These bunds are short-term storage areas for the topsoil, which will be used in restoration of these areas once construction is complete. If they will be in place for more than 6 months, they will be sown with a low maintenance grass seed mix.	N/A	C							**X**						**Outline SMP [EN010158/APP/7.7]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
237	Vehicle movements that are required over soils will be managed to prevent damage to soil structure e.g. through matting. This will control the timing of works (to avoid periods when soil is more susceptible to damage) and will take into account variables such as soil saturation. Although construction of the Proposed Development will not adversely affect soils if the Outline SMP [EN010158/APP/7.7] is followed, it is worth noting that although soil quality can be reduced due to works being undertaken in wet conditions, it is possible to return soils to their former condition after they have dried	N/A	C							**X**						**Outline SMP [EN010158/APP/7.7]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	out, preventing medium or long-term effects.																		
238	Access routes for the importation of construction materials, plant and equipment will be determined in advance to avoid inappropriate trafficking of soil.	N/A	PC C							**X**			**X**			**Outline CTMP [EN010158/APP/7.5]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
239	Monitoring activities against requirements Outline SMP.	The activities undertaken during the construction, operation and decommissioning phase will be audited against the requirements of the **Outline SMP [EN010158/APP/7.7]** by the Principal Contractor.	C O D							**X**						**Outline SMP [EN010158/APP/7.7]**	Construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
240	Measures to manage any potential impacts to the soil and agricultural land during the operation (including maintenance) phase	N/A	O							**X**						**Draft DCO [EN/010158/APP/3.1]** **Outline SMP [EN010158/APP/7.7]** **Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Soil [EN010158/APP/6.2]**, Section 12.9	
241	Rosefield Substation, BESS, Collector Compounds, Standalone Inverter, Transformer and Switchgear and ITS (part of the Balance of Solar System plant comprised in Work No. 1) will be offset a minimum distance of 50m from all existing residential properties.	N/A	PC C O D								**X**					**Works Plans [EN010158/APP/2.3]** **Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.7	
242	Use of equipment with low noise emissions, where feasible.	N/A	C O D								**X**					**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.7	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
243	Orientating noise emitting equipment to reduce noise level beyond the Order Limits.	N/A	C O D								**X**				**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.7	
244	Best Practicable Means as defined by the Control of Pollution Act 1974 be adopted, which would serve to minimise the potential noise and vibration impacts at receptors in the vicinity of the construction, operation and decommissioning works.	N/A	C O D								**X**				**Outline CEMP [EN010158/APP/7.2]** **Outline CTMP [EN010158/APP/7.5]** **Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
245	Where practicable, temporary enclosures will be used to screen all static or semi-static plant from noise sensitive receptor locations.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
246	All engine compartments or acoustic enclosures are closed whilst engines are running.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
247	Minimising drop heights of materials i.e. carefully depositing materials.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
248	Avoiding vehicle movements over irregular surfaces (which tends to create more noise/vibration emissions).	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic											Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
249	At all times, workers' shouting or raised voices to be kept to a minimum.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
250	All plant, equipment and noise control measures applied to plant and equipment to be maintained in good and efficient working order and operated such that noise emissions are minimised as far as reasonably practicable.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
251	Any plant, equipment or items fitted with noise control equipment found to be defective will not be operated until repaired.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
252	Machines in intermittent use to be shut down or throttled down to a minimum during periods between works.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
253	A quiet working ethic will be employed to ensure that all members of the workforce have consideration for the nearby residents.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
254	Prohibit sounding of vehicle horns to gain access to the Primary and Secondary Construction Compounds.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
255	The delivery routes set out in the **Outline CTMP [EN010158/APP/7.5]** will be communicated to and adhered to by all suppliers.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
256	Design the Primary Construction Compound and Secondary Construction Compound layouts to reduce the need for reversing vehicles and ensure that drivers are familiar with the worksite layout.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
257	Utilise reversing alarms incorporating one or more of the features listed below (or other comparable system): • Highly directional sounders; • Use of broadband sounders; • Self-adjusting output sounders; • Flashing warning lights; and • Reversing alarms that are set to the minimum output noise level required for health and safety compliance.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
258	Toolbox talks carried out by the Principal Contractor to ensure that all members of the workforce are aware of potential noise impacts on the sensitive receptors in the surrounding area.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
