Light Valley Solar

Environmental Statement Volume 3

Appendix 12.2: Non-Breeding Bird Survey Report

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Light Valley Solar

Infrastructure Planning

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Light Valley Solar

DCO Submission

Appendix 12.2: Non-breeding Bird Survey Report

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on behalf of Light Valley Solar Limited

Technical Appendix 12.2: Non-breeding Bird Survey Report

avian ecology

CONTENTS

1 INTRODUCTION

1.1.1 This report presents the results of the non-breeding ornithological surveys undertaken by Avian Ecology Ltd (AEL) on behalf of Light Valley Solar Limited (the Applicant) in relation to the proposed Light Valley Solar Development ('the Proposed Development'). The Proposed Development comprises ground-mounted solar photovoltaic (PV) arrays, on-site energy storage, associated infrastructure, a cable route, and a grid connection.

1.1.2 The Proposed Development's boundary, herein referred to as the Order Limits, is made up of four broad areas, the Solar Development Sites (900 hectares (ha)), Cable Route Corridor (328.5 ha), Highways Improvements Areas (17.1 ha), and Solar Development Site 8 Access (24.1 ha).

1.1.3 The Cable Route Corridor is the area within which the export connection cables (hereafter referred to as the 'Grid Connection Cables') would be located to connect the Solar PV Sites to the National Grid at the existing Monk Fryston Substation (hereafter referred to as the 'Existing National Grid Monk Fryston Substation') and the area within which cables connecting the Solar Development Sites would be located (hereafter referred to as 'Interconnecting Cables') (refer to Figure 2.1: Illustrative Site Layout Plan (ES Volume 2) [**EN0110012/APP/LVS/06.02.02.01**].

1.1.4 The Highways Improvement Areas are sections of the highway network that will contain localised improvements to allow movement of construction vehicles on narrower sections of the local highway network, such as improvements to the road edge, traffic management, and provision of temporary passing places or visibility splays. The Solar Development Site 8 Access area will provide optionality to access Solar Development Site 8 from the north. The entirety of the Order Limits is within the administrative area of North Yorkshire Council and falls within what was Selby district.

1.1.5 Note that the surveys particular focus was on the areas bullet pointed below:

1) the Solar Development Sites (long-term operational infrastructure); and

2) the Cable Route Corridor (temporary construction-phase infrastructure).

1.1.6 The main element of the Proposed Development comprises seven Solar Development Sites (Solar Development Sites 1-4 and 6-8), as presented in Figure 2.1: Illustrative Site Layout Plans (ES Volume 2) [**EN0110012/APP/LVS/06.02.02.01]** and in the Outline Environmental Masterplan [**EN0110012/APP/LVS/02.12**], that will accommodate the Solar PV Panels. A BESS Compound will be located within Solar Development Site 2.

1.1.7 The Solar Developments and numbering used throughout the ornithology documents are listed below:

1) Solar Development Site 1;

2) Solar Development Site 2;

3) Solar Development Site 3;

4) Solar Development Site 4;

5) Solar Development Site 6/7 (Solar Development Site 6 and Solar Development Site 7 merged due to spatial overlap); and

6) Solar Development Site 8.

1.1.8 Note: For the purposes of field surveys, Solar Development Sites 6 and 7 were combined due to overlapping survey area buffers and contiguous habitats; therefore, they are treated as a single survey unit in this report i.e. Solar Development Site 6/7 and will be referred to this hereafter (See **Figure 1**).

1.1.9 The full extent of the Order Limits, including the Solar Development Sites, Cable Route Corridor and Cable Construction Compounds. A description of the Proposed Development is provided in Chapter 2: The Proposed Development (ES Volume 1) [**EN0110012/APP/LVS/06.01.02**].

1.1.10 For clarity, Solar Development Site numbering used within this Ornithology Appendix may differ slightly from other disciplines, but all referenced areas fall within the same overall Order Limits.

1.2 Report scope

1.2.1 The objectives of this report are to:

1) Provide baseline information on the current wintering and passage ornithological features within the Order Limits and adjacent habitats of the Solar Development Sites and the Cable Route Corridor that falls within the SSSI IRZ;

2) Identify the bird species present within the Solar Development Sites and Cable Route Corridor and adjacent habitats during the non-breeding season;

3) Assess the importance of the non-breeding bird assemblages that the Order Limits (and relevant adjacent habitats) support; and

4) Identify the presence of Priority Species (as defined in Section 2.2) within the Order Limits and surrounding area to determine whether any land affected by the Proposed Development may function as Functionally Linked Land (FLL) to nearby internationally designated sites.

1.2.2 Only common bird species names are referred to within the main text of this Appendix. A summary of all bird species recorded during the surveys or referenced within the text are presented with their scientific names and conservation status in Annex G.

1.3 Project evolution

1.3.1 At the point of publication of the Preliminary Environmental Information Report (PEIR) presented at Statutory Consultation between 26 June to 7 August 2025 Solar Development Site 5 was included within the PEIR ornithological assessment boundary. However, Solar Development Site 5 has since been excluded from the Order Limits and is therefore not considered further in this Appendix; subsequently no data from Solar Development 5 is presented in this document. However, for completeness the VPs and transects are shown on **Figure 3**.

1.3.2 In addition, the northern extent of Solar Development Site 1 and the southern extent of Solar Development Site 4 have been excluded from the Order Limits. Although the northern extent of Solar Development Site 1 and the southern extent of Solar Development Site 4 have been excluded from the Order Limits, the full extents of both sites have been retained within this Appendix and for the subsequent Environmental Statement (ES) assessment (see **Figure 1**). This approach ensures consistency and

completeness of the baseline data and supports a comprehensive assessment, given the close proximity of the Proposed Development to these areas and the potential pathways for effects on qualifying species associated with the Lower Derwent Valley (LDV) and Humber Estuary (HE), as referenced in Natural England's Section 42 consultation response (response reference: S42 ID 195 located in Chapter 12: Ornithology (ES Volume 1) [**EN0110012/APP/LVS/06.01.12**]).

1.4 Natural England

1.4.1 Natural England, as statutory consultees, were engaged via their Discretionary Advice Service on 17 October 2024 due to the proximity of the Proposed Development, particularly due to the location of Solar Development Site 1 to the Lower Derwent Valley SPA and Ramsar Site, with consultation focusing on agreeing appropriate survey design and methodologies. Natural England's recommendations were implemented, and surveys were undertaken between September 2024 and September 2025. Following a meeting on 16 April 2025, the Applicant's consultants (AEL) proposed that one year of survey data would be sufficient for impact assessment, supported by a technical note submitted on 4 July 2025 that analysed baseline results and addressed inter-annual variability using the Lower Derwent Valley SPA WeBS dataset. Natural England provisionally agreed with this approach on 6 August 2025, subject to further clarification on matters including cropping and flood data and the buffer analysis used for bird-day calculations. These points were addressed in an Informative Advice Note submitted on 27 October 2025, and Natural England's subsequent response of 18 December 2025 informed the final assessment presented within the accompanying Shadow Habitats Regulations Assessment (HRA) [**EN0110012/APP/LVS/05.11]**, with all correspondence appended for completeness (Annex B.4 of the Shadow HRA).

1.4.2 On 14th January 2025, it was confirmed that Natural England were satisfied with the one-year baseline, providing that points raised in their response received on 18th December 2025 were addressed.

2 METHODOLOGY

2.1.1 This section describes the desk-based data review and field survey methods used to establish the baseline for non-breeding birds within and surrounding the Order Limits.

2.2 Desktop study

2.2.1 The following sources were reviewed in order to assess the Order Limits and the area surrounding:

- Review of Statutory and non-statutory sites within 20 km of the Proposed Development[1];
- North & East Yorkshire Ecological Data Centre (NEYED): A review of existing casual bird records within 2 km of the Order Limits (**Annex 6**)[2];
- A review of the most recent up to date wetland bird records (all year round) from the following British Trust for Ornithology (BTO); Wetland Bird Survey ('WeBS') Lower Derwent Valley SPA and the Humber Estuary SPA;
- A review of York Ornithological Club Reports & Historical Records that are available to date (2020), where applicable; these are of casual and unsystematic records collected by bird watchers[3]; and
- The BTO Data Report[4] (**Annex 5;** further detailed below).

2.2.2 The British Trust for Ornithology (BTO) Data Report provides a collation and analysis of both historical (2007–2011) and contemporary (2021–2025) bird records relevant to the Site. Data are drawn from national BTO recording schemes, including the Breeding Bird Survey (BBS), Bird Atlas, and BirdTrack databases, covering all 1-km grid squares, tetrads, and 10-km squares that overlap the Site (a total of 33 1-km squares, 15 tetrads, and three 10-km squares). The entirety of the Order Limits (including Solar Development Sites 1–8) has been evaluated by the BTO as part of the desk study to account for the dynamic nature and mobility of bird species.

2.2.3 The dataset is used to identify all bird species recorded within these grid squares and to assess their relative status and distribution. Contextual analysis compares the occurrence and abundance and the range of species at local (vice-county and county), regional, national (country), and UK. scales. This enables the importance of species populations in the vicinity of the Site to be evaluated and helps inform the assessment of potential effects, as well as the design of habitat mitigation, enhancement, and biodiversity net gain measures.

2.2.4 The BTO definition of "notable" - A species is considered 'Notable' if its percentage range is at least twice the site's percentage size, except at the UK scale, where species are Notable if the site and vicinity cover 2% or more of their UK range.

[1] Natural England. (n.d.). MAGIC: Multi-Agency Geographic Information for the Countryside. [online] Available at: https://magic.defra.gov.uk/ [Accessed 28 Oct. 2025]

[2] North & East Yorkshire Ecological Data Centre (NEYEDC). (n.d.). North & East Yorkshire Ecological Data Centre. Retrieved May 24, 2025, from https://www.neyedc.org.uk/

[3] York Ornithological Club. (n.d.). YOC Recording Area. Retrieved October, 2025, from https://yorkbirding.org.uk/sites/yoc-recording-area/

[4] BTO (2025) BTO Data Report Light Valley Solar

2.3 Non-breeding bird field survey

2.4 Survey overview

2.4.1 In the absence of specific bird surveys guidance for solar farm developments, two types of non-breeding bird surveys were carried out to determine the usage of the Order Limits and the Survey Area (detailed in below) in accordance with Natural England's 'Annex C[5]' guidelines, and which was agreed through consultation with Natural England on an email dated 15 November 2024 as part of the Discretionary Advice Service (DAS).

2.4.2 All transects, Vantage Points and survey areas are presented in **Figure 3**.

2.5 Survey area and field methodology

2.5.1 Natural England's Annex C provides guidance for developments located within or adjacent to Sites of Special Scientific Interest (SSSI) Impact Risk Zones (IRZs), in this case the Lower Derwent Valley SPA and Ramsar site. The guidance is particularly relevant where there is potential for development to impact on 'Functionally Linked Land' (FLL) for European designated sites, including arable fields, grassland, and waterbodies that may support waterfowl and waders associated with nearby European sites.

2.5.2 If survey results indicate that a development could affect 1% or more of a Humber Estuary SPA and (or) the Lower Derwent Valley SPA and Ramsar site populations, Natural England typically advise that further assessment is required. However, Natural England also considers that, for declining or vulnerable species, even smaller proportions may still be considered significant and warrant mitigation (see 2.8 for further details).

2.6 Solar Development Sites

2.6.1 The Solar Development Sites entailed the following surveys. All survey effort and conditions can be found in Annex 7, Annex 8 and Annex 9. It is important to note that there is overlap between passage and winter 'shoulder' months; however all months have contained a minimum of three surveys per month, which aligns with Natural England's Annex C guidance.

2.6.2 Walkover surveys broadly followed the "look-see" method[6] [7](including diurnal, dusk and nocturnal coverage); and were completed under optimal conditions.

2.6.3 Note that surveyors scanned all fields from their boundary prior to entering to ensure minimal flushing effects:

1) Passage surveys April-Mid-May and August-September, inclusive (two diurnal and one nocturnal walk over per month).

2) Wintering bird surveys, October to March, inclusive (one diurnal and one nocturnal walk over per month).

3) Vantage Point (VP) flight activity surveys (once per month).

[5] Natural England. (2024). Annex C: Environmental Impact Assessment Scoping Consultation Response. Retrieved April 10, 2025, from https://nsip-documents.planninginspectorate.gov.uk/published-documents/EN020036-000104-Natural%20England.pdf

[6] Gilbert G, Gibbons D.W. and Evans J. (1998) Bird Monitoring Methods. RSPB Sandy.

[7] Bibby, C.J., Burgess, N.D., Hill, D.A. & Mustoe, S.H. (2000)

2.6.4 Three hours were undertaken at each VP per month. Vantage Point (VP) surveys were undertaken across 19 fixed locations covering Solar Development Sites 1–4, 6/7-8, as shown in **Figure 3** note that there were 24 VPs prior to Solar Development Site 5 being excluded from the Order Limits. The methodology was based upon NatureScot (formerly SNH) guidance[8] and Natural England's Annex C recommendations.

2.6.5 Survey effort and conditions for both walkover and VP surveys are presented in Annex A. The detailed survey approach was developed and agreed with Natural England through the Discretionary Advice Service (DAS) as detailed in Section 1.4.

2.6.6 For avoidance of doubt, the Survey Area is defined as the Oder Limits of the Solar Development Sites, plus a 300 m buffer.

2.6.7 For clarity, any records of qualifying species observed immediately outside the Order Limits i.e. in land parcels adjacent to the Solar Development Site boundaries, were included within the "within Order Limits" dataset to ensure a precautionary and robust estimate of functional use of the site and the wider area.

2.7 Cable Route Corridor

2.7.1 Survey effort and conditions can be found in Annex 10 and Annex 11. Survey coverage along the Cable Route Corridor was limited to areas falling within the SSSI IRZ (see **Figure 2**), as agreed through consultation with Natural England on 1st July 2025. The following surveys were undertaken:

4) Spring passage survey (April to May, inclusive) – two walk overs per month covering diurnal and one nocturnal; and

5) Autumn passage August to October, inclusive)- two walk overs per month covering diurnal and one nocturnal.

2.7.2 All walk over surveys followed the look-see method[9] [10] and were completed during optimal conditions and started and ended at various times of the day during the diurnal surveys to capture the full potential of species utilising the landscape.

2.7.3 Note that surveyors scanned all fields from their boundary prior to entering to ensure minimal flushing effects.

2.7.4 For clarity, the Survey Area is defined as the Order Limits of the Cable Route Corridor which falls within the SSSI IRZ (**Figure 2**), plus a 300 m buffer. The Cable Route Corridor is broadly divided into eight sections within the SSSI IRZ (Cable Route Map 1-8; **Figures 13-20**) which covers south of Solar Development Site 1 to south of Thore Willoughby. See **Figure 4**, for sectioning of the Order Limits and associated map references.

2.8 Species considerations and assessment (1 %)

2.8.1 In accordance with Natural England's Annex C guidance and Natural England's response to the PEIR, the 1% population thresholds for qualifying species of the monthly Lower Derwent Valley and Humber Estuary SPA and Ramsar sites were applied to all species identified as qualifying features, as well as those forming part of the wider waterbird

[8] NatureScot (2017) Recommended bird survey methods to inform impact assessment of onshore wind farms. Scottish Natural Heritage, Inverness.

[9] Gilbert G, Gibbons D.W. and Evans J. (1998) Bird Monitoring Methods. RSPB Sandy.

[10] Bibby, C.J., Burgess, N.D., Hill, D.A. & Mustoe, S.H. (2000)

assemblage (listed in Annex B and B1[11]; see **Annex 2**). These thresholds provide a benchmark for assessing whether the numbers of birds using the Survey Area are of potential significance to the designated site populations and therefore may indicate the presence of Functionally Linked Land (FLL).

2.8.2 Where species did not exceed the 1% threshold, their occurrence was assessed qualitatively based on patterns of activity, abundance, and distribution within the Survey Area to identify any areas of local importance or concentrations of activity relevant to the subsequent impact assessment (Chapter 12: Ornithology (ES Volume 1) [**EN0110012/APP/LVS/06.01.12**]).

2.9 Definitions

2.9.1 'Priority Species' have been defined in accordance with Bird Survey & Assessment Steering Group (2023) guidance, with the addition of qualifying species relevant statutory designated sites. Priority Species relevant to the Proposed Development and recorded during the non- breeding bird surveys comprise:

1) Qualifying species and those part of the wider waterbird assemblage of the designated sites, in this case, the Lower Derwent Valley Special Protection Area (SPA) and Ramsar and Humber Estuary SPA and Ramsar (Table 2-1)

2) Birds of Conservation Concern (BoCC) Amber and Red List Species (Stanbury et al.2021);

3) Section 41 (S41) species listed under the Natural Environment and Rural Communities (NERC) Act 2006;

4) Annex 1 / Schedule 1 species; and

5) Species listed under the Draft North Yorkshire Local Nature Recovery Strategy (LNRS, 2025), which provides the most up-to-date framework for identifying locally important species.

2.9.2 This report focuses primarily on waders and wildfowl that fall within the categories outlined above, as these were scoped in during the scoping phase of the application process; however, all species recorded are acknowledged for completeness.

Table 2-1 The Lower Derwent Valley and Humber Estuary SPA and Ramsar sites species overlap

Category	Number of species	Species as individually listed and part of the wider waterbird assemblage (Annex B and B1; Annex 2)
Shared between sites	12	Gadwall, golden plover, greylag goose, lapwing, mallard, pochard, ruff, shelduck, shoveler, teal, whimbrel and wigeon.
Unique to Lower Derwent Valley	5	Bewick's swan, whooper swan, pintail, water rail.

[11] Natural England (2024) Advice on Environmental Impact Assessment Scoping Report – Humber to Walpole National Electricity Transmission Line Project (EN020036-000104). Natural England, 2 Sept. 2024. Available at: https://nsip-documents.planninginspectorate.gov.uk/published-documents/EN020036-000104-Natural%20England.pdf (Accessed: 18/12/2025).

Unique to Humber Estuary	24	Avocet; bar-tailed godwit; bittern; black-tailed godwit; brent goose; curlew; dunlin; goldeneye; greenshank; grey plover; hen harrier; knot; little egret; little tern; marsh harrier; oystercatcher; pink-footed goose; redshank; ringed plover; sanderling; scaup; turnstone; crane; green sandpiper.

2.10 Limitations

2.10.1 Survey coverage of the Cable Route Corridor was limited to a single walkover undertaken in April due to temporary access constraints. However, this is not considered a significant limitation, as the habitats and species recorded were comparable to those within the Solar Development Sites, which are considered representative of the habitat types present along the Cable Route Corridor and within the wider landscape.

2.10.2 VP surveys were not completed along the Cable Route Corridor due to the flat terrain of the area, scale of the Cable Route Corridor and temporary nature of the construction phase and its reversable impacts. This was considered proportionate as per Natural Englands response via a DAS correspondence received on 01 July 2025.

2.10.3 Ten of the twelve walking transects and 21 of the 24-vantage point (VP) surveys were completed in September 2024. However, the outstanding areas were covered during September 2025 to ensure a complete passage baseline within the Survey Area.

2.10.4 HIAs were not specifically targeted through the non-breeding bird surveys, as they comprise hardstanding, verges and active road infrastructure that do not provide suitable habitat for foraging or roosting non-breeding birds, nor do they contribute to functionally linked land associated with designated sites. As such, these areas are not considered relevant to the subsequent non-breeding bird assessment. However, it is important to note that the buffers attached to the methods (Section 1), some areas that contain HIAs are captured indirectly as a result of the survey design, particularly those adjacent to the Solar Development Sites and the Cable Route Corridor. HIA areas are presented in ES Figure 1.2: Elements of the Proposed Development (ES Volume 3) [**EN0110012/APP/LVS/06.02.01.02**]

2.10.5 The current dataset represents a snapshot of the Order Limits and surrounding areas. Bird species are highly mobile, and their movements are based off of external factors such as disturbance, farming practices and season (but not limited to). However, based on the flood data analysis and farming practices assessment undertaken within the Shadow HRA [**EN0110012/APP/LVS/05.11],** the one-year baseline is also acknowledged by Natural England that the surveys represent a robust baseline to inform the subsequent assessments that are informed by this report.

2.10.6 It is also noted that Natural England has acknowledged that the connection works to National Grid Monk Fryston are temporary in nature. Natural England further confirmed within the DAS that only the Cable Route Corridor falling within the SSSI IRZ requires survey coverage. National Grid Monk Fryston lies well outside this area

2.10.7 Overall, the data set is considered sufficiently robust for the purposes of impact assessment (Environmental Statement **EN0110012/APP/LVS/06.01**) and Shadow HRA (**EN0110012/APP/LVS/05.11**).

3 RESULTS

3.1 Desktop study results

3.1.1 On review of the Multi-Agency Geographic Information for the Countryside ('MAGIC') website the Study Area is located within 20 km of the following international statutory designated sites with ornithological qualifying features:

1) Lower Derwent Valley SPA, SAC & Ramsar (2.8 km east of Solar Development Site 1); and

2) Humber Estuary SPA, SAC & Ramsar (17.5 km east of Solar Development Site 4).

3.1.2 Records of a total of 68 species were returned by North & East Yorkshire Ecological Data Centre (NEYEDC; **Annex 6**) within 2.0 km of the Order Limits. Of these, a total of seven species considered main components and part of the wider waterbird assemblage were returned during 2025 (the most recent year available). These include greylag goose (two records), lapwing (two records), mallard (three records), oystercatcher (one record), pink-footed goose (one record), shelduck (one record) and whooper swan (one record). All records listed here are from between 2014 to 2024.

3.1.3 A total of 84 non-breeding bird species were returned within 2 km of the Order Limits by the BTO Data Report (**Annex 5**). These species include:

3) Seven species listed on Schedule 1 of the Wildlife and Countryside Act 1981 (little ringed plover, barn owl, marsh harrier, red kite, redwing, fieldfare, and kingfisher). Note that redwing and fieldfare are not known to breed within the region;

4) Fourteen species on the Red list according to Birds of Conservation Concern 5 (Stanbury et al. 2021)- grey partridge, lapwing, woodcock, herring gull, willow tit, skylark, house martin, starling, mistle thrush, tree sparrow, house sparrow, greenfinch, linnet, and yellowhammer;

5) Twenty-four species on the Amber list, according to Birds of Conservation Concern 5 (Stanbury et al. 2021); greylag goose, pink-footed goose, gadwall, mallard, teal, stock dove, woodpigeon, moorhen, oystercatcher, snipe, black-headed gull, common gull, great black-backed gull, lesser black-backed gull, sparrowhawk, kestrel, rook, wren, song thrush, dunnock, grey wagtail, meadow pipit, bullfinch, and reed bunting; and

6) Two species on Annex 1 of the EU Birds Directive; golden plover and little egret.

3.1.4 There is considerable overlap between BoCC, Annex 1 and schedule one species classifications. These categories are not entirely discrete, as some species may fall under more than one designation depending on criteria such as conservation status, legal protection, or population trends.

3.1.5 According to the BTO Data Report, no non-breeding bird species within the three 10-km squares overlapping the Order Limits were considered 'notable' at the national scale when compared to the U.K. (international) geographical scale.

3.1.6 At a **National** (England) scale: winter range (nine species) whooper swan, shelduck, pintail, ruff, goshawk, marsh harrier, ring-necked parakeet, willow tit and corn bunting.

3.1.7 Winter abundance (17 species): greylag goose, mute swan, whooper swan, wigeon, goosander, grey partridge, rock dove, woodpigeon, collared dove, waxwing, willow tit, tree sparrow, brambling, bullfinch, linnet, common/lesser redpoll and yellowhammer.

3.1.8 At a **Regional** scale (Yorkshire and the Humber): winter range (twenty species)- brent goose, Bewick's swan, Egyptian goose, shelduck, gadwall, pintail, ruddy duck, grey plover, ringed plover, bar-tailed godwit, ruff, dunlin, green sandpiper, yellow-legged gull, goshawk, marsh harrier, ring-necked parakeet, Cetti's warbler, rock pipit and corn bunting.

3.1.9 Winter abundance (14 species): greylag goose, mute swan, whooper swan, wigeon, grey partridge, woodpigeon, collared dove, cormorant, waxwing, willow tit, brambling, bullfinch, linnet and yellowhammer.

3.1.10 At a **County** scale (North Yorkshire): winter range (27 species) brent goose, Bewick's swan, whooper swan, Egyptian goose, shelduck, gadwall, pintail, pochard, scaup, smew, ruddy duck, grey plover, ringed plover, bar-tailed godwit, ruff, dunlin, jack snipe, green sandpiper, glaucous gull, yellow-legged gull, goshawk, marsh harrier, ring-necked parakeet, Cetti's warbler, chiffchaff, rock pipit and corn bunting.

