

1 September 2026

The Planning Inspectorate
c/o QUADIENT
69 Buckingham Avenue
Slough
SL1 4PN

Application Reference: EN0110012

Light Valley Solar

Applicant Submission –Deadline 1 (1 September 2026)

Dear Examining Authority,

Summary of documents included within this Deadline 2 submission

The documents submitted at Deadline 2 are set out in tabulated form in Annex A (new documents) and Annex B (updated documents) of this letter.

These include documents requested by the Examining Authority in the Rule 8 letter, alongside a number of documents submitted voluntarily by the Applicant to assist the examination and in response to actions arising from the first round of hearings in July 2026.

Requirements of the Rule 8 Letter for Deadline 2

The Rule 8 letter set out the following requirements for Deadline 2 and the Applicant has set out how it has complied with this in the table below

Requirement	Compliance
Applicant's summary of matters raised in oral submissions at OFH1 and the applicant's responses	The Applicant considers that the issues raised at the OFH have all been set out in Interested Parties Deadline 1 submissions. The responses made to those submissions at this Deadline are consistent with what was stated by the Applicant at the OFHs, so no additional submission is made.

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Requirement	Compliance
Comments on Local Impact Reports and Comments on Written Representations	The Applicant is submitting four documents: • Response to North Yorkshire Council's Local Impact Report • Response to Statutory Bodies Deadline 1 Submissions • Response to Parish Council and Non-Statutory Groups Deadline 1 Submissions Response to Public Deadline 1 Submissions. Please note that this document does not include a response to Nick Billingham [REP1-048]. As this representation involves a large number of specific questions, the Applicant needs more time to ensure that they are appropriately answered. The Applicant will provide a full response to this representation as soon as possible after Deadline 2. The latter two documents explain how the Applicant has responded to both Written Representations and other Deadline 1 submissions.
Revised Documentation Updates	As set out in Annex B. Please note: • these updates include dealing with the Errata identified by the ExA in its ISH1 Action Points; ○ With regard to ES Appendix 10.4 and Figure 10.5 (sheet 3 and 5), this has been reviewed and the correction made to figure 10.5 Sheet 3 with VP61 location amended. A minor update has been made to Appendix 10.4 however no change is needed for Figure 10.5 (sheet 5). The tree labels are correctly referring to the edge of Gateforth Wood therefore no update is required for VP20 • the updated documents account for discussion with stakeholders and the Applicant's responses to Deadline 1 submissions; • the updates to the policy compliance tracker and planning statement incorporate the recent update to the NPPF; • there are no planning agreements or obligations currently proposed for the Proposed Development; • negotiations in respect of Protective Provisions are set out in the Land Rights and Negotiations Tracker [updates alongside this submission]; and • there are no further updates in respect of securing other consents, save for: ○ in respect of the proposed LoNI for water voles, where the position is that a Water Vole Management Plan has been submitted to Natural England for their review and to therefore enable them to issue the LoNI; and



Requirement	Compliance
	- o formal section 150 consent has been obtained from the IDBs and NYC (included in Annex C of this letter). As the Protective Provisions with the EA have been agreed, the Applicant is anticipating that section 150 consent should be able to be included within the SoCG with the EA to be submitted at Deadline 3. The Applicant particularly notes that the updates include: • Outline Environmental Masterplan [EN0110012/APP/LVS/02.12]: Updated as a response to discussions with the Internal Drainage Board (IDB) to ensure appropriate stand-off distances are maintained from IDB-maintained watercourses and drainage features. Minor amendments made to buffer zones and associated landscape planting proposals where necessary. • Archaeological Mitigation Strategy [EN0110012/APP/LVS/07.11 ref]: Updated with completed geophysical surveys along the Cable Route Corridor. • ES Appendix 6.4 Bat Report [EN0110012/APP/LVS/06.03.06.04]: Updated to reflect further survey information since submission. The update does not identify any new or materially different environmental effects, nor does it alter the significance of effects previously reported. Accordingly, the overall conclusions of the Environmental Statement continue to apply. • ES Appendix 6.6 GCN Report [EN0110012/APP/LVS/06.03.06.06]: Updated to reflect further survey information since submission. The update does not identify any new or materially different environmental effects, nor does it alter the significance of effects previously reported. Accordingly, the overall conclusions of the Environmental Statement continue to apply.
Any further information requested by the ExA in Annex B of the Rule 18 letter or any Rule 17 letter	The requested Interrelationships Report has been submitted for Deadline 2. No Rule 17 letter has been issued.



Action Points

Alongside the issue of the Rule 8 letter, a number of Action Points were been published (in EV3-006 and EV5-010) following the July hearings as requiring submission at Deadline 2.

The Applicant provided responses to the actions for Deadline 1 from Compulsory Acquisition Hearing 1 and Issue Specific Hearing 1 that were required at Deadline 1. within the **Written Summary of Applicant's Oral Submissions at CAH1 [REP1-005]** and **Written Summary of Applicant's Oral Submissions at ISH1 [REP1-004]**.

Annex D of this letter sets out the points for Deadline 2 and where these are addressed within the information submitted for this deadline. As noted in that Annex, some of those responses are contained within this letter as they are not of sufficient length to necessitate a separate deliverable. These are set out below.

Agricultural Sensitivity test (response to Action Point ISH1-8)

A sensitivity test has been undertaken to consider the implications if all landscaping and planting areas were retained permanently and not restored to agricultural use. The assessment assumes that only woodland, tree, and scrub planting would result in permanent land-take, whereas meadow grassland areas and hedgerow improvements could remain in place and be re-integrated into agricultural use, including as agricultural field margin.

The assessed areas also include the proposed wet features within SDS 1, specifically the scrapes, whilst assuming that the surrounding grassland could resume agricultural use through grazing or mowing without needing further amendment.

The estimated additional permanent BMV land loss that would be associated with mitigation and habitat creation being retained across all of the Solar Development Sites, based on the parameters of the Outline Environmental Masterplan [APP-016] is estimated at 20.8 hectares, of which approximately 60% is in SDS1 are summarised below:

- Grade 1 – 0.6ha
- Grade 2 – 5.4ha
- Subgrade 3a – 14.8ha

Depending on the exact locations of the conversion units, the permanent infrastructure will occupy 19.1 ha of BMV agricultural land. Collectively, the permanent loss of BMV resulting from built infrastructure and permanent mitigation and habitat creation would be approximately 40ha. In the context of Selby District, with an estimated 46,000ha of BMV quality

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agricultural land, the permanent losses amount to up to around 0.09% of the BMV land resource.

Land of BMV quality is assessed as Very High or High sensitivity, and a permanent loss of more than 20 ha is a Major magnitude of change. The resulting effect on agricultural land across the Proposed Development as a whole, would be Major Adverse. In such a circumstance, such a loss would need to be balanced against the fact that the Proposed Development's permanent legacy would be the creation of 20.8 hectares worth of ecological habitat (and the retention of its Biodiversity Net Gain outcomes).

The areas of proposed native tree planting and woodland belts tend to be along field edges and as they are dispersed across all Solar Development Sites, the loss of farmable area within each applicable field parcel due to tree and scrub planting and tree belts is negligible.

Woodland blocks similarly tend to occupy field corners and many have been placed to square off irregular boundaries. Although there would be a permanent loss of farmable area and agricultural land quality, the effect on the practical farming and productivity of each field parcel affected is also likely to be negligible.

Noise modelling of tracker motors (response to Action Point ISH1-11)

Action Point ISH1-11 requests that the Applicant:

"Explain how the noise from multiple proposed tracker motors has been assessed for receptors for example PRow's and residential properties, including a mass movement of tracker panels at the end or start of a day. "

The following text presents the methodology, assumptions, and results of the noise modelling undertaken for the tracker motors, herein referred to as Tracking Solar PV Tables. Supporting figures are provided in Figure 1 and Figure 2 (Annex E of this cover letter).

