West Burton Solar Project

Environmental Statement Chapter 22:

Mitigation Schedule

Prepared by: Lanpro Services

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West Burton
SOLAR PROJECT

Contents

Issue Sheet

Report Prepared for: West Burton Solar Project Ltd.
DCO Submission

Environmental Statement Chapter 22: Mitigation Schedule

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22 Mitigation Schedule

22.1 Summary and Introduction

22.1.1 The Environmental Statement (ES) has been prepared on behalf of the Applicant in relation to an application to be made to the Secretary of State (SoS) for Department of Energy Security and Net Zero (ESNZ), under Section 37 of the Planning Act 2008.

22.1.2 The Application is for a Development Consent Order (DCO) for the construction, operation and maintenance, and decommissioning of West Burton Solar Project. The Development is classified as a Nationally Significant Infrastructure Project (NSIP) under the Planning Act 2008. An Environmental Impact Assessment (EIA) has been undertaken for the Development and as such The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (the EIA Regulations) apply.

22.1.3 This Mitigation Schedule forms part of the application to the Planning Inspectorate (PINS) for a DCO for the Scheme. Its purpose is to summarise the mitigation measures identified within the ES **[EN010132/APP/WB6.2]**.

22.2 Mitigation Measures

22.2.1 The Mitigation Schedule includes all mitigation which the Applicant is committed to in the ES, including both embedded mitigation measures (i.e., those which are inherently part of the design or form part of the application) and additional mitigation. It also includes all mitigation, whether to mitigate significant effects or not-significant effects. The mitigation measures are set out in Table 22.1.

22.2.2 The Applicant will ultimately be responsible for ensuring that all mitigation measures are implemented and all DCO requirements are complied with. Where it is proposed that the mitigation measure will be delivered by the appointed contractor or operator for the Scheme, this is specified in Table 22.1.

22.3 Monitoring

22.3.1 Monitoring is not included in this summary unless mitigation actions rely on the findings of such monitoring. Monitoring is proposed in respect of certain aspects of the Scheme and any monitoring will be undertaken in accordance with the monitoring provisions of various construction and operational management plans to be approved by the relevant planning authorities pursuant to the Requirements of the draft DCO.

22.4 Securing The Measures

22.4.1 The Mitigation Schedule includes cross references to the draft DCO, identifying where the mitigation measure is secured by Requirement.

Shared Low Carbon and Island Green Power (IGP) Mitigation

22.4.2 Given the proximity of the Scheme with Cottam Solar Project (DCO application EN010133, now accepted for Examination) and Gate Burton Energy Park (DCO application EN010131, now accepted for Examination), the Applicant, Cottam Solar

Project Limited and Gate Burton Energy Park Limited have worked in partnership to identify areas where all projects can collaborate to manage and minimise environmental effects. A key example of this approach is the commitment to a Shared Cable Route Corridor. Other proposed commitments to joint mitigation are identified below:

22.4.3 Cultural Heritage: within the Shared Cable Route Corridor, a joint approach to archaeological mitigation. This will streamline mitigation and achieve a consistent approach within the shared area;

22.4.4 Water Environment: joint consultation with the Environment Agency and Trent Valley Internal Drainage Board for the purpose of pre-construction permits and consents should these be required;

22.4.5 Noise and Vibration and Air Quality: coordinated monitoring, and a Joint Community Liaison Group during construction of the Shared Cable Route Corridor;

22.4.6 Ecology and Nature Conservation: for the purpose of the Shared Cable Route Corridor, the Framework Construction Environmental Management Plan (CEMP) includes a commitment to working together where there is overlap in surveys, pre-construction mitigation and monitoring between projects; and

22.4.7 Traffic and Transport: commitment to a Joint Construction Traffic Management Plan which will include mitigation such as timing of HGV movements, staff travel routes and timings, coordination of deliveries, and shared banksmen provided at access points and PRoW.

Table 22.1: Mitigation Schedule

ES Chapter [EN010132/APP/WB6.2]	Phase of Development	Mitigation Measure	Embedded and/or Additional Mitigation	Where Secured / Requirement No. (Where a draft or outline plan has been submitted with the Application, the reference for the document is provided)	Responsibility (e.g. Applicant, Contractor)
Climate Change **[EN010132/APP/WB6.2.7]**	Construction and Decommissioning	Increasing recyclability by segregating construction waste to be re-used and recycled where reasonably practicable.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Climate Change **[EN010132/APP/WB6.2.7]**	Construction and Decommissioning	Adopting the Considerate Constructors Scheme (CCS) to assist in reducing pollution, including GHGs, from the Scheme by employing good industry practice measures.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Climate Change **[EN010132/APP/WB6.2.7]**	Construction, Operation and Decommissioning	Designing, constructing, and implementing the Scheme in such a way as to minimise the creation of waste and maximise the use of alternative materials with lower embodied carbon, such as locally sourced products and materials with	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 14: Operational Environmental Management	Contractor

		a higher recycled content where feasible.		Plan **[EN010132/APP/WB7.14].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	
Climate Change **[EN010132/APP/WB6.2.7]**	Construction	Reusing suitable infrastructure and resources already available within the Sites where possible to minimise the use of natural resources and unnecessary materials (e.g., reusing excavated soil for fill requirements).	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor
Climate Change **[EN010132/APP/WB6.2.7]**	Construction	Encouraging the use of lower carbon modes of transport by identifying and communicating local bus connections and pedestrian and cycle access routes to/ from the Scheme to all construction staff, and providing appropriate facilities for the safe storage of cycles.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** . 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Climate Change **[EN010132/APP/WB6.2.7]**	Construction	Liaising with construction personnel for the potential to implement staff minibuses and car sharing options.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor

				15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** . 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	
Climate Change **[EN010132/APP/WB6.2.7]**	Construction	Implementing a Travel Plan to reduce the volume of construction staff and employee trips to the Scheme.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** . 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Climate Change **[EN010132/APP/WB6.2.7]**	Construction	Switching vehicles and plant off when not in use and ensuring construction vehicles conform to current EU emissions standards.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor

Climate Change **[EN010132/APP/WB6.2.7]**	Construction	Conducting regular planned maintenance of the construction plant and machinery to optimise efficiency.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Climate Change **[EN010132/APP/WB6.2.7]**	Construction and Decommissioning	Access to the Site during construction (and operation) will be taken from permeable and existing farm tracks accessed from the local highway network. This limits the potential for increased surface water runoff rates and sedimentation effects during construction.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** . 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Climate Change **[EN010132/APP/WB6.2.7]**	Operation	Fixed panels should be located within areas of the Site which are located in Flood Zone 1 whereas tracker panels can be located in areas that are within Flood Zones 2 and 3 on the basis of the additional flood protection offered by their potential to be stowed horizontally.	Embedded	5: Approval of detailed design.	Applicant

Climate Change **[EN010132/APP/WB6.2.7]**	Construction and Decommissioning	Health and safety plans and risk assessments developed for construction and decommissioning activities will be required to account for potential climate change impacts on workers, such as flooding and heatwaves.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Climate Change **[EN010132/APP/WB6.2.7]**	Operation	Regular planned maintenance of the Scheme will also be conducted during operation to optimise efficiency.	Embedded	14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].**	Operator and Contractor
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction and Operation	Scheme location: located within a relatively flat lower-lying landscape. To the east, the existing landform that forms the ridgeline at Hemswell Cliff provides natural containment of the Scheme.	Embedded	5: Approval of detailed design.	Applicant
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction and Operation	Residential receptors: R022, R023, R024, R046, R050, R051, R056, R068, R069, R074, R085, R098, R0100: Panels to be set a minimum of 15m from adjacent PRoW, panels to be set a minimum of 50m from adjacent residential property boundaries, panels to be set minimum of 20m from major watercourses and minimum of 8m from minor watercourses and panels to be set a	Embedded; Additional	5: Approval of detailed design. 14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].** 7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant and Contractor

		minimum of 3m from Site boundaries. Existing hedges are also to be allowed to grow out and will be managed to a height of 5m. Hedgerow trees will be encouraged to grow out to add further thickening and growth to the field boundaries with the addition of new hedgerow trees as appropriate, randomly spaced along the length of existing hedges.		13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction and Operation	Retention of existing woodland/scrub and hedgerow cover. Existing hedgerows will be allowed to grow out and will be managed to a height of 5m. Hedgerow trees will be encouraged to grow out to add further thickening and growth to field boundaries.	Embedded	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Operator
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Operation	Colour palette of the solar panels to reduce their prominence within the landscape and against the sky.	Embedded	5: Approval of detailed design.	Applicant
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction and Operation	Avoidance of flood storage areas. Soil improvements through modification from intensive agriculture.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 14: Operational Environmental Management	Operator and Contractor

				Plan **[EN010132/APP/WB7.14].** 5: Approval of detailed design.	
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation, Decommissioning	Lighting will be limited to downlights within substations and battery banks only and used when maintenance or security is required. Lighting will be PIR operated and will be calibrated to vehicle and personnel movements. All visible lighting would be 50W, installed at a maximum height of 4m with cowls fitted to prevent light spillage. Lighting required within panelled areas will be manually operated. There will be no lighting on perimeter fencing.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Applicant, Contractor, Operator
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Operation	Solar panels set back from the Site boundary.	Embedded	5: Approval of detailed design.	Applicant
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	Use of green infrastructure publications, policy and recognised guidance at the baseline stage to establish a full understanding of the vegetation characteristics of the receiving landscape. Proximity to local ecological designations and	Embedded	5: Approval of detailed design. 7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant

		sensitive ecological receptors has been considered with a 20m set off distance to designated area incorporated into the Scheme.			
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	5m to boundary of fence line for potential new woodland and shelterbelts and to allow for thickening and growth of existing vegetation.	Embedded	5: Approval of detailed design 10: Approval of fencing and other means of enclosure	Applicant
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	Use of landscape character publications, policy and recognised guidance at the baseline stage to establish a full understanding of the important landscape characteristics of the receiving landscape.	Embedded	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction	Retention of existing woodland/scrub and hedgerow cover along recreational routes. Public Rights of Way (PRoW) would be buffered with 15m to outer edge of solar panel to allow for establishment of existing hedgerows and woodland cover to each side. Proximity to major watercourses would allow 20m set off distance to the outer edge of the solar panels. Proximity to minor watercourses and ditches has	Embedded	18: Public Rights of Way Management Plan **[EN010132/APP/WB6.3.14.3]** . 7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant and Contractor

		allowed an 8m minimum set off from watercourses.			
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	The retention of existing woodland/scrub and hedgerow cover that helps provide local distinctiveness and cement the intrinsic landscape character. Panels would have a minimum off set of 4m from all existing hedgerows. Proximity to existing woodland has been considered with a 20m set off distance to the outer edge of the solar panels incorporated into the design of the Scheme.	Embedded	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].** 13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 5: Approval of detailed design	Applicant
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	Proximity of residential properties with 50m (min) from boundary curtilage to outer edge of solar panels to allow marginal areas of vegetation to establish fully as screening.	Embedded	5: Approval of detailed design 7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	New planting to provide a more varied landscape in terms of management and vegetation. Overall enhancement and strengthening of the Local Character Area with new planting and grassland reversion, where appropriate.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].** 5: Approval of detailed design	Applicant

Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	Reinforcement of existing woodland/scrub and hedgerow cover with new planting. The addition of new hedgerow trees as appropriate, randomly spaced along the length of existing hedges. New planting to provide long term screening, structural benefits to the landscape and wider green infrastructure and habitat connectivity benefits.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].** 13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Applicant/ Contractor
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	Solar panels to benefit from increased woodland and vegetation cover provided by the new planting.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant/ Contractor
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	Additional tree and hedge planting adjacent to watercourses to reinforce the riparian character whilst avoiding undue impact upon the open character of the area.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant/ Contractor
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction Operation	Planting along the boundary of substations and energy storage areas to soften and screen any light spill.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant/ Contractor
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction Operation	Provide a 'filtering' effect through the uses of vegetation characteristic of the local landscape. To include a 5m minimum wide shelterbelts.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].** 5: Approval of detailed design	Applicant/ Contractor

Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	Planting to provide screening and habitat connectivity, particularly along transport routes	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant/ Contractor
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	Woodland planting to ensure the long-term presence of woodland where it is in accordance with Landscape Character	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant/ Contractor
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	New native hedgerow planting to field boundaries with hedgerow trees added to further screen views.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant/ Contractor
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	Use of faster growing species to provide quicker screening/filtering effects. Grassland reversion around settlements to respect historic integrity of former environs and introduce a less intensively managed context. Potential for grazing around settlement edges.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant/ Contractor
Landscape and Visual Impact **[EN010132/APP/WB6.2.8]**	Construction, Operation	New planting along the margins of the solar panel parcels.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant/ Contractor
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Construction activities which have the potential to impact on protected species, such as localised habitat clearance, ditch/watercourse	Embedded	8: Outline Ecological Protection and Mitigation Strategy **[EN010132/APP/WB7.17].**	Contractor

		engineering works will be overseen by an Ecological Clerk of Works.			
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Potentially impactful works to be limited to particular seasons or months.	Embedded	8: Outline Ecological Protection and Mitigation Strategy **[EN010132/APP/WB7.17].** 7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Contractor
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Details of task-specific Method Statements to be produced regarding potentially ecologically impactful works	Embedded	8: Outline Ecological Protection and Mitigation Strategy **[EN010132/APP/WB7.17].** 7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Contractor
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Details on the location and specification of temporary and permanent protective fencing to be installed prior to the onset of construction.	Embedded	5: Approval of detailed design	Applicant
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Restrictions on the use of fuels and other contaminants in proximity to boundary features and other sensitive habitats.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 8: Outline Ecological Protection and Mitigation	Contractor

				Strategy **[EN010132/APP/WB7.17].**	
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Measures to limit the dust generating activities, such as when working in dry conditions.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Measures to limit the mobilisation of sediments and run-off, such as when working in very wet conditions or the use of silt fencing when working in ditches.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Construction personnel to receive a Toolbox Talk detailing the presence of sensitive ecological features at or close to the Sites and will be informed that no materials should be stored in or vehicles drive, through buffer zones.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction Operation	Buffers between field boundary habitats and the nearest array/battery hardware have been utilised according to a set of ecological importance criteria	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant

Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction Operation	Standoff of at least 3m between the perimeter security fencing and array structure.	Embedded	5: Approval of detailed design 10: Approval of fencing and other means of enclosure	Contractor
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction Operation	The perimeter of the array and energy storage sites are fenced for security purposes. Internal field boundaries will not be fenced, so as to aid the achievement of differing habitat management prescriptions within the buffers and the array areas.	Embedded	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Operation	Management of habitats under operational arrays by grazing or cutting.	Embedded	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Operator
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Construction phase lighting is, anticipated to be minimal and only used where required in the winter months where normal working hours coincide with the hours of darkness.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction	Construction access routing restrictions.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Operation	Operational lighting only for maintenance activities during the hours of darkness and only	Embedded	14: Operational Environmental Management	Operator

		associated with substation structures and the BESS		Plan **[EN010132/APP/WB7.14].**	
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Construction, Operation	Habitat creation including: 7.1km of newly planted native hedgerow with irregularly spaced native trees; 13.7ha of native shelter belt/woodland; 462ha of new seeded, diverse grassland within PV arrays; 53ha of tussocky grassland at field margins; 46.5ha of flower-rich pollinator seeding at field margins and easements and 9.1ha of tall herb-rich grassland habitat at field margins.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant, Contractor, Operator
Ecology and Biodiversity **[EN010132/APP/WB6.2.9]**	Operation	Bird Mitigation Habitat.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Operator
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Operation	Measures in Scheme Design. Fixed solar panel units will be 0.6 m above ground level. There is potential to increase the height of the lowest part of the panel by raising the lower end of the panel mounting frames, which could provide at least 0.6 m of freeboard above any flooding. The	Embedded	5: Approval of detailed design.	Applicant / Operator

		maximum specified height of the upper edge of the fixed panels will remain 3.5 m above ground levels. Fixed panels will be located within areas of the Scheme which are located in Flood Zone 1 or in areas where flood depths do not exceed 0.6 m. Tracker panel units will be mounted on raised frames (usually raised a minimum of 0.4m when on maximum rotation angle) and will therefore, be raised above surrounding ground levels and fitted with a tracking system. During times of flooding, solar panels may be stowed by the tracking system algorithm onto a horizontal plane, to the minimum post height of 2.3 m above ground level. This ensures that all sensitive and electrical equipment on the solar panel is raised to a minimum of 2.3 m above ground level in the horizontal position. Tracker panels can be located in areas of the Site which are located in Flood Zone 1, 2 and 3 on the basis of the additional flood protection			