3.1.11 Winter abundance (22 species): greylag goose, mute swan, whooper swan, shelduck, wigeon, goosander, grey partridge, woodpigeon, collared dove, golden plover, green sandpiper, cormorant, barn owl, kingfisher, waxwing, willow tit, brambling, bullfinch, linnet, common/lesser redpoll, goldfinch and yellowhammer.

3.1.12 At a **Vice County** scale (mid-west Yorkshire): winter range (23 species)- brent goose, Bewick's swan, Egyptian goose, gadwall, pintail, smew, ruddy duck, grey plover, ringed plover, bar-tailed godwit, ruff, dunlin, green sandpiper, glaucous gull, yellow-legged gull, goshawk, marsh harrier, ring-necked parakeet, willow tit, Cetti's warbler, chiffchaff, rock pipit and corn bunting.

3.1.13 Winter abundance, (24 species): greylag goose, mute swan, whooper swan, shelduck, wigeon, grey partridge, woodpigeon, collared dove, golden plover, green sandpiper, cormorant, barn owl, kingfisher, rook, waxwing, willow tit, skylark, tree sparrow, brambling, bullfinch, linnet, common/lesser redpoll, goldfinch, yellowhammer.

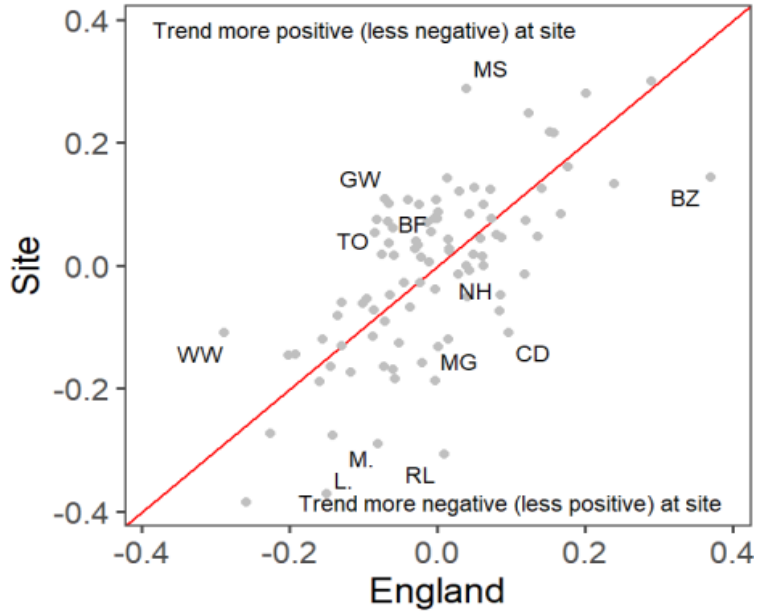
3.1.14 At a **Vice County** scale (South-east Yorkshire): winter range (11 species) Egyptian goose, pintail, ruff, green sandpiper, yellow-legged gull, goshawk, red kite, Cetti's warbler, nuthatch, common/lesser redpoll, common crossbill.

3.1.15 Winter abundance (10 species): Canada goose, green woodpecker, jay, waxwing, willow tit, goldcrest, brambling, bullfinch, linnet, common/lesser redpoll.

Stability of species at geographical scales (BTO Data Report)

3.1.16 Overall, the data returned and assessed by the BTO from the BTO Data Report show a mixed pattern of change in species relative abundance, with some species performing better locally and others declining more than in surrounding areas. wetland and woodland species such as mute swan (MS), tawny owl (TO), willow warbler (WW), and garden warbler (GW) generally fared well, suggesting favourable local habitat conditions. in contrast, farmland and aerial insectivorous bird species including lapwing (L.), sand martin, house martin, and greenfinch declined more sharply, indicating continued pressures on these groups. Overall, the site supports several species of conservation concern but reflects wider national trends of contrasting fortunes across different habitats.

Plate 3-1 Relative abundance changes for the site and its vicinity compared to the rest of England. Species[12] above the line of equality have more positive/less negative trends at/near the Order Limits compared to the England.



Source: Light Valey BTO Data Report (2025)

3.2 Field survey results – the Solar Development Sites

3.2.1 The following section presents the results of each of the Solar Development Sites 1-4, 6/7 and 8. Note that all results presented below are from all surveys, walk over, nocturnal, VP and species recorded outside of the Order Limits i.e. in adjacent fields have been included as part of the overall results. Note that this includes all species actively utilising the area (roosting and foraging).

3.2.2 All data for the Solar Development Sites can be found in **Annex 3**, where minimum, maximum and frequency counts (number of total records per month) of birds across each Solar Development Site is presented.

3.2.3 The Solar Development Sites Order Limits and peak counts between September 2024 and September 2025 are presented in Table 3-8. Species distribution and counts are presented in **Figures 5 - 12**. All species records from each visit within a month have been included in the figures for completeness. Therefore, a month presented in the figure may reflect multiple survey dates and visits.

Solar Development Site 1

3.2.4 A total of 26 species were recorded between September 2024 and September 2025, of these, nine qualifying features and species considered as part of the wider waterbird assemblage, as follows: lapwing, golden plover, teal, gadwall, greylag goose, mallard, oystercatcher and little egret.

3.2.5 Of these, lapwing and golden plover represent the key assemblage components, showing evidence of functional connectivity, with the Lower Derwent Valley SPA WeBS monthly average 1% exceeded during the core winter period (golden plover) and both passage

[12] Abbreviations: (L.) – Lapwing, (M.) – Mistle thrush, (WW)- Willow warbler, (NH)- Nuthatch, (BZ)- Buzzard, (CD)- collared dove, (RL) – Red legged partridge, (TO)- Tawny owl, (MG)- Magpie, (GW) – Garden warbler, (BF)- Bullfinch, (MS) Mute swan.

and wintering period (lapwing). Other designation species (teal, gadwall, greylag goose, mallard) occurred infrequently in small numbers, indicating only incidental or peripheral use of the Solar Development Site 1. The remaining qualifying species were not recorded, suggesting no substantive functional connection for those taxa.

3.2.6 Eighteen non-designated Priority Species were recorded within Solar Development Site 1 during surveys between September 2024 and September 2025. These include typical farmland and wet-grassland birds such as grey partridge, barn owl, snipe, and woodcock. Although not qualifying features of nearby SPAs or Ramsar sites, this assemblage demonstrates that the site provides valuable local habitat diversity, supporting resident wintering birds associated with lowland agricultural landscapes.

3.2.7 Beyond the Order Limits, small numbers of pink-footed goose (1), mallard (3) and lapwing (1-212; peak count of 212 was brought into the results in Table 3-1) were recorded. These numbers however did not exceed those recorded within Solar Development Site 1 (**Figure 5** and **Figure 6**). Species distribution across the Solar Development Site was highly variable and not predictable, with peak counts occurring in different locations between months and not being sustained across individual survey visits. Maximum peak counts appeared to represent isolated observations rather than consistent patterns of site use. Within each month, species numbers fluctuated markedly between visits and did not persist at the maximum levels reported in Table 3-1. For example, although nine lapwing records were obtained during October, the mean number of birds recorded per visit was 58 (Table 3-2), demonstrating that peak counts substantially overstate typical abundance and do not reflect regular or sustained use of Solar Development Site 1.

Table 3-1 Solar Development Site 1 waterbird species peak counts. Numbers in bold denote the Lower Derwent Valley and (or) Humber Estuary 1% threshold exceedance (*) denotes species that are unique to the Humber Estuary hereafter.

Species	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Aug 2025	Sept 2025
Gadwall	5	-	-	-	2	-	-	-	-	-	-
Lower Derwent Valley SPA (LDV) 5-year monthly mean 1%	No count (NC)	-	-	-	4.0	-	-	-	-	-	-
Humber Estuary (HE) 5-year monthly mean 1%	4.5	-	-	-	3.3	-	-	-	-	-	-
Golden Plover	-	2.0	9.0	-	**112.0**	**42.0**	1.0	-	-	-	-
LDV 1%	-	2.0	21.3	-	**17.6**	**40.3**	**1.1**	-	-	-	-
HE 1%	-	78.3	139.0	-	**98.6**	**132.5**	**35.0**	-	-	-	-
Greylag Goose	-	-	-	-	-	-	-	**12.0**	4.0	-	-
LDV 1%	-	-	-	-	**-**	**-**	**-**	**2.3**	NC	-	-
HE 1%	-	-	-	-	**-**	**-**	**-**	**4.1**	4.1	-	-
Lapwing	**106.0**	**234.0**	**126.0**	32.0	**212.0**	**128.0**	**12.0**	**6.0**	**6.0**	**-**	**-**
LDV 1%	NC	**12.2**	**44.8**	41.3	**38.4**	**74.2**	**8.5**	**2.1**	NC	**-**	**-**
HE 1%	**5.0**	**28.7**	**101.6**	128.8	**147.3**	**75.6**	**4.3**	**0.9**	**0.9**	**-**	**-**
Little Egret*	-	-	-	**1.0**	-	**1.0**	-	-	-	-	-
LDV 1%	-	-	-	**0.0**	-	**0.1**	-	-	-	-	-
HE 1%	-	-	-	**0.7**	-	1.2	-	-	-	-	-
Mallard	-	**11.0**	9.0	-	6.0	6.0	**16.0**	**6.0**	**10.0**	-	-
LDV 1%	-	**2.8**	14.4	-	22.5	9.8	**8.7**	**3.8**	NC	-	-
HE 1%	-	**11.0**	11.5	-	12.7	10.5	**8.8**	**4.6**	**4.7**	-	-
Oystercatcher*	-	-	-	-	-	-	**4.0**	**2.0**	2.0	-	-
LDV 1%	-	-	-	-	-	-	**0.3**	**0.2**	NC	-	-
HE 1%	-	-	-	-	-	-	46.9	32.2	18.3	-	-
Teal	-	-	12.0	2.0	9.0	13.0	4.0	-	-	-	-
LDV 1%	-	-	38.6	64.6	92.4	77.1	82.3	-	-	-	-
HE 1%	-	-	48.9	49.1	67.9	57.5	27.0	-	-	-	-

Table 3-2 Solar Development Site 1 species min and maximum numbers, alongside range and numbers of visits which had species presence.

Month	Species	Min per month	Max per month	Mean per month (total number of records)	Visits with presence (*n*= 3 / April and May *n*=4)
Oct	Lapwing	1	234	58 (9)	3 / 3
	Golden plover	0	2	0.7 (1)	1 / 3
	Greylag goose	0	0	0	0 / 3
Nov	Lapwing	1	126	33.6 (11)	3 / 3
	Golden plover	0	9	3 (4)	2 / 3
	Greylag goose	0	0	0	0 / 3
Dec	Lapwing	1	32	12 (3)	3 / 3
	Golden plover	0	0	0	0 / 3
	Greylag goose	0	0	0	0 / 3
Jan	Lapwing	3	212	62.8 (12)	3 / 3
	Golden plover	1	112	28.7 (12)	3 / 3
	Greylag goose	0	0	0	0 / 3
Feb	Lapwing	5	128	37.6 (5)	3 / 3
	Golden plover	0	42	14 (1)	1 / 3
	Greylag goose	0	0	0	0 / 3
Mar	Lapwing	2	12	4 (14)	3 / 3
	Golden plover	0	1	0.3 (1)	1 / 3
	Greylag goose	0	0	0	0 / 3
Apr	Lapwing	2	6	3 (12)	4 / 4
	Golden plover	0	0	0	0 / 4
	Greylag goose	0	12	3.6 (6)	3 / 4
May	Lapwing	1	6	1.8 (19)	4 / 4
	Golden plover	0	0	0	0 / 4
	Greylag goose	0	4	2.4 (4)	3 / 4

Solar Development Site 2

3.2.8 A total of 18 bird species were recorded during the non-breeding bird surveys.

3.2.9 Five bird species listed as qualifying features of the Humber Estuary and/or Lower Derwent Valley SPAs/Ramsars were recorded on Solar Development Site 2: lapwing, golden plover, curlew, little egret, and mallard. Numbers were low, with only golden plover showing the 1% exceedance on one occasion (January 2025) and lapwing on one occasion (March 2025, indicating only occasional use of the Solar Development Site 2.

3.2.10 The wider assemblage comprised common farmland, wet-grassland, and woodland birds such as grey partridge, snipe, and woodcock, typical of the local agricultural landscape.

Overall, Site 2 supports a moderate local avian assemblage with very low functional relevance to the nearby SPAs/Ramsars.

3.2.11 Beyond the Order Limits, one isolated flock of greylag geese were recorded (10 individuals; **Figure 7**).

Table 3-3 Solar Development Site 2 waterbird species peak counts. Numbers in bold denote the Lower Derwent Valley and (or) Humber Estuary 1% threshold exceedance

Species	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Aug 2025	Sept 2025
Curlew*	-	-	-	**2**	-	-	-	-	-		
Lower Derwent Valley SPA (LDV) 5-year monthly mean 1%	-	-	-	**0.21**	-	-	-	-	-	-	-
Humber Estuary (HE) 5-year monthly mean 1%	-	-	-	21.0	-	-	-	-	-	-	-
Golden Plover	5	-	1	-	15	-	-	**9**	-	-	-
LDV 1%	NC	-	21.3	-	17.6	-	-	**0**	-	-	-
HE 1%	42.5	-	139.0	-	98.6	-	-	**4.5**	-	-	-
Lapwing	-	-	-	2	2	18	**19**	**2**	**2**	-	-
LDV 1%	-	-	-	41.3	38.4	74.2	**8.5**	2.1	2.1	-	-
HE 1%	-	-	-	128.8	147.3	75.6	**4.3**	**0.9**	**0.9**	-	-
Little Egret*	1	1	-	**1**	-	**1**	-	-	-	-	-
LDV 1%	NC	2.0	-	**0.0**	-	**0.1**	-	-	-	-	-
HE 1%	3.09	2.4	-	**0.7**	-	1.2	-	-	-	-	-
Mallard	5	-	2	3	2	-	2	2	1	-	-
LDV 1%	NC	-	14.4	13.7	22.5	-	8.7	3.8	NC	-	-
HE 1%	14.6	-	11.5	13.3	12.7	-	8.8	4.6	4.67	-	-

Solar Development Site 3

3.2.12 Three SPA/Ramsar/Annex species, teal, mallard, and little egret were recorded on Solar Development Site 3 between September 2024 and September 2025, all in very low numbers. Their presence indicates only occasional or opportunistic use of the site. The remaining species comprise a small assemblage of farmland and generalist birds such as grey partridge, woodcock, and little owl, which are of local rather than regional significance.

3.2.13 Overall, Solar Development Site 3 provides limited supporting habitat value for designated waterbird assemblages but contributes to local farmland bird diversity.

3.2.14 Beyond the Order Limits, two Schedule 1 birds were recorded- peregrine and red kite (**Figure 8**).

Table 3-4 Solar Development Site 3 waterbird species peak counts. Numbers in bold denote the Lower Derwent Valley and (or) Humber Estuary 1% threshold exceedance

Species	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Aug 2025	Sept 2025
Little Egret*	-	-	2	-	-	1	-	-	-	-	-
Lower Derwent Valley SPA (LDV) 5-year monthly mean 1%	-	-	0.0	-	-	0.1	-	-	-	-	-
Humber Estuary (HE) 5-year monthly mean 1%	-	-	1.1	-	-	1.2	-	-	-	-	-
Mallard	-	-	-	-	2	-	-	6	5	-	-
LDV 1%	-	-	-	-	22.5	-	-	3.8	NC	-	-
HE 1%	-	-	-	-	12.7	-	-	4.6	4.7	-	-
Teal	-	-	-	-	2	-	-	-	-	-	-
LDV 1%	-	-	-	-	92.4	-	-	-	-	-	-
HE 1%	-	-	-	-	67.9	-	-	-	-	-	-

Solar Development Site 4

3.2.15 A total of 38 species were recorded during the non-breeding bird surveys.

3.2.16 Twelve bird species listed as qualifying features of the Humber Estuary and/or Lower Derwent Valley SPAs/Ramsar sites were recorded on Solar Development Site 4 between September 2024 and September 2025. Of these, greylag goose and lapwing occurred in numbers above the 1% threshold, indicating that Solar Development Site 4 functions as supporting (functionally linked) wintering habitat, particularly for the Humber Estuary assemblage, greylag.

3.2.17 Other qualifying species such as wigeon, shelduck, gadwall, mallard, golden plover, curlew, little egret, oystercatcher, and pink-footed goose were recorded only in small numbers with no regular occurrence, suggesting occasional or transient use.

3.2.18 Greylag goose is considered part of the Lower Derwent Valley SPA's wintering waterbird assemblage but is not an individually listed qualifying feature. The species is also a named component of the Humber Estuary SPA non-breeding assemblage. Given the Solar Development Site 4 location, the timing of records (peak in February) and the species' known movement patterns, the observed flock (227 individuals and 225 individuals recorded across two visits in February) most likely represents birds of the Icelandic/Humber population. Consequently, whilst Greylag goose may nominally fall under the Lower Derwent Valley assemblage definition, the functional ecological link for the Solar Development Site 4 population is far likely associated to both European sites due to their large foraging range (beyond 10 km)

3.2.19 Non-designated species included typical farmland and wet-grassland birds such as corn bunting, grey partridge, barn owl, and snipe. While these are not qualifying features of nearby SPAs or Ramsar sites, they contribute to a diverse local non-breeding assemblage, indicating that Solar Development Site 4 supports higher diversity value but limited regional or international importance.

3.2.20 Beyond the Order Limits (**Figure 9** and **Figure 10**), particularly along the River Aire, up to 100 wigeon, 100 teal, 400 greylag geese and 9 whooper swan were recorded. Due to the exclusion of the southern portion of Solar Development Site 4, the distance between these areas is 500 m (minimum).

Table 3-5 Solar Development Site 4 waterbird species peak counts. Numbers in bold denote the Lower Derwent Valley and (or) Humber Estuary 1% threshold exceedance

Species	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Aug 2025	Sept 2025
Curlew*	-	-	-	-	-	-	1	1	-	-	-
Lower Derwent Valley SPA (LDV) 5-year monthly mean 1%	-	-	-	-	-	-	1.8	1.3	-	-	-
Humber Estuary (HE) 5-year monthly mean 1%	-	-	-	-	-	-	20.1	9.0	-	-	-
Gadwall	-	-	-	-	-	-	-	**2**	1	-	-
LDV 1%	-	-	-	-	-	-	-	2.3	NC	-	-
HE 1%	-	-	-	-	-	-	-	1.3	1.6	-	-
Golden Plover	1	1	-	-	-	-	-	-	-	-	-
LDV 1%	NC	2.0	-	-	-	-	-	-	-	-	-
HE 1%	45.2	78.3	-	-	-	-	-	-	-	-	-
Greylag Goose	17	-	**157**	-	**32.0**	**227.0**	2.0	**25.0**	**8.0**	4.0	-
LDV 1%	0	-	**32.4**	-	**22.7**	**8.2**	**4.8**	**2.3**	NC	NC	-
HE 1%	**16.7**	-	**16.2**	-	**11.9**	**8.1**	**5.2**	**4.1**	7.7	22.2	-
Lapwing	-	2.0	**74.0**	19.0	**50.0**	5.0	4.0	**6.0**	**9.0**	**35.0**	-
LDV 1%	-	12.2	**44.8**	41.3	**38.4**	74.2	8.5	**2.1**	NC	NC	-
HE 1%	-	28.7	101.6	128.8	147.3	75.6	4.3	**0.9**	**0.9**	**6.1**	-
Little Egret*	1	-	**1**	**2**	**1**	**1**	-	-	**1**	-	-
LDV 1%	NC	-	**0**	**0**	**0.1**	**0.1**	-	-	NC	-	-
HE 1%	3.1	-	1.1	**0.7**	**1.0**	1.2	-	-	**0.9**	-	-
Mallard	7	-	-	7	-	9	5	14	3	-	-
LDV 1%	NC	-	-	13.7	-	9.8	8.7	3.8	NC	-	-
HE 1%	14.6	-	-	13.3	-	10.5	8.8	4.6	4.7	-	-
Oystercatcher*	-	-	-	-	-	-	-	**4**	1	-	-
LDV 1%	-	-	-	-	-	-	-	**0.2**	NC	-	-
HE 1%	-	-	-	-	-	-	-	32.2	18.3	-	-
Pink-footed Goose*	-	-	2	-	-	-	-	-	-	-	-
LDV 1%	-	-	17.4	-	-	-	-	-	-	-	-

Species	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Aug 2025	Sept 2025
HE 1%	-	-	113.6	-	-	-	-	-	-	-	-
Shelduck	-	-	-	-	**2**	-	-	-	-	-	-
LDV 1%	-	-	-	-	**1.1**	-	-	-	-	-	-
HE 1%	-	-	-	-	21.7	-	-	-	-	-	-
Teal	-	11	-	14	-	8	40	-	-	-	-
LDV 1%	-	24.8	-	64.6	-	77.2	82.3	-	-	-	-
HE 1%	-	99.9	-	49.1	-	57.5	27.0	-	-	-	-
Wigeon	-	-	-	-	-	10	-	-	-	-	-
LDV 1%	-	-	-	-	-	91.5	-	-	-	-	-
HE 1%	-	-	-	-	-	59.6	-	-	-	-	-

Solar Development Site 6/7

3.2.21 A total of 16 bird species were recorded on Solar Development Site 6/7 during surveys between September 2024 and September 2025

3.2.22 Five species (greylag goose, lapwing, little egret, mallard and teal) correspond to qualifying features of the Humber Estuary and/or Lower Derwent Valley SPAs/Ramsars, though all were present in very small numbers, suggesting only occasional use as peripheral supporting habitat. The remaining species comprise a typical assemblage of farmland, wet-grassland, and woodland birds such as grey partridge, barn owl, snipe, and woodcock, which are of local conservation interest rather than international importance.

3.2.23 Beyond the Order limits, a maximum count of two mallard, two little egret and ten greylag geese were recorded (**Figure 11**).

Table 3-6 Solar Development Site 6/7 waterbird species peak counts. Numbers in bold denote the Lower Derwent Valley and (or) Humber Estuary 1% threshold exceedance

Species	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Aug 2025	Sept 2025
Greylag Goose	-	-	-	-	-	-	-	**10**	-	-	-
Lower Derwent Valley SPA (LDV) 5-year monthly mean 1%	-	-	-	-	-	-	-	**2.3**	-	-	-
Humber Estuary (HE) 5-year monthly mean 1%	-	-	-	-	-	-	-	**4.1**	-	-	-
Lapwing	-	-	-	-	2	-	-	**2**	-	-	-
LDV 1%	-	-	-	-	38.4	-	-	2.1	-	-	-
HE 1%	-	-	-	-	147.3	-	-	**0.9**	-	-	-
Little Egret*	-	-	**1**	-	**1**	-	**1**	-	-	-	-
LDV 1%	-	-	**0.0**	-	**0.1**	-	**0.1**	-	-	-	-
HE 1%	-	-	1.1	-	1.0	-	**0.8**	-	-	-	-
Mallard	-	-	-	-	4	4	2	**6**	3	-	2
LDV 1%	-	-	-	-	22.5	9.8	8.7	**3.8**	NC	-	NC
HE 1%	-	-	-	-	12.7	10.5	8.8	4.6	4.7	-	14.6
Teal	-	-	-	-	-	1	3	-	-	-	-
LDV 1%	-	-	-	-	-	77.2	8.7	-	-	-	-
HE 1%	-	-	-	-	-	57.5	8.8	-	-	-	-

Solar Development Site 8

3.2.24 A total of 20 non-breeding bird species were recorded on Solar Development Site 8 between September 2024 and September 2025. Nine correspond to qualifying features of the Humber Estuary and/or Lower Derwent Valley SPAs/Ramsars (curlew, golden plover, greylag goose, lapwing, mallard, oystercatcher, redshank, teal, and wigeon).

3.2.25 All occurred in low to moderate numbers, suggesting Solar Development Site 8 provides occasional supporting habitat for wintering waterbirds associated with nearby estuarine and floodplain assemblages. The remaining species comprised a typical farmland and wet-grassland community, contributing to local biodiversity but not of regional importance, based on the abundance of species present.

3.2.26 Beyond the Order Limits, up to three lapwing and 45 golden plover were recorded (the 45 golden plover were brought into the final results and were considered within the Order Limits) and up to six greylag were recorded (**Figure 12**).