Methodology

The noise modelling of the Tracking Solar PV Tables, has been undertaken in accordance with the methodology presented in **Environmental Statement Volume 1, Chapter 11: Noise and Vibration [APP-049]**. The three-dimensional noise model developed for the Environmental Statement (ES) has been used to assess noise emissions from the Tracking Solar PV Tables.



Further information regarding the assumptions and development of the three-dimensional noise model is provided in paragraphs 11.5.32 to 11.5.45 of **Environmental Statement Volume 1, Chapter 11: Noise and Vibration [APP-049]**.

Noise modelling has been undertaken for the following receptors:

- Woodhaven Boarding Kennels (receptor reference S7_R1); and
- Diverted Public Right of Way (PRoW) reference Bridleway 35.28/1/1 within Solar Development Site 1.

The PRoW is proposed to be diverted during operation of the Proposed Development, as illustrated in Figure 2.

These receptors represent a reasonable worst-case scenario as they are located closest to the proposed Tracking Solar PV Tables and are surrounded by solar arrays on multiple sides. Woodhaven Kennels is bordered by arrays on three sides, while the PRoW is located between arrays on both sides. Receptors located further from the solar arrays would be expected to experience lower noise levels due to increased distance from the source and screening effect from intervening structures.

Assumptions

In addition to the assumptions set out within **Environmental Statement Volume 1, Chapter 11: Noise and Vibration [APP-049]**, the assessment of the Tracking Solar PV Tables is based on the following:

- A sound pressure level of 52dB(A) at 1m from the motor that drives each Tracking Solar PV Table;
- All nearby Tracking Solar PV Tables are assumed to emit noise simultaneously. This represents a worst-case assessment of the potential for tracker panel movement, including the possibility of multiple panels moving at the same time;
- The motor associated with each Tracking Solar PV Table may be located at either end of the table. To minimise risk of any impact at noise sensitive receptors, motors would be positioned at the more distant end of the Tracking Solar PV Table, where practicable. An example of how the motors could be positioned is presented in Figure 1 and Figure 2 of this note;
- Predictions at residential receptors are undertaken at 4m above ground (representing first floor window height) as a worst-case scenario (to reduce any potential benefits from screening by intervening structures). For PRoWs the prediction is undertaken at



1.5m above ground (representing typical pedestrian head height). This is consistent with the approach taken for the assessment of other sources reported in the ES; and

- The Tracking Solar PV Tables are assumed to operate for 10 seconds every three minutes throughout the day. The panels would move progressively throughout the day such that a mass movement at the start or end of the day is unlikely to occur.

Assessment of effects

The results of the noise modelling are presented in Figure 1 for Woodhaven Boarding Kennels and Figure 2 for PRowWs.

At Woodhaven Kennels, the highest predicted specific sound level arising from the Tracking Solar PV Tables at the most affected façade is approximately 12dB $L_{Aeq,T}$. Consistent with BS 4142:2014+A1:2019¹, a +3dB character correction has been applied to account for the intermittency of the tracker motors, to predict the rating level of 15dB $L_{A,r,Tr}$ used for assessment.

The representative background sound level at Woodhaven Kennels was determined to be 36dB $L_{A90,T}$ for the night-time and 44dB $L_{A90,T}$ for the day. Further information on environmental sound surveying is provided in **Environmental Statement Volume 1, Chapter 11: Noise and Vibration [APP-049]**, **Appendix 11.1: Environmental Sound Survey [APP-171]**, and **Appendix 11.3: Operational Noise and Vibration Assumptions and Results [APP-173]**.

For both day and night, this predicted rating level associated with the Tracking Solar PV Tables is well below the measured background sound level for both day and night and is unlikely to be perceptible. In accordance with BS4142, the rating levels have a low impact. In addition, the noise contribution from the Tracking Solar PV Tables is negligible compared to other operational plant, such as the Conversion Units, and would not add perceptibly to the overall operational noise level at any noise sensitive receptor.

For PRow reference Bridleway 35.28/1/1, Figure 1 shows that predicted noise levels associated with the Tracking Solar PV Tables are considerably below the assessment criterion of 50 to 55 dB $L_{Aeq,T}$ adopted for PRowWs, as described in paragraph 11.5.45 of **Environmental Statement Volume 1, Chapter 11: Noise and Vibration [APP-049]**. On this basis, operational noise effects on users of PRowWs are assessed as not significant.

In conclusion, the assessment has considered a conservative worst-case scenario in which all nearby Tracking Solar PV Tables are assumed to emit noise simultaneously. The predicted

¹ BS 4142:2014+A1:2019 Methods for rating and assessing industrial and commercial sound



rating level at Woodhaven Boarding Kennels remains below the measured background sound level. Predicted noise levels at the assessed also PRow remain considerably below the adopted assessment criterion. Background sound levels are higher than the noise from Tracking Solar PV Tables even where at noise sensitive receptors where the quietest background levels exist. On this basis, the operation of the Tracking Solar PV Tables would not give rise to significant operational noise effects and the buffers included as embedded mitigation are appropriate.

Monk Fryston Bridge (response to Action Point ISH1-16)

Access to Solar Development Site 2 requires structural clearance of the A63 Monk Fryston Railway Bridge, which is the only structure along the route. Discussions are ongoing with North Yorkshire Council as the Technical Approval Authority (TAA) to carry out a more detailed structural assessment for the proposed AILs.

At this stage, in the absence of a more detailed assessment the suitability of the A63 Monk Fryston Railway Bridge cannot be confirmed.

There is a potential alternative route which avoids the A63 approaching from the east via Drax Power Station route from the M62 Junction 36 via the A645 towards Drax, A1041 towards Selby, A63 towards Monk Fryston and access to Solar Development Site 2. It has been confirmed that North Yorkshire Council would require assessment of the following structures along this route from Drax onwards if this route was taken:

- A645 Brigg Ln
- A1041 Pears
- A63 Oakney
- A63 Middle Ln Railway
- A63 William Jessop Canal
- A63 Hambleton

An important point to note is that if a structure fails a detailed assessment, this does not mean that the route cannot be used. In such a scenario, other remedial options would be explored to allow a crossing at this location, in agreement with North Yorkshire Council. This could include for example, the use of temporary bridging methods on top of the existing carriageway on the bridge.



The Applicant also notes that the technical requirements it is seeking to facilitate for these movements are consistent with those typically expected to deliver an AIL movement of this size. Movements of this nature are carried out regularly across the country and remedial options are deployed, appropriate to the route in question.

It is also the case that the structures being considered for traversal along the proposed routes are not known to be in a poor condition. Assessments are required as the structures have only been previously assessed by North Yorkshire Council for use by conventional traffic, as this is all they are required to do. Further assessments for AILs as are being investigated for the Proposed Development are costly and are considered case by case for the specific transport arrangements being proposed. It is therefore entirely the usual practice that it is a developer who is required to have structures assessed to understand the suitability for their project cargo to traverse those structures.

In this context, it is not the case that the route to Site 2 could not be used even if the bridge were to fail a structural assessment, and so the Applicant is confident that this route will be able to be used.

Flood Zone 3b and Standard of Protection (response to Action Points ISH1-24 and ISH-29)

In response to ISH1-24, the Applicant can confirm the position on Flood Zone 3b, which has been reflected in the **Flood Risk Assessment**, as updated at Deadline 2.

The Environment Agency's (EA) Flood Map for Planning identifies Flood Zones 1, 2 and 3 but does not distinguish between Flood Zone 3a and Flood Zone 3b (functional floodplain). The identification and delineation of Flood Zone 3b is typically undertaken by the relevant local planning authority, informed by the best available hydraulic modelling and local evidence. In this case, no locally defined Flood Zone 3b mapping is available from North Yorkshire Council, and therefore the Applicant was required to determine the extent of any functional floodplain using the best available information. Consequently, the Applicant's assessment of Flood Zone 3b was initially informed during the early stages of the project by Environment Agency Product Data.