259	Temporary noise barriers may be installed close to noise-producing plant to minimise construction induced noise levels (where practicable).	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
260	Temporary noise barriers could comprise a well-constructed site hoarding or a proprietary temporary barrier system that can be rapidly installed and modified on-site to screen specific construction activities. In all instances, the hoarding/barrier should be free from gaps, holes, slits or cracks, with no gaps between the barrier and the ground.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
261	Mitigation measures for piling works are typically applied at the source in the form of shrouds and/or resilient pads between the pile and the driver. Noise reduction from these measures would be expected to be in the range of 10-15 dB.	N/A	C								**X**				**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
262	Community liaison and communication throughout the construction phase would be undertaken to provide information to people residing in properties located in the vicinity of the Order Limits. This typically serves to understand concerns from local residents and enable them to be addressed where feasible, thereby reducing the likelihood of complaints. The community liaison would extend to landowners with livestock or other animals that may be present in fields adjacent to the construction works.	N/A	C								**X**				**Draft DCO [EN010158/APP/3.1]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
263	A minimum 5 dB(A) reduction is obtained at source through refinement of the engineering requirements in order to adopt lower noise emitting transformers.	N/A	O								**X**				**Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
264	3.5m high barrier around the BESS container areas	N/A	O								**X**				**Outline OEMP [EN010158/APP/7.3]** **Design Commitments [EN010158/APP/5.9]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
265	5m high barrier around sections of the boundary of the Rosefield Substation.	N/A	O								**X**				**Outline OEMP [EN010158/APP/7.3]** **Design Commitments [EN010158/APP/5.9]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
266	3.5m high absorptive barriers around Central Inverters that are impacting upon noise-sensitive receptors.	N/A	O								**X**				**Outline OEMP [EN010158/APP/7.3]** **Design Commitments [EN010158/APP/5.9]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
267	Introduction of enclosures and/or barriers around the main transformers within the Rosefield Substation and Satellite Collector Compound.	N/A	O								**X**				**Outline OEMP [EN010158/APP/7.3]** **Design Commitments [EN010158/APP/5.9]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
268	Barriers would be constructed using a suitably dense material, with no holes or gaps around or underneath them.	N/A	O								**X**				**Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
269		Noise measurements of the installed operational equipment would be undertaken to verify predicted levels at source.	O								**X**				**Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	
270	40 dB LAr daytime and 35 dB LAr night-time at high sensitivity receptors.	N/A	O								**X**				**Draft DCO [EN010158/APP/3.1]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.12	
271	The additional mitigation measures considered necessary to manage construction phase traffic, as detailed in and secured by the **Outline CTMP [EN010158/APP/7.5]**, would remain valid and appropriate for the decommissioning phase. A Decommissioning Traffic Management Plan would be developed prior to decommissioning and would use, as its starting point, the measures detailed in the Construction Traffic Management	N/A	D								**X**				**Outline CTMP [EN010158/APP/7.5]**	Decommissioning by the Principal Contractor.	**ES Volume 2,Chapter 12: Noise and Vibration [EN010158/APP/6.2]**, Section 13.9	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	Plan, which shall be in substantial accordance with the **Outline CTMP [EN010158/APP/7.5]**, updated to reflect the circumstances prevailing during the period in which decommissioning is to be carried out.																		
272	There will be some diversions and closures made to existing PRoWs during the construction phase, some of which would become permanent into and beyond the operation (including maintenance) and decommissioning phases of the Proposed Development. The permanent PRoW diversions and/or closures include: • A diversion to the existing PRoW Footpath (reference 'ECL/4/2') (463m to-be-stopped up) to the north of Parcel 3 to align the PRoW Footpath with the field boundaries of Fields E10 and E11, rather than crossing Field E11 (new length 559m). • A diversion to the existing PRoW Footpath (reference 'ECL/7/2') (244m to-be-stopped up) to the east of Parcel 2 to align the PRoW Footpath with the field boundary of Field D19 (new length 274m) • A diversion to the existing PRoW Footpath (reference 'SCL/13/2') (323m to-be-stopped up) to the south of Parcel 1 (between Shrubs Wood and Decoypond Wood) to align the PRoW Footpath with the field boundary of Field B7 (new length 410m).	N/A	C O D									**X**				**Outline Right of Way and Access Strategy (Outline RoWAS) [EN010158/APP/7.8]** **Streets, Rights of Way and Access Plans [EN010158/APP/2.4]** **Draft DCO [EN010158/APP/3.1].**	Construction, operation and decommissioning by the Principal Contractor and the Operations Team.	**ES Volume 2,Chapter 12: Population [EN010158/APP/6.2]**, Section 14.7	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	• Diversions to three existing PRoW Footpaths (references 'SCL/13/1', 'SCL/12/2' and a further diversion to 'SCL/13/2') (1,470m to-be-stopped up) to rationalise them into a single PRoW Footpath providing access between Pond Farm and Calvert Road (new length 1,027m).																		