Table 3-7 Solar Development Site 8 waterbird species peak counts. Numbers in bold denote the Lower Derwent Valley and (or) Humber Estuary 1% threshold exceedance

Species	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Aug 2025	Sept 2025
Curlew*	-	-	-	-	-	**4**	1	1	-	-	-
Lower Derwent Valley SPA (LDV) 5-year monthly mean 1%	-	-	-	-	-	**0.7**	1.8	1.3	-	-	-
Humber Estuary (HE) 5-year monthly mean 1%	-	-	-	-	-	24.4	20.1	9.0	-	-	-
Golden Plover	-	-	-	30	**45**	**47**	-	-	-	-	-
LDV 1%	-	-	-	42.0	**17.6**	**40.3**	-	-	-	-	-
HE 1%	-	-	-	216.2	98.6	132.5	-	-	-	-	-
Greylag Goose	-	-	-	**27**	-	**40**	**14**	**16**	-	-	-
LDV 1%	-	-	-	30.3	-	**8.2**	**4.8**	**2.3**	-	-	-
HE 1%	-	-	-	**15.1**	-	**8.1**	**8.1**	**4.1**	-	-	-
Lapwing	-	-	-	-	-	-	**9**	**2**	-	-	-
LDV 1%	-	-	-	-	-	-	**8.5**	2.1	-	-	-
HE 1%	-	-	-	-	-	-	**4.3**	**0.9**	-	-	-
Mallard	-	-	-	11	-	**24**	8	2	-	-	-
LDV 1%	-	-	-	13.7	-	**9.8**	8.7	3.8	-	-	-
HE 1%	-	-	-	13.3	-	**10.5**	8.8	4.6	-	-	-
Oystercatcher*	-	-	-	-	-	-	**11.0**	**1.0**	-	-	-
LDV 1%	-	-	-	-	-	-	**0.3**	**0.2**	-	-	-
HE 1%	-	-	-	-	-	-	46.9	32.2	-	-	-
Redshank*	-	-	-	-	-	-	**2**	-	-	-	-
LDV 1%	-	-	-	-	-	-	**0.1**	-	-	-	-
HE 1%	-	-	-	-	-	-	16.9	-	-	-	-
Teal	-	-	-	4	-	1	2	-	-	-	-
LDV 1%	-	-	-	64.6	-	77.2	82.3	-	-	-	-
HE 1%	-	-	-	49.1	-	57.5	27.0	-	-	-	-
Wigeon	-	-	-	-	-	16	-	-	-	-	-
LDV 1%	-	-	-	-	-	91.5	-	-	-	-	-
HE 1%	-	-	-	-	-	59.6	-	-	-	-	-

Table 3-8 Maximum peak counts across the Solar Development Sites Order Limits combined. i.e. taking the maximum peak count across the Order Limits for each month.

Species	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Aug-25	Sep-25
Lapwing	106	243	126	32	212	128	19	6	9	35	0
Greylag goose	17	0	157	27	32	227	14	25	8	4	0
Mallard	7	11	9	11	6	24	16	14	10	0	2
Gadwall	5	0	0	0	2	0	0	2	1	0	0
Golden plover	5	2	9	30	112	47	1	9	0	0	0
Little egret	1	1	2	2	1	1	1	0	1	0	0
Teal	0	11	12	14	9	13	40	0	0	0	0
Pink-footed Goose	0	0	2	0	0	0	0	0	0	0	0
Mute swan	0	0	1	0	0	0	0	0	0	0	0
Shelduck	0	0	0	0	2	0	0	0	0	0	0
Curlew	0	0	0	0	0	4	1	1	0	0	0
Wigeon	0	0	0	0	0	16	0	0	0	0	0
Redshank	0	0	0	0	0	0	2	0	0	0	0
Oystercatcher	0	0	0	0	0	0	11	1	2	0	0

3.3 Flight activity surveys – Solar Development Sites (Figures 21-37)

Solar Development Site 1

3.3.1 Flight activity at Solar Development Site 1 was dominated by wintering waders and wildfowl, with limited flight activity recorded during the spring passage. The highest numbers occurred between October and February, when the site recorded flocks of lapwing (between 91-226; average flight time 3 minutes) and golden plover (between 79-172 birds; average flight time 3.1 minutes), together with some fly overs made by pink-footed goose (autumn passage; peak 107 with average flight time of 2 minutes), greylag goose (peak 10; average flight time 2 minutes), mallard (<8; average flight time 1.8 minutes), and one flyover of whooper swan during March (peak 38; average flight time 1 minute).

3.3.2 Occasional individuals of curlew, oystercatcher, little egret, shelduck, and green sandpiper were also recorded, alongside low numbers of schedule 1 birds including red kite (majority of flight activity recorded), barn owl, marsh harrier (one occasion), and hobby (August). Overall, the recorded flight activity indicates that the site experiences low-level winter movements by farmland and waterbird assemblage species, likely associated with foraging and local displacement within the wider landscape. Flight activity was concentrated in the winter months and involved birds moving between surrounding feeding and roosting areas.

Solar Development Site 2

3.3.3 Flight activity at Solar Development Site 2 was generally low and dominated by a small number of short-duration movements involving common farmland and wetland species. The majority of flights occurred in late autumn and winter, with limited flight activity recorded during spring. Occasional flights were recorded for lapwing (peak count 50 birds; average flight time 1.5 minutes) and golden plover (one count of 15 birds; flight time 1 minute), along with small numbers of black-headed gull, common gull, greylag goose, and herring gull. Only isolated flights of barn owl, red kite, marsh harrier, hobby, merlin, and peregrine were noted, typically single birds passing over the site.

3.3.4 Overall, the flight data indicate that the site experiences occasional winter transitory flights within the wider agricultural landscape, with very little sustained or directional movement across the Solar Development Site 2.

Solar Development Site 3

3.3.5 Flight activity at Solar Development Site 3 was very low and comprised only occasional, short-duration flights by a few widespread wetland and farmland species. records included small numbers of black-headed gull (peak count 22 birds; average flight time 1 minute), mallard (peak 4 birds; average flight time 1 minute), and little egret (up to 2 birds). in addition, cormorant, grey heron, and greylag goose were each noted once, all during brief low-level flights. sporadic observations of raptors—red kite, hobby, and peregrine—involved single birds in short over-flights lasting one to three minutes. No sustained or directional movements were recorded. No flight activity was recorded during January and February.

3.3.6 Overall, the fight activity data for Solar Development Site 3 appeared infrequent and short-range movements by common species, primarily during autumn and early spring, with no evidence of regular commuting or breeding-season flight activity across the site.

Solar Development Site 4

3.3.7 Flight activity at Solar Development Site 4 was moderate and primarily associated with autumn and early-winter movements of wildfowl and waders, with further low-level activity extending into late winter and early spring. The most frequent flights involved greylag goose (peak count 170 birds; average flight time 1.5 minutes) together with smaller numbers of lapwing (peak count 47; 1.5 minutes, mallard (peak count 33; average flight time 1.5 minutes), wigeon (peak count 40; average flight time 1 minute), and teal (peak count 10; average flight time 1 minute). Diversity of species flying over appeared higher in comparison to the other Solar Development Sites which is similar to that of the other surveys completed in this area.

3.3.8 Additional records included black-headed, common, and lesser black-backed gulls, as well as infrequent flights of cormorant, grey heron, little egret, and great white egret. Occasional over-flights of Marsh Harrier, Red Kite, Peregrine, typically single birds passing through over Solar Development Site 4. Hobby were also recorded on five occasions between May and September.

3.3.9 Overall, the data indicate that the majority of flight activity was well spread out across the year of survey, however higher counts of species were more concentrated during autumn passage and winter.

Solar Development Site 6/7

3.3.10 Flight activity at Solar Development Site 6/7 was low overall, with occasional singular slights recorded for several species. The most notable activity involved pink-footed goose (one peak count 51 birds; flight time 1 minute) recorded during spring passage. small numbers of mallard (up to 25 birds; average flight time 1 minute), greylag goose, and little egret were recorded undertaking short local movements, while grey heron and great white egret were observed singly, likely transiting between nearby feeding areas. Sporadic flights of raptors included red kite, peregrine, merlin, and a single osprey during September. All flights appeared brief and non-directional.

3.3.11 Overall, flight activity was limited to short flight durations and small numbers of species passing though, with no evidence of sustained or regular commuting routes across the site.

Solar Development Site 8

3.3.12 Flight activity at Solar Development Site 8 was low to moderate and characterised mainly by movements of waders and wildfowl typical of the wider wetland bird assemblage. The most frequent records were of curlew (two records of single birds), with occasional flights of oystercatcher (up to 2 birds; average flight time 30 seconds) and little egret (1 bird), which demonstrate how limited the flight activity is within the area.

3.3.13 Among waterfowl, greylag goose (peak 46 birds recorded twice; average flight 1.5 minutes), mallard (one peak count 39 birds), teal (one peak count of 2 birds), and whooper swan (one peak count of 100 birds) accounted for most observations, all recorded during the winter period. Small numbers of black-headed gull and Canada goose were also noted, along with isolated flights of peregrine and red kite.

3.3.14 Overall, the flight activity data indicates that Solar Development Site 8 supports intermittent winter flights between waders and wildfowl, however flights included one to two flocks of birds flying through across the year throughout the surveys. No flights were recorded during September and January.

3.4 Field survey results – the Cable Route Corridor

3.4.1 A total of 27 bird species were recorded across the Cable Route Corridor during both spring and autumn passage periods. Of these, nine qualifying features were either individually listed or formed part of the waterbird assemblage associated with the Lower Derwent Valley SPA and Humber Estuary SPA and Ramsar sites. All data for the Cable Route Corridor can be found in Annex 4. All records are illustrated in Figure 13 and Figure 20. Note that all records recorded each month are shown across diurnal and nocturnal surveys.

3.4.2 During spring passage (April – May), 15 species were recorded, while 24 species were noted during the autumn passage (August – October, inclusive).

Spring passage results

3.4.3 Overall, activity during the spring passage period was limited, with low bird numbers recorded across most areas (Table 3-9). Data were sufficient in April to enable comparison with corresponding Lower Derwent Valley SPA WeBS monthly thresholds. Of the qualifying species, lapwing was the only species to exceed the 1 % population threshold (LDV and HE SPA). However, this exceedance is not considered ornithologically meaningful, as April represents a transitional period from the non-breeding to breeding season when bird numbers fluctuate markedly due to the natural turnover of individuals migrating through the landscape (see Annex C).

3.4.4 No other qualifying species recorded in April exceeded the LDV SPA 1 % thresholds. Greylag goose and little egret both exceeded their respective Humber Estuary SPA 5-year mean 1 % thresholds during May, with one peak counts of 19 greylag geese (Area 5) and a peak count of two little egret (Area 4).

3.4.5 During May, bird activity remained low overall. Lapwing was recorded in low average numbers (mean 3.0 individuals, range 1–20), with occasional higher peak counts that were not sustained. Greylag goose was recorded in May only, with a maximum count of 19 individuals and an average of 10, exceeding the Humber Estuary SPA 5-year mean 1% threshold. However, this was based on a single peak count and does not indicate regular or consistent use of the site. No meaningful comparisons could be made for May with Lower Derwent Valley SPA thresholds due to the absence of corresponding WeBS baseline data.

Autumn passage results

3.4.6 Following the spring period, late summer (August-October) exhibited higher levels of activity overall (Table 3-10, Table 3-11),particularly for lapwing and golden plover, which were the most numerous and widely distributed qualifying species along the route. Both species were recorded in moderate numbers (1–68 individuals) and displayed a range of foraging and roosting behaviours.

3.4.7 Peak counts for lapwing and golden plover occurred during late summer, between August and September, reaching maximum values of 60 and 68 individuals, respectively. However, these values represent isolated peak counts. This is supported by the minimum and average data, with golden plover averages of 26.0 in August, 25.6 in September and 12.1 in October (range 1–68), and lapwing averages of 10.1 in August, 4.1 in September and 1.7 in October (range 1–60). These figures indicate high variability and short-term use rather than sustained aggregation (See Annex 4c).

3.4.8 During the autumn passage period, lapwing and golden plover were recorded in low to moderate numbers and displayed a range of foraging and roosting behaviours. While numbers were higher than those recorded during spring, the predominance of low minimum counts and the presence of isolated peaks suggest that use of the land was opportunistic and temporary. Other species recorded in lower numbers included gadwall, mallard, teal, ruff, and occasional oystercatcher. Notably, gadwall exceeded the 1 % Humber Estuary SPA threshold in August (3.61) with four individuals recorded in Map 4 (Figure 16). However, this does not infer that the species depend on the land based on the very low threshold.

3.4.9 Areas of relevance were typically associated with areas that include watercourses. These included Selby Dam (field number CR479), east of Ling Wood (CR216), south of Garmin Carr Lane (CR169), north of Moor Lane (CR91, CR87 and CR85), Skipwith Holmes (CR61). All field numbers are presented in Figure 2.3: Field numbering plan (ES Volume 2) [EN0110012/APP/LVS/06.02.02.03.03].

3.4.10 See Figure 4 and the corresponding Map numbers presented in Figures 13-20.

Table 3-9 Qualifying species and bird species part of the wider bird assemblage peak counts recorded within the Cable Route Corridor, during spring passage. See Figures 13-20 which references the below map numbers.

Species	April								May							
	Map Number															
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Gadwall	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Greylag Goose	-	-	-	-	-	-	-	-	**19**	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	**HE 1%-7.96**	-	-	-	-	-	-	-
Lapwing	-	**6**	-	**1**	-	**12**	-	**3**	-	**2**	-	**2**	-	**20**	-	**4**
	-	**LDV 1% - 2.08**	-	**LDV 1% - 2.08**	-	**LDV 1% - 2.08**	-	**LDV 1% - 2.08**	-	**HE 1% - 0.87**	-	**HE 1% - 0.87**	-	**HE 1% - 0.87**	-	**HE 1% - 0.87**
	-	**HE 1% - 0.94**	-	**HE 1% - 0.94**	-	**HE 1% - 0.94**	-	**HE 1% - 0.94**	-	-	-	-	-	-	-	-
Little Egret*	-	-	-	**2**	-	-	-	-	-	-	-	**1**	-	-	-	-
	-	-	-	**HE 1% - 1.2**	-	-	-	-	-	-	-	**HE 1% - 0.93**	-	-	-	-
Mallard	2	2	-	2	-	-	-	-	1	2	-	2	-	1	-	2
Oystercatcher	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mute swan				1									1			

Table 3-10 Qualifying species and bird species part of the wider bird assemblage peak counts recorded within the Cable Route Corridor, during Autumn passage. See Figures 13-20 which references the below map numbers.

Species	August								September							
	Map Number															
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Gadwall	-	-	-	**4**	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	**HE 1% - 3.61**	-	-	-	-	-	-	-	-	-	-	-	-
Golden Plover	-	-	-	-	50	-	-	-	-	**68**	**59**	-	4	-	-	-
	-	-	-	-	-	-	-	-	-	**HE-45.2**	**HE-45.2**	-	-	-	-	-
Lapwing	**11**	**1**	**60**	**60**	**10**	-	3	**13**	-	-	-	**8**	**4**	**7**	-	3
	HE 1% - 6.05	**HE 1% - 6.05**	**HE 1% - 6.05**	**HE 1% 6.05**	**HE 1% - 6.05**	-	-	**HE 1% -6.05**	-	-	-	**HE 1% - 4.97**	**-**	**HE 1% -4.97**	-	-
Mallard	-	4	-	5	**21**	-	2	-	-	-	2	3	2	-	5	-
	-	-	-	-	**HE 1% - 10.85**	-	-	-	-	-	-	-	-	-	-	-
Ruff	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Teal	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-

Table 3-11 Qualifying species and bird species part of the wider bird assemblage peak counts recorded within the Cable Route Corridor, during Autumn passage (October). See Figures 13-20 which references the below map numbers.

October	Map Number							
Species	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Golden Plover	-	**6** **LDV 1% - 2.01** HE 1% - 78.3	**26** **LDV 1% - 2.01** HE- 78.3	1 LDV- 2.01 HE- 78.3	**44** **LDV 1% - 2.01** HE- 78.3	-	-	-
Green Sandpiper	-	**1** **LDV 1% - 0.03** **HE 1% -0.01**	-	**2** **LDV- 0.03** **HE 1% -0.01**	**1** **LDV 1% - 0.03** **HE 1% -0.01**	-	-	-
Lapwing	-	-	1 LDV 1%- 12.1 HE 1%-28.69	3 LDV 1%- 12.1 HE 1%-28.69	1 LDV 1%- 12.1 HE-28.69	-	-	-
Little Egret	-	-	-	**3** **HE 1% -2.4**	-	-	-	-
Mallard	-	-	-	**5** **LDV 1% - 2.8** HE1%-11	**4** **LDV 1% - 2.8** HE 1%-11	**-**	**25** **LDV 1%- 2.8** HE 1%-11	-
Mute Swan	-	-	-	1 **LDV 1%- 0.61** HE 1%- 1.7		-	-	-
Teal	-	-	-	2 LDV 1%- 24.78 HE 1%- 99.94	6 LDV 1%- 24.78 HE 1%- 99.94	-	-	-
Wigeon	-	-	-	10 LDV 1%-18.68 HE 1%-27.72	-	-	-	-

3.4.11 In summary, the spring passage was characterised by limited waterbird activity with isolated threshold exceedances by lapwing, greylag goose, and little egret. In contrast, the late summer to autumn period recorded greater overall activity, with significant but isolated peak numbers of lapwing and golden plover indicating the presence of functionally important, though spatially discrete, fields along the Cable Route Corridor, however there was no evidence of prolonged sustained use throughout the field surveys.

4 SUMMARY OF SURVEYS

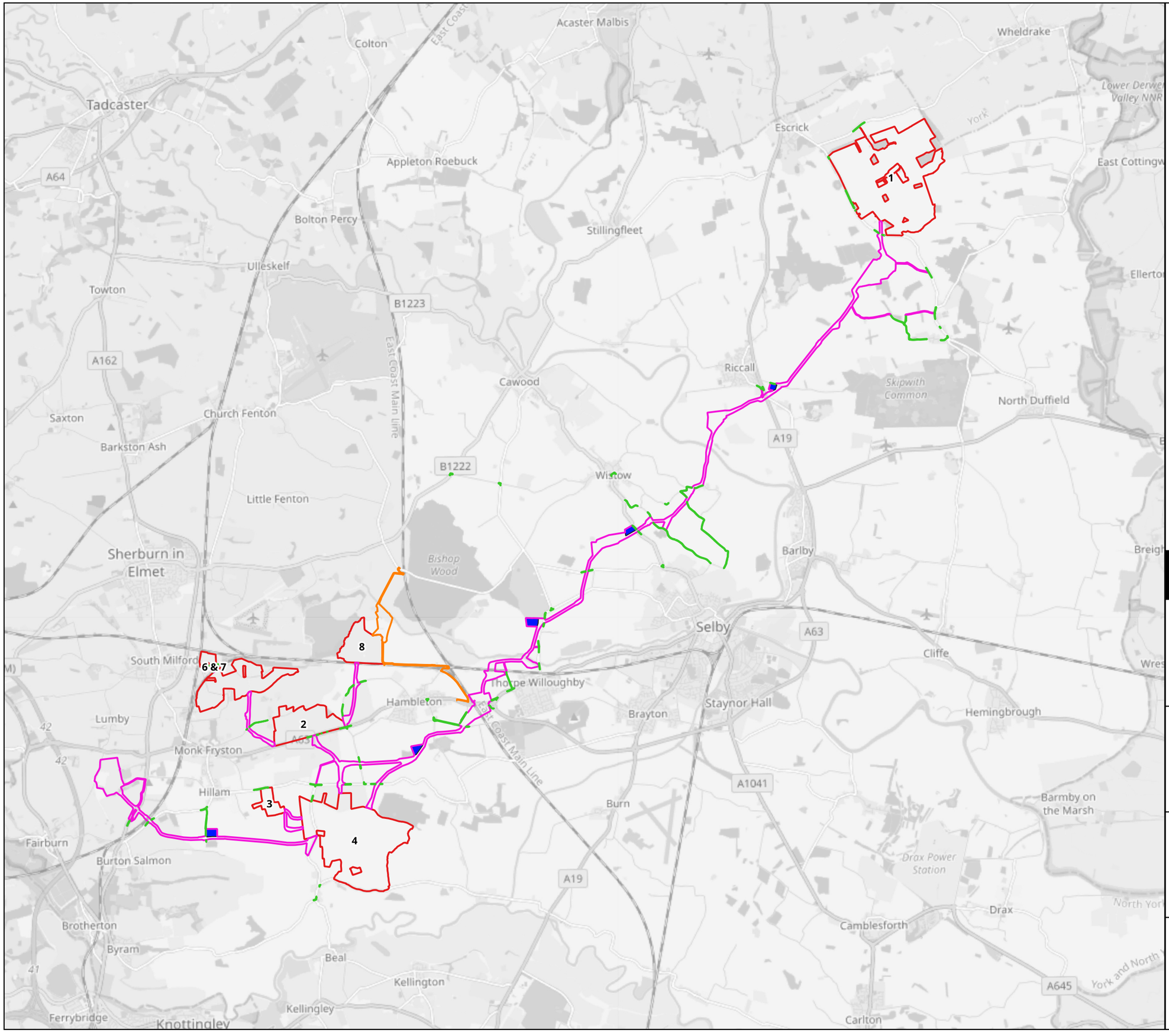
4.1.1 The baseline wintering bird survey programme (September 2024–September 2025; note the Cable Route Corridor up until October 2025), undertaken in line with methodologies agreed with Natural England through the Discretionary Advice Service (DAS), was supplemented with additional analyses requested by Natural England, including cropping composition, hydrological context and inter-annual variability using WeBS data from the Lower Derwent Valley and the Humber Estuary SPA and Ramsar. These submissions, together with Natural England's written advice and the Applicant's responses, are provided in the Shadow HRA **[EN0110012/APP/LVS/05.11]** .

4.1.2 The survey results demonstrate that Solar Development Sites 1, 4 and 8 supported the highest densities of qualifying SPA/Ramsar species during the non-breeding period (in line with the broad definition of FLL), whereas Sites 2, 3 and 6/7 supported lower and more diffuse usage, which were not considered to meet the broad criteria of FLL. Notwithstanding these spatial differences, qualifying species utilised land across the Order Limits for foraging, loafing and transit, and the area is therefore considered collectively to comprise FLL.

4.1.3 The Cable Route Corridor comprises temporary land take only. The Cable Route Corridor contained isolated peak counts of lapwing and golden plover, particularly during late summer when bird begin to start moving as part of autumn migration. However, the peak counts recorded across the Cable Route Corridor were considered episodic and not sustained throughout the autumn and the spring period. Higher counts were typically associated with areas that contained watercourses, particularly during late summer.

4.1.4 Construction works will not result in long-term and (or) permanent loss of functional habitat and all land will be reinstated to baseline condition. Accordingly, no habitat mitigation is required in relation to the Cable Route Corridor and impacts will be temporary and short in nature.