For the purposes of the Flood Risk Assessment (FRA) [EN0110012/APP/LVS/06.03.15.01], Flood Zone 3b has also been considered in accordance with the definition set out in Table 2-1 of the FRA [EN0110012/APP/LVS/06.03.15.01] from the NPPF, namely:



- land having a 3.3% or greater annual probability of fluvial flooding in any year, taking account of the presence and operation of existing flood risk management infrastructure; and/or
- land which is intentionally designed to flood during flood events, such as washlands or flood storage areas.

The EA Product Data included model outputs for the 1 in 20-year (5% AEP) flood event for parts of the Proposed Development area, including Site 4. Whilst national planning policy guidance now refers to the 1 in 30-year (3.3% AEP) event when identifying functional floodplain, the 1 in 20-year model results represented the best available information at the time of the assessment. The Product Data indicated that the washland area located south of Birkin Road, forming the southern boundary of Site 4, is inundated during the 1 in 20-year event. The area is also recognised as land intentionally designed to flood and therefore meets the functional floodplain definition irrespective of any specific probability threshold. This informed the Applicant's identification of Flood Zone 3b and the subsequent omission of this area from the Order Limits.

The Applicant's approach was presented through consultation, and North Yorkshire Council did not raise any objection to the methodology used to identify functional floodplain.

In addition to the Environment Agency Product Data, hydraulic modelling detailed within Annex I of the **FRA [updated alongside this submission]** was undertaken using the Lower Aire Study model and the Lower Ouse and Wharfe Washlands Study model received from the EA. Annex I Paragraph 4.3.1 of the Arthian modelling report confirms that the Lower Aire Study model was run for the 3.3% AEP present-day flood event. Annex I Paragraph 5.3.1 confirms that the Lower Ouse and Wharfe Washlands Study model was similarly run for the 3.3% present-day event. The Applicant notes that whilst the modelling undertaken includes simulations of the 3.3% AEP events for both catchments, figures showing the spatial extent of the 3.3% AEP flood events were not included within the Application. However, the underlying model results exist and plans illustrating the 3.3% AEP event (akin to **Figure 15.15 [updated alongside this submission]**) can be provided should the Examining Authority consider them helpful.

If helpful to the Examining Authority plans can be provided showing the Proposed Development mapped against the 1 in 30-year flood event (3.3% AEP) outputs to illustrate the probabilistic functional floodplain in follow up to this submission. The only element of the Proposed Development considered to be in the functional floodplain (as depicted by the 1 in 30 model in the absence of NYC having yet established it in a SFRA) is the Cable Corridor where it crosses beneath the River Ouse and the associated floodplain, including the flood storage area



at Wistow. No above-ground permanent development is proposed within this area; the permanent cable will be below-ground and therefore not result in any loss of floodplain storage or impede flows.

The question in ISH1-24 in respect of site selection was answered in the **Applicant's Written Summary of Oral Submissions at ISH1** on pages 50-51 (the text there answering both this question and ISH1-26).

The questions under ISH-29 are addressed in Annex F of this cover letter.

Construction Programme (response to Action Point ISH-47)

In Annex A of **Action Points from Issue Specific Hearing 1 [EV5-010]**, the Applicant has noted the comment regarding Paragraph 2.7.1 and Table 2-6 in **ES Chapter 2: The Proposed Development [APP-040]** and the ExA's desire to seek clarification of the duration of the construction period.

The Applicant's position is that Table 2-6 presents an indicative construction programme rather than a definitive construction schedule, and therefore shows the construction period as 29 months, as this has been assessed as a likely construction period. The durations shown are illustrative of a realistic construction sequence, but it is the case that the environmental assessments have considered the relevant worst-case assumptions for each topic where appropriate either end of the overall range of 24-36 months within which that 29 weeks sits. Accordingly, no amendment to this section of ES Chapter 2 is considered necessary.

Use of Artificial Intelligence

In accordance with the Planning Inspectorate's advice note on the 'Use of artificial intelligence in casework evidence' (last updated 20 February 2026), the Applicant confirms that there has been use of AI in the documents listed in Appendix A limited to assist with summarising responses and collating content. For the avoidance of doubt, it has not been used to include new or additional content in the Applicant's responses. All AI-assisted text has been thoroughly checked by an appropriately knowledgeable or qualified person before inclusion. This means that all text has been validated for its content and accuracy by the author before submission of the documents.

If there are any queries about the content of this letter, please do not hesitate to contact me.

Yours sincerely

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Annex A – New documents submitted at Deadline 2

Document Reference	Documents title	Version Number
EN0110012/APP/LVS/03.01.01	Schedule of Changes to Draft Development Consent Order	1
EN0110012/APP/LVS/08.09	Schedule of Changes to Book of Reference	1
EN0110012/APP/LVS/08.10	Permitted Preliminary Works Management Plan	1
EN0110012/APP/LVS/08.11	Interrelationships Report	1
EN0110012/APP/LVS/08.12	Technical Note – Plot Optionality	1
EN0110012/APP/LVS/08.13	Technical Note – Updated Ground Nesting Bird Baseline	1
EN0110012/APP/LVS/08.14	Technical Note - Plot Sizing	1
EN0110012/APP/LVS/08.15	Technical Note – Cable Route Access	1
EN0110012/APP/LVS/08.16	Applicant's Cover Letter – Deadline 2	1
EN0110012/APP/LVS/08.17	The Applicant's Response to Local Impact Report	1
EN0110012/APP/LVS/08.18	The Applicant's Response to Submissions Received at Deadline 1 - Statutory Bodies	1
EN0110012/APP/LVS/08.19	The Applicant's Response to Submissions Received at Deadline 1 - Parish Councils and Non-Statutory Organisations	1
EN0110012/APP/LVS/08.20	The Applicant's Response to Submissions Received at Deadline 1 - Members of the Public	1

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Annex B – Updated Documents Submitted at Deadline 2

Document Reference	Documents title	Version Number	Reason for update/amendments
EN0110012/APP/LVS/01.03	Guide to the Application	5	Updated to reflect Deadline 2 submission
EN0110012/APP/LVS/02.02	Land, Crown Land and Special Category Land Plans	2	Response to Action Point CAH1-9
EN0110012/APP/LVS/02.12	Outline Environmental Masterplan Site 1 Sheet 1	2	To reflect updated buffers and discussions with the IDB.
EN0110012/APP/LVS/02.12	Outline Environmental Masterplan Site 1 Sheet 2	2	To reflect updated buffers and discussions with the IDB.
EN0110012/APP/LVS/02.12	Outline Environmental Masterplan Site 2	2	To reflect updated buffers and discussions with the IDB.
EN0110012/APP/LVS/02.12	Outline Environmental Masterplan Site 3	2	To reflect updated buffers and discussions with the IDB.
EN0110012/APP/LVS/02.12	Outline Environmental Masterplan Site 4 Sheet 1	2	To reflect updated buffers and discussions with the IDB.
EN0110012/APP/LVS/02.12	Outline Environmental Masterplan Site 4 Sheet 2	2	To reflect updated buffers and discussions with the IDB.
EN0110012/APP/LVS/02.12	Outline Environmental Masterplan Site 6 & 7	2	To reflect updated buffers and discussions with the IDB.
EN0110012/APP/LVS/02.12	Outline Environmental Masterplan Site 8	2	To reflect updated buffers and discussions with the IDB.