		offered by their potential to be stowed horizontally. 8m easements have been established around all watercourses, including Main Rivers and Ordinary Watercourses and 9m from IDB asset.			
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction and Decommissioning	Separation of construction / decommissioning groundworks from drainage ditches has been maximised.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Operator / Contractor
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction, Operation and Decommissioning	Existing access tracks, where possible, will be retained, limiting the need to develop new access which can disturb and compact soils. New accesses have been designed to avoid crossing drainage ditches, where possible.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Operator/ Contractor
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction, Operation and Decommissioning	Easements have been embedded into the design for watercourses, in conjunction with the CEMP, to avoid	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor

		potential effects on the local receptors.			
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction, Operation and Decommissioning	Site access during construction, operation and decommissioning will be taken from permeable and existing farm tracks accessed from the local highway network.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction and Operation	The following embedded design measures have been incorporated into individual sub-sites: Critical infrastructure to be located within Flood Zone 1; The majority of conversion units have been located within Flood Zone 1, where this is not feasible, the conversion units will be raised 0.6 m above the 1% AEP + CC flood level or where this is not possible as high as practicably possible; Flexibility for tracker or fixed panels have been built into the EIA where tracking panels are to be programmed to tilt horizontally during periods of flooding to ensure 2.3m of clearance above ground.	Embedded	5: Approval of detailed design 14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].**	Applicant
Hydrology, Flood Risk and Drainage	Operation	Permeable surfacing (Type 2 aggregate) for the Site access,	Embedded	5: Approval of detailed design.	Operator / Contractor

[EN010132/APP/WB6.2.10]		ensuring that surface water is retained where it falls and is allowed to infiltrate to subsoils as per the existing situation.		11: In accordance with outline drainage strategy (ES Appendix 10.1: Flood Risk Assessment and Drainage Strategy Report **[EN010132/APP/WB6.3.10.1]** ; and associated site-specific Appendices **[EN010132/APP/WB6.3.10.2 – 10.5]**).	
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Operation	Installation of linear infiltration trenches around Critical infrastructure (the substations and battery storage compounds) and all hardstanding such as concrete bases. Infiltration trenches will ensure that any surface water generated by hardstanding is retained adjacent to the infrastructure, allowing it to infiltrate to subsoils as per the existing situation.	Embedded	5: Approval of detailed design. 11: In accordance with outline drainage strategy (ES Appendix 10.1: Flood Risk Assessment and Drainage Strategy Report **[EN010132/APP/WB6.3.10.1]** ; and associated site-specific Appendices **[EN010132/APP/WB6.3.10.2 – 10.5]**).	Operator / Contractor
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Operation	Implementation of improved grassland seeding at the leeward edge of all panels to ensure underlying ground cover is	Embedded	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].** 11: In accordance with outline drainage strategy (ES	Operator / Contractor

		strengthened to reduce surface water runoff from the panels.		Appendix 10.1: Flood Risk Assessment and Drainage Strategy Report **[EN010132/APP/WB6.3.10.1]** ; and associated Annexes **[EN010132/APP/WB6.3.10.2 – 10.5]**).	
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction and Operation	SuDS will be designed such as to not exacerbate surface water risk from the Site.	Embedded	11: In accordance with outline drainage strategy (ES Appendix 10.1: Flood Risk Assessment and Drainage Strategy Report **[EN010132/APP/WB6.3.10.1]** ; and associated site-specific Appendices **[EN010132/APP/WB6.3.10.2 – 10.5]**).	Operator / Contractor
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction and Operation	Runoff from equipment and access tracks to be directed to permeable SuDS features with contributions being made from permeable surfacing, wildflower planting and linear infiltration trenches.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Operator / Contractor
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction and Operation	Surface water runoff from the battery storage area will be contained by local bunding and attenuated within gravel subgrade of lined permeable SuDS features prior to being passed forward to the local land drainage	Embedded	11: In accordance with outline drainage strategy (ES Appendix 10.1: Flood Risk Assessment and Drainage Strategy Report **[EN010132/APP/WB6.3.10.1]**	Operator / Contractor

		network. In the event of a fire a system of automatically self-actuating valves at the outfalls from the battery storage areas will be closed, isolating the battery storage areas drainage from the wider environment.		; and associated site-specific Appendices **[EN010132/APP/WB6.3.10.2 – 10.5]**). 6: Battery Storage Safety Management Plan **[EN010132/APP/WB7.9].**	
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction and Decommissioning	Where necessary a temporary drainage network will be installed prior to the commencement of construction and decommissioning operations.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Operator / Contractor
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction and Decommissioning	Where necessary a temporary surface water drainage system will be installed prior to the commencement of construction and decommissioning operations.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Operator/ Contractor
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction, Operation and Decommissioning	Adoption of a robust maintenance plan to minimise flood risk as a result of blockages throughout the lifetime of the Scheme	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 14: Operational Environmental Management	Contractor

				Plan **[EN010132/APP/WB7.14].** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	
Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction and Decommissioning	Silt-laden runoff measures to include: Earthworks and excavations to be done during drier months; Easements of 10m adjacent to all receptors; Site compounds and stockpiles to be located ideally at least 30m away from receptors; Adoption of drainage system to prevent silt-laden runoff from entering surface water drains, watercourses and ponds without treatment; Earth stockpiles to be seeded as soon as possible; Wheel washing facilities at Site entrances; and Tools and plants to be washed out and cleaned within designated areas.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor

Hydrology, Flood Risk and Drainage **[EN010132/APP/WB6.2.10]**	Construction and Decommissioning	Measures to control spillages and leaks of pollutants include: Fuel to be stored in accordance with relevant regulations; Fuel to be stored in impermeable and bunded areas; Refuelling to take place off Site if possible; Ensure plant/ machinery/ vehicles are regularly inspected and in good working order; Fixed plant used on Site to be self-bunded; Mobile plant to be kept in good working order; Production of an Emergency Response Plan; Secure the Site to prevent vandalism; Construction and decommissioning debris to be prevented from entering water bodies; Surface water drains/ watercourse crossings to be inspected for potential silt laden runoff; and	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor

		Concrete wash water to be contained and removed from Site.			
Ground Conditions and Contamination **[EN010132/APP/WB6.2.11]**	Construction, Decommissioning	Site workers will be made aware of the possibility of encountering localised contamination through toolbox talks and good standards of personal hygiene, including welfare facilities on-site and the use of appropriate levels of personal protective equipment (PPE), will be enforced.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Operator / Contractor
Ground Conditions and Contamination **[EN010132/APP/WB6.2.11]**	Construction, Operation and Decommissioning	Site workers will adhere to health, safety and environmental precautions such as appropriate PPE, provision of suitable welfare facilities and traffic management plans in order to reduce the potential for any accidents and incidents.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor and Operator
Ground Conditions and Contamination **[EN010132/APP/WB6.2.11]**	Construction	Watching brief from an environmental consultant may be required in the area of West Burton Power Station.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor and Environmental Consultant

Ground Conditions and Contamination **[EN010132/APP/WB6.2.11]**	Construction	Discovery Strategy protocol will be drawn up to ensure that any contamination identified during construction is assessed by a specialist in land contamination.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor
Ground Conditions and Contamination **[EN010132/APP/WB6.2.11]**	Construction and Decommissioning	Methods will be used to reduce the amount of dust, e.g., washing down of vehicle's wheels, dampening down.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	
Ground Conditions and Contamination **[EN010132/APP/WB6.2.11]**	Construction and Operation	Bulk fuels and any chemicals used on the Site will be stored appropriately, within an impervious bund of 110% of the volume of the container to reduce the potential for any contamination source in the event of a container failure / leak of battery fire and associated fire waters.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].**	Contractor and Operator
Ground Conditions and Contamination **[EN010132/APP/WB6.2.11]**	Operation	Implementation of further measures included within the Battery Safety Management Plan to control pollution.	Embedded	6: Battery Storage Safety Management Plan **[EN010132/APP/WB7.9].**	Contractor and Operator
Ground Conditions and Contamination **[EN010132/APP/WB6.2.11]**	Operation	Implementation of further measures included within the Soils Management Plan to preserve the soil resource at the Site.	Embedded	19: Soils Management Plan **[EN010132/APP/WB7.16].**	Applicant / Contractor

Minerals **[EN010132/APP/WB6.2.12]**	Construction	Cable Route Corridor has been designed so that wherever possible cable routes follow existing infrastructure corridors or alternatively follow the edge of significant landscape features rather than directly crossing open fields	Embedded	5: Approval of detailed design.	Applicant and Contractor
Minerals **[EN010132/APP/WB6.2.12]**	Decommissioning	Decommissioning and removal of plant and structures to restore the baseline condition for the identified mineral resources. Where infrastructure is left in the ground such as cable ducts after decommissioning these do not present any significant constraint to future mineral extraction.	Embedded	21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Minerals **[EN010132/APP/WB6.2.12]**	Construction	To maintain access to Sturton Le Steeple quarry the cable ducting will be installed using horizontal directional drilling techniques beneath the access road to maintain uninterrupted access for quarry related traffic.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor and Operator
Cultural Heritage **[EN010132/APP/WB6.2.13]**	Construction	Archaeological Watching Brief.	Embedded	12: Archaeological Written Scheme of Investigation (WSI) **[EN010132/APP/WB6.3.13.7]** .	Applicant

Cultural Heritage **[EN010132/APP/WB6.2.13]**	Construction	Targeted 'strip, map and record' excavation where appropriate.	Embedded	12: Archaeological Written Scheme of Investigation (WSI) **[EN010132/APP/WB6.3.13.7]** .	Applicant
Cultural Heritage **[EN010132/APP/WB6.2.13]**	Construction	Archaeological evaluation trenching within the Shared Cable Corridor where appropriate.	Embedded	12: Archaeological Written Scheme of Investigation (WSI) **[EN010132/APP/WB6.3.13.7]** .	Applicant
Cultural Heritage **[EN010132/APP/WB6.2.13]**	Operation	The Scheme has been designed to remove some archaeologically sensitive areas such as to step back from above ground heritage assets.	Embedded	5: Approval of detailed design.	Applicant
Cultural Heritage **[EN010132/APP/WB6.2.13]**	Construction	Use of concrete feet for the panels and above ground cabling ducts in archaeologically sensitive areas.	Embedded	5: Approval of detailed design. 12: Archaeological Written Scheme of Investigation (WSI) **[EN010132/APP/WB6.3.13.7]** .	Contractor, Applicant
Cultural Heritage **[EN010132/APP/WB6.2.13]**	Construction	'Informative trenching' in archaeologically sensitive areas.	Embedded	12: Archaeological Written Scheme of Investigation (WSI) **[EN010132/APP/WB6.3.13.7]** .	Applicant
Cultural Heritage **[EN010132/APP/WB6.2.13]**	Construction	Use of horizontal directional drilling (HDD) beneath areas known to	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Applicant, Contractor

		contain important archaeological remains.			
Cultural Heritage **[EN010132/APP/WB6.2.13]**	Construction	Temporary fencing to be erected around Scheduled Monuments.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Applicant, Contractor
Cultural Heritage **[EN010132/APP/WB6.2.13]**	Construction, Operation	Landscaping screening has been provided in response to the presence of above ground heritage assets.	Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].**	Applicant
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	Signs to direct construction vehicles associated with the development will be installed along the agreed construction traffic route. Delivery drivers, contractors and visitors will be provided with a route plan in advance of delivering to Site to ensure that vehicles follow the identified route.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** **.**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	Advisory signs informing contractors and visitors that parking is not permitted on-street in the vicinity of the Site or on the Site access road.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** **.**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	All signage on the designated route will be inspected daily by the Site Manager, to ensure they are kept in a well-maintained condition and located in safe and appropriate locations.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** **.**	Contractor

Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	A compound area for contractors will be set up on-Site including appropriate parking spaces. Contractors and visitors will be advised that parking facilities will be provided on-Site in advance of visiting the Site and that they should not park on-street.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	A wheel wash facility will be provided ahead of exiting the Site allowing vehicles to be hosed down so that no construction vehicles will take mud or debris onto the local highway network.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** .	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	A road sweeper will be provided for surrounding local roads along the designated route to alleviate any residual debris generated during the construction phase, as required.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** .	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	The Site will be secured at all times with a perimeter fence or temporary fencing.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	A requirement for engines to be switched off on-Site when not in use.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]**	Contractor

Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	Spraying of areas with water supplied as and when conditions dictate to prevent the spread of dust.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	Vehicles carrying waste material off-Site to be sheeted.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	Banksmen will be provided at the Site access junctions to indicate to construction traffic when it is safe for them to enter and exit the Site.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	All residents in the vicinity of the Site along the designated route will be provided with contact details of the Site Manager, which will also be provided on a Site-board at the Site access and egress junctions.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	A booking system will be set up to manage arrivals and departures to the Site.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	Agreement to a Road Condition Survey with the local highway authority.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** .	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	Works to enable abnormal load deliveries.	Embedded	15: Construction Traffic Management Plan	Contractor

				[EN010132/APP/WB6.3.14.2] .	
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	The safe use of PRoWs will be protected through the following measures: The provision of banksmen to hold vehicles if a PRoW user is present and advise PRoW users of the potential for construction vehicles to be present; Speeds to be limited to 10mph; Drivers will stop and give-way to any PRoW user that they encounter; Appropriate signage will be installed along the PRoW to make PRoW users aware of the construction activity; The PRoW will be kept clear of construction vehicles and apparatus outside of permitted construction hours so far as is practicable to do so; and Any damage to the surface of the footpath will be repaired as soon as practical. The surface will be returned to its original condition following construction.	Embedded	18: Public Right of Way Management Plan **[EN010132/APP/WB6.3.14.3]** .	Contractor

Transport and Access **[EN010132/APP/WB6.2.14]**	Operation	Providing suitable points of access for operations vehicles.	Embedded	5: Approval of detailed design.	Applicant
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	Where existing accesses are utilised, these will be widened and formalised as appropriate. Visibility splays will be kept clear throughout the construction period. On narrower sections on the highway, temporary pass-by bays will be created.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** **.**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Construction	Construction deliveries by HGV will be coordinated to arrive/depart between 09:30-16:30 to avoid the network peak hours of 08:00-09:00 and 17:00-18:00.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** **.**	Contractor
Transport and Access **[EN010132/APP/WB6.2.14]**	Operation	The planting of landscaping and screening (opaque fencing if necessary as an interim measure), to conceal any reflections from the panels, which could affect drivers on the local highway network and rail network.	Embedded Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].** 10: Approval of fencing and other means of enclosure.	
Transport and Access **[EN010132/APP/WB6.2.14]**	Decommissioning	The requirement for a Decommissioning Traffic Management Plan (DTMP) to be agreed with the local highway authority prior to Decommissioning will be secured through the DCO.	Embedded	21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor

Transport and Access **[EN010132/APP/WB6.2.14]**	Construction, Decommissioning	Encouraging Alternative Travel arrangements and the use of a Construction Worker Travel Plan to encourage car sharing and use of minibuses to consolidate trips.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** . 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	Unnecessary revving of engines will be avoided, and equipment will be switched off when not in use.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	Appropriate routing of construction traffic on public roads and along access tracks.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** . 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	Drop heights of materials will be minimised.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor

				21: Decommissioning Statement **[EN010132/APP/WB7.2]**	
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Operation, Decommissioning	Plant and vehicles will be sequentially started up rather than all together.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 14: Operational Environmental Management Plan **[EN010132/APP/WB7.14]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	Plant will always be used in accordance with manufacturers' instructions. Care will be taken to site equipment away from noise-sensitive areas. Where possible, loading and unloading will also be carried out away from such areas.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	Regular and effective maintenance by trained personnel will be undertaken to keep plant and equipment working to manufacturer's specifications.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor

Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	During noisy activities, localised screening of noise generating sources, such as temporary site hoarding should be implemented to minimise any potential impacts on nearby noise sensitive receptors.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	Working hours onsite are likely to be carried out Monday to Friday 07:00 – 18:00 and between 08:00 and 13:30 on Saturdays save in certain specified circumstances.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	A construction noise monitoring scheme will be developed and agreed with appropriate stakeholders following appointment of a principal contractor and prior to commencement of construction works through the CEMP.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	Consideration will be given to traffic routing, timing and access points to the DCO Site to minimise noise impacts at existing receptors as detailed construction working methods are developed.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor

Noise and Vibration **[EN010132/APP/WB6.2.15]**	Construction, Decommissioning	Management of Heavy Goods Vehicles (HGV) within the DCO Site and being let onto the highway network.	Embedded	15: Construction Traffic Management Plan **[EN010132/APP/WB6.3.14.2]** . 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Operation	The distance from the nearest residential receptors to the substation and energy storage facility and onsite transformers and inverters has been maximised.	Embedded	5: Approval of detailed design.	Applicant
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Operation	3.0m high acoustic barriers have been included as part of the design within the Site. Acoustic barriers will be of a close boarded construction with a minimum mass per square metre of 10 kg/m^2.	Embedded	16: In accordance with operational noise assessment.	Contractor
Noise and Vibration **[EN010132/APP/WB6.2.15]**	Operation	Acoustic louvres providing noise reduction of at least 10 dB are proposed at certain locations around Conversion Units at all sites.	Embedded	16: In accordance with operational noise assessment.	Contractor
Glint and Glare **[EN010132/APP/WB6.2.16]**	Operation	Dwelling receptors: for all dwellings where a moderate adverse impact is predicted the developer has proposed screening in the form of	Embedded Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3].** 10: Approval of fencing and other means of enclosure.	Contractor / Operator

		vegetation (and opaque fencing if necessary, as an interim measure).		14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].**	
Glint and Glare **[EN010132/APP/WB6.2.16]**	Operation	Road receptors: for all sections of road where a moderate adverse or higher impact is predicted the developer has proposed screening in the form of vegetation (and opaque fencing if necessary as an interim measure).	Embedded Additional	7: Landscape and Ecological Management Plan **[EN010132/APP/WB7.3]** 10: Approval of fencing and other means of enclosure.	Contractor / Operator
Glint and Glare **[EN010132/APP/WB6.2.16]**	Operational	If required, the backtracking angle of the solar panel tracking system can be changed to mitigate solar glare.	Additional	14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].**	Contractor / Operator
Glint and Glare **[EN010132/APP/WB6.2.16]**	Operational	Where Glint and Glare cannot be mitigated through panel tilt and would require instant screening, a temporary 3m high wooden solid hoarding may be required until adjacent planting has matured.	Additional	14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].**	Contractor / Operator
Air Quality **[EN010132/APP/WB6.2.17]**	Construction and Decommissioning	Site-specific mitigation measures to control dust in accordance Institute of Air Quality Management (IAQM) guidance. Dust management plans will be out in place containing measures as set out in the Construction Dust Management	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor / Operator

		Plans (DMP) submitted with the application and the CEMP and DEMPs for the Scheme.		21: Decommissioning Statement **[EN010132/APP/WB7.2].**	
Air Quality **[EN010132/APP/WB6.2.17]**	Construction and Decommissioning	Record kept of all dust and air quality complaints, cause(s) will be identified and appropriate measures to reduce emissions will be taken in a timely manner. A further record will be kept of the measures taken. Additionally, make the complaints log available to the local authority when asked.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor / Operator
Air Quality **[EN010132/APP/WB6.2.17]**	Construction and Decommissioning	Carry out regular site inspections (visual dust monitoring) to monitor compliance with the DMP, record inspection results, and make an inspection log available to the local authority when asked.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor / Operator
Air Quality **[EN010132/APP/WB6.2.17]**	Construction and Decommissioning	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.	Additional	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor / Operator
Air Quality **[EN010132/APP/WB6.2.17]**	Construction	Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor / Operator

		required for a particular process, in which case ensure that appropriate additional control measures are in place.			
Air Quality **[EN010132/APP/WB6.2.17]**	Operational	Site-specific measures to reduce the risk of battery fire and associated air quality impacts.	Embedded	6: Battery Storage Safety Management Plan **[EN010132/APP/WB7.9].**	Contractor / Operator
Air Quality **[EN010132/APP/WB6.2.17]**	Operational	Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor / Operator
Air Quality **[EN010132/APP/WB6.2.17]**	Operational	Ensure an adequate water supply on the site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate and use covered skips.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor / Operator
Air Quality **[EN010132/APP/WB6.2.17]**	Operational	Minimise drop heights from loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor / Operator
Air Quality **[EN010132/APP/WB6.2.17]**	Operational	Ensure equipment is readily available on site to clean any dry spillages, and clean up spillages as soon as	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor / Operator

		reasonably practicable after the event using wet cleaning methods.			
Air Quality **[EN010132/APP/WB6.2.17]**	Construction and Decommissioning	Record any exceptional incidents that cause dust and/or air emissions, either on- or offsite, and the action taken to resolve the situation in the logbook.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor / Operator
Air Quality **[EN010132/APP/WB6.2.17]**	Construction and Decommissioning	Trackout mitigation measures are to be instated during construction and decommissioning such as: water-assisted dust sweepers, avoiding dry sweeping of large areas, covering of vehicle loads, inspecting haul routes, install hard surfaced haul routes, implement a wheel washing system, ensuring there is a hard surfaced road between the wheel washing facility and the access and access gates to be located at least 10m from receptors where possible.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor
Socio-Economic, Tourism and Recreation **[EN010132/APP/WB6.2.18]**	Construction	Measures to be identified to manage overlapping construction activities across the Sites within the Scheme; Measures to manage overlapping construction activities across cumulative projects.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor

Socio-Economic, Tourism and Recreation **[EN010132/APP/WB6.2.18]**	Construction	Measures to locate temporary workers in temporary rental accommodation to moderate the level of demand for temporary accommodation will be considered against impacts on visitors and tourism.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor
Socio-Economic, Tourism and Recreation **[EN010132/APP/WB6.2.18]**	Construction, Operation and Decommissioning	The workforce to be directed to primary healthcare facilities with greatest capacity.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]** 21: Decommissioning Statement **[EN010132/APP/WB7.2]**	Contractor
Socio-Economic, Tourism and Recreation **[EN010132/APP/WB6.2.18]**	Construction	Recreational routes crossing or within the Order limits will be sought to be kept open during construction, with any crossing or traffic conflict points overseen by spotters or banksmen for HGVs.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1]**	Contractor
Socio-Economic, Tourism and Recreation **[EN010132/APP/WB6.2.18]**	Construction, Operation and Decommissioning	Focus on employment opportunities and the upskilling of young professionals through apprenticeships and workforce training.	Additional	20: Skills, Supply Chain and Employment Plan **[EN010132/APP/WB7.10].**	Applicant
Socio-Economic, Tourism and Recreation **[EN010132/APP/WB6.2.18]**	Construction, Operation and Decommissioning	Enhancement measures to support local education and skills uplift through supporting STEM education	Additional	20: Skills, Supply Chain and Employment Plan **[EN010132/APP/WB7.10].**	Applicant

		and careers at primary, secondary and college schools.			
Socio-Economic, Tourism and Recreation **[EN010132/APP/WB6.2.18]**	Construction Operation	Reskilling opportunities for agricultural workers.	Additional	20: Skills, Supply Chain and Employment Plan **[EN010132/APP/WB7.10].**	Applicant
Socio-Economic, Tourism and Recreation **[EN010132/APP/WB6.2.18]**	Construction	Temporary closures of PRoWs, if required, will be supported by appropriate amount of notice and diversions where feasible – duration of closures will be minimised so far as is practicable.	Embedded	18: Public Rights of Way Management Plan **[EN010132/APP/WB6.3.14.3]** **.**	Applicant / Contractor
Agriculture **[EN010132/APP/WB6.2.19]**	Operation	The design process has taken account of Best and Most Versatile Land and this has been avoided where possible to reduce the amount of this type of land being impacted.	Embedded	5: Approval of detailed design.	Applicant
Agriculture **[EN010132/APP/WB6.2.19]**	Construction, Operation, Decommissioning	A Soils Management Plan (SMP) will be agreed as a Requirement of the DCO. The aim of the SMP is the preservation of the soil resource at the Site.	Embedded	19: Soils Management Plan **[EN010132/APP/WB7.16].**	Applicant / Contractor
Waste **[EN010132/APP/WB6.2.20]**	Construction	The separation of the main waste streams on-site, prior to transport to approved, licensed third party waste facilities, including WEEE reprocessors, for recycling or disposal.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor

				21: Decommissioning Statement **[EN010132/APP/WB7.2].**	
Waste **[EN010132/APP/WB6.2.20]**	Construction and Decommissioning	Off-site pre-fabrication, where reasonably practical, including the use of pre-fabricated structural elements, cladding units, mechanical and electrical risers, packaged plant rooms, welfare units and site offices.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Waste **[EN010132/APP/WB6.2.20]**	Construction	Burning of waste or unwanted materials is not to be permitted on-site.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor
Waste **[EN010132/APP/WB6.2.20]**	Construction	All hazardous materials to be properly sealed in sealed containers to be stored in appropriately protected and bunded storage areas.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor
Waste **[EN010132/APP/WB6.2.20]**	Construction and Operation	Licensed carriers to remove and keep records of waste materials being removed from site.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].**	Contractor

Waste **[EN010132/APP/WB6.2.20]**	Operation	Management of Operational Waste. The amount and type of operational waste will be recorded and transported offsite using licensed carriers, including WEEE reprocessors, in accordance with the relevant regulations.	Embedded	14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].**	Operator
Waste **[EN010132/APP/WB6.2.20]**	Decommissioning	Re-use and recycling of infrastructure. Infrastructure such as PV panels and BESS will be recycled as far as is practicable. It is expected that a Decommissioning Resource Management Plan will be required to manage the disposal of waste.	Embedded	21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Contractor
Other Environmental Matters – Human Health **[EN010132/APP/WB6.2.21]**	Construction, Operation, Decommissioning	Mitigation measures are embedded within the Scheme as set out in the topic chapters to reduce effects (such as noise, air quality, landscape) and as such will mitigate effects on the local community and existing facilities from a human health perspective.	Embedded	5: Approval of detailed design. 6: Battery Storage Safety Management Plan **[EN010132/APP/WB7.9].** 13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 14: Operational Environmental Management	Applicant / Contractor / Operator

				Plan **[EN010132/APP/WB7.14].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	
Other Environmental Matters – Human Health **[EN010132/APP/WB6.2.21]**	Construction, Decommissioning	Personal Protective Equipment (PPE). Construction personnel will be required to wear PPE during construction such as dust masks.	Embedded	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	Applicant / Contractor / Operator
Other Environmental Matters – Major Accidents and Disasters **[EN010132/APP/WB6.2.21]**	Construction, Operation, Decommissioning	Risk Assessment and Management Plans. The risk of major accidents and disasters during construction, operation and decommissioning will be addressed through relevant risk assessments and management plans.	Embedded	5: Approval of detailed design 6: Battery Storage Safety Management Plan **[EN010132/APP/WB7.9].** 13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Applicant / Contractor / Operator

				14: Operational Environmental Management Plan **[EN010132/APP/WB7.14].** 21: Decommissioning Statement **[EN010132/APP/WB7.2].**	
Other Environmental Matters – Telecommunications, Utilities and Television **[EN010132/APP/WB6.2.21]**	Construction	The offsets required to be maintained to identified services as directed by service providers has informed the design. During construction, precautionary measures of working will be adopted to include locating utilities outside of know utilities protected zones. Mapping and ground penetrating radar will be used.	Embedded / Additional	13: Construction Environmental Management Plan **[EN010132/APP/WB7.1].**	Contractor