ANNEX 1: FIGURES



LIGHT VALLEY SOLAR

Figure 1 - Site Overview

Version: 01

Date: 05/02/2026

avian ecology

Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
www.avianecology.co.uk

0 1 2 km

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound
SSSI Impact Risk Zone
Lower Derwent Valley

LIGHT VALLEY SOLAR

Figure 2 - SSSI Impact Risk Zone

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Date: 05/02/2026

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0 4 8 km

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

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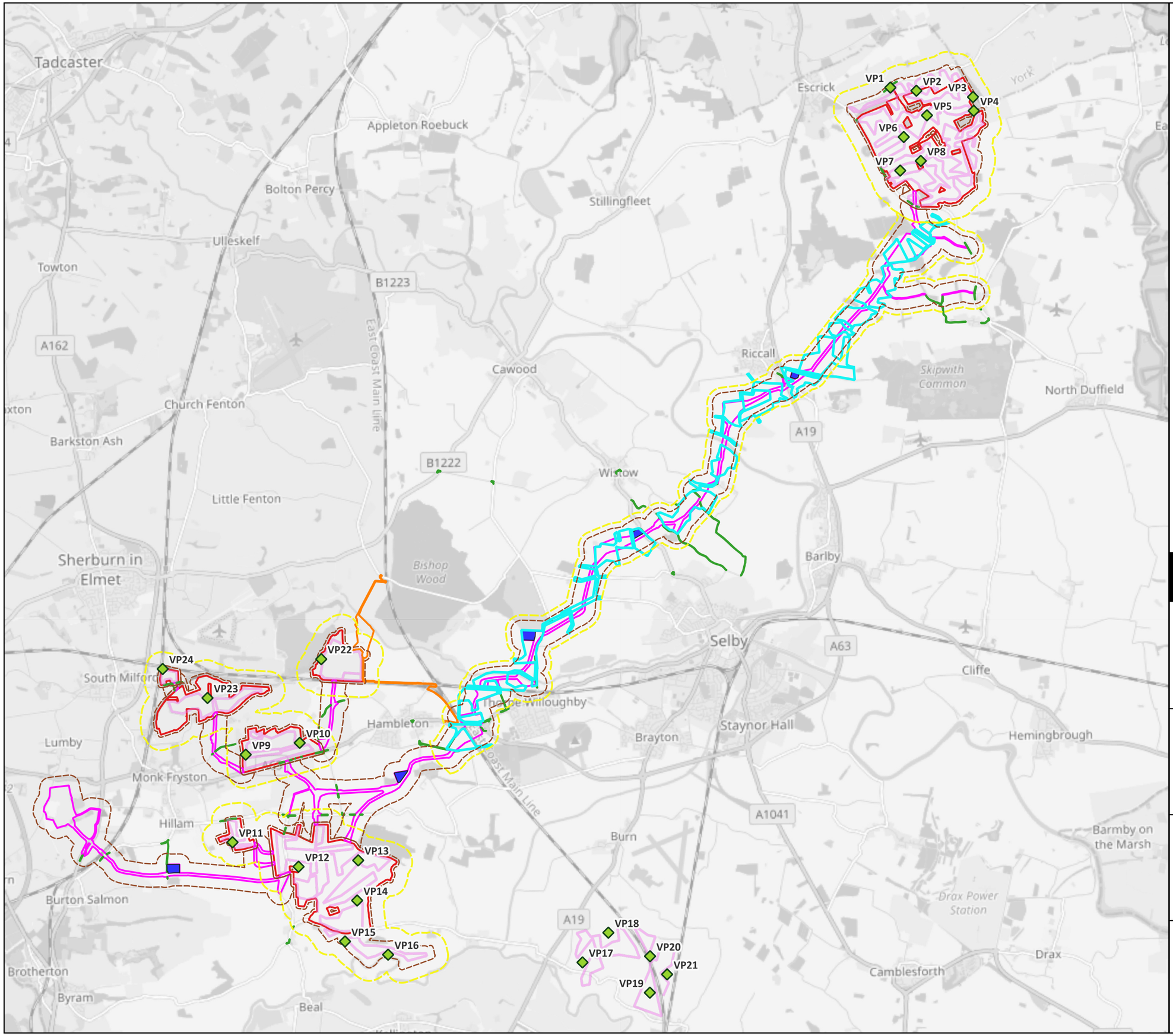

Order Limit

- Solar Development Sites
- Solar Development Site 8 Access
- Cable Route Corridor
- Highways Improvement Areas (HIA)
- Construction Compound
- Vantage Point (VP)

Survey Areas

- Breeding Bird Survey Area (50m Solar Development Sites and 200m Cable Route Corridor Buffer)
- Non Breeding Bird Survey Area (300m Solar Development Sites and 300m Cable Route Corridor Buffer, within the SSSI Impact Risk Zone - Lower Derwent Valley)
- The Solar Development Site Transect Routes
- The Cable Route Corridor Transect Routes

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Figure 3: Ornithological Survey Areas

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0 1 2 km

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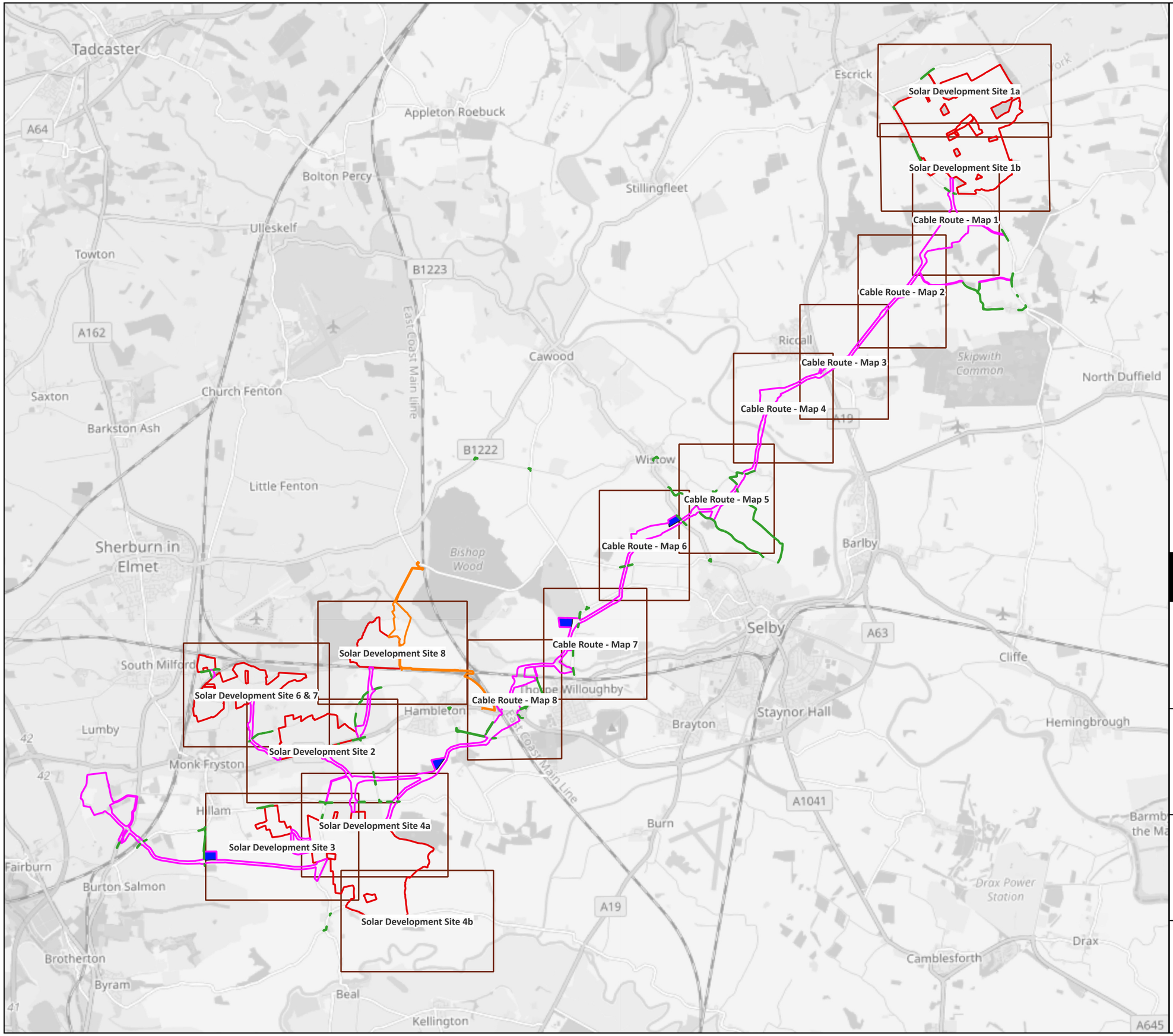
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres



Order Limit

- Solar Development Sites
- Solar Development Site 8 Access
- Cable Route Corridor
- Highways Improvement Areas (HIA)
- Construction Compound

LIGHT VALLEY SOLAR

Figure 4: Non-Breeding Bird Results - Overview

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Date: 05/02/2026

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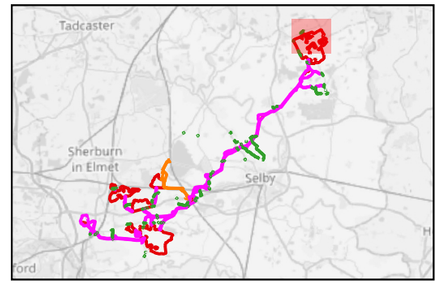
Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
September 204
October 2024
November 2024
December 2024
January 2025
February 2025
March 2025
April 2025
May 2025
August 2025
September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 5: Non-Breeding Bird Results - Birds on the Ground
Solar Development Site 1a

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0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
- Solar Development Sites
- Solar Development Site 8 Access
- Cable Route Corridor
- Highways Improvement Areas (HIA)

Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
- September 204
- October 2024
- November 2024
- December 2024
- January 2025
- February 2025
- March 2025
- April 2025
- May 2025
- August 2025
- September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.

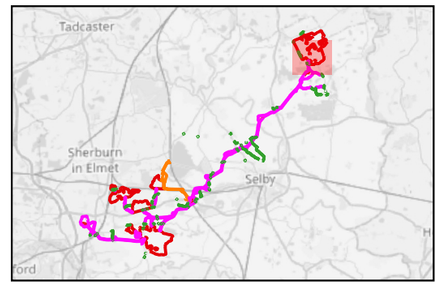

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Figure 6: Non-Breeding Bird Results - Birds on the Ground
Solar Development Site 1b

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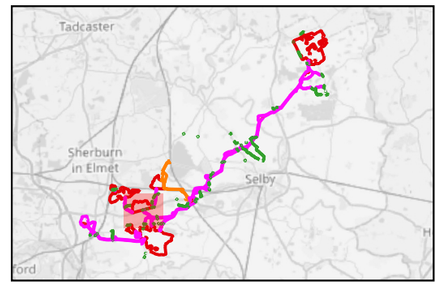
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
September 204
October 2024
November 2024
December 2024
January 2025
February 2025
March 2025
April 2025
May 2025
August 2025
September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 7: Non-Breeding Bird Results - Birds on the Ground
Solar Development Site 2

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0 200 400 m

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Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

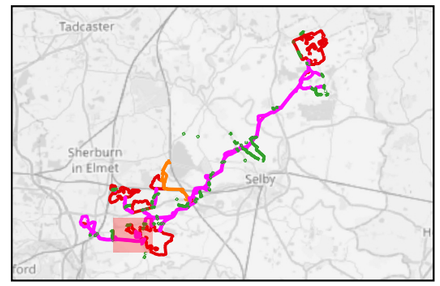
N

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)

Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
- September 204
- October 2024
- November 2024
- December 2024
- January 2025
- February 2025
- March 2025
- April 2025
- May 2025
- August 2025
- September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 8: Non-Breeding Bird Results - Birds on the Ground
Solar Development Site 3

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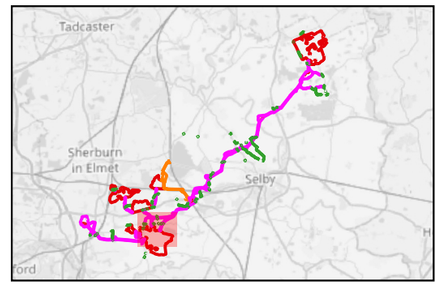
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
September 204
October 2024
November 2024
December 2024
January 2025
February 2025
March 2025
April 2025
May 2025
August 2025
September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 9: Non-Breeding Bird Results - Birds on the Ground Solar Development Site 4a

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0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

This map contains data from the following sources:

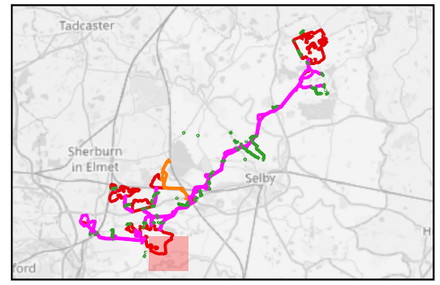
Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)

Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)

- September 204
- October 2024
- November 2024
- December 2024
- January 2025
- February 2025
- March 2025
- April 2025
- May 2025
- August 2025
- September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 10: Non-Breeding Bird Results - Birds on the Ground Solar Development Site 4b

Version: 02

Date: 05/02/2026

avian ecology

Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
www.avianecology.co.uk

0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

N

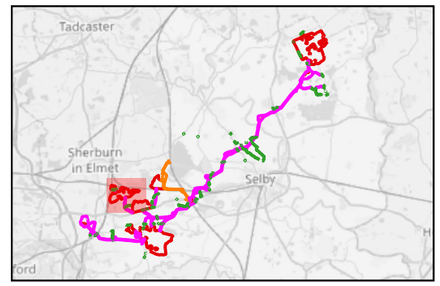
Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)

Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)

- September 204
- October 2024
- November 2024
- December 2024
- January 2025
- February 2025
- March 2025
- April 2025
- May 2025
- August 2025
- September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 11: Non-Breeding Bird Results - Birds on the Ground
Solar Development Site 6 & 7

Version: 02 Date: 05/02/2026

avian ecology

Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
www.avianecology.co.uk

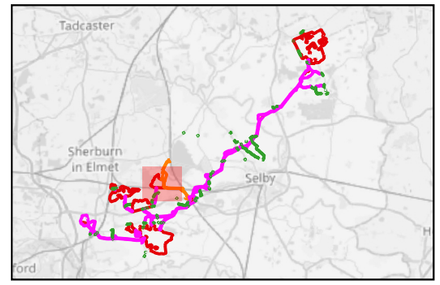
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
September 204
October 2024
November 2024
December 2024
January 2025
February 2025
March 2025
April 2025
May 2025
August 2025
September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 12: Non-Breeding Bird Results - Birds on the Ground
Solar Development Site 8

Version: 02 Date: 05/02/2026

avian ecology
Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
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Tel: 0843 506 5116
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0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

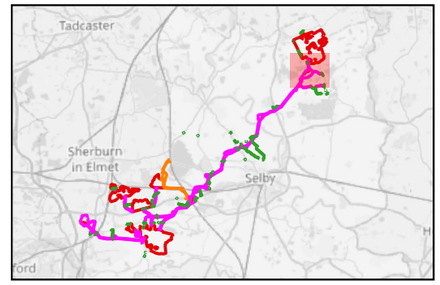
Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)

Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)

- September 204
- October 2024
- November 2024
- December 2024
- January 2025
- February 2025
- March 2025
- April 2025
- May 2025
- August 2025
- September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 13: Non-Breeding Bird Results - Birds on the Ground
Cable Route - Map 1

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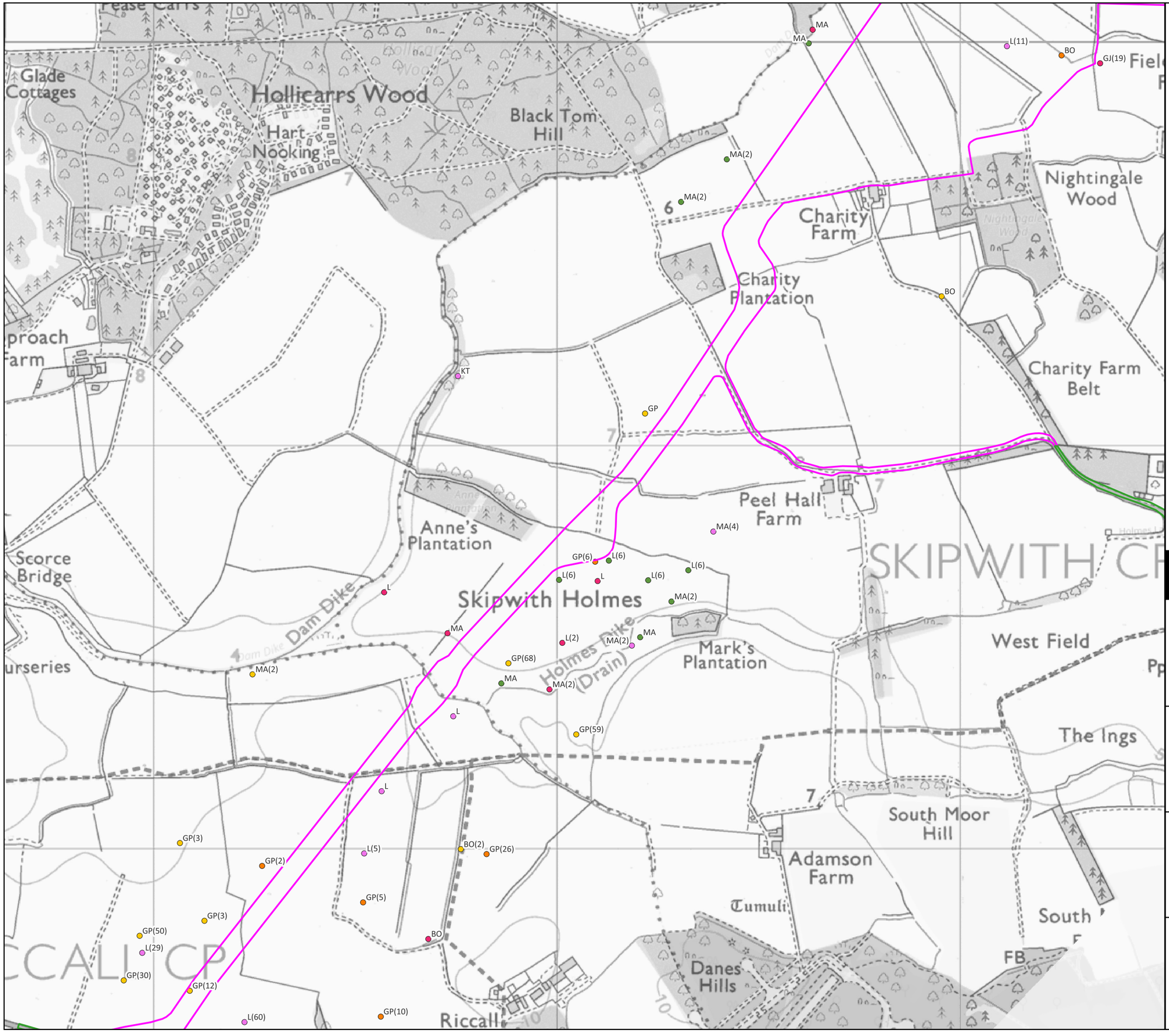
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

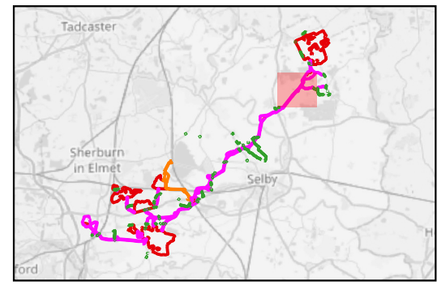


Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)

- September 204
- October 2024
- November 2024
- December 2024
- January 2025
- February 2025
- March 2025
- April 2025
- May 2025
- August 2025
- September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 14: Non-Breeding Bird Results - Birds on the Ground
Cable Route - Map 2

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WA4 4PG
Tel: 0843 506 5116
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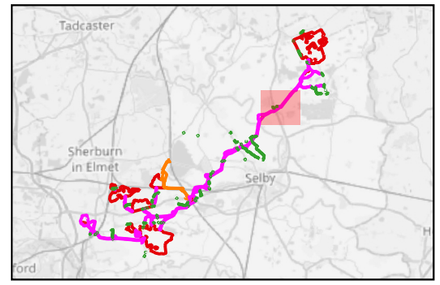
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
September 204
October 2024
November 2024
December 2024
January 2025
February 2025
March 2025
April 2025
May 2025
August 2025
September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 15: Non-Breeding Bird Results - Birds on the Ground
Cable Route - Map 3

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avian ecology
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WA4 4PG
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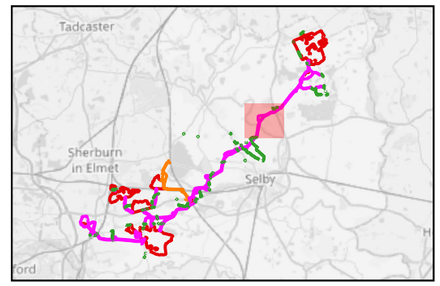
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
September 204
October 2024
November 2024
December 2024
January 2025
February 2025
March 2025
April 2025
May 2025
August 2025
September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 16: Non-Breeding Bird Results - Birds on the Ground
Cable Route - Map 4

Version: 02 Date: 05/02/2026

avian ecology
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WA4 4PG
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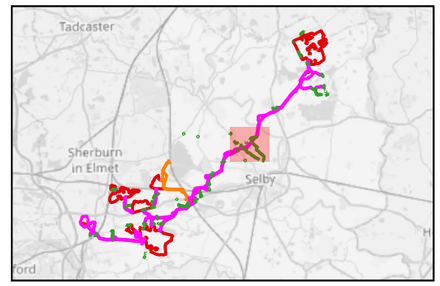
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
- September 204
- October 2024
- November 2024
- December 2024
- January 2025
- February 2025
- March 2025
- April 2025
- May 2025
- August 2025
- September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 17: Non-Breeding Bird Results - Birds on the Ground Cable Route - Map 5

Version: 02 Date: 05/02/2026

avian ecology
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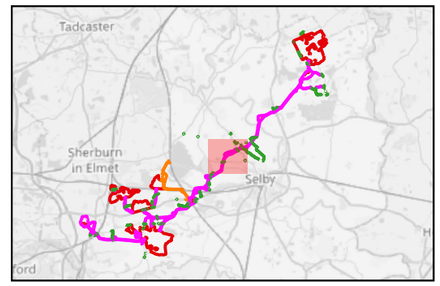
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
September 204
October 2024
November 2024
December 2024
January 2025
February 2025
March 2025
April 2025
May 2025
August 2025
September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 18: Non-Breeding Bird Results - Birds on the Ground
Cable Route - Map 6

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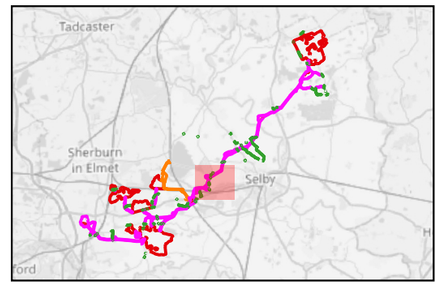
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
September 204
October 2024
November 2024
December 2024
January 2025
February 2025
March 2025
April 2025
May 2025
August 2025
September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 19: Non-Breeding Bird Results - Birds on the Ground
Cable Route - Map 7

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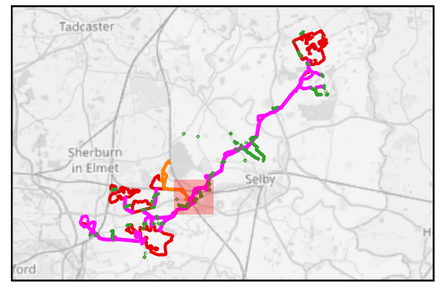
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Non-Breeding Bird Results - Grounded Birds (Month of Survey)
- September 204
- October 2024
- November 2024
- December 2024
- January 2025
- February 2025
- March 2025
- April 2025
- May 2025
- August 2025
- September 2025

All records shown are plotted on the map, using combined data from all survey visits and monthly counts.