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Document Reference	Documents title	Version Number	Reason for update/amendments
EN0110012/APP/LVS/03.01	Draft Development Consent Order	2	Updates to reflect Response to Relevant Representations Part 1 and consistency checks undertaken by the Applicant. Response to ISH1-2
EN0110012/APP/LVS/03.02	Explanatory Memorandum	2	Updated to account for the changes to DCO Response to ISH1-1
EN0110012/APP/LVS/04.01	Statement of Reasons	2	Updated to reflect any relevant changes as requested in Rule 8
EN0110012/APP/LVS/04.03	Book of Reference	2	Updated to reflect any relevant changes as requested in Rule 8
EN0110012/APP/LVS/04.04	Land and Rights Negotiations Tracker	3	Updated to reflect any relevant changes as requested in Rule 8 Response to action points CAH1-12 and CAH1-13.
EN0110012/APP/LVS/05.02	Planning Statement	2	Errata corrections and revised NPPF (August 2026)
EN0110012/APP/LVS/05.06	Design Parameters and Commitments document	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions
EN0110012/APP/LVS/05.11	Shadow Habitats Regulations Assessment	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions
EN0110012/APP/LVS/05.12	Policy Compliance Document	2	Rule 8 request and revised NPPF (August 2026)
EN0110012/APP/LVS/08.02	The Applicant's Response to Relevant Representations Part 1	2	Errata corrections to cross references

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Document Reference	Documents title	Version Number	Reason for update/amendments
EN0110012/APP/LVS/05.02.01	Planning Statement Appendix 1 Planning History	2	Errata corrections and revised NPPF (August 2026)
EN0110012/APP/LVS/05.02.02	Planning Statement Appendix 2 Grey Belt Assessment	2	Revised NPPF (August 2026)
EN0110012/APP/LVS/06.01.02	ES Volume 1 Chapter 2 – the Proposed Development	2	Response to action points ISH1-9 and ISH1-47
EN0110012/APP/LVS/06.01.03	ES Volume 1 Chapter 3 – Alternatives and Design Iteration	2	Errata corrections, clarification on cable route optionality Response to Action Point CAH1-4
EN0110012/APP/LVS/06.01.05	ES Volume 1 Chapter 5 – Agricultural Land and Soils	2	Errata corrections
EN0110012/APP/LVS/06.01.06	ES Volume 1 Chapter 6 – Biodiversity	2	Errata corrections and updates to reflect updated Bat and GCN survey reports.
EN0110012/APP/LVS/06.01.08	ES Volume 1 Chapter 8 – Cultural Heritage	2	Errata corrections
EN0110012/APP/LVS/06.01.10	ES Volume 1 Chapter 12 – Ornithology	2	Errata corrections
EN0110012/APP/LVS/06.01.13	ES Volume 1 Chapter 13 – Socioeconomics	2	Errata corrections
EN0110012/APP/LVS/06.01.14	ES Volume 1 Chapter 14 – Traffic and Movement		Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions
EN0110012/APP/LVS/06.01.16	ES Volume 1 Chapter 16 – Other Environmental Matters	2	Errata corrections

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Document Reference	Documents title	Version Number	Reason for update/amendments
EN0110012/APP/LVS/06.01.17	ES Volume 1 Chapter 17 – Cumulative and In- Combination Effects	2	Errata corrections
EN0110012/APP/LVS/06.02.03.04	ES Volume 2 – Figure 3.4 Cable Route Corridor Refinement from Scoping to DCO Application Submission	2	Errata corrections
c	ES Volume 2 - Figure 06.10 GCN eDNA Results	2	Update to reflect eDNA survey results
EN0110012/APP/LVS/06.02.10.05	Environmental Statement Volume 2 – Figure 10.5 Viewpoints Plan	2	Errata corrections
EN0110012/APP/LVS/06.02.15.04	ES Volume 2 - Figure 15.4 Groundwater and Surface Water Designations	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.05	ES Volume 2 - Figure 15.5 WER - Surface Water Bodies	2	Update to respond to Action Point ISH28 Response to Relevant Representations Part 1 – Errata on naming of watercourse.
EN0110012/APP/LVS/06.02.15.09	ES Volume 2 - Figure 15.9 Risk of Flooding from Surface Water		Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.10	ES Volume 2 - Figure 15.10 Risk of Flooding from Rivers and Seas	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.11	ES Volume 2 - Figure 15.11 Risk of Flooding from Reservoirs	2	Response to Action Point ISH28

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EN0110012/APP/LVS/06.02.15.15	ES Volume 2 - Figure 15.15 Design Event (1 in 100-year plus Climate Change)	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.16	ES Volume 2 - Figure 15.16 Credible Maximum Scenario Depth	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.17	ES Volume 2 - Figure 15.17 Credible Maximum Scenario Velocity	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.18	ES Volume 2 - Figure 15.18 Sensitivity Test (0.1% AEP)	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.19	ES Volume 2 - Figure 15.19 Breach 1 (1% AEP plus Climate Change)	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.20	ES Volume 2 - Figure 15.20 Breach 1 (0.1% AEP plus Climate Change)	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.21	ES Volume 2 - Figure 15.21 Breach 2 (1% AEP plus Climate Change)	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.22	ES Volume 2 - Figure 15.22 Breach 2 (0.1% AEP plus Climate Change)	2	Response to Action Point ISH28

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Document Reference	Documents title	Version Number	Reason for update/amendments
EN0110012/APP/LVS/06.02.15.23	ES Volume 2 - Figure 15.23 Direct Rainfall Model Solar Development Site 1 (1% AEP plus Climate Change)	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.24	ES Volume 2 - Figure 15.24 Direct Rainfall Model Solar Development Site 1 (0.1% AEP plus Climate Change)	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.25	ES Volume 2 - Figure 15.25 Direct Rainfall Model Solar Development Site 2 (1% AEP plus Climate Change)	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.02.15.26	ES Volume 2 - Figure 15.26 Direct Rainfall Model Solar Development Site 2 (0.1% AEP plus Climate Change)	2	Response to Action Point ISH28
EN0110012/APP/LVS/06.03.01.03	Environmental Statement Volume 3 - Appendix 1.3 Commitments Register	2	Updates to reflect Response to Relevant Representations Part 1 and Part 2 Response to action point ISH1-22
EN0110012/APP/LVS/06.03.02.02	ES Volume 3 - Appendix 2.2 Indicative Engineering Drawings and Sections	2	Response to action point ISH1-32 and ISH1-34



Document Reference	Documents title	Version Number	Reason for update/amendments
EN0110012/APP/LVS/06.03.06.04	Environmental Statement Volume 3 – Appendix 6.4 Bat Report	2	Updated to reflect new survey data
EN0110012/APP/LVS/06.03.06.06	Environmental Statement Volume 3 – Appendix 6.6 GCN Report	2	Updated to reflect new survey data
EN0110012/APP/LVS/06.03.10.04	Environmental Statement Volume 3 - Appendix 10.4 Photography and Photomontages	2	Errata corrections
EN0110012/APP/LVS/06.03.14.01	Environmental Statement Volume 3 – Appendix 14.1 Transport Assessment	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions Response to action points ISH1-13, ISH1-17, ISH1-18, ISH1-20
EN0110012/APP/LVS/06.03.15.01	Environmental Statement Volume 3 - Appendix 15.1 Flood Risk Assessment	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions Response to action points ISH1-24 and ISH1-29
EN0110012/APP/LVS/06.03.15.02	Environmental Statement Volume 3 - Appendix 15.2 Water Environment Regulations (Water Framework Directive) Compliance Assessment	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions Response to action point ISH1-30, ISH1-31
EN0110012/APP/LVS/06.03.15.04	Environmental Statement Volume 3 - Appendix 15.4 Outline Drainage Strategy	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions

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Document Reference	Documents title	Version Number	Reason for update/amendments
EN0110012/APP/LVS/06.04	Non-technical Summary	2	Errata
EN0110012/APP/LVS/07.02	Outline Construction Environmental Management Plan	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions
EN0110012/APP/LVS/07.03	Outline Operational Environmental Management Plan	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions
EN0110012/APP/LVS/07.04	Outline Decommissioning Environmental Management Plan	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions
EN0110012/APP/LVS/07.05	Outline Landscape and Environmental Management Plan	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions Response to action point ISH1-36
EN0110012/APP/LVS/07.06	Outline Battery Safety Management Plan	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions Response to action point ISH1-33
EN0110012/APP/LVS/07.08	Outline Pollution and Spillage Response Plan	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions
EN0110012/APP/LVS/07.11	Archaeological Mitigation Strategy	2	Updated to include further geophysical survey data.