273	The proposed access route avoids passing through villages as far as is possible and reduces its potential impact on sensitive receptors.	N/A	PC										**X**			**Outline CTMP [EN010158/APP/7.5]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Transport and Access [EN010158/APP/6.2]**, Section 15.7	
274	The Site access junctions are designed to allow for two-way traffic flows and sufficient visibility in all directions.	N/A	PC										**X**			**Draft DCO [EN010158/APP/3.1]** Secured via the appropriate DCO schedules and contained within the **Outline CTMP [EN010158/APP/7.5]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Transport and Access [EN010158/APP/6.2]**, Section 15.7	
275	All HGV traffic for the BESS and Parcel 3 of the Site will be routed through the main access and will approach Granborough Road from Quainton Road, removing the need for a constrained 90 degree turn at the junction.	N/A	C										**X**			**Outline CTMP [EN010158/APP/7.5]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Transport and Access [EN010158/APP/6.2]**, Section 15.7	
276	Layby works on the Granborough Road to accommodate the temporary increase in traffic associated with the construction phase.	N/A	C										**X**			**Outline CTMP [EN010158/APP/7.5]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Transport and Access [EN010158/APP/6.2]**, Section 15.7	
277	Road enhancement works on Snake Lane/Fiddlers Field potentially	N/A	C										**X**			**Outline CTMP [EN010158/APP/7.5]** unless provided prior	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Transport and Access**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	undertaken by HS2 and/or Buckinghamshire Council.															to works commencing by others (Buckinghamshire Council or HS2)		**[EN010158/APP/6.2]**, Section 15.7	
278	A Staff Travel Plan to reduce single occupancy journeys to and from the Site during construction. Details of the Staff Travel Plan is included in the Outline CTMP.	N/A	C										**X**			**Outline CTMP [EN010158/APP/7.5]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Transport and Access [EN010158/APP/6.2]**, Section 15.7	
279	To control traffic movements, to facilitate community liaison and feedback, to detail signage, to include road wear and tear requirements and to cater for Abnormal Indivisible Load movements.	N/A	C										**X**			**Outline CTMP [EN010158/APP/7.5]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Transport and Access [EN010158/APP/6.2]**, Section 15.9	
280	To ensure safe access across the Order Limits for pedestrians, cyclists and equestrians.	N/A	C										**X**			**Outline RoWAS [EN010158/APP/7.8]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Transport and Access [EN010158/APP/6.2]**, Section 15.9	
281	The height of the highest part of the Solar PV module will be no greater than 4.5m above ground level AGL (post-earthworks) within flood areas The height of the lower part of the solar PV panels will be no greater than 1.8m AGL (post-earthworks) within Flood Zones	N/A	PC											**X**		**Design Commitments [EN010158/APP/5.9]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2],** Section 15.7 **ES Volume 3, Figure 2.1: Zonal Masterplan [EN010158/APP/6.3]**	
282	The spacing gap between consecutive rows of solar PV modules will be at least 2.8m	N/A	PC											**X**		**Works Plans [EN010158/APP/2.3]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2],** Section 15.7 **ES Volume 3, Figure 2.1: Zonal Masterplan [EN010158/APP/6.3]**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
283	Rosefield Substation, BESS, ITS, Independent Outdoor Equipment (transformer, switchgear and central inverters), Collector Compounds and Construction Compounds will be located outside of Flood Zone 2 and 3 areas.	N/A	PC											**X**	**Design Commitments [EN010158/APP/5.9]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2],** Section 15.7 **ES Volume 3, Figure 2.1: Zonal Masterplan [EN010158/APP/6.3]** **ES Volume 2, Chapter 8: Climate [EN010158/APP/6.2], Section 8.7**	
284	Perimeter fencing surrounding the Solar PV development will be offset at least 20m from the top of bank of Claydon Brook in Fields E20, E11, E10 and north section of E21.	N/A	C O D											**X**	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.7	
285	Use of impermeable membranes and a bung and penstock system in the BESS design.	N/A	PC											**X**	**Outline Drainage Strategy [EN010158/APP/7.11]** **Outline BSMP [EN010158/APP/7.9]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.7	