LIGHT VALLEY SOLAR

Figure 20: Non-Breeding Bird Results - Birds on the Ground
Cable Route - Map 8

Version: 02 Date: 05/02/2026

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Tel: 0843 506 5116
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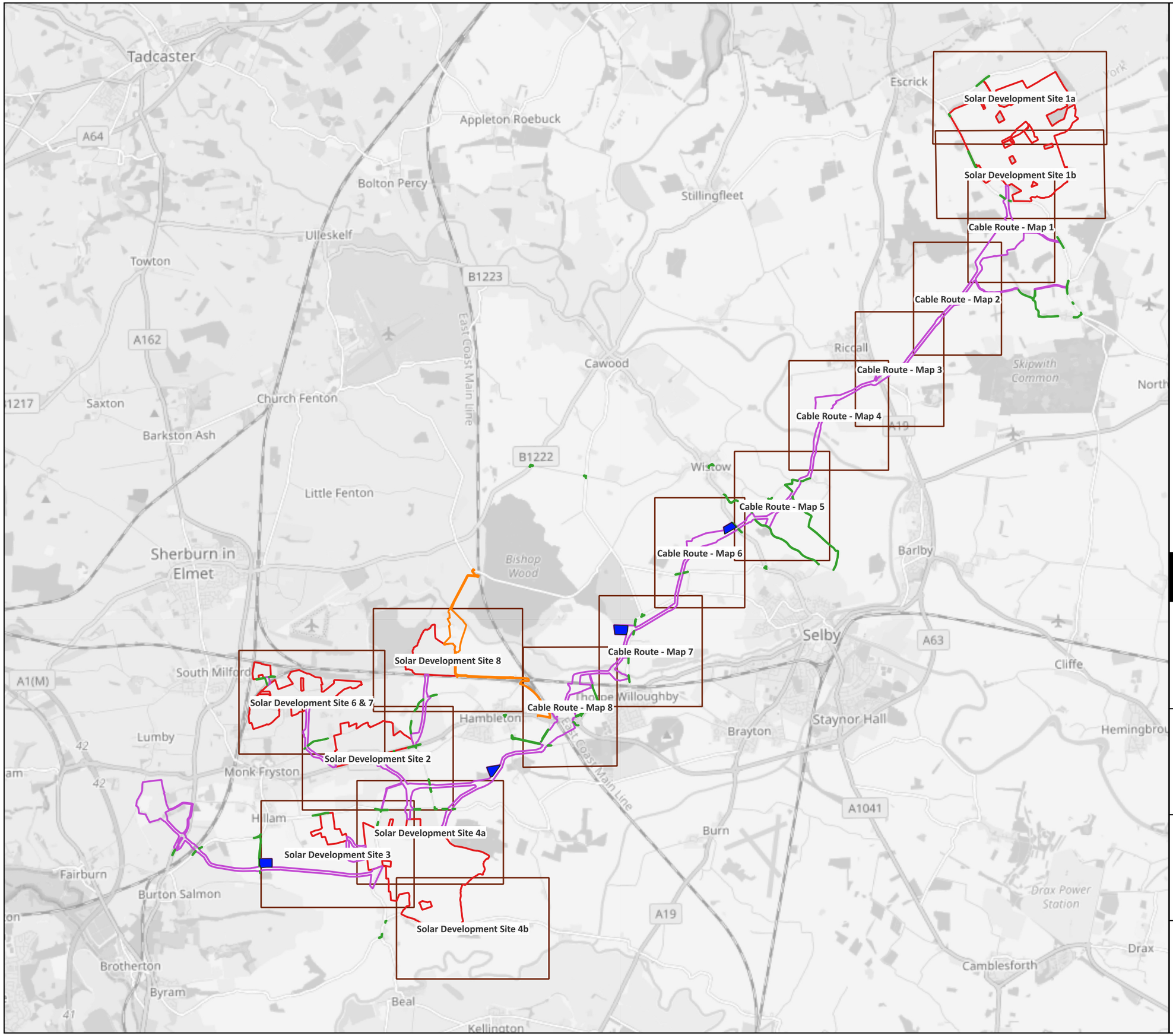
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

This map contains data from the following sources:



Order Limit

- Solar Development Sites
- Solar Development Site 8 Access
- Cable Route Corridor
- Highways Improvement Areas (HIA)
- Construction Compound

LIGHT VALLEY SOLAR

Figure 21: Non-Breeding Flightlines - Overview

Version: 01

Date: 05/02/2026

avian ecology

Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
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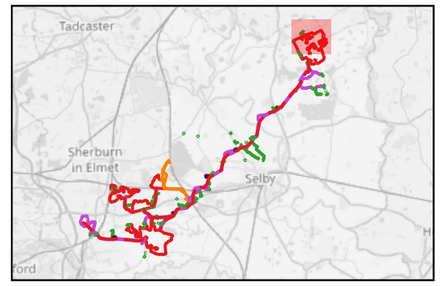
0 1 2 km

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Flightlines (Species)
Schedule 1
Curlew
Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)
Dunlin
Green Sandpiper
Goose (Greylag and Pink-footed)
Lapwing and Golden Plover
Little Egret
Oystercatcher
Redshank
Whooper Swan



LIGHT VALLEY SOLAR

Figure 22: Non-Breeding Bird Results - Flightlines
Solar Development Site 1a

Version: 02 Date: 05/02/2026

avian ecology

Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
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0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

Schedule 1

Curlew

Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)

Dunlin

Green Sandpiper

Goose (Greylag and Pink-footed)

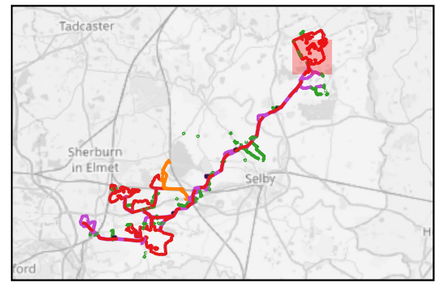
Lapwing and Golden Plover

Little Egret

Oystercatcher

Redshank

Whooper Swan



LIGHT VALLEY SOLAR

Figure 23: Non-Breeding Bird Results - Flightlines
Solar Development Site 1b

Version: 02 Date: 05/02/2026

avian ecology

Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
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0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

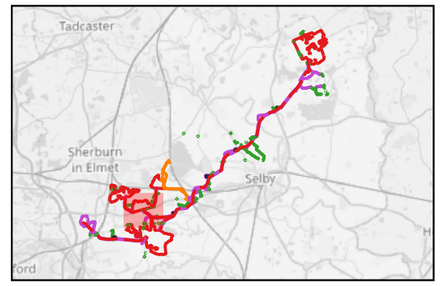
Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

- Schedule 1
- Curlew
- Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)
- Dunlin
- Green Sandpiper
- Goose (Greylag and Pink-footed)
- Lapwing and Golden Plover
- Little Egret
- Oystercatcher
- Redshank
- Whooper Swan



LIGHT VALLEY SOLAR

Figure 24: Non-Breeding Bird Results - Flightlines
Solar Development Site 2

Version: 02 Date: 05/02/2026

avian ecology

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WA4 4PG
Tel: 0843 506 5116
www.avianecology.co.uk

0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

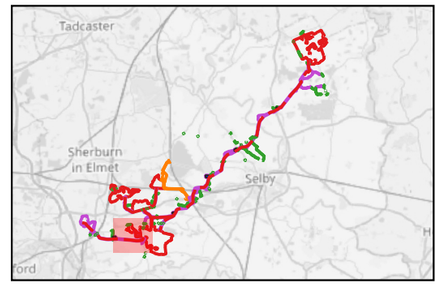
Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

- Schedule 1
- Curlew
- Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)
- Dunlin
- Green Sandpiper
- Goose (Greylag and Pink-footed)
- Lapwing and Golden Plover
- Little Egret
- Oystercatcher
- Redshank
- Whooper Swan



LIGHT VALLEY SOLAR

Figure 25: Non-Breeding Bird Results - Flightlines
Solar Development Site 3

Version: 02 Date: 05/02/2026

avian ecology

Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
www.avianecology.co.uk

0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

Schedule 1

Curlew

Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)

Dunlin

Green Sandpiper

Goose (Greylag and Pink-footed)

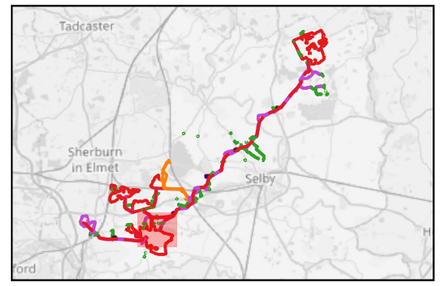
Lapwing and Golden Plover

Little Egret

Oystercatcher

Redshank

Whooper Swan



LIGHT VALLEY SOLAR

Figure 26: Non-Breeding Bird Results - Flightlines
Solar Development Site 4a

Version: 02 Date: 05/02/2026

avian ecology

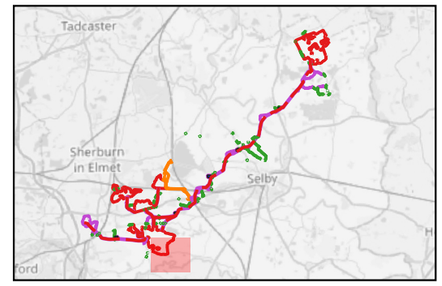
Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
www.avianecology.co.uk

0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Flightlines (Species)
Schedule 1
Curlew
Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)
Dunlin
Green Sandpiper
Goose (Greylag and Pink-footed)
Lapwing and Golden Plover
Little Egret
Oystercatcher
Redshank
Whooper Swan



LIGHT VALLEY SOLAR

Figure 27: Non-Breeding Bird Results - Flightlines
Solar Development Site 4b

Version: 02 Date: 05/02/2026

avian ecology
Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
www.avianecology.co.uk

0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

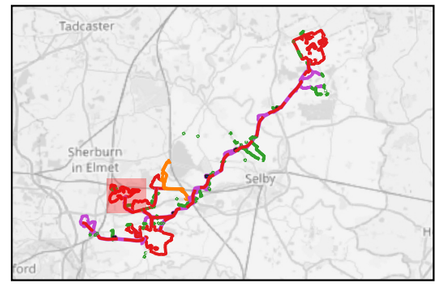
Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

- Schedule 1
- Curlew
- Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)
- Dunlin
- Green Sandpiper
- Goose (Greylag and Pink-footed)
- Lapwing and Golden Plover
- Little Egret
- Oystercatcher
- Redshank
- Whooper Swan



LIGHT VALLEY SOLAR

Figure 28: Non-Breeding Bird Results - Flightlines
Solar Development Site 6 & 7

Version: 02 Date: 05/02/2026

avian ecology

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WA4 4PG
Tel: 0843 506 5116
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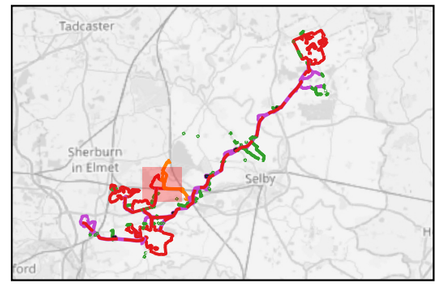
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Flightlines (Species)
Schedule 1
Curlew
Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)
Dunlin
Green Sandpiper
Goose (Greylag and Pink-footed)
Lapwing and Golden Plover
Little Egret
Oystercatcher
Redshank
Whooper Swan



LIGHT VALLEY SOLAR

Figure 29: Non-Breeding Bird Results - Flightlines
Solar Development Site 8

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avian ecology
Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
www.avianecology.co.uk

0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

Schedule 1

Curlew

Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)

Dunlin

Green Sandpiper

Goose (Greylag and Pink-footed)

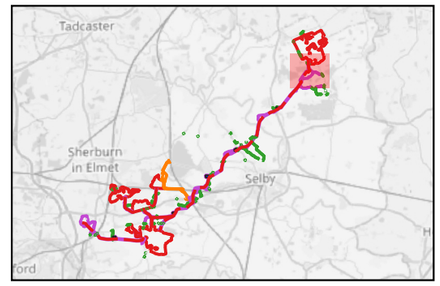
Lapwing and Golden Plover

Little Egret

Oystercatcher

Redshank

Whooper Swan



LIGHT VALLEY SOLAR

Figure 30: Non-Breeding Bird Results - Flightlines
Cable Route - Map 1

Version: 02

Date: 05/02/2026

avian ecology

Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton
WA4 4PG
Tel: 0843 506 5116
www.avianecology.co.uk

0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

Schedule 1

Curlew

Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)

Dunlin

Green Sandpiper

Goose (Greylag and Pink-footed)

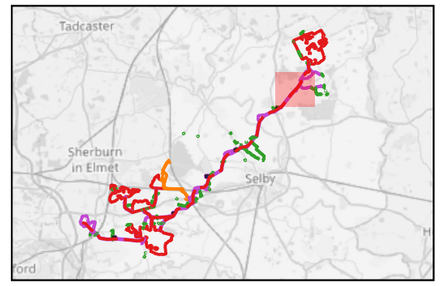
Lapwing and Golden Plover

Little Egret

Oystercatcher

Redshank

Whooper Swan



LIGHT VALLEY SOLAR

Figure 31: Non-Breeding Bird Results - Flightlines
Cable Route - Map 2

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0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

Schedule 1

Curlew

Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)

Dunlin

Green Sandpiper

Goose (Greylag and Pink-footed)

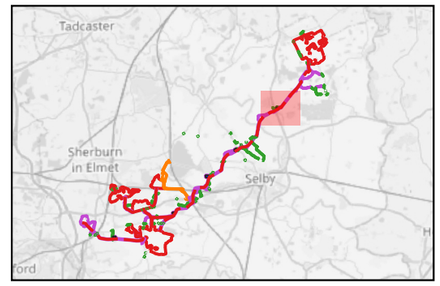
Lapwing and Golden Plover

Little Egret

Oystercatcher

Redshank

Whooper Swan



LIGHT VALLEY SOLAR

Figure 32: Non-Breeding Bird Results - Flightlines
Cable Route - Map 3

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Avian Ecology, Suite 3c Walnut Tree Farm, Northwich Road, Lower Stretton WA4 4PG
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0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

Schedule 1

Curlew

Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)

Dunlin

Green Sandpiper

Goose (Greylag and Pink-footed)

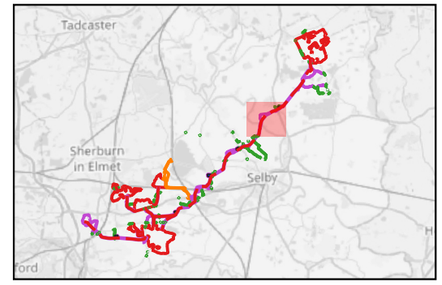
Lapwing and Golden Plover

Little Egret

Oystercatcher

Redshank

Whooper Swan



LIGHT VALLEY SOLAR

Figure 33: Non-Breeding Bird Results - Flightlines
Cable Route - Map 4

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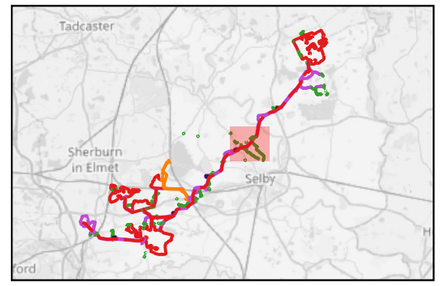
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Flightlines (Species)
Schedule 1
Curlew
Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)
Dunlin
Green Sandpiper
Goose (Greylag and Pink-footed)
Lapwing and Golden Plover
Little Egret
Oystercatcher
Redshank
Whooper Swan



LIGHT VALLEY SOLAR

Figure 34: Non-Breeding Bird Results - Flightlines
Cable Route - Map 5

Version: 02 Date: 05/02/2026

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WA4 4PG
Tel: 0843 506 5116
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0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit

Solar Development Sites

Solar Development Site 8 Access

Cable Route Corridor

Highways Improvement Areas (HIA)

Construction Compound

Flightlines (Species)

Schedule 1

Curlew

Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)

Dunlin

Green Sandpiper

Goose (Greylag and Pink-footed)

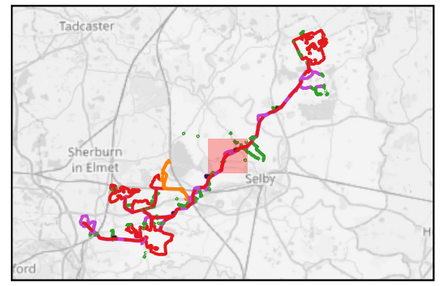
Lapwing and Golden Plover

Little Egret

Oystercatcher

Redshank

Whooper Swan



LIGHT VALLEY SOLAR

Figure 35: Non-Breeding Bird Results - Flightlines
Cable Route - Map 6

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WA4 4PG
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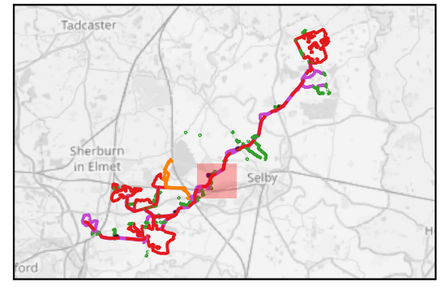
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Flightlines (Species)
Schedule 1
Curlew
Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)
Dunlin
Green Sandpiper
Goose (Greylag and Pink-footed)
Lapwing and Golden Plover
Little Egret
Oystercatcher
Redshank
Whooper Swan



LIGHT VALLEY SOLAR

Figure 36: Non-Breeding Bird Results - Flightlines
Cable Route - Map 7

Version: 02 Date: 05/02/2026

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Tel: 0843 506 5116
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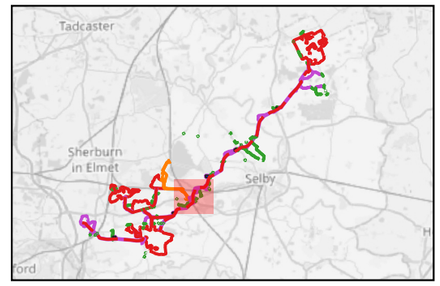
0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

Order Limit
Solar Development Sites
Solar Development Site 8 Access
Cable Route Corridor
Highways Improvement Areas (HIA)
Construction Compound

Flightlines (Species)
Schedule 1
Curlew
Duck (Mallard, Gadwall, Shelduck, Shoveler, Teal)
Dunlin
Green Sandpiper
Goose (Greylag and Pink-footed)
Lapwing and Golden Plover
Little Egret
Oystercatcher
Redshank
Whooper Swan



LIGHT VALLEY SOLAR

Figure 37: Non-Breeding Bird Results - Flightlines
Cable Route - Map 8

Version: 02 Date: 05/02/2026

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WA4 4PG
Tel: 0843 506 5116
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0 200 400 m

Co-ordinate System : British National Grid
Projection: Traverse Mercator
Datum: OSGB 1936
Units: Metres

ANNEX 2: ANNEX B, ANNEX B1 AND ANNEX C- SUPPORTING MATERIAL

ANNEX 3 – SOLAR DEVELOPMENT SITES DATA – MINUMUM, MAXIMUM AND FREQUENCY (TOTAL NUMBER OF RECORDS ACROSS ALL SURVEY METHODS COMBINED EACH MONTH).

Table 3a September to November 2024

Species	Sep-24			Oct-24			Nov-24		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Solar Development Site 1									
Barn Owl	1	1	1	1	1	1			
Black-headed Gull				1	1	1	69	27	2
Common Gull							23	6	2
Gadwall	5	5	1						
Golden Plover				2	2	1	9	1	4
Grey Heron				1	1	1	1	1	1
Grey Partridge				9	2	4	8	8	2
Herring Gull	6	6	1				4	1	2
Jack Snipe				1	1	2	1	1	2
Kestrel							1	1	1
Lapwing	106	2	3	234	1	9	126	1	11
Lesser Black-backed Gull	27	27	1						
Mallard				11	3	2	9	2	4
Moorhen				1	1	1	1	1	1
Red Kite	2	2	1				1	1	1
Snipe				2	2	1	11	1	9
Tawny Owl	2	1	3	2	1	9	4	4	1
Teal							12	1	5
Woodcock							3	1	4
Solar Development Site 2									
Black-headed Gull				15	15	1	300	26	4
Common Gull							47	3	2
Golden Plover	5	1	2				1	1	1
Jack Snipe							1	1	1
Little Egret	1	1	1	1	1	1			

Species	Sep-24			Oct-24			Nov-24		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Mallard	5	5	1				2	2	1
Mediterranean Gull							2	2	1
Red Kite				1	1	2			
Snipe	1	1	1				2	2	1
Woodcock				1	1	1			
Solar Development Site 3									
Black-headed Gull							26	26	1
Common Gull							6	6	1
Little Egret							2	2	1
Solar Development Site 4									
Barn Owl				1	1	1			
Black-headed Gull	3	3	1	4	4	1	629	156	2
Canada Goose							8	8	1
Common Gull				1	1	1	39	27	2
Corn Bunting							100	100	1
Golden Plover	1	1	1	1	1	1			
Great Black-backed Gull				2	1	2			
Grey Heron				2	1	5			
Grey Partridge				8	8	2	5	5	1
Greylag Goose	17	17	1				157	157	1
Herring Gull	11	11	1	2	2	1	67	2	2
Jack Snipe				1	1	1	5	5	1
Kestrel				1	1	1			
Kingfisher				1	1	1			
Lapwing				2	1	4	74	1	2
Lesser Black-backed Gull	229	229	1	160	2	3	5	5	1
Little Egret							1	1	1
Little Egret	1	1	1						
Little Owl				1	1	1			
Mallard	7	1	2						

Species	Sep-24			Oct-24			Nov-24		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Moorhen	1	1	1	1	1	3	1	1	1
Mute Swan							1	1	2
Peregrine	1	1	1						
Pink-footed Goose							2	2	1
Quail							1	1	1
Short-eared Owl							1	1	1
Snipe	1	1	1	4	4	1	4	1	4
Tawny Owl				2	1	3	2	2	1
Teal				11	11	1			
Woodcock							1	1	1
Solar Development Site 6/7									
Barn Owl							1	1	1
Grey Partridge				6	6	1			
Little Egret							1	1	1
Moorhen							1	1	1
Snipe							3	3	1
Solar Development Site 8									
Herring Gull				8	8	1			
Snipe				1	1	1			
Tawny Owl				4	4	1			
Woodcock							1	1	3

Table 3b December 2024 to February 2025

Species	Dec-24			Jan-25			Feb-25		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Solar Development Site 1									
Black-headed Gull	259	259	1	2	1	4	7	2	2
Common Gull	87	26	2	22	9	4	118	92	3
Gadwall				2	2	1			
Golden Plover				112	1	12	42	42	1
Grey Heron	1	1	1						
Grey Partridge	5	5	1	7	3	4	7	2	7
Herring Gull				1	1	1			
Jack Snipe	1	1	2	1	1	3	3	1	3
Lapwing	32	1	3	212	3	12	128	5	5
Little Egret	1	1	1				1	1	1
Long-eared Owl							1	1	1
Mallard				6	6	1	6	2	5
Moorhen	1	1	1				1	1	1
Red Kite	1	1	1	1	1	2	1	1	1
Snipe	8	1	5	19	1	11	23	1	12
Tawny Owl				2	1	8	2	1	6
Teal	2	2	1	9	2	5	13	4	7
Woodcock	6	1	18	5	1	23	16	1	29
Woodpigeon	2600	2600	1	680	145	5	410	95	4
Solar Development Site 2									
Black-headed Gull	140	12	6	22	3	7	127	52	2
Common Gull	34	3	2	4	1	2	6	6	1
Curlew	2	2	1						
Golden Plover				15	1	8			
Grey Partridge	5	5	1	10	5	2	4	1	4
Herring Gull	24	4	3	2	2	1			

Species	Dec-24			Jan-25			Feb-25		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Lapwing	2	1	3	2	2	1	18	18	1
Little Egret	1	1	1				1	1	1
Mallard	3	3	1	2	2	1			
Merlin				1	1	2			
Moorhen	1	1	1	1	1	1			
Red Kite							1	1	1
Tawny Owl							1	1	1
Woodcock	2	1	2	5	1	8	2	1	4
Woodpigeon	124	124	1						
Solar Development Site 3									
Grey Partridge				14	4	4	2	1	2
Little Egret							1	1	1
Little Owl							1	1	1
Mallard				2	2	1			
Teal				2	2	1			
Woodcock	1	1	1	1	1	1			
Solar Development Site 4									
Barn Owl	1	1	1						
Black-headed Gull	41	2	7	2	2	1	55	7	7
Common Gull	29	12	2	10	2	2	4	2	2
Grey Heron	1	1	1				2	2	1
Grey Partridge	11	6	3	11	11	1	3	2	3
Greylag Goose				32	32	1	227	3	4
Herring Gull							2	2	1
Jack Snipe	7	1	6	1	1	1	1	1	3
Lapwing	19	1	4	50	1	4	5	1	5
Lesser Black-backed Gull							1	1	1
Little Egret	2	1	2	1	1	4	1	1	4
Mallard	7	2	4				9	2	4

Species	Dec-24			Jan-25			Feb-25		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Moorhen				3	3	1			
Peregrine				2	2	1			
Red Kite				1	1	2	1	1	1
Shelduck				2	2	1			
Snipe	8	1	9	2	1	7	50	2	14
Tawny Owl				1	1	2	1	1	2
Teal	14	3	3				8	2	4
Wigeon							10	10	1
Woodcock	3	1	8	2	1	5	3	1	13
Solar Development Site 6/7									
Barn Owl							1	1	1
Black-headed Gull	1	1	1						
Grey Partridge							4	1	4
Herring Gull	3	1	2	3	1	2			
Jack Snipe				3	1	2			
Lapwing				2	2	1			
Little Egret				1	1	1			
Mallard				4	2	3	4	2	2
Moorhen							1	1	2
Red Kite				1	1	1			
Short-eared Owl				1	1	1			
Snipe	1	1	1	3	1	6	2	2	1
Tawny Owl				1	1	1			
Teal							1	1	1
Woodcock	1	1	2	1	1	1	2	1	8
Solar Development Site 8									
Black-headed Gull	4	4	1				56	2	2
Curlew							4	4	1
Golden Plover	30	2	3	45	2	3	47	1	5
Grey Partridge							2	2	1

Species	Dec-24			Jan-25			Feb-25		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Greylag Goose	27	27	1				40	6	3
Mallard	11	11	1				24	4	4
Moorhen							1	1	1
Snipe	2	1	4				1	1	1
Tawny Owl	2	2	1						
Teal	4	4	1				1	1	1
Wigeon							16	16	1
Woodcock	1	1	5						
Woodpigeon							480	350	2

Table 3c. March to May 2025

Species	Mar-25			Apr-25			May-25		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Solar Development Site 1									
Barn Owl				2	2	1	2	2	1
Golden Plover	1	1	1						
Grey Heron	1	1	1	1	1	1	1	1	1
Grey Partridge	2	2	3	2	1	5	2	1	11
Greylag Goose				12	2	6	4	2	4
Jack Snipe	2	2	1						
Lapwing	12	1	14	6	1	12	6	1	19
Lesser Black-backed Gull				3	3	1			
Little Owl				1	1	1	1	1	1
Mallard	16	2	9	6	1	10	10	1	12
Moorhen	2	1	2	1	1	2	2	2	1
Oystercatcher	4	4	1	2	2	2	2	2	3
Red Kite				1	1	2			
Snipe	67	1	12	11	11	1			
Tawny Owl	2	1	5	2	1	12	1	1	7
Teal	4	2	3						
Woodcock	6	1	17						
Woodpigeon	270	250	2						
Solar Development Site 2									
Black-headed Gull							7	7	1
Golden Plover				9	9	1			
Grey Partridge	2	2	3	2	2	1	1	1	4
Lapwing	19	19	1	2	1	7	2	1	2
Mallard	2	2	1	2	1	3	1	1	4
Snipe	2	2	1						
Tawny Owl							1	1	1
Woodcock	3	1	9						