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Document Reference	Documents title	Version Number	Reason for update/amendments
EN0110012/APP/LVS/07.12	Outline Construction Traffic Management Plan	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions Response to action point ISH1-14,
EN0110012/APP/LVS/07.14	Outline Soil Resource Management Plan	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions
EN0110012/APP/LVS/07.16	Water Resource Assessment	2	Updates to reflect Response to Relevant Representations Part 1, Deadline 1 Submissions

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Annex C- Section 150 Consents

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Write to us at:
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[REDACTED]

From:

Sent:

To:

Cc:

Subject: [EXTERNAL] RE: Light Valley Solar - NYC consent to disapply Land Drainage Act provisions as LLFA

Good morning,

North Yorkshire Council is aware that there are parts of the Order Limits which are not within the remit of either the Ouse and Derwent IDB or the Selby Area IDB, and therefore fall within North Yorkshire Council's jurisdiction as the Lead Local Flood Authority (LLFA). In its capacity as LLFA, the North Yorkshire Council confirms its agreement to the disapplication of the following standard provisions:

- (a) section 23 (prohibition of obstructions, etc. in watercourses) of the Land Drainage Act 1991;*
- (b) section 32 (variation of awards) of the Land Drainage Act 1991; and*
- (c) the provisions of any byelaws made under section 66 (powers to make byelaws) of the Land Drainage Act 1991.*

Kind regards,



OUSE & DERWENT INTERNAL DRAINAGE BOARD

(A Member of the York Consortium of Drainage Boards)

=====

Wednesday 19 August 2026

[REDACTED]
Pinsent Masons
30 Crown Place
Earl Street
London
EC2A 4ES

Dear **[REDACTED]**

Planning Application Number: EN0110012
Planning Application Description: Application by Light Valley Solar Limited for an order granting development consent for the Light Valley Solar project

The Board writes in relation to the above application currently being examined by the Planning Inspectorate.

Subject to the agreed Protective Provisions for the protection of drainage authorities remaining within the Development Consent Order, the Board agrees the disapplication of the below:

- (a) section 23 of the Land Drainage Act 1991;
- (b) section 32 (variation of awards) of the Land Drainage Act 1991; and
- (c) the provisions of any byelaws made under section 66 (powers to make byelaws) of the Land Drainage Act 1991.

Yours faithfully,

[REDACTED]
Senior Planning Officer
Email: Planning@yorkconsort.gov.uk



[REDACTED]

From: [REDACTED]
Sent: 13 May 2026 13:14
To: [REDACTED]
Cc: [REDACTED]
Subject: [EXTERNAL] RE: Light Valley Solar | Draft PPs for Selby Area IDB [PM-AC.FID6952122]

Good afternoon [REDACTED],

In response the previous emails and the Protective Provisions agreed:

To the extent that the Selby Area Internal Drainage Board is the relevant body, the Selby Area Internal Drainage Board agrees to the disapplication of the following standard provisions in the Light Valley Solar Development Consent Order:

- (a) section 23 (prohibition of obstructions, etc. in watercourses) of the Land Drainage Act 1991;*
- (b) section 32 (variation of awards) of the Land Drainage Act 1991;*
- (c) the provisions of any byelaws made under section 66 (powers to make byelaws) of the Land Drainage Act 1991;*
- (d) the provisions of any byelaws made under, or having effect as if made under, paragraphs 5, 6 or 6A of Schedule 25 (byelaw making powers of the authority) to the Water Resources Act 1991; and*
- (e) section 118 (consent request for discharge of trade effluent into public sewer) of the Water Industry Act 1991.*

Kind regards,
For and on behalf of the Shiregroup of Internal Drainage Boards,

[REDACTED]
Asset Manager & Consents Officer

[REDACTED]

Annex D- Deadline 2 actions from CAH1 and ISH1

Compulsory Acquisition Hearing 1 (CAH1)

PINS Action Ref	Action	Where it has been addressed
CAH1-4	Clarify the mechanism or approach that would ensure compulsory acquisition powers would only be exercised for the final routes where optionality is sought eg CRC1-4 or CRC1-4a. Explain the approach to how and when affected persons would be informed that their land or rights would no longer be interfered with. To check and update Environmental Statement (ES) Chapter 3, paragraph 3.5.15 for accuracy in relation to CRC1-4 and CRC1-4a.	Technical Note on Plot Optionality [EN0110012/APP/LVS/08.12] submitted at Deadline 2. Updated text within Chapter 3 Alternatives and Design Iteration [EN0110012/APP/LVS/06.01.03] Updated draft DCO [EN0110012/APP/LVS/03.01] and schedule of changes to the DCO [EN0110012/APP/LVS/03.01]
CAH1-5	Explain why the optionality of CRC3-4 and CRC3-4a remains necessary in context of consent being granted for the third-party development referred to in ES Chapter 3, paragraph 3.5.15.	Technical Note on Plot Optionality [EN0110012/APP/LVS/08.12] submitted at Deadline 2.
CAH1-6	Provide a list that identifies the land plots or rights that would fall away if optional elements of the proposed development were not taken forward including CRC1-4, CRC1-4a, CRC3-4, CRC3-4a and all three access options for SDS8.	Technical Note on Plot Optionality [EN0110012/APP/LVS/08.12] submitted at Deadline 2.
CAH1-9	Provide on a plot-by-plot basis, the justification for the extent of land identified on the submitted Land Plans and could be subject to compulsory acquisition powers. Provide justification for seeking rights over plots of land where this extends beyond those which reflect lines of deviation and design parameters.	Technical Note on Plot Sizing [EN0110012/APP/LVS/08.14] submitted at Deadline 2. Version 2.0 [EN0110012/APP/LVS/02.02] of the Land, Crown and Special Category Land Plans.



Light Valley

PINS Action Ref	Action	Where it has been addressed
CAH1-10	Provide a table that identifies cable corridor access locations, their phase of use (i.e. construction, operational or decommissioning) and an explanation of the strategy and justification for the powers sought. Check for consistency between ES Chapter 14, table 14-23 and the submitted Land Plans.	Technical note on Cable Route Access [EN0110012/APP/LVS/08.15] submitted at Deadline 2.
CAH1-12	Update the land rights tracker to include objections from category 2 affected persons, the relevant plot numbers and current position of negotiations.	Version 3.0 of the Land and Rights Negotiation Tracker [EN0110012/APP/LVS/04.04] .
CAH1-13	Update land rights tracker to clearly identify the status of negotiation for each plot number (eg signed option agreement, heads of terms agreed or an objection).	Version 3.0 of the Land and Rights Negotiation Tracker [EN0110012/APP/LVS/04.04] .