286	All SuDS features to be designed in accordance with the CIRIA C753 SuDS Manual to ensure that surface water runoff discharged from the Site would be of an acceptable standard by following best design practices.	N/A	PC											**X**	**Outline Drainage Strategy [EN010158/APP/7.11]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.7	
287	Vegetation management.	N/A	PC											**X**	**Outline LEMP [EN010158/APP/7.6]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.7	
288	Construction compounds would be located at least 10m from existing watercourses	N/A	C											**X**	**Works Plans [EN010158/APP/2.3]**.		**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2],** Section 15.7	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
																		ES Volume 3, Figure 2.1: Zonal Masterplan [EN010158/APP/6.3]	
289	Perimeter fencing surrounding the Solar PV development will be offset at least 30m from existing woodland and hedgerows located along the boundaries of Field D29 and partially in Field D28.	N/A	PC											**X**	**Design Commitments [EN010158/APP/5.9]** **Works Plans [EN010158/APP/2.3]**.	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2],** Section 15.7 **ES Volume 3, Figure 2.1: Zonal Masterplan [EN010158/APP/6.3]**	
290	Any watercourse crossings associated with the Abnormal Indivisible Load Access Track will be clear span bridge(s) or culvert(s), with crossings designed to ensure appropriate flood flows are maintained.	N/A	PC C O D											**X**	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.7	
291	Cable crossing depths would take account of potential deepening of watercourse channels over the lifetime of the Proposed Development.	N/A												**X**	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.7	
292	The Abnormal Indivisible Loads (AIL) access located in the north of Parcel 3 would not be used during flood events.	N/A	C											**X**	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.7	
293	The placement of stockpiled materials as far away as practically possible from sensitive receptors (including watercourses and within Flood Zone 2 or Flood Zone 3).	N/A	C											**X**	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.9	
294	The protection of water quality would be focused on reducing the mobilisation of silt and pollutant chemicals from entering watercourses, usually via rainfall runoff. A summary of the pollution	N/A	C D											**X**	**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN010158/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2],** Section 15.9 **Appendix 8.2: Climate Change**	

Key:
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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	prevention management measures are outlined below: • No vehicle, equipment or material storage is permitted within the Flood Zone 2 or Flood Zone 3 or within 20m of watercourses, where practicable. • The placement of stockpiled materials as far away as practically possible from sensitive receptors (including watercourses). • Vegetation removal to be undertaken on a phase-by-phase basis to avoid excessive exposure of bare soil. • Silt fencing or straw bales to be placed downslope of construction works to prevent silt entering watercourses. • Additional silt fencing kept on site for deployment at short notice. • A wheel wash at the Site access to reduce silt migration across the Site. • Vehicles to be inspected at the start of each day, and vehicles showing signs of fuel/oil drips, missing fuel caps, or damaged hydraulics would be rejected and not used on Site before repair. • Fuels would be stored in a double skinned locked and bunded fuel bowser as far away from watercourses as reasonably practicable. Refuelling would be carried out over a drip tray. These would be regularly maintained and inspected for rainwater. Rainwater																**Resilience Assessment [EN010158/APP/6.4], Section 2.5**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	would be removed by specialist removal. A spill kit would be located next to any bowser. • Spill kits would contain as a minimum: spill booms, granules, mats and gully covers. • All surface waters and drains must be protected from silt runoff using gully guards, straw bales, gravel traps or silt fencing. These measures must be inspected daily.																		