Species	Mar-25			Apr-25			May-25		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Solar Development Site 3									
Black-headed Gull							3	3	1
Grey Heron							1	1	2
Grey Partridge	2	2	1	2	1	6	2	1	2
Mallard				6	1	3	5	5	1
Tawny Owl	1	1	1						
Woodcock	1	1	4						
Solar Development Site 4									
Black-headed Gull	2	2	1				12	5	3
Common Sandpiper				1	1	1			
Curlew	1	1	1	1	1	2			
Gadwall				2	2	3	1	1	2
Great Crested Grebe				1	1	1			
Grey Heron	2	1	2	1	1	4	3	3	1
Grey Partridge	3	1	5	2	1	6	2	1	11
Greylag Goose	2	1	2	25	1	9	8	8	1
Herring Gull	2	2	1						
Kingfisher							1	1	2
Lapwing	4	1	5	6	1	26	9	1	9
Little Egret							1	1	1
Little Ringed Plover				3	2	2			
Mallard	5	2	7	14	1	26	3	1	12
Moorhen	1	1	1	1	1	7	4	1	6
Oystercatcher				4	1	3	1	1	1
Red Kite	1	1	1						
Snipe	6	1	8						
Tawny Owl				1	1	1			
Teal	40	1	5						
Woodcock	2	1	7						

Species	Mar-25			Apr-25			May-25		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Solar Development Site 6/7									
Barn Owl				2	2	1			
Grey Partridge	5	3	2	3	2	3	2	1	3
Greylag Goose				10	2	4			
Jack Snipe	1	1	1						
Lapwing				2	2	1			
Little Egret	1	1	2						
Mallard	2	2	4	6	1	7	3	1	4
Moorhen				2	1	3	1	1	2
Teal	3	3	1						
Woodcock	2	1	2						
Solar Development Site 8									
Barn Owl							1	1	1
Black-headed Gull	39	39	2						
Common Gull	4	4	1						
Curlew	1	1	2	1	1	2			
Grey Partridge	2	2	1	2	2	1			
Greylag Goose	14	8	2	16	2	3			
Lapwing	9	1	5	2	2	1			
Little Ringed Plover				2	2	1			
Mallard	8	2	3	2	1	2			
Oystercatcher	11	2	5	1	1	1			
Redshank	2	2	2						
Snipe	1	1	1						
Teal	2	2	1						
Woodcock	3	2	2						

Table 3d. August to September 2025

Species	Aug-25			Sep-25		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Solar Development Site 1						
Barn Owl				1	1	1
Black-headed Gull	19	2	2			
Grey Heron	1	1	1			
Grey Partridge	12	1	2	18	18	1
Herring Gull	7	6	2			
Lesser Black-backed Gull	5	5	1			
Moorhen	1	1	1			
Red Kite				3	1	2
Tawny Owl	1	1	1			
Solar Development Site 2						
Grey Partridge	1	1	1			
Solar Development Site 3						
No priority species						
Solar Development Site 4						
Black-headed Gull	36	1	5	34	8	4
Common Gull	17	2	2	23	23	1
Grey Heron	3	1	2	1	1	2
Grey Partridge	10	2	3	10	10	1
Greylag Goose	4	1	3			
Herring Gull	8	4	2	7	3	2
Lapwing	35	35	1			
Lesser Black-backed Gull	28	1	5	30	7	3
Moorhen	1	1	3			
Peregrine	1	1	2			
Red Kite	1	1	2			
Marsh Harrier	1	1	1			
Cattle Egret	1	1	1			

Species	Aug-25			Sep-25		
	Maximum	Minimum	Frequency	Maximum	Minimum	Frequency
Solar Development Site 6/7						
Grey Heron				2	1	2
Grey Partridge				2	2	1
Mallard				2	2	1
Moorhen	1	1	1	3	3	1
Red Kite				1	1	1
Solar Development Site 8						
Moorhen	1	1	1			

ANNEX 4A: CABLE ROUTE CORRIDOR DATA

Table 4a. Map Area as per figures 13-20 and peak counts across the entire order limits for the Cable Route Corridor (within the SSSI IRZ) during April and October 2025

Species	Map Area Number							
	1	2	3	4	5	6	7	8
April								
Gadwall	-	-	-	-	-	-	-	1
Grey Heron	-	-	-	-	-	1	-	-
Grey Partridge	2	2	2	2	2	1	2	-
Lapwing	-	6	-	1	-	12	-	3
Little Egret	-	-	-	2	-	-	-	-
Mallard	2	2	-	2	-	-	-	-
Moorhen	-	-	-	1	-	-	-	-
Mute Swan	-	-	-	2	-	-	-	-
Oystercatcher	1	-	-	-	-	-	-	-
Tawny Owl	2	2	1	-	-	1	1	1
May								
Barn Owl	1	-	1	-	1	-	1	1
Cetti's Warbler	-	-	-	-	-	-	-	1
Grey Heron	-	-	-	-	-	-	-	1
Grey Partridge	2	2	2	2	2	3	2	-
Greylag Goose	19	-	-	-	-	-	-	-
Lapwing	-	2	-	2	-	20	-	4
Little Egret	-	-	-	1	-	-	-	-
Little Owl	-	-	-	-	1	-	-	-
Mallard	1	2	-	2	-	1	-	2
Moorhen	-	-	-	1	1	-	-	1
Mute Swan	-	-	-	1	1	-	-	-
Red Kite	1	-	-	-	-	-	-	-
Tawny Owl	2	1	1	-	2	2	1	-
August								
Black-Headed Gull	-	14	-	-	21	27	32	-
Common Gull	4	3	-	-	7	-	-	-

Species	Map Area Number							
	1	2	3	4	5	6	7	8
Cormorant	-	-	-	1	-	-	-	-
Gadwall	-	-	-	4	-	-	-	-
Golden Plover	-	-	-	-	50	-	-	-
Grey Heron	-	-	-	-	1	-	1	1
Grey Partridge	-	13	7	-	9	24	13	-
Herring Gull	6	1	-	-	-	-	-	-
Lapwing	11	1	60	60	10	-	3	13
Lesser Black-Backed Gull	-	27	-	-	1	-	-	-
Little Owl	-	-	-	-	1	1	-	-
Mallard	-	4	-	5	21	-	2	-
Moorhen	-	1	-	2	-	-	-	-
Mute Swan	-	-	-	-	-	-	1	-
Red Kite	1	1	-	-	-	-	-	-
Tawny Owl	1	-	2	1	1	1	1	1
Woodcock	-	-	2	-	-	-	-	-
September								
Barn Owl	1	-	2	-	-	-	1	-
Black-headed Gull	-	-	90	-	19	13	-	117
Cetti's Warbler	-	-	-	2	-	-	-	-
Common Gull	-	-	8	-	9	3	-	2
Coot	-	-	-	1	-	-	-	-
Golden Plover	-	68	59	-	4	-	-	-
Great Black-backed Gull	-	1	-	-	-	-	-	-
Grey Heron	-	-	-	1	1	-	-	-
Grey Partridge	-	11	3	7	35	20	16	10
Herring Gull	-	13	1	-	-	-	-	-
Lapwing	-	-	-	8	4	7	-	3
Lesser Black-backed Gull	-	34	37	1	6	2	4	109
Little Owl	-	-	-	-	1	1	-	-

Species	Map Area Number							
	1	2	3	4	5	6	7	8
Mallard	-	-	2	3	2	-	5	-
Moorhen	-	-	-	1	1	-	5	-
Mute Swan	-	-	-	-	1	-	4	-
Red Kite	-	-	-	-	2	-	-	-
Ruff	-	-	-	1	1	-	-	-
Snipe	-	-	-	1	-	-	-	-
Tawny Owl	1	1	-	1	1	1	-	-
Teal	-	-	-	9	-	-	-	-
Woodcock	-	-	2	-	-	-	-	-
October								
Barn owl	1							1
Black-headed gull					153	3	13	35
Cetti's warbler				1				
Common gull						12		
Golden plover		6	26	1	44			
Green sandpiper		1		2	1			
Grey heron				1	1		1	
Grey partridge		9	9	7	10	1	14	12
Grey wagtail					2			2
Jack snipe					1			
Lapwing			1	3	1			
Lesser black-backed gull				1		1	2	
Little egret				3				
Little owl		1						
Mallard				5	4		25	
Moorhen				1			1	
Mute swan				1				
Snipe			1	3			1	
Tawny owl	1	1		1	1			

Species	Map Area Number							
	1	2	3	4	5	6	7	8
Teal				2	6		60	
Wigeon				10				
Woodcock			1					

ANNEX 4B: CABLE CORRIDOR MAXIMUM, MINIMUM COUNTS AND AVERAGE ACROSS THE CABLE ROUTE CORRIDOR (WITHIN THE SSSI IRZ)

Table 4b. Maximum, minimum and overall averages across the entire order limits for the Cable Route Corridor (within the SSSI IRZ) during April and October 2025

	April			May			August			September			October		
Species	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**
Barn Owl				1	1	1				2	1	1.3	1	1	1
Black-headed Gull							32	11	21.3	117	1	37	153	3	62.4
Cetti's Warbler				1	1	1				2	2	2	1	1	1
Common Gull							7	3	4.7	9	1	4	12	1	6.5
Coot										1	1	1			
Cormorant							1	1	1						
Gadwall	1	1	1				4	4	4						
Golden Plover							50	2	26	68	1	25.6	44	1	12.1
Great Black-backed Gull										1	1	1			
Green Sandpiper													2	1	1.3
Grey Heron	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	April			May			August			September			October		
Species	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**
Grey Partridge	2	1	1.7	3	1	1.4	24	1	8.5	35	1	8.75	14	1	6.9
Grey Wagtail													2	1	1.7
Greylag Goose				19	1	10									
Herring Gull							6	1	3.5	13	1	6.7			
Jack Snipe													1	1	1
Lapwing	12	1	3.4	20	1	3	60	1	10.1	8	1	4.1	3	1	1.7
Lesser Black-backed Gull							27	1	14	109	1	25.3	2	1	1.3
Little Egret	2	1	1.5	1	1	1							3	3	3
Little Owl				1	1	1	1	1	1	1	1	1	1	1	1
Mallard	2	1	1.5	2	1	1.25	21	1	5.3	5	2	3	25	1	9.6
Moorhen	1	1	1	1	1	1	2	1	1.3	5	1	1.8	1	1	1
Mute Swan	2	2	2	1	1	1	1	1	1	4	1	2	1	1	1
Oystercatcher	1	1	1												
Red Kite				1	1	1	1	1	1	2	2	2			
Ruff										1	1	1			

	April			May			August			September			October		
Species	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**	**Max of Max No.**	**Min of Max No.**	**Average of Max No.**
Snipe										1	1	1	3	1	1.6
Tawny Owl	2	1	1.2	2	1	1.3	2	1	1.1	1	1	1	1	1	1
Teal										9	9	9	60	2	22.7
Wigeon													10	3	6.5
Woodcock							2	1	1.5	2	2	2	1	1	1

ANNEX 5: BTO DATA REPORT: BIRDS WITHIN 2 KM OF THE ORDER LIMITS

English name	Schedule 1 UK	IUCN2 Near Threatened	Annex 1	RBBP	BoCC Amber	IUCN2 Vulnerable	BoCC Red	IUCN2 Critically Endangered	IUCN2 Endangered	Section 41 England	Status within 2 km of the Order Limits
Canada Goose	-	-	-	-	-	-	-	-	-	-	Present
Greylag Goose	-	-	-	-	Y	-	-	-	-	-	Present
Pink-footed Goose	-	-	-	Y	Y	-	-	-	-	-	Present
Mute Swan	-	-	-	-	-	-	-	-	-	-	Present
Gadwall	-	-	-	-	Y	-	-	-	-	-	Present
Mallard	-	-	-	-	Y	Y	-	-	-	-	Present
Teal	-	-	-	-	Y	-	-	-	-	-	Present
Tufted Duck	-	-	-	-	-	Y	-	-	-	-	Present
Grey Partridge	-	-	-	-	-	Y	Y	-	-	Y	Present
Pheasant	-	-	-	-	-	-	-	-	-	-	Present
Red-legged Partridge	-	-	-	-	-	-	-	-	-	-	Present
Rock Dove	-	-	-	-	-	-	-	-	-	-	Present
Stock Dove	-	-	-	-	Y	-	-	-	-	-	Present
Woodpigeon	-	-	-	-	Y	-	-	-	-	-	Present
Collared Dove	-	Y	-	-	-	-	-	-	-	-	Present
Water Rail	-	-	-	-	-	-	-	-	-	-	Present
Moorhen	-	-	-	-	Y	Y	-	-	-	-	Present
Coot	-	-	-	-	-	Y	-	-	-	-	Present
Little Grebe	-	-	-	-	-	-	-	-	-	-	Present
Oystercatcher	-	-	-	-	Y	Y	-	-	-	-	Present
Lapwing	-	-	-	-	-	Y	Y	-	-	Y	Present
Golden Plover	-	-	Y	-	-	-	-	-	-	-	Present
Woodcock	-	-	-	-	-	Y	Y	-	-	-	Present
Jack Snipe	-	-	-	Y	-	-	-	-	-	-	Present

English name	Schedule 1 UK	IUCN2 Near Threatened	Annex 1	RBBP	BoCC Amber	IUCN2 Vulnerable	BoCC Red	IUCN2 Critically Endangered	IUCN2 Endangered	Section 41 England	Status within 2 km of the Order Limits
Snipe	-	-	-	-	Y	Y	-	-	-	-	Present
Black-headed Gull	-	-	-	-	Y	Y	-	-	-	-	Present
Common Gull	-	-	-	-	Y	-	-	-	-	-	Present
Great Black-backed Gull	-	-	-	-	Y	-	-	-	Y	-	Present
Herring Gull	-	-	-	-	-	-	Y	-	Y	Y	Present
Lesser Black-backed Gull	-	-	-	-	Y	-	-	-	-	-	Present
Cormorant	-	Y	-	-	-	-	-	-	-	-	Present
Grey Heron	-	-	-	-	-	Y	-	-	-	-	Present
Little Egret	-	-	Y	Y	-	-	-	-	-	-	Present
Sparrowhawk	-	-	-	-	Y	Y	-	-	-	-	Present
Red Kite	Y	-	Y	-	-	-	-	-	-	-	Present
Buzzard	-	-	-	-	-	-	-	-	-	-	Present
Barn Owl	Y	-	-	-	-	-	-	-	-	-	Present
Kingfisher	Y	-	Y	-	-	Y	-	-	-	-	Present
Great Spotted Woodpecker	-	-	-	-	-	-	-	-	-	-	Present
Green Woodpecker	-	Y	-	-	-	-	-	-	-	-	Present
Kestrel	-	-	-	-	Y	Y	-	-	-	-	Present
Peregrine	Y	-	Y	Y	-	-	-	-	-	-	Present
Jay	-	-	-	-	-	-	-	-	-	-	Present
Magpie	-	-	-	-	-	-	-	-	-	-	Present
Jackdaw	-	-	-	-	-	-	-	-	-	-	Present
Rook	-	Y	-	-	Y	-	-	-	-	-	Present
Carrion Crow	-	-	-	-	-	-	-	-	-	-	Present
Coal Tit	-	-	-	-	-	-	-	-	-	-	Present
Willow Tit	-	-	-	Y	-	-	Y	-	Y	Y	Present
Blue Tit	-	-	-	-	-	-	-	-	-	-	Present

English name	Schedule 1 UK	IUCN2 Near Threatened	Annex 1	RBBP	BoCC Amber	IUCN2 Vulnerable	BoCC Red	IUCN2 Critically Endangered	IUCN2 Endangered	Section 41 England	Status within 2 km of the Order Limits
Great Tit	-	-	-	-	-	-	-	-	-	-	Present
Skylark	-	-	-	-	-	-	Y	-	-	Y	Present
Swallow	-	-	-	-	-	Y	-	-	-	-	Present
House Martin	-	Y	-	-	-	-	Y	-	-	-	Present
Long-tailed Tit	-	-	-	-	-	-	-	-	-	-	Present
Chiffchaff	-	-	-	-	-	-	-	-	-	-	Present
Blackcap	-	-	-	-	-	-	-	-	-	-	Present
Lesser Whitethroat	-	-	-	-	-	-	-	-	-	-	Present
Goldcrest	-	-	-	-	-	-	-	-	-	-	Present
Wren	-	-	-	-	Y	-	-	-	-	-	Present
Treecreeper	-	-	-	-	-	-	-	-	-	-	Present
Starling	-	-	-	-	-	Y	Y	-	-	Y	Present
Song Thrush	-	-	-	-	Y	-	-	-	-	Y	Present
Mistle Thrush	-	Y	-	-	-	-	Y	-	-	-	Present
Redwing	Y	-	-	Y	Y	-	-	Y	-	-	Present
Blackbird	-	-	-	-	-	-	-	-	-	-	Present
Fieldfare	Y	-	-	Y	-	-	Y	Y	-	-	Present
Robin	-	-	-	-	-	-	-	-	-	-	Present
Stonechat	-	-	-	-	-	-	-	-	-	-	Present
Tree Sparrow	-	-	-	-	-	Y	Y	-	-	Y	Present
House Sparrow	-	-	-	-	-	-	Y	-	-	Y	Present
Dunnock	-	-	-	-	Y	-	-	-	-	Y	Present
Grey Wagtail	-	Y	-	-	Y	-	-	-	-	-	Present
Pied Wagtail	-	-	-	-	-	-	-	-	-	-	Present
Meadow Pipit	-	-	-	-	Y	-	-	-	-	-	Present
Chaffinch	-	-	-	-	-	-	-	-	Y	-	Present

English name	Schedule 1 UK	IUCN2 Near Threatened	Annex 1	RBBP	BoCC Amber	IUCN2 Vulnerable	BoCC Red	IUCN2 Critically Endangered	IUCN2 Endangered	Section 41 England	Status within 2 km of the Order Limits
Brambling	Y	-	-	Y	-	-	-	-	-	-	Present
Bullfinch	-	-	-	-	Y	-	-	-	-	Y	Present
Greenfinch	-	-	-	-	-	-	Y	-	Y	-	Present
Linnet	-	-	-	-	-	-	Y	-	-	Y	Present
Goldfinch	-	-	-	-	-	-	-	-	-	-	Present
Siskin	-	-	-	-	-	-	-	-	-	-	Present
Yellowhammer	-	-	-	-	-	-	Y	-	-	Y	Present
Reed Bunting	-	-	-	-	Y	-	-	-	-	Y	Present

ANNEX 6: NORTH & EAST YORKSHIRE ECOLOGICAL DATA CENTRE- BIRDS WITHIN 2.0 KM OF THE ORDER LIMITS FROM 2014-2025

Species	Latest Year	Total Records
Barn Owl	2022	8
Blackbird	2022	3
Black-headed Gull	2022	1
Blue Tit	2022	2
Bullfinch	2023	2
Buzzard	2021	4
Carrion Crow	2019	3
Coal Tit	2023	1
Cuckoo	2023	5
Dunnock	2023	3
Feral Pigeon/Rock Dove	2022	1
Fieldfare	2023	2
Goldcrest	2021	3
Goldfinch	2021	1
Great Spotted Woodpecker	2021	2
Great Tit	2022	2
Greenfinch	2023	2
Grey Partridge	2023	1
Grey Wagtail	2022	2
Greylag Goose	2021	2
Herring Gull	2022	1
House Sparrow	2023	4
Jackdaw	2016	1
Jay	2021	3
Kestrel	2021	3
Lapwing	2022	2
Lesser Black-backed Gull	2021	1
Lesser Redpoll	2021	1
Linnet	2023	2

Species	Latest Year	Total Records
Little Owl	2023	4
Magpie	2022	3
Mallard	2022	3
Marsh Tit	2022	2
Meadow Pipit	2023	2
Mistle Thrush	2021	2
Moorhen	2023	1
Nuthatch	2021	2
Oystercatcher	2021	1
Pink-footed Goose	2021	1
Red Kite	2022	4
Redwing	2022	1
Reed Bunting	2022	2
Robin	2022	5
Rook	2022	1
Shelduck	2021	1
Siskin	2021	1
Skylark	2023	3
Snipe	2022	1
Song Thrush	2022	4
Sparrowhawk	2022	1
Spotted Flycatcher	2021	1
Starling	2023	2
Stock Dove	2022	1
Swallow	2019	1
Swift	2019	3
Tawny Owl	2021	1
Tree Sparrow	2017	1
Treecreeper	2021	2
Whitethroat	2023	1
Whooper Swan	2021	1
Willow Tit	2023	2

Species	Latest Year	Total Records
Willow Warbler	2022	7
Woodcock	2022	7
Woodlark	2022	1
Woodpigeon	2023	4
Wren	2023	5
Yellow Wagtail	2022	1
Yellowhammer	2023	2