Issue Specific Hearing 1 (ISH1)

PINS Action Ref	Action	Where it has been addressed
ISH1-1	Applicant to review the Explanatory Memorandum and to ensure that sufficiently detailed justification is included for all the sought powers in the draft Development Consent Order (dDCO) specific for the proposed Light Valley Solar development.	Updated text within the Explanatory Memorandum [EN0110012/APP/LVS/03.02].
ISH1-2	Review and update the definition of 'permitted preliminary works' in the dDCO including: - the removal of duplicate items within (d) and (j) - consideration whether a conflict exists by including specific reference to Work Nos - provision of justification for the these works specifically for the proposed Light Valley Solar development	Update to the Draft Development Consent Order [EN0110012/APP/LVS/03.01] and a Schedule of Changes to the Draft Development Consent Order [EN0110012/APP/LVS/03.01.01] .
ISH1-3	Review the dDCO to consider whether some permitted preliminary works need to be better controlled and how this would be secured, for example through requirements and/ or a phasing plan. This should consider the approach taken in the Springwell Solar Farm DCO.	Submission of a Permitted Preliminary Works Management Plan [EN0110012/APP/LVS/08.10] at Deadline 2
ISH1-8	Applicant to carry out a sensitivity test that considers the potential permanent loss of agricultural land due to the retention of proposed landscape and ecological features such as planting of hedgerows, woodland, and biodiversity net gain area post-operation.	This has been addressed within the main body of this Cover Letter, through a description of how the sensitivity test was undertaken and the significance of the assessment.
ISH1-9	Applicant to update ES Chapter 2 to remove reference to 15m depth of pile foundations associated with the battery energy storage system.	Update to Chapter 2 - The Proposed Development [EN0110012/APP/LVS/06.01.02] submitted at Deadline 2

PINS Action Ref	Action	Where it has been addressed
ISH1-11	Explain how the noise from multiple proposed tracker motors has been assessed for receptors for example PRowS and residential properties, including a mass movement of tracker panels at the end or start of a day.	Text within the main body of this Cover Letter addresses this action. The text presents the methodology, assumptions, and results of the noise modelling undertaken for the tracker motors. Annex E of this Cover Letter provides supporting figures.
ISH1-13	Update for accuracy the errors previously identified in baseline HGV numbers contained within ES Chapter 14 Table 14-14 (row 7) and the sensitivity classification of receptors along proposed construction route.	Update to Chapter 14 - Traffic and Movement [EN0110012/APP/LVS/06.01.14] and Transport Assessment [EN0110012/APP/LVS/06.03.14.01] submitted at Deadline 2
ISH1-14	Amend the outline Construction Traffic Management Plan to provide a consistent position on construction routes, confirming whether adherence is required or advised (see paragraphs 2.4.3 and 3.7.2).	Update to the outline Construction Traffic Management Plan [EN0110012/APP/LVS/07.12] submitted at Deadline 2
ISH1-16	Provide and show details of the potential alternative route for Abnormal Indivisible Loads to access Solar Development Site 2 should Monk Fryston Railway Bridge not be deemed usable.	This action is addressed as text within the main body of this Cover Letter.
ISH1-17	Confirm location of all accesses to the proposed Solar Development Site 2 and address inconsistencies between Appendix 14.1 and Access to Works plans. Provide plans showing the location and extent of any improvement works needed to demonstrate appropriate, safe and suitable accesses can be achieved, (where not already provided)	Updates to the visibility splays in Appendix 14.1 Transport Assessment [EN0110012/APP/LVS/06.03.14.01] The Access to Works Plans do not require update for Deadline 2.
ISH1-18	Clarify and confirm which access(es) would be used by Abnormal Indivisible Loads for the proposed Solar Development Site 2 and provide evidence (including plans) to show that these can accommodate such traffic (where not already provided).	Updates to Annex B or D in ES Vol 3 Appendix 14.1 Transport Assessment [EN0110012/APP/LVS/06.03.14.01]

PINS Action Ref	Action	Where it has been addressed
ISH1-20	Check location of access point from Scalm Lane (north) to the proposed Solar Development Site 8 and address inconsistencies with that shown on Access to Works Plans and contained in Appendix 14.1. Confirm whether improvements are required at identified access point(s) and provide evidence (including plans) to show that these can accommodate such traffic (where not already provided).	Updates to the visibility splays in ES Vol 3 Appendix 14.1 Transport Assessment [EN0110012/APP/LVS/06.03.14.01]. The Access to Works Plans do not need to be updated.
ISH1-21	Note to be provided on the correction of corrupt bird data and the implications for the submitted assessment.	Technical note on Updated Ground Nesting Bird Baseline [EN0110012/APP/LVS/08.13] submitted at Deadline 2
ISH1-22	Update the commitments register to incorporate the Environment Agency written and oral representations.	Updated Appendix 1.3 Commitments Register [EN0110012/APP/LVS/06.03.01.03] submitted at Deadline 2
ISH1-24	To submit evidence that no areas of the proposed development are in flood zone 3b. This could include figures identifying the referenced project specific modelled 1 in 30 year flood outlines relative to the proposed development. To confirm which flood zone 3b and climate change flooding datasets were relied upon in the site selection process.	This action has been addressed as an update to Appendix 15.1 Flood Risk Assessment [EN0110012/APP/LVS/06.03.15.01], as well as within text in the main body of this Cover Letter.

PINS Action Ref	Action	Where it has been addressed
ISH1-28	Applicant to review all ES Chapter 15 figures, and update as appropriate, to ensure the risk of flooding is clear to observe in relation to the proposed development including the proposed conversion units and construction compounds. The ES Chapter 15 figures include, but not limited to: 15.16, 15.17, 15.18, 15.20, 15.22 to 15.26.	The Applicant has reviewed the ES Chapter 15 figures and the following have been updated for Deadlines 2: • Figure 15.9 EN0110012/APP/LVS/06.02.15.09 • Figure 15.10 EN0110012/APP/LVS/06.02.15.10 • Figure 15.11 EN0110012/APP/LVS/06.02.15.11 • Figure 15.15 EN0110012/APP/LVS/06.02.15.15 • Figure 15.16 EN0110012/APP/LVS/06.02.15.16 • Figure 15.17 EN0110012/APP/LVS/06.02.15.17 • Figure 15.18 EN0110012/APP/LVS/06.02.15.18 • Figure 15.19 EN0110012/APP/LVS/06.02.15.19 • Figure 15.20 EN0110012/APP/LVS/06.02.15.20 • Figure 15.21 EN0110012/APP/LVS/06.02.15.21 • Figure 15.22 EN0110012/APP/LVS/06.02.15.22 • Figure 15.23 EN0110012/APP/LVS/06.02.15.23 • Figure 15.24 EN0110012/APP/LVS/06.02.15.24 • Figure 15.25 EN0110012/APP/LVS/06.02.15.25 • Figure 15.26 EN0110012/APP/LVS/06.02.15.26

PINS Action Ref	Action	Where it has been addressed
ISH1-29	Provide further details and clarity on the mitigation from the risk of flooding from all sources (including surface water) in an updated flood risk assessment for all elements of the proposed development. This should confirm the minimum proposed solar panel heights relative to the worst-case flood level and identify the relevant standard of protection if this differs from the design flood event. This should also confirm the minimum finished floor levels for other proposed infrastructure (including conversion units) relative to the worst-case flood level and identify the relevant standard of protection if this differs from the design flood event. Provide a plan for each solar development site which identifies the minimum and maximum heights referred to above.	Update to Appendix 15.1 Flood Risk Assessment [EN0110012/APP/LVS/06.03.15.01] submitted at Deadline 2. Response in Annex F of this Cover Letter.
ISH1-30	Water Resource Assessment to be updated to take into account water demands for replacement activities during the operation phase and provide evidence that these updated demands could be supplied.	Update to Appendix 15.2 Water Environment Regulations (Water Framework Directive) Compliance Assessment [EN0110012/APP/LVS/06.03.15.02] submitted at Deadline 2
ISH1-31	To confirm potential locations for water supply from Yorkshire Water and whether works outside of the Order limits would be necessary to facilitate a connection.	Update to Appendix 15.2 Water Environment Regulations (Water Framework Directive) Compliance Assessment [EN0110012/APP/LVS/06.03.15.02] .
ISH1-32	Provide, or signpost to, a plan and supporting evidence demonstrating that the proposed battery energy storage compound can accommodate the maximum number and size of units proposed by the design parameters, along with all associated infrastructure, including noise barriers, drainage features and attenuation areas.	These drawings have been included in ES Volume 3, Appendix 2.2 Engineering Drawings [EN0110012/APP/LVS/06.03.02.02] .