295	Trenchless HDD methods would be supported by an HDD Fluid Breakout Plan.	N/A	C											**X**	**Appendix 3** of the **Outline CEMP [EN010158/APP/7.2]**	Pre-construction by the applicant.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.9	
296	A temporary drainage strategy would be implemented during construction works to control runoff rates and sediment mobilisation.	N/A	C											**X**	**Outline CEMP [EN010158/APP/7.2]**	Construction by the Principal Contractor.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.9	
297	A Flood Management and Evacuation Plan would be produced prior to the construction and decommissioning phases commencing, for any areas of the Proposed Development (mainly Internal Access Corridors and Solar PV modules) that intersect areas of flood risk.	N/A	C O D											**X**	**Outline CEMP [EN010158/APP/7.2]** **Outline OEMP [EN010158/APP/7.3]** **Outline DEMP [EN010158/APP/7.4]**	Pre-construction, operation and decommissioning by the Principal Contractor and Operations Team.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.9	
298	Best practice mitigation measures would further reduce any residual effects on water quality during operation. Such measures include: • No vehicle, equipment or material storage is permitted within the Flood Zone 2 or Flood Zone 3 or within 20m of watercourses, where practicable. • Vehicles to be inspected at the start of each day, and vehicles	N/A	O											**X**	**Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
	showing signs of fuel/oil drips, missing fuel caps, or damaged hydraulics would be rejected and not used on Site before repair. • Spill kits would contain as a minimum: spill booms, granules, mats and gully covers.																		
299	Cleaning of Solar PV modules would be undertaken using demineralised water which can be supplied either via bowser from off-site sources or filtered from rainwater harvesting water supplies on Site.	N/A	O											X		**Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.9	
300	The Rosefield Substation and BESS compounds will incorporate appropriate added pollution mitigation measures, such as oil bunds and firewater storage, to ensure potential pollution impact to watercourses is minimal. All surface water runoff from these areas would also pass through a SuDS treatment train (sequence of sustainable drainage systems).	N/A	O											X		**Outline BSMP [EN010158/APP/7.9]** **Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.9	
301	Maintenance visits would be timed to ensure there is no staff presence at times of increased flood risk. Furthermore, monitoring of the Site can be undertaken remotely via CCTV.	N/A	O											X		**Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.9	
302	If flooding is anticipated, personnel would be notified to leave the Site.	N/A	O											X		**Outline OEMP [EN010158/APP/7.3]**	Operation by the Operations Team.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.9	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic												Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water					
303	Monitoring of silt management.	It would be best practice to monitor the effectiveness of silt management works during the construction and decommissioning phases, particularly immediately following prolonged periods of rainfall to ensure silt-laden runoff has not entered the watercourse.	C D											**X**		**Outline CEMP [EN010158/APP/7.2]** **Outline DEMP [EN01058/APP/7.4]**	Construction and decommissioning by the Principal Contractor.	**ES Volume 2,Chapter 12: Water [EN010158/APP/6.2]**, Section 15.12	
304	The Site will be reinstated in accordance with any approved detailed DEMP(s). The detailed DEMP(s) will be subject to the approval of the local planning authority at the time of decommissioning.	N/A	D	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**		**Outline DEMP [EN01058/APP/7.4]**	Decommissioning by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]**	
305	The decommissioning phase would see the land returned to the landowner. The permanently diverted PRoWs would not be altered any further and would remain, post-decommissioning of the Proposed Development. Subject to discussion with the landowner, it is assumed that the permissive footpaths would be removed at the end of operation.	N/A	D					**X**						**X**		**Outline DEMP [EN01058/APP/7.4]**	Decommissioning by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]**	
306	If night-time operation is required, the closest residents to the works shall be notified of the start and completion of the works. The plant would be installed and operated such that noise levels do not exceed a level of 45dB LAeq at the closest neighbouring noise-sensitive locations during night-time operation of equipment. Depending on the plant used, location, pit depth, etc., this may	N/A	D								**X**					**Outline DEMP [EN01058/APP/7.4]**	Decommissioning by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
	require the use of acoustic screening using temporary solid barriers with a height of at least that of the drilling equipment located in proximity (around 10m or less) of the trenchless drilling work.																	
307	Monitoring and reporting of requirements in the DEMP.	Monitoring and reporting will be undertaken for the duration of the decommissioning phase in order to demonstrate the effectiveness of the requirements and measures set out in the detailed DEMP(s) and related construction controls and allow for corrective action to be taken where necessary.	D	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN01058/APP/7.4]**	Decommissioning by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]**	
308		As part of the monitoring process the designated Environmental Manager will be present onsite throughout the decommissioning phase and when new activities are commencing. The Environmental Manager will conduct weekly Site inspections, monthly compliance checks against the environmental management system including management plans and monitoring. They will also conduct a management system audit in line with the project management plan, engage with senior leadership in line with the project management plan and	D	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN01058/APP/7.4]**	Decommissioning by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]**	

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Commitment Reference	Commitment	Monitoring	Project Phase	Relevant Aspect/Topic											Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance and Details
				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
		record assurance activities in line with the contractor's management system; including reporting and analysing data, trends and improvements to the management system.																