ANNEX 7: SOLAR DEVELOPMENT SITE SURVEY METADATA- WALK OVER

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
Dec	03/12/2024	1	08:03/15:45	12:00	15:00	0	SE	0	7	2	2	1	0
Dec	03/12/2024	7	08:03/15:45	11:50	14:50	1	W	0	7	2	2	0	0
Dec	04/12/2024	3	08:04/15:44	12:45	15:45	3	SSE	0	7	1	1	0	0
Dec	04/12/2024	8	08:04/15:44	12:30	15:40	2	S	0	7	2	2	0	0
Dec	05/12/2024	4	08:06/15:43	12:15	15:15	3	SSW	0 to 1	8	1	2	0	0
Dec	05/12/2024	6	08:06/15:43	08:45	11:45	0	E	0	3	2	2	0	0
Dec	05/12/2024	9	08:06/15:43	12:00	15:00	3	SW	0	7	2	2	0	0
Dec	05/12/2024	10	08:06/15:43	12:00	15:00	4 to 7	S	0	7	1	2	0	0
Dec	06/12/2024	5	08:07/15:43	11:45	14:45	0	E	0	6	2	2	0	0
Dec	06/12/2024	11	08:07/15:43	12:40	15:46	3	NW	0	3	2	2	0	0
Dec	07/12/2024	12	08:08/15:43	11:40	14:23		NNW		8	1	2	0	0
Dec	08/12/2024	2	08:09/15:42	07:45	10:45	7	N	2	8	2	2	0	0
Jan	07/01/2025	1	08:20/16:01	09:00	12:00	2	SW	0	5	2	2	2	0
Jan	08/01/2025	2	08:20/16:02	09:00	12:00	2	SW	0	5	2	2	2	0
Jan	08/01/2025	3	08:20/16:02	09:00	12:00	1	SW	0	5	2	2	2	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
Jan	08/01/2025	5	08:20/16:02	09:00	12:00	2	W	0	2	2	2	2	0
Jan	09/01/2025	4	08:19/16:03	11:30	14:30	4	WNW	0	2	2	2	2	0
Jan	09/01/2025	6	08:19/16:03	09:00	12:10	2	WNW	0	0	n/a	2	2	0
Jan	09/01/2025	7	08:19/16:03	09:03	12:25	4 to 7	SE	0	0	n/a	2	2	0
Jan	09/01/2025	8	08:19/16:03	09:00	12:00	3	WNW	0	0	n/a	2	1	0
Jan	10/01/2025	9	08:18/16:05	09:05	11:37	2	NW	0	0	n/a	2	2	0
Jan	10/01/2025	10	08:18/16:05	08:00	11:00	2	WNW	0	0	n/a	2	0	0
Jan	10/01/2025	12	08:18/16:05	09:10	12:10	0	N	0	1	2	2	2	0
Jan	11/01/2025	11	08:17/16:07	09:30	12:39	1	E	0	0	2	2	2	0
Feb	02/02/2025	2	07:48/16:47	07:30	10:30	1	S	0	4	2	2	0	0
Feb	02/02/2025	3	07:48/16:47	07:30	10:30	1	S	0	4	2	2	0	0
Feb	02/02/2025	6	07:48/16:47	07:30	10:30	3	S	0	8 to 2	2	2	0	0
Feb	02/02/2025	7	07:48/16:47	07:30	10:30	3	S	0	8 to 2	2	2	0	0
Feb	03/02/2025	4	07:47/16:49	07:30	10:30	3	S	0	5	2	2	0	0
Feb	04/02/2025	1	07:45/16:51	07:30	10:30	3	E	0	1	2	2	0	0
Feb	04/02/2025	5	07:45/16:51	07:30	10:30	4	S	0	4	2	2	0	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
Feb	04/02/2025	8	07:45/16:51	07:30	10:30	4	S	0	2	2	2	0	0
Feb	04/02/2025	11	07:45/16:51	07:30	10:30	4	S	0	2	2	2	0	0
Feb	04/02/2025	12	07:45/16:51	07:30	10:30	4	S	0	3	2	2	0	0
Feb	05/02/2025	10	07:43/16:53	07:25	10:30	4 to 7	SW	0	2	2	2	0	0
Feb	06/02/2025	9	07:41/16:55	07:40	10:40	1	SE	0	0	2	2	2	0
March	04/03/2025	9	06:47/17:45	15:00	18:00	2	W	0	0	n/a	2	0	0
March	06/03/2025	2	06:40/17:51	15:15	18:15	4	S	0	2	2	2	0	0
March	06/03/2025	7	06:40/17:51	15:20	18:20	3	S	0	4	2	2	0	0
March	06/03/2025	8	06:40/17:51	15:20	18:20	3	S	0	4	2	2	0	0
March	06/03/2025	11	06:40/17:51	15:29	18:29	4	S	0	1	2	2	0	0
March	07/03/2025	6	06:38/17:53	15:15	18:15	2	S	0	7	2	2	0	0
March	07/03/2025	10	06:38/17:53	12:45	15:45	2	SSE	0	5	2	2	0	0
March	08/03/2025	12	06:35/17:55	15:30	18:30	3	SE	0	3	2	2	0	0
March	09/03/2025	1	06:33/17:57	15:00	18:00	1	W	0	2	2	2	0	0
March	09/03/2025	3	06:33/17:57	15:15	18:15	1	W	0	4	2	2	0	0
March	10/03/2025	4	06:30/17:59	15:15	18:15	3	W	0	8	2	2	0	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
March	11/03/2025	5	06:28/18:01	08:00	11:00	3	W	0	5	2	2	0	0
April	12/04/2025	1	06:10/20:00	05:55	08:55	1	SE	0	0	N/A	2	0	0
April	12/04/2025	2	06:10/20:00	09:15	12:15	3	SSE	0	0	N/A	2	0	0
April	12/04/2025	3	06:10/20:00	05:45	08:45	1	SE	0	0	N/A	2	0	0
April	12/04/2025	4	06:10/20:00	09:15	12:15	3	SSE	0	0	N/A	2	0	0
April	12/04/2025	5	06:10/20:00	05:45	08:45	1	SE	0	0	N/A	2	0	0
April	12/04/2025	6	06:10/20:00	09:20	12:20	3	SE	0	0	N/A	2	0	0
April	13/04/2025	7	06:07/20:02	05:50	08:50	3	W	0	2	2	2	0	0
April	13/04/2025	8	06:07/20:02	08:50	11:50	3	W	0	6	2	2	0	0
April	13/04/2025	9	06:07/20:02	05:45	08:45	2	W	0	1	2	2	0	0
April	13/04/2025	10	06:07/20:02	09:00	12:00	3	W	0	6	2	2	0	0
April	13/04/2025	11	06:07/20:02	05:44	08:44	3	W	0	3	2	2	0	0
April	13/04/2025	12	06:07/20:02	08:40	11:40	4	W	0	7	2	2	0	0
April	22/04/2025	1	05:47/20:19	08:45	11:45	0	N/A	0	7	2	2	0	0
April	22/04/2025	2	05:47/20:19	05:20	08:20	0	N/A	0	6	2	2	0	0
April	22/04/2025	4	05:47/20:19	05:15	08:15	1	N	0	2	2	2	0	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
April	22/04/2025	5	05:47/20:19	11:45	14:45	2	WSW	0	5	2	2	0	0
April	22/04/2025	6	05:47/20:19	11:45	14:45	2	WSW	0	5	2	2	0	0
April	23/04/2025	7	05:44/20:21	09:00	12:00	3	NE	0	3	2	2	0	0
April	23/04/2025	8	05:44/20:21	09:00	12:00	3	NE	0	3	2	2	0	0
April	24/04/2025	9	05:42/20:23	09:00	12:00	0	N/A	0	4	2	2	0	0
April	24/04/2025	10	05:42/20:23	08:45	11:45	0	N/A	0	6	2	2	0	0
April	24/04/2025	11	05:42/20:23	05:15	08:15	0	N/A	0	8	2	2	0	0
April	24/04/2025	12	05:42/20:23	05:15	08:15	0	N/A	0	8	2	2	0	0
April	25/04/2025	3	05:40/20:25	09:00	12:00	0	N/A	0	7	2	2	0	0
May	04/05/2025	1	05:21/20:41	12:30	15:30	4	N	2	7	2	2	0	0
May	04/05/2025	2	05:21/20:41	16:30	19:30								
May	05/05/2025	3	05:19/20:43	12:00	15:00	3	NE	0	8	2	2	0	0
May	05/05/2025	4	05:19/20:43	15:30	18:30	3	NE	0	6	2	2	0	0
May	05/05/2025	9	05:19/20:43	11:50	14:50	3	NE	0	6	2	2	0	0
May	05/05/2025	10	05:19/20:43	15:00	18:00	3	NE	0	2	2	2	0	0
May	05/05/2025	11	05:19/20:43	15:05	18:05	3	NE	0	7	2	2	0	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
May	05/05/2025	12	05:19/20:43	12:00	15:00	3	NE	0	8	2	2	0	0
May	06/05/2025	5	05:17/20:45	12:00	15:00	1	W	0	3	2	2	0	0
May	06/05/2025	6	05:17/20:45	15:00	18:00	1	N	0	1	2	2	0	0
May	06/05/2025	7	05:17/20:45	11:55	14:55	1	NNE	0	3	2	2	0	0
May	06/05/2025	8	05:17/20:45	14:55	17:55	1	NNE	0	2	2	2	0	0
May	16/05/2025	5	04:59/21:02	09:00	12:00	5	N	0	4	2	2	0	0
May	16/05/2025	6	04:59/21:02	05:00	08:00	4	NNE	0	2	2	2	0	0
May	16/05/2025	7	04:59/21:02	09:00	12:00	4	N	0	5	2	2	0	0
May	16/05/2025	8	04:59/21:02	05:00	08:00	4	NNE	0	3	2	2	0	0
May	16/05/2025	9	04:59/21:02	16:00	19:00	3	SE	0	2	2	2	0	0
May	16/05/2025	10	04:59/21:02	12:45	15:45	2	SE	0	2	2	2	0	0
May	16/05/2025	11	04:59/21:02	12:30	15:30	3	S	0	1	2	2	0	0
May	16/05/2025	12	04:59/21:02	16:00	19:00	3	S	0	1	2	2	0	0
May	17/05/2025	1	04:58/21:04	16:30	19:30	3	N	0	0	N/A	2	0	0
May	17/05/2025	2	04:58/21:04	16:30	19:30	3	N	0	0	N/A	2	0	0
May	18/05/2025	3	04:56/21:05	12:30	15:30	3	NNE	0	8	2	2	0	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
May	18/05/2025	4	04:56/21:05	12:30	15:30	3	NE	0	3	2	2	0	0
Aug	17/08/2025	3	05:46/20:29	09:30	12:30	2	NE	0	8	2	2	0	0
Aug	17/08/2025	4	05:46/20:29	13:30	16:30	2	NE	0	8	2	2	0	0
Aug	17/08/2025	5	05:46/20:29	17:45	20:45	3 to 4	E	0	1	2	2	0	0
Aug	17/08/2025	6	05:46/20:29	13:30	16:30	4	ENE	0	7	2	2	0	0
Aug	17/08/2025	7	05:46/20:29	17:45	20:45	4	ENE	0	2	2	2	0	0
Aug	17/08/2025	8	05:46/20:29	13:30	16:30	4	ENE	0	8	2	2	0	0
Aug	17/08/2025	9	05:46/20:29	13:30	16:30	0	N/A	0	0	N/A	2	0	0
Aug	17/08/2025	10	05:46/20:29	18:00	21:00	0	N/A	0	0	N/A	2	0	0
Aug	18/08/2025	1	05:47/20:27	09:00	12:30	0	N/A	1	2	2	2	0	0
Aug	18/08/2025	2	05:47/20:27	13:30	16:30	1	S	2	3	2	2	0	0
Aug	18/08/2025	11	05:47/20:27	09:10	12:10	2	ENE	1	8	2	2	0	0
Aug	18/08/2025	12	05:47/20:27	13:30	16:30	2	NE	0	8	2	2	0	0
Aug	28/08/2025	1	06:05/20:03	05:30	08:30	3	SW	0	3	2	2	0	0
Aug	28/08/2025	2	06:05/20:03	08:45	11:45	2	S	0	4	2	2	0	0
Aug	28/08/2025	3	06:05/20:03	05:30	08:30	1	3	0	3	2	2	0	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
Aug	28/08/2025	4	06:05/20:03	09:00	12:00	3	S	0	4	2	2	0	0
Aug	28/08/2025	5	06:05/20:03	13:30	16:30	6	SSW	0	4	2	2	0	0
Aug	29/08/2025	6	06:07/20:01	09:00	12:00	3	S	1	7	2	2	0	0
Aug	29/08/2025	7	06:07/20:01	13:30	16:30	3	S	0	6	2	2	0	0
Aug	29/08/2025	8	06:07/20:01	09:00	12:00	2	S	0	2	2	2	0	0
Aug	30/08/2025	9	06:09/19:59	13:30	16:30	2	E	0	5	2	2	0	0
Aug	30/08/2025	10	06:09/19:59	17:30	20:30	2	E	1	5	2	2	0	0
Aug	30/08/2025	11	06:09/19:59	13:30	16:30	4	SSW	1	5	2	2	0	0
Aug	30/08/2025	12	06:09/19:59	17:30	20:30	5	SSW	2	5	2	2	0	0
Sept	09/09/2025	1	06:27/19:34	13:15	16:15	3	SSE	0	4	2	2	0	0
Sept	09/09/2025	2	06:27/19:34	17:00	20:00	2	W	0	4	2	2	0	0
Sept	09/09/2025	3	06:27/19:34	13:30	16:15	3	SSE	0	4	2	2	0	0
Sept	09/09/2025	4	06:27/19:34	17:00	20:00	2	W	0	4	2	2	0	0
Sept	09/09/2025	11	06:27/19:34	13:15	16:15	3	SSE	0	3	2	2	0	0
Sept	09/09/2025	12	06:27/19:34	17:00	20:00	2 to 3	SSE	0	4	2	2	0	0
Sept	10/09/2025	5	06:28/19:32	09:45	13:00	3 to 4	SSE	0	7	2	2	0	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
Sept	10/09/2025	6	06:28/19:32	13:25	16:25	6	S	1	7	2	2	0	0
Sept	10/09/2025	8	06:28/19:32	13:15	16:15	7	S	2	7	2	2	0	0
Sept	10/09/2025	9	06:28/19:32	06:00	09:00	2	W	2	7	2	2	0	0
Sept	10/09/2025	10	06:28/19:32	09:30	12:30	3 to 4	SSE	3	8	2	2	0	0
Sept	12/09/2025	7	06:32/19:27	13:40	16:40	3	WSW	0	2	2	2	0	0
Sept	20/09/2025	11	06:46/19:07	07:10	10:10	1	N	2 to 3	8	1	1	0	0
Sept	24/09/2025	12	06:53/18:57	06:30	09:30	3	N	8	8 to 1	2	2	0	0
Sept	13/09/2024	1	06:30	05:40	08:40	0	WSW	0	3	1	2	1	0
Sept	13/09/2024	2	06:44	05:40	08:35	0	E	0	2	2	2	0	0
Nov	13/11/2024	1	07:30/16:06	12:00	15:10	0	NNE	0	2	2	2	0	0
Nov	13/11/2024	2	07:28/16:06	11:50	14:45	1	WNW	0	3	2	2	0	0
Nov	13/11/2024	11	07:28/16:08	11:57	15:00	2	WNW	0	3	2	2	0	0
Sept	14/09/2024	3	06:35	05:45	08:40	2	SW	0	2	2	2	0	0
Sept	14/09/2024	6	06:38	05:25	08:25	3	SSW	1	6	2	2	0	0
Nov	14/11/2024	3	07:30/16:05	08:00	12:00	0	NE	0	7	2	2	0	0
Nov	14/11/2024	4	07:30/16:05	12:30	15:15	0	NNE	0	7	2	2	0	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
Nov	14/11/2024	12	07:31/16:07	11:51	14:54	2	NNW	0	5	2	2	0	0
Sept	15/09/2024	9	06:39	05:30	08:32	2	S	0	7	2	2	0	0
Nov	15/11/2024	5	07:30/16:05	11:30	14:00	1	NE	0	5	2	2	0	0
Nov	15/11/2024	10	07:33/16:06	12:30	15:25	3	SW	0	5	2	2	0	0
Sept	16/09/2024	10	06:41	05:36	08:26	1	NW	0	1	2	1	0	0
Oct	16/10/2024	1	07:34/18:04	16:15	18:45	1	SSE	1	8	1	1	0	0
Oct	16/10/2024	2	07:34/18:04	16:15	18:45	1	SSE	1	8	1	1	0	0
Oct	16/10/2024	3	07:34/18:04	16:15	18:45	1	SSE	1	8	1	1	0	0
Oct	16/10/2024	5	07:35/18:04	16:00	19:00	2	SSE	1	8	0	1	0	0
Oct	16/10/2024	6	07:35/18:04	16:00	18:50	2	SE	1	8	0	1	0	0
Nov	16/11/2024	8	07:34/16:04	12:03	14:47	3	WNW	0	5	2	2	0	0
Sept	17/09/2024	7	06:43	05:45	08:45	1	NNW	0	8	0	0	0	0
Nov	17/11/2024	6	07:37/16:03	12:03	14:52	3	W	0	7	2	2	0	0
Nov	17/11/2024	7	07:38/16:03	12:00	14:45	3	WNW	0	8	2	2	0	0
Nov	17/11/2024	9	07:37/16:03	11:45	13:45	1	E	0	6 to 8	2	2	0	0
Sept	18/09/2024	4	06:45	05:45	08:45	2	ENE	0	7	1	2	0	0

Month	Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
Sept	18/09/2024	8	06:45	05:45	08:45	1	NNW	0	8	0	1	0	0
Oct	18/10/2024	4	07:38/18:00	16:00	18:45	4	S	0	5	2	2	0	0
Oct	18/10/2024	7	07:38/18:00	15:45	18:45	4	S	0	4	2	2	0	0
Oct	18/10/2024	11	07:39/18:00	12:15	15:15	4	S	0	4	2	2	0	0
Oct	19/10/2024	8	07:41/17:57	16:00	18:35	0	N/A	0	1	2	2	0	0
Oct	19/10/2024	12	07:41/17:57	12:45	15:45	2	W	0	7	2	2	0	0
Oct	20/10/2024	10	07:42/17:54	16:00	18:30	1	SE	0	6	2	2	0	0
Oct	21/10/2024	9	07:44/17:52	16:00	18:30	0	SE	0	2	2	2	0	0

ANNEX 8: VP SURVEY EFFORT: SOLAR DEVELOPMENT SITES

Date	VP	Start Time	Finish Time	VP Hours	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
11/09/2024	4	12:30	15:30	3	0	SSE	0	0	N/A	Good	0	0
03/12/2024	1	08:45	11:45	3	0	SE	0	7	High	Good	1	0
03/12/2024	14	11:53	15:00	3	1	SW to S	0	7 to 4	High	Good	0	0
04/12/2024	4	08:30	11:30	3	0	E	0	8	High	Good	2	0
04/12/2024	11	08:45	11:45	3	2 to 1	E	0	1 to 2	High	Good	0	0
04/12/2024	16	12:30	15:30	3	2 to 3	S to SSE	0	7 to 8	High	Good	0	0
05/12/2024	7	08:45	11:45	3	3	W to WSW	0	2 to 6	High	Good	0	0
05/12/2024	8	12:15	15:15	3	0	E	0 to 2	6 to 8	High	Good	0	0
05/12/2024	20	12:25	15:22	3	3	S	0	8	High	Good	0	0
05/12/2024	21	12:10	15:10	3	2	SSW	0 to 1	8	High	Good	0	0
06/12/2024	6	08:45	11:45	3	1 to 2	E	0	1	High	Good	0	0
06/12/2024	9	08:20	11:20	3	4 to 2	WNW to W	0	1 to 4	High	Good	0	0
06/12/2024	10	11:45	14:45	3	3	W to SW	0	6 to 8	High	Good	0	0
06/12/2024	12	12:15	15:15	3	1 to 2	N	0	2 to 5	High	Good	0	0
06/12/2024	15	11:59	14:58	3	7	WSW to SSW	0	3 to 7	High	Good	0	0
06/12/2024	17	07:48	10:55	3	3	WNW	0	1	High	Good	0	0
06/12/2024	19	07:50	10:50	3	3	WNW	0	1	High	Good	0	0
06/12/2024	22	07:45	10:45	3	3 to 2	W	0	1	High	Good	0	0
06/12/2024	23	12:45	15:45	3	2	WSW to S	0	3 to 7	High	Good	0	0
07/12/2024	24	11:44	14:45	3	8	NNW	0	8 to 7	High	Good	0	0
08/12/2024	2	11:45	14:45	3	9	N	1 to 2	8	High	Good	0	0
08/12/2024	3	07:45	10:45	3	9 to 10	N	1 to 3	8	High	Mod to good	0	0
08/12/2024	5	11:45	14:45	3	9	N	2 to 3	8	High	Good	0	0
08/12/2024	13	12:00	15:00	3	7 to 6	S	3 to 0	8	High	Good	0	0
08/12/2024	18	12:00	15:00	3	7	E	3 to 2	8	Low to High	Good	0	0
07/01/2025	1	12:20	15:20	3	0	N	0	8	High	Good	2	0
07/01/2025	2	08:00	11:00	3	2	WSW	0	7	High	Good	1	0
07/01/2025	9	12:30	15:30	3	3	W	0	6 to 4	High	Good	0	1

Date	VP	Start Time	Finish Time	VP Hours	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
07/01/2025	11	12:30	15:30	3	3 to 2	W	0	5 to 6	High	Good	0	0
08/01/2025	3	08:00	11:00	3	0	N	0	8	High	Good	2	0
08/01/2025	4	11:30	14:30	3	0	N	0	7	High	Good	2	0
08/01/2025	5	12:00	15:00	3	2	SW	0	5	High	Good	2	0
08/01/2025	7	12:30	15:30	3	1	SW	0	5	High	Good	2	0
08/01/2025	10	08:00	11:00	3	2 to 1	W to WSW	0	3 to 6	High	Good	2	0
08/01/2025	19	12:30	15:30	3	1 to 3	SSE to SE	0	5 to 8	Medium	Good	2	0
09/01/2025	6	09:15	12:15	3	0	N	0	0	High	Good	2	0
09/01/2025	8	08:00	11:00	3	3	WNW	0	2	High	Good	2	0
09/01/2025	13	12:30	15:30	3	3	WNW	0	0 to 1	High	Good	2	0
09/01/2025	15	12:35	15:35	3	4	WNW	0	0	n/a	Good	1	0
09/01/2025	16	12:30	15:30	3	3	WNW	0	0	n/a	Good	1	0
10/01/2025	12	08:00	11:00	3	2	NW	0	0 to 1	High	Good	2	0
10/01/2025	14	08:00	11:00	3	2	NW	0	0	n/a	Good	1	0
10/01/2025	22	12:45	15:45	3	0	N	0	0	High	Good	2	0
10/01/2025	23	08:00	11:00	3	2	NNW	0	3	High	Good	2	0
10/01/2025	24	09:00	12:00	3	1	NW	0	2	High	Good	2	0
11/01/2025	17	08:40	11:40	3	1	WNW to NW	0	0	n/a	Good	2	0
11/01/2025	18	08:00	11:00	3	2 to 1	W to WNW	0	0	n/a	Good	2	0
11/01/2025	20	09:30	12:30	3	0	N	0	1	High	Good	2	0
11/01/2025	21	09:00	12:00	3	2 to 1	W to WNW	0	1 to 0	High	Good	2	0
01/02/2025	3	14:20	17:20	3	4	SSE	0	8	High	Good	0	0
01/02/2025	4	12:30	15:30	3	4	SSE	0	8	High	Good	0	0
02/02/2025	2	12:30	15:30	3	3	S	0	5	High	Good	0	0
02/02/2025	6	12:30	15:30	3	2	S	0	5	High	Good	0	0
02/02/2025	12	12:35	15:35	3	3	S	0	2	High	Good	0	0
02/02/2025	13	12:30	15:30	3	3	S to SSW	0	3 to 1	High	Good	0	0
03/02/2025	8	12:30	15:30	3	3	SSW	0	5	High	Good	0	0
03/02/2025	9	12:30	15:30	3	3	SSW	0	4 to 3	High	Good	0	0
03/02/2025	11	12:30	15:30	3	3	SSW	0	4 to 3	High	Good	0	0

Date	VP	Start Time	Finish Time	VP Hours	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
03/02/2025	14	12:30	15:30	3	0	E	0	2	High	Good	0	0
04/02/2025	1	14:10	17:10	3	3	NE	2	8	High	Good	0	0
04/02/2025	10	14:15	17:15	3	4	SSW	1 to 0	8 to 7	High	Good	0	0
04/02/2025	15	14:15	17:15	3	4	SSW	0	8 to 7	High	Good	0	0
04/02/2025	23	12:15	15:15	3	3	SSW	0	5	High	Good	0	0
04/02/2025	24	12:30	15:30	3	4	S	0	4	High	Good	0	0
05/02/2025	5	14:15	17:15	3	1	E	0	3	High	Good	0	0
05/02/2025	7	14:00	17:00	3	0	NE	0	1	High	Good	0	0
05/02/2025	16	12:30	15:30	3	3	W	0	6 to 8	High	Good	0	0
05/02/2025	18	08:45	11:45	3	4	W	0	2	High	Good	0	0
05/02/2025	20	08:45	11:45	3	1	W	0	3	High	Good	0	0
05/02/2025	21	12:30	15:30	3	2 to 3	W	0	8 to 6	High	Good	0	0
05/02/2025	22	14:15	17:15	3	3	W	0	4	High	Good	0	0
06/02/2025	17	13:53	16:53	3	0	E	0	1	High	Good	0	0
07/02/2025	19	14:15	17:15	3	6	SE	1	8	High	Good	0	0
04/03/2025	14	08:00	11:00	3	1 to 2	W	0	0	n/a	Good	0	0
05/03/2025	1	06:15	09:15	3	1	SSE	0	2	High	Good	0	0
05/03/2025	3	06:15	09:15	3	1	SSE	0	1	High	Good	0	0
05/03/2025	11	15:00	18:00	3	3 to 2	SW to SSW	0	1	High	Good	0	0
05/03/2025	13	15:00	18:00	3	3	SW	0	1	High	Good	0	0
06/03/2025	2	15:15	18:15	3	2	S	0	4	High	Good	0	0
06/03/2025	12	06:30	09:30	3	3 to 4	SE to S	0	0	n/a	Good	0	0
06/03/2025	15	06:15	09:15	3	3	SSE	0	0	n/a	Good	0	0
06/03/2025	19	06:20	09:20	3	3	SSE	0	0	n/a	Good	0	0
06/03/2025	22	07:53	10:55	3	2	SSE to S	0	0	n/a	Good	0	0
07/03/2025	9	15:20	18:20	3	1	SSE	0	7	High	Good	0	0
07/03/2025	16	06:50	09:51	3	2	SSE	1 to 0	8 to 7	High	Good	0	0
07/03/2025	17	06:45	09:45	3	3	S	2 to 0	8	High	Good	0	0
07/03/2025	18	15:20	18:20	3	3 to 2	S to SSE	0	5 to 3	High	Good	0	0
07/03/2025	20	15:20	18:20	3	3 to 2	SSE	0	4 to 3	High	Good	0	0