PINS Action Ref	Action	Where it has been addressed
ISH1-33	Update the outline battery safety management plan based on the Environment Agency concerns in relation to applications for an activity permit and subsequent rainfall or fire events after a battery energy storage system fire. This should explain how rainwater would be managed whilst firewater sampling is undertaken or before a discharge to the water environment is agreed.	Update to the Outline Battery Safety Management Plan [EN0110012/APP/LVS/07.06]
ISH1-34	Provide, or signpost to, a plan and supporting evidence demonstrating that the proposed attenuation features at substations could be accommodated.	Updates to drawings in ES Volume 3 - Appendix 2.2 Indicative Engineering Drawings and Sections [EN0110012/APP/LVS/06.03.02.02] submitted at Deadline 2
ISH1-36	Applicant to update section 4.2 of outline Landscape and Ecological Management Plan to provide more detail on the implementation and management prescriptions for planting, including advanced planting.	Updated Outline Landscape and Environmental Management Plan [EN0110012/APP/LVS/07.05] submitted at Deadline 2.
ISH1-39	Conservation Area Appraisals which had not previously been available electronically to be provided by NYC and submitted electronically. The Applicant is asked to respond by deadline 2.	Addressed within the Applicant's response to the Local Impact Report [EN0110012/APP/LVS/08.17] within response LIR-NYC-62.
ISH1-47	To review the errata and clarifications in annex A of this action point document and make amendments to the relevant application documents. This list is not exhaustive, and the applicant should undertake a thorough check of all documents for accuracy.	The erratas have been addressed in the relevant documents and submitted at Deadline 2. Further detail on the construction programme errata within ES Chapter 2 [EN0110012/APP/LVS/06.01.02] is provided within the main body of this Cover Letter.

Annex E – Noise Modelling Tracker Solar PV Tables



Order Limits

Tracking Solar PV Tables
Motors

Solar Panels

Buildings

Calculation Area

Predicted Sound Rating Levels
dBLAr,Tr

< 20

20-25

25-30

30-35

35-40

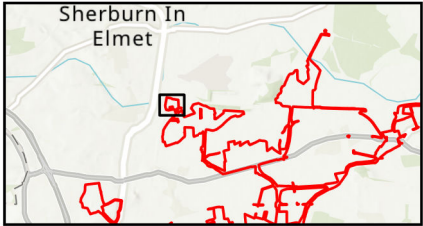
40-45

> 45

A3

Coordinate System: British National Grid

Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community, Esri, CGIAR, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown Copyright and database right



Metres

0100

P01	24/08/2026	ACAR	CWIL	CBUS	JBEE
Rev	Date	By	Chkd	Appd	Authd



Drawing Title

Figure 1

Noise Modelling Results Predicted Sound
Rating Level – 4m Above Ground – Tracking
Solar PV Tables Motor

Client

Light Valley Solar Limited

Project Name

Light Valley Solar

Scale at A3

1:2,000

Project Number

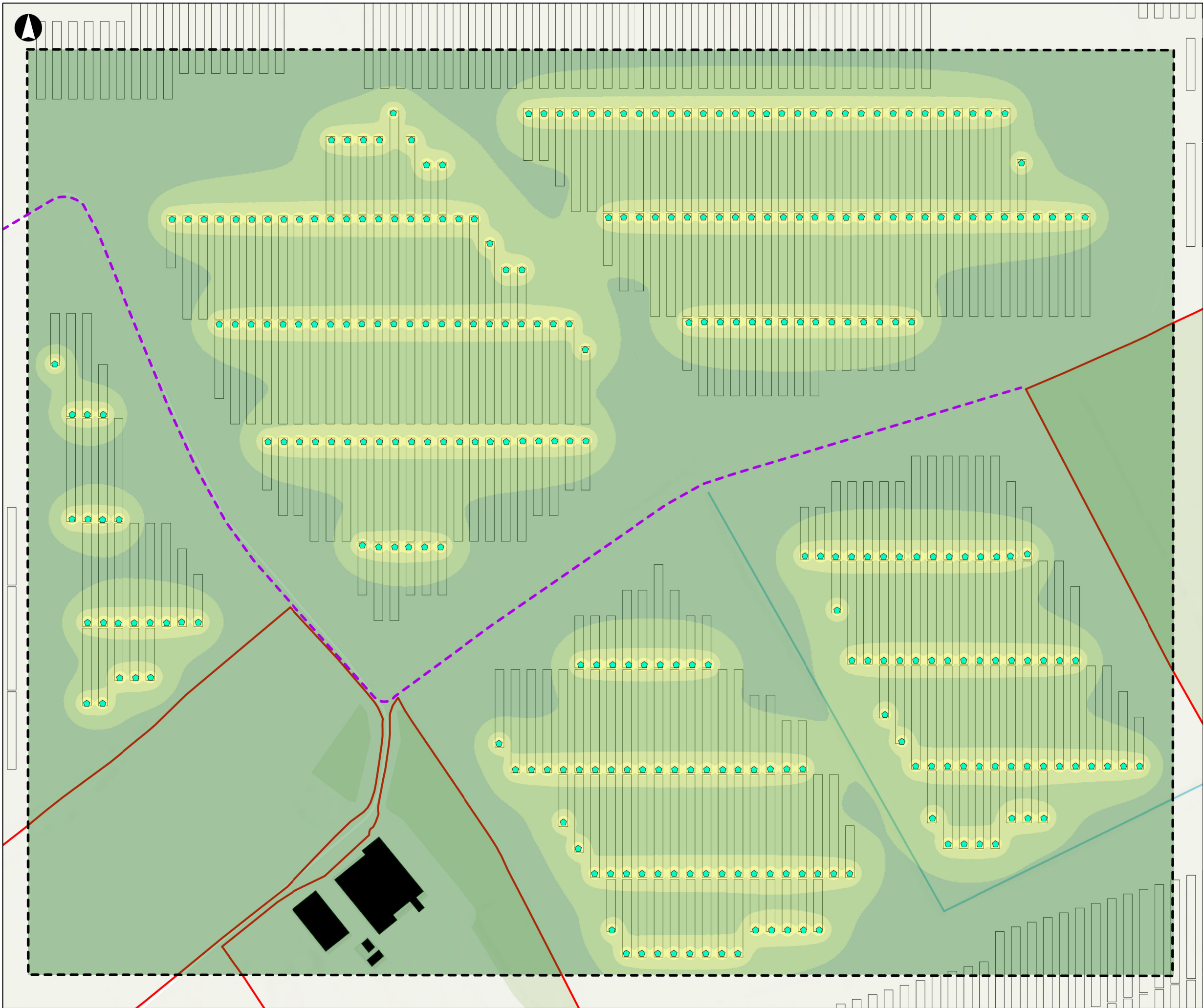
302939-00

Rev

P01

Drawing Number

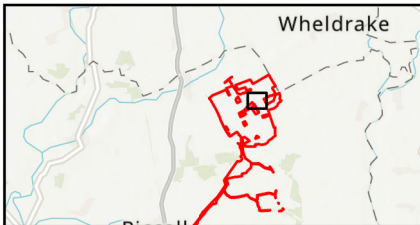
EN0110012/APP/LVS/



- Order Limits
- Tracking Solar PV Tables Motors
- Bridgeway - diverted
- Solar Panels
- Buildings
- Calculation Area
- Predicted Sound Rating Levels dBLAr,Tr**
- < 20
- 20-25
- 25-30
- 30-35
- 35-40
- 40-45
- > 45

Coordinate System: British National Grid

Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community, Esri, CGIAR, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



P01	24/08/2026	ACAR	CWIL	CBUS	JBEE
Rev	Date	By	Chkd	Appd	Authd



Drawing Title

Figure 2
Noise Modelling Results Predicted Sound Rating Level – 1.5m Above Ground – Tracking Solar PV Tables Motor

Client

Light Valley Solar Limited

Project Name

Light Valley Solar

Scale at A3

1:2,000

Project Number	Rev
302939-00	P01

Drawing Number

EN0110012/APP/LVS/

Annex F Standard of Protection and panel heights

The Applicant confirms that the minimum clearance between existing ground level and the lowest edge of a Solar PV panel is 0.4 m above ground level (AGL). This minimum parameter applies to both the tracking panel option and the fixed panel option.