309		The Principal Contractor will be informed of any deviations from the detailed DEMP(s) as soon as possible following identification of such issues, and if required further follow up will be sought. The Environmental Manager would also act as day-to-day contact with Local Planning Authority and other regulatory agencies such as the Environment Agency.	D	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN01058/APP/7.4]**	Decommissioning by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]**	
310		During decommissioning, the Environmental Manager will conduct walkover surveys to ensure all requirements of the detailed DEMP(s) are being met. Action from these surveys will be documents on an Environmental Action Schedule, discussed with the Site Manager for programming requirements and issued weekly for actioning.	D	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN01058/APP/7.4]**	Decommissioning by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]**	
311		The Environmental Manager will also arrange regular formal inspections and audits to ensure the requirements of the detailed DEMP(s) are	D	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN01058/APP/7.4]**	Decommissioning by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
		being met. Details of monitoring, inspection and audits to be undertaken will be provided in the detailed DEMP(s). After completion of the works, the Environmental Manager will conduct a final review.																
312	The detailed DEMP(s) will be updated if it is necessary to add additional control measures, with a full review as required throughout the decommissioning period. Existing control measures and mitigation will not be amended without prior agreement with Local Planning Authority.	N/A	D	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN01058/APP/7.4]**	Decommissioning by the Principal Contractor.	**Outline DEMP [EN01058/APP/7.4]**	
313	Perimeter fencing surrounding the Solar PV development will be offset at least 10m from existing ponds.	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
314	Perimeter fencing around the Solar PV development will comprise wooden and/or metal posts and wire mesh ‘deer-proof fencing’.	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
315	CCTV system will include passive infra-red detectors around the Solar PV development to reduce the use of lighting	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
316	CCTV will be deployed at regular intervals to provide a sufficient field of view within the boundaries of each field, typically one spaced every 50-60 metres.	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
317	Solar PV mounting structure foundations will be helical or driven piled vertical posts or screw piles or	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	

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				Air Quality	Biodiversity	Climate	Cultural Heritage	Landscape and Visual	Land and Groundwater	Soil	Noise and Vibration	Population	Transport and Access	Water				
	ballasted or shallow concrete foundations to avoid piling depths (if required) due to ground conditions or to reduce the impact on areas of archaeological sensitivity.																	
318	Solar PV mounting structures will be steel frames.	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
319	Solar PV modules will be dark blue or black in colour and held with a metallic frame structure.	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
320	Solar PV modules will be bifacial with an anti-reflective coating.	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
321	String inverters will be mounted below the Solar PV modules.	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
322	String inverters will be grey or white in colour.	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
323	Centralised inverters, transformers and switchgear will be mounted on adjustable legs or metal skids on concrete pads, concrete columns, or foundation slab, or compacted hardcore material, surrounded by permeable hardstanding, or screw piles as either Independent Outdoor Equipment or ITS.	N/A	C O D	X	X	X	X	X	X	X	X	X	X	X	**Design Commitments [EN010158/APP/5.9]**	Construction by the Principal Contractor.	**Design Commitments [EN010158/APP/5.9]**	
324	The scope of remediation work and associated monitoring of ground gas or groundwater would be agreed by Buckinghamshire Council and the Environment Agency	N/A	PC					X							**Outline CEMP [EN010158/APP/7.2.2]**	Pre-construction by the Applicant.	**ES Volume 2,Chapter 11: Land and Groundwater [EN010158/APP/6.2.2]**	

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325	Any bridge crossing of the existing Claydon Brook watercourse will be designed to promote longitudinal connectivity for flora and fauna along the riparian corridor.	N/A	PC C		X											**Design Commitments [EN010158/APP/5.9.3]** **Outline LEMP [EN010158/APP/7.6.2]**	Construction by the Principal Contractor.	**ES Volume 2, Chapter 7: Biodiversity [EN010158/APP/6.2.2]**	

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3. References

- **Ref. 1:** Planning Inspectorate (2024). Nationally Significant Infrastructure Projects: Commitments Register. Available online: https://www.gov.uk/guidance/nationally-significant-infrastructure-projects-commitments-register

Rosefield
Solar Farm

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Application Document Ref: EN010158/APP/6.4.2
Planning Inspectorate Scheme Ref: EN010158