The 0.4 mAGL minimum clearance is a design parameter governing the physical arrangement of the Solar PV panels. It is not a flood-protection level, however, inherently offers resilience from flooding.

Crucially, Paragraphs 6.2.4 – 6.2.5 in the **FRA [EN0110012/APP/LVS/06.03.15.01]** conclude that, during the design flood event, the Solar Development Sites remain free from flooding with the exception of the southern parcel of Solar Development Site 1. This means that panels on Solar Development Sites 2 – 4, 6 – 8 are not affected by flooding during the design event. The minimum clearance of 0.4 m between existing ground level and the lowest edge of a Solar PV panel therefore applies at those Sites.

As Solar Development Site 1 is the only Site where flooding is predicted within proposed panel areas during the design flood event, during recent engagement with the Environment Agency (EA), the Applicant has agreed to apply the freeboard parameters (outlined above) to affected panels on Solar Development Site 1, so that the lowest edge of the panel is raised above the modelled design flood level. Where this is not feasible within the assessed parameters, solar panel layouts will be refined to avoid areas of flooding.

Whilst the above does not present a flood defence standard of protection, it provides the design basis for establishing minimum panel levels at Solar Development Site 1. This is reflected in the updated **FRA [EN0110012/APP/LVS/06.03.15.01]** at Deadline 2.

The minimum panel clearances described above represent design parameters secured at the DCO stage. Detailed panel elevations and block layouts will be established during detailed design, informed by local ground levels and the relevant modelled flood levels where applicable.

Further to this, the assessment of the potential effects of Solar PV panels within the floodplain is undertaken using the credible maximum scenario in accordance with NPS EN-1 (**FRA [EN0110012/APP/LVS/06.03.15.01]** Section 6.3). The credible maximum scenario represents an exceedance event that extends beyond the design event flood extent and results in flooding within proposed panel areas. Its use provides a conservative basis for assessing:

- the resilience of the panels and their supporting structures to inundation;
- the potential effects of the panels on flood flows and displacement; and
- debris and impact loading.

The use of the credible maximum scenario should not be interpreted as establishing a design requirement for the lower edge of panels to remain above the credible maximum flood level. Rather, it provides a conservative basis for the assessment of residual flood risk in accordance with NPS EN-1. It is not the standard to which the lower edge of panels is required to be raised.

Flooding identified within proposed Solar PV areas during the credible maximum scenario is treated as a residual risk and is addressed through the demonstrated flood resilience of the panels and the assessment of hydraulic effects. This assessment is presented in Section 6.3 of the FRA [EN0110012/APP/LVS/06.03.15.01], which considers a conservative case of fixed panels with a minimum clearance of 0.4 m.

For the areas in which the proposed Solar PV panel areas intersect the credible maximum flood extent, Table 6-3 of the FRA

[EN0110012/APP/LVS/06.03.15.01] identifies the following average flood depths:

- Solar Development Site 1: 0.68 m, affecting approximately 17.5 ha of panel area;
- Solar Development Site 3: 0.22 m, affecting approximately 2.2 ha of panel area; and
- Solar Development Site 4: 0.19 m, affecting approximately 43.0 ha of panel area.

The FRA also reports maximum modelled depths of up to 1.25 m at Solar Development Site 1, 0.50 m at Solar Development Site 3, and localised maximum depths of approximately 0.66 m at Solar Development Site 4.

At Sites 3 and 4, the average credible maximum flood depths are therefore below the minimum 0.4 m panel-edge clearance, although localised maximum depths exceed that clearance. At Site 1, the reported average depth within the flooded panel area exceeds the minimum clearance. The assessment therefore considers inundation of the lower parts of the panel structures and does not assume that all panels would remain above the credible maximum flood level.

The FRA [EN0110012/APP/LVS/06.03.15.01] updated at Deadline 2 includes a revised assessment of off-site impacts. Notwithstanding this, the existing assessment concludes that off-site impacts are expected to be negligible. It also concludes that the risk of significant debris loading on the PV structures is minimal, such that the panels are expected to remain safe and operational. |

Accordingly, there is no separate “standard of protection” expressed as a return period or freeboard requirement for the Solar PV panels themselves. The panels are treated as flood-compatible infrastructure and are assessed on the basis of their resilience to inundation and their effect on flood flows and floodplain storage.

This should be distinguished from the approach applied to flood-sensitive assets, comprising the Substations, Battery Energy Storage System (BESS) and Integrated

Conversion Units (ICUs). For those assets, minimum finished floor levels will be set in accordance with the parameters outlined above.

The Applicant therefore confirms that:

- The minimum Solar PV panel clearance is 0.4 mAGL;
- Solar Development Sites 2 – 4, 6 – 8 are not affected by flooding during the design event;
- On Solar Development Site 1, panels within the design flood extents will be raised above the design flood level in accordance with the FFL parameters or relocated outside flood-affected areas. This is updated in **FRA [EN0110012/APP/LVS/06.03.15.01]** at Deadline 2.

The Applicant has considered the Examining Authority's request for a plan for each Solar Development Site identifying the "*minimum and maximum heights referred to above.*"

The Applicant understands the purpose of the request to be to clarify the spatial relationship between the elements of the Proposed Development, the relevant flood levels and the design parameters that will govern their detailed design. However, it is important to distinguish between:

- a) minimum and maximum component heights expressed relative to local ground level;
- b) minimum finished floor or equipment levels determined by reference to modelled flood levels; and
- c) the spatial limits within which the relevant components may be located.

The DCO Application does not fix the final location or absolute elevation of each scheme element. The **Works Plans [EN0110012/APP/LVS/02.03]** define the relevant limits of deviation, while the Design Parameters and Commitments document **[EN0110012/APP/LVS/05.06]** defines the maximum and, where relevant, minimum parameters within which the detailed design must be developed. The **Illustrative Site Layout Plans [EN0110012/APP/LVS/06.02.02.01]** show one possible arrangement within that envelope and do not represent the final layout.

Accordingly, there is no single minimum or maximum absolute development level that can presently be identified for each Solar Development Site. For example, the minimum Solar PV Panel edge clearance of 0.4 mAGL is expressed above the local ground level beneath each panel. It is not a fixed elevation capable of being plotted across a Solar Development Site.

Furthermore, minimum finished floor levels will depend upon the final location of the infrastructure and the modelled flood level. Those absolute levels will therefore be determined at detailed design in accordance with the parameters set by the DCO.

Producing plans that purported to identify minimum and maximum absolute levels at this stage would therefore be misleading and would be inconsistent with the design flexibility provided by the DCO application.

To provide the spatial clarity sought by the Examining Authority, a new set of Figures can be provided as soon as possible after Deadline 2 for each Solar Development Site to show the parts of the Illustrative Site Layout that are within the modelled fluvial flood extents. We propose these plans will show:

- the Illustrative Site Layout
- flood depth bands
- indicative FFLs of the BESS, substations, and ICUs as set out in Table 8-1 of the revised FRA issued at Deadline 2.