Date	VP	Start Time	Finish Time	VP Hours	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
07/03/2025	21	06:45	09:45	3	3	S	1 to 0	8	High	Good	0	0
08/03/2025	4	15:20	18:20	3	1	E	0	1	High	Good	0	0
08/03/2025	5	06:15	09:15	3	1	W	0	1	High	Good	0	0
08/03/2025	6	15:15	18:15	3	1	E	0	1	High	Good	0	0
08/03/2025	7	06:15	09:15	3	1	W	0	1	High	Good	0	0
08/03/2025	23	06:20	09:20	3	2	ESE	0	1	High	Good	0	0
08/03/2025	24	06:20	09:20	3	2	ESE	0	1	High	Good	0	0
10/03/2025	10	06:15	09:15	3	0	-	0	8	High	Good	0	0
11/03/2025	8	06:15	09:15	3	1	S	0	4	High	Good	0	0
21/04/2025	7	16:40	19:40	3	2	N	3	8	2	2	0	0
21/04/2025	23	16:30	19:30	3	1	E	2	8	2	2	0	0
22/04/2025	24	16:45	19:45	3	3	N	1	7	2	2	0	0
23/04/2025	17	16:30	19:30	3	4	ENE	0	3	2	2	0	0
23/04/2025	20	16:30	19:30	3	4	NE	0	2	2	2	0	0
24/04/2025	1	05:15	08:15	3	2 to 1	NNE	0	7 to 4	2	2	0	0
24/04/2025	2	08:50	11:50	3	2 to 3	NE to NNE	0	4 to 6	2	2	0	0
24/04/2025	3	05:15	08:15	3	0 to 2	NNE	0	8 to 6	2	2	0	0
24/04/2025	4	09;00	12:00	3	2 to 3	NE to NNE	0	5 to 4	2	2	0	0
25/04/2025	6	16:45	19:45	3	1	W	0	7	2	2	0	0
25/04/2025	10	09:10	12:10	3	4	SE	0	7	2	2	0	0
25/04/2025	11	09:00	12:00	3	4	SE	0	7	2	2	0	0
25/04/2025	12	05:00	08:00	3	0 to 1	ESE	0	6 to 7	2	2	0	0
25/04/2025	14	12:30	15:30	3	2	SE	0	8 to 6	2	2	0	0
25/04/2025	16	12:30	15:30	3	2	SE	0	8 to 6	2	2	0	0
25/04/2025	21	09:05	12:10	3	1 to 3	E	0	7	1 to 2	2	0	0
26/04/2025	5	12:30	15:30	3	0	E	0	8	2	2	0	0
26/04/2025	8	12:45	15:15	3	1	N	0	6	2	2	0	0
26/04/2025	9	05:40	09:07:00	3	0 to 2	SW	0	4 to 8	2	2	0	0
26/04/2025	13	08:55	11:55	3	2	SSE	0	7 to 8	2	2	0	0
26/04/2025	15	09:00	12:00	3	2	SSE	0	7 to 8	2	2	0	0

Date	VP	Start Time	Finish Time	VP Hours	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
26/04/2025	22	16:30	19:30	3	2 to 1	SSW	0	8	2	2	0	0
27/04/2025	18	08:50	11:50	3	2	SSW	0	1 to 3	2	2	0	0
27/04/2025	19	08:50	11:50	3	2	SW to SSW	0	4 to 1	2	2	0	0
12/05/2025	3	12:30	15:30	3	2 to 1	E	0	2 to 1	2	2	0	0
12/05/2025	4	16:30	19:30	3	2 to 1	E	0	0 to 1	2	2	0	0
13/05/2025	17	12:30	15:30	3	4	ENE to E	0	0 to 1	2	2	0	0
13/05/2025	20	09:00	12:00	3	4 to 3	ENE to NE	0	0 to 1	2	2	0	0
13/05/2025	23	09:00	12:00	3	3	ENE	0	1	2	2	0	0
13/05/2025	24	12:30	15:30	3	3	ENE to NE	0	1 to 2	2	2	0	0
14/05/2025	1	12:40	15:40	3	0	N/A	0	5 to 0	2	2	0	0
14/05/2025	2	16:30	19:30	3	0	N/A	0	0	N/A	2	0	0
14/05/2025	5	05:00	08:00	3	1	S	0	8 to 6	1 to 2	2	0	0
14/05/2025	6	09:00	12:00	3	3	S	0	7	2	2	0	0
15/05/2025	7	08:30	11:30	3	1	S	0	7	2	2	0	0
15/05/2025	8	05:00	08:00	3	1	S	0	8 to 7	2	2	0	0
15/05/2025	9	09:00	12:00	3	2	SE	0	8	2	2	0	0
15/05/2025	10	12:30	15:30	3	3	SE	0	8	2	2	0	0
15/05/2025	11	12:20	15:20	3	5 to 4	NNE	0	8	2	2	0	0
15/05/2025	12	09:00	12:00	3	6 to 5	N	0	7 to 6	2	2	0	0
15/05/2025	13	12:30	15:30	3	5 to 4	N to ENE	0	6 to 8	2	2	0	0
15/05/2025	14	09:00	12:00	3	5 to 6	N	0	6 to 8	2	2	0	0
16/05/2025	15	12:30	15:30	3	5	N	0	2 to 3	2	2	0	0
16/05/2025	16	09:00	12:00	3	3	NNW to N	0	1 to 2	2	2	0	0
16/05/2025	18	09:00	12:00	3	3	N	0	1 to 2	2	2	0	0
16/05/2025	19	12:30	15:30	3	5 to 4	N to NNE	0	4 to 3	2	2	0	0
16/05/2025	21	09:15	12:15	3	2 to 1	SE	0	2 to 1	2	2	0	0
16/05/2025	22	09:00	12:00	3	2	S	0	3 to 0	2	2	0	0
18/08/2025	9	09:15	12:15:00	3	3	ENE	1 to 0	8	2	2	0	0
18/08/2025	10	13:20	16:20	3	3	ENE	0	8	2	2	0	0
18/08/2025	11	09:15	12:15	3	3	ENE	1 to 0	8	2	2	0	0

Date	VP	Start Time	Finish Time	VP Hours	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
18/08/2025	12	13:15	16:15	3	3	ENE	0	8	2	2	0	0
18/08/2025	23	09:00	12:00	3	1 to 2	NE	0 to 1	8	2	2	0	0
19/08/2025	2	17:45	20:45	3	4 to 2	NE	0	8	2	2	0	0
19/08/2025	5	05:15	08:15	3	1 to 2	S	2 to 3	8	2	2	0	0
19/08/2025	6	09:00	12:00	3	2 to 1	S	2 to 1	7	2	2	0	0
19/08/2025	8	17:50	20:50	3	4 to 3	NNE	0	8	2	2	0	0
19/08/2025	14	17:45	20:45	3	3	NE	0	8	2	2	0	0
19/08/2025	16	17:45	20:45	3	3	NE	0	8	2	2	0	0
20/08/2025	13	13:30	16:30	3	2 to 4	S	0 to 1	1 to 6	2	2	0	0
20/08/2025	15	09:15	12:15	3	3	NNE	0	7	2	2	0	0
20/08/2025	17	09:30	12:30	3	3 to 4	NNE	0	7 to 8	2	2	0	0
20/08/2025	22	05:20	08:20	3	4 to 3	N to NNE	1 to 0	8	2	2	0	0
20/08/2025	24	05:15	08:15	3	1	NNE	1 to 0	8	2	2	0	0
21/08/2025	1	09:40	12:40	3	3	N	0	5 to 7	2	2	0	0
21/08/2025	3	09:40	12:40	3	3	N	0	7 to 8	2	2	0	0
21/08/2025	4	13:00	16:00	3	3	N	0	7	2	2	0	0
21/08/2025	7	13:00	16:00	3	3	N	0	7	2	2	0	0
22/08/2025	18	13:15	16:15	3	3	W to NW	0 to 1	8 to 5	2	2	0	0
22/08/2025	19	13:15	16:15	3	3	W to NW	0	8 to 6	2	2	0	0
22/08/2025	20	05:15	08:15	3	1	SW	0	8 to 7	2	2	0	0
22/08/2025	21	13:30	16:30	3	2 to 3	SW	0 to 2	8 to 5	2	2	0	0
15/09/2025	23	13:15	16:15	3	7 to 8	W to WSW	2 to 3	8	2	2 to 1	0	0
15/09/2025	24	17:00	20:00	3	7 to 8	W to WSW	2 to 3	8	2	2	0	0
20/09/2025	22	10:20	13:20	3	1 to 3	N	1	8	1	1	0	0
13/09/2024	9	17:20	20:20:00	3	2	W	0	2 to 4	High	Good	0	0
13/09/2024	10	12:30	15:30	3	3	W	0	1 to 2	High	Good	0	0
13/09/2024	11	17:20	20:20	3	1 to 2	W	0	4 to 6	Medium	Good	0	0
13/09/2024	12	12:30	15:30	3	2 to 3	WNW	0	2	Medium	Good	0	0
13/11/2024	1	08:15	11:15	3	0	NNE	0	2	High	Good	1	0
13/11/2024	24	11:45	14:50	3	2	WNW	0	1	High	Good	0	0

Date	VP	Start Time	Finish Time	VP Hours	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
14/09/2024	6	13:15	16:15	3	3	SW	0	5	High	Good	0	0
14/09/2024	13	12:30	15:30	3	3	SW	0	2 to 3	High	Good	0	0
14/09/2024	14	12:30	15:30	3	3	SW	0	2 to 4	High	Good	0	0
14/11/2024	5	11:30	14:30	3	1	NNW	0	7	High	Good	0	0
14/11/2024	8	08:00	11:00	3	1	NNW to N	0	3 to 6	High	Good	0	0
14/11/2024	10	13:00	16:00	3	1	S	0	7 to 5	High	Good	0	0
14/11/2024	23	11:50	14:55	3	2	NNW	0	7 to 6	High	Good	0	0
15/09/2024	3	17:25	20:20	3	1	WSW	0	4 to 7	High	Good	0	0
15/09/2024	7	17:20	20:20	3	3	E	1	7	High	Good	0	0
15/09/2024	16	12:40	15:40	3	2	SSW	1 to 3	8	Low	Poor - moderate	0	0
15/09/2024	18	12:30	15:30	3	2 to 3	SW	1 to 3	8	Low	Good	0	0
15/09/2024	20	12:30	15:30	3	3	SW	2 to 3	8	Low	Good	0	0
15/11/2024	3	13:00	16:00	3	1 to 3	E	0	8 to 7	High	Good	0	0
15/11/2024	6	08:00	11:00	3	1 to 3	SSW	0 to 1	1	High	Good	0	0
15/11/2024	9	12:00	15:00	3	2	SW	0	7 to 8	High	Good	0	0
15/11/2024	19	12:30	15:36	3	2	SW	0	5 to 6	High	Good	0	0
16/09/2024	1	17:15	20:15	3	1	E	0	1 to 2	High	Good	0	0
16/09/2024	5	17:30	20:30	3	1	E	0	2	High	Good	0	0
16/09/2024	21	08:27	11:27	3	1 to 2	NNW	0	1	Low	Moderate - good	0	0
16/11/2024	11	13:00	16:00	3	0	n/a	0	7 to 4	High	Good	0	0
16/11/2024	12	08:00	11:00	3	1 to 2	NE	0	5 to 7	High	Good	0	0
16/11/2024	13	12:30	15:30	3	6 to 4	NW	0	7 to 6	High	Good	0	0
16/11/2024	14	08:00	11:00	3	2 to 3	NW	0	5 to 6	High	Good	0	0
16/11/2024	15	12:00	15:00	3	3	WNW	0	5 to 8	High	Good	0	0
17/09/2024	2	12:20	15:20	3	0	n/a	0	0 to 1	High	Good	0	0
17/09/2024	15	17:15	20:15	3	1	E	0	0	N/A	Good	0	0
17/09/2024	17	17:15	20:15	3	1 to 2	E	0	0	N/A	Good	0	0
17/10/2024	1	08:00	11:00	3	0	SE	0	5 to 6	High	Good	0	0
17/10/2024	2	16:00	19:00	3	2 to 1	SE	0	6 to 4	High	Good	0	0
17/10/2024	3	06:45	09:50	3	1	SW	0	2 to 3	High	Good	0	0

Date	VP	Start Time	Finish Time	VP Hours	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
17/10/2024	4	16:00	19:00	3	0	SSW	0	6 to 4	High	Good	0	0
17/10/2024	5	06:45	09:45	3	0 to 1	SW	0	1	High	Good	0	0
17/10/2024	6	16:00	19:00	3	3 to 1	SW	0	5 to 2	High	Good	0	0
17/10/2024	9	09:00	12:00	3	2	SW	0	1 to 2	High	Good	0	0
17/10/2024	11	08:55	11:55	3	2 to 3	SW	0	1 to 2	High	Good	0	0
17/11/2024	7	08:15	11:15	3	1	E	0	3 to 2	High	Good	0	0
17/11/2024	16	08:15	11:15	3	3 to 4	W	0	4 to 6	High	Good	0	0
17/11/2024	17	12:45	15:45	3	2	E	2	7 to 8	High	Good	0	0
17/11/2024	18	08:00	11:00	3	1 to 4	W	0	2 to 6	High	Good	0	0
17/11/2024	20	08:02	11:07	3	2	W to WNW	0	2 to 3	High	Good	1	0
17/11/2024	21	08:00	11:00	3	3	W to WNW	0	2 to 3	High	Good	0	0
18/09/2024	8	12:35	15:35	3	4	ENE	0	0 to 1	High	Good	0	0
18/09/2024	19	12:30	15:30	3	2 to 3	ENE	0	1 to 3	High	Good	0	0
18/10/2024	7	08:00	11:00	3	0	SE	0	8 to 2	Med to high	Moderate - good	1	0
18/10/2024	8	16:00	19:00	3	3 to 1	S	0 to 2	4 to 7	High	Good	0	0
18/10/2024	13	08:24	11:24	3	1 to 3	S	0	2 to 3	High	Moderate-good	0	0
18/10/2024	15	08:00	11:00	3	1 to 2	S	0	2	Low to high	Poor to good	0	0
18/10/2024	23	16:00	19:00	3	4	S	0 to 2	5 to 6	High	Good	0	0
18/10/2024	24	12:15	15:15	3	4	S	0	4 to 2	High	Good	0	0
18/11/2024	2	08:00	11:00	3	0 to 5	NW	0	3 to 8	High	Good	0	0
18/11/2024	4	08:00	11:00	3	0 to 1	W	0	3 to 5	High	Moderate-good	1	0
18/11/2024	22	08:20	11:15	3	1	NW	0	3 to 2	High	Good	0	0
19/10/2024	10	15:45	18:45	3	3 to 2	W	0	2 to 1	High	Good	0	0
19/10/2024	16	16:00	19:00	3	0 to 1	SE	0	1	High	Good	0	0
19/10/2024	17	09:00	12:10	3	2 to 3	W to WNW	2 to 1	8	Medium	Good	0	0
19/10/2024	19	09:09	12:09	3	2	W to WNW	2 to 0	8	High	Good	0	0
19/10/2024	20	15:56	18:57	3	2	W to WSW	0	2 to 1	High	Good	0	0
19/10/2024	22	09:00	12:00	3	1 to 2	W	3 to 1	8	High	Good	0	0
20/10/2024	18	16:05	19:05	3	4 to 5	N	0	3	High	Good	0	0
21/10/2024	12	16:00	19:00	3	4 to 3	SSW	0	2 to 5	High	Good	0	0

Date	VP	Start Time	Finish Time	VP Hours	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
21/10/2024	14	16:00	19:00	3	4 to 3	SW	0	7 to 3	High	Good	0	0
21/10/2024	21	12:00	15:00	3	2 to 1	SE	0	2	High	Good	0	0

ANNEX 9: NOCTURNAL SURVEY EFFORT: SOLAR DEVELOPMENT SITES

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
04/12/2024	1	08:00/15:47	16:50	19:50	2	E	2	7 to 8	Med	Mod	1	0
29/08/2025	10	06:07/20:01	20:50	23:50	4	WSW	1	8	2	2	0	0
29/08/2025	12	06:07/20:01	20:30	23:30	1	E	1	7	2	2	0	0
28/08/2025	11	06:05/20:03	20:30	23:30	0	N/A	1	7	2	2	0	0
20/08/2025	6	05:51/20:22	21:10	00:10	4	N	0	8	2	2	0	0
19/08/2025	4	05:49/20:24	21:00	00:00	1	S	0	7	2	2	0	0
19/08/2025	5	05:49/20:24	21:15	00:15	3	NNE	1	8	2	2	0	0
13/09/2024	1	06:38/19:28	20:25	23:10	none	N/A	N/A	2	Med	Good	0	0
14/11/2024	1	07:30/16:05	16:15	19:15	0	NE	0	7	High	Good	0	0
16/10/2024	1	07:34/18:03	19:30	22:05	1	SE	1	7 to 8	High	Good	0	0
08/12/2024	2	08:09/15:42	16:45	19:45	5	NNE	0 to 1	8	High	Good	0	0
19/08/2025	9	05:49/20:24	21:15	00:15	3	NE	0	8	2	2	0	0
18/08/2025	7	05:47/20:27	21:10	00:10	3	ENE	0	8	2	2	0	0
18/08/2025	8	05:47/20:27	21:15	00:15	1	NE	0	8	2	2	0	0
17/08/2025	1	05:46/20:29	21:00	00:00	1	S	0	0	N/A	2	0	0
17/08/2025	2	05:46/20:29	21:15	00:15	3	ENE	0	8	2	2	0	0
17/08/2025	3	05:46/20:29	21:15	00:15	2	ENE	0	7	2	2	0	0
15/09/2024	2	06:41/19:23	20:40	23:05	3	E	1	7 to 8	High	Good	0	0
16/10/2024	2	07:34/18:03	19:30	21:45	1	SSE	1	8	High	Good	0	0
18/11/2024	2	07:38/16:00	17:00	20:00	0	E	0	8	High	Good	0	0
05/12/2024	3	08:08/15:44	17:30	20:30	3	E	4	8	Low	Mod	0	0
17/05/2025	6	04:58/21:04	21:30	00:30	2	N	0	0	N/A	2	0	0
15/05/2025	2	05:01/21:00	21:00	00:00	1	S	0	8	2	2	0	0
15/05/2025	3	05:01/21:00	21:00	00:00	2	NNE	0	2	2	2	0	0
15/05/2025	11	05:01/21:00	20:55	23:55	3	NNE	0	7	2	2	0	0
14/05/2025	1	05:03/20:59	20:50	23:50	0	N/A	0	0	N/A	2	0	0
14/05/2025	12	05:03/20:59	20:55	23:55	2	N	0	0	N/A	2	0	0

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
16/09/2024	3	06:43/19:20	20:15	22:50	2	E	0	7 to 8	High	Good	0	0
17/11/2024	3	07:38/16:03	17:00	20:10	2 to 3	W	0 to 1	8	High	Good	0	0
18/10/2024	3	07:38/17:59	19:00	21:30	3	SSE	0	7 to 8	High	Good	0	0
08/12/2024	4	08:09/15:42	16:30	19:30	3	E	2	8	High	Good	0	0
13/05/2025	4	05:04/20:57	20:45	21:45	2	NE	0	1	2	2	0	0
13/05/2025	8	05:04/20:57	20:45	23:45	0	N/A	0	0	N/A	2	0	0
12/05/2025	7	05:06/20:55	20:45	23:45	1	SE	0	0	N/A	2	0	0
12/05/2025	10	05:06/20:55	20:50	11:50	3	NE	0	1	2	2	0	0
11/05/2025	5	05:08/20:54	20:50	11:50	2	NE	0	1	2	2	0	0
11/05/2025	9	05:08/20:54	21:00	00:00	0	N/A	0	1	2	2	0	0
18/10/2024	4	07:38/17:59	19:30	21:50	2	SE	0	3 to 8	High	Good	0	0
18/11/2024	4	07:38/16:00	17:00	20:00	1	W	0	7	High	Good	1	0
19/09/2024	4	06:48/19:13	20:15	23:00	0	E	0	8	High	Good	0	0
08/12/2024	5	08:07/15:43	16:15	19:15	2	E	2	7 to 8	High	Good	0	0
27/04/2025	10	05:36/20:28	20:55	23:55	2	SW	0	1	2	2	0	0
26/04/2025	6	05:38/20:27	21:00	00:00	2	SSE	0	8	2	2	0	0
26/04/2025	11	05:38/20:27	20:45	23:45	2	ESE	0	8	2	2	0	0
26/04/2025	12	05:38/20:27	20:50	23:50	1	N	0	8	2	2	0	0
25/04/2025	3	05:40/20:25	21:00	00:00	0	N/A	0	5	2	2	0	0
25/04/2025	4	05:40/20:25	20:45	23:45	3	ESE	0	3	2	2	0	0
15/11/2024	5	07:33/16:06	17:00	20:00	1	NE	0	7 to 8	High	Good	0	0
16/10/2024	5	07:34/18:03	19:15	22:15	1	SE	1	7 to 8	High	Poor to Med	0	0
17/09/2024	5	06:45/19:18	20:30	23:36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
06/12/2024	6	08:07/15:43	17:00	20:00	7	S	2	8	High	Good	0	0
25/04/2025	8	05:40/20:25	20:55	23:55	3	ESE	0	5	2	2	0	0
24/04/2025	1	05:42/20:23	20:45	23:45	0	N/A	0	3	2	2	0	0
24/04/2025	2	05:42/20:23	20:45	23:45	1	E	0	7	2	2	0	0
24/04/2025	5	05:42/20:23	20:55	11:55	2	E	0	0	N/A	2	0	0
22/04/2025	7	05:47/20:19	20:40	23:40	0	N/A	0	7	2	2	0	0

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
21/04/2025	9	05:49/20:17	20:40	23:40	0	N/A	1	8	2	2	0	0
16/09/2024	6	06:43/19:17	20:40	23:38	1	SSE	0	1	High	Good	0	0
16/11/2024	6	07:35/16:04	16:45	19:00	3	E	0	6	High	Good	0	0
17/10/2024	6	07:36/18:01	19:30	22:30	2 to 3	SW	0	3	High	Good	0	0
03/12/2024	7	08:02/15:46	16:33	19:55	1	S	0	4	High	Good	0	0
11/03/2025	5	06:28/18:01	18:30	21:30	1	E	0	5	High	Good	0	0
10/03/2025	4	06:30/17:59	18:45	21:45	3	W	1	8	High	Good	0	0
09/03/2025	3	06:33/17:57	18:45	21:45	1	W	0	3	High	Good	0	0
08/03/2025	10	06:35/17:55	18:30	21:30	2	E	0	2	High	Good	0	0
08/03/2025	11	06:35/17:55	19:00	22:00	1	E	0	1	High	Good	0	0
07/03/2025	9	06:38/17:53	18:30	21:30	3	SE	0	7	High	Good	0	0
14/09/2024	7	06:40/19:25	20:35	22:55	3	E	0	5 to 8	High	Good	0	0
16/11/2024	7	07:34/16:03	17:00	20:00	2 to 3	W	0	6 to 8	High	Good	0	0
18/10/2024	7	07:38/17:59	18:55	22:00	4	S	2 to 0	7 to 8	Med	Good	0	0
04/12/2024	8	08:00/15:47	16:25	19:30	4	SSE	0 to 1	8	High	Good	0	0
07/03/2025	12	06:38/17:53	19:00	22:00	3	SE	0	7	High	Good	0	0
06/03/2025	2	06:40/17:51	19:00	22:00	3	S	2	7	High	Good	0	0
06/03/2025	6	06:40/17:51	18:40	21:40	3	S	0	7	High	Good	0	0
06/03/2025	8	06:40/17:51	18:30	21:30	3	S	2	8	High	Good	0	0
05/03/2025	1	06:42/17:49	19:00	22:00	2	S	0	1	High	Good	0	0
05/03/2025	7	06:42/17:49	19:30	22:30	3	SSW	0	1	High	Good	0	0
16/11/2024	8	07:34/16:03	17:00	19:55	3	WNW	0	7	High	Good	0	0
18/09/2024	8	06:47/19:15	20:15	22:55	2	E	0	0 to 8	High	Good	0	0
21/01/2024	8	07:44/17:52	19:15	21:30	1 to 2	SSW	0	1	High	Good	0	0
05/12/2024	9	08:08/15:44	18:30	21:30	5	W	0	3	High	Good	0	0
07/02/2025	11	07:39/16:57	17:45	20:45	3	SW	0	8	High	Good	0	0
06/02/2025	10	07:41/16:55	17:45	20:45	0	E	0	1	High	Good	0	0
05/02/2025	3	07:43/16:53	18:00	21:00	0	NE	0	1	High	Good	0	0
05/02/2025	9	07:43/16:53	17:30	20:30	2	W	0	0	n/a	Good	0	0

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
04/02/2025	7	07:45/16:51	17:50	20:50	2	NE	0	3	High	Good	0	0
03/02/2025	1	07:47/16:49	17:45	20:45	1	E	0	0	High	Good	0	0
17/11/2024	9	07:38/16:03	16:40	19:40	2	E	1	7 to 8	High	Good	1	0
19/10/2024	9	07:40/17:57	19:30	21:30	0	SE	0	1	High	Good	0	0
20/09/2024	9	06:47/19:07	20:17	22:58	0	E	0	7 to 8	High	Good	0	0
05/12/2024	10	08:08/15:44	18:00	20:53	5	W	0	4	High	Good	0	0
03/02/2025	4	07:47/16:49	17:45	20:50	2	S	0	1	High	Good	0	0
03/02/2025	5	07:47/16:49	17:30	20:30	3	S	0	4	High	Good	0	0
02/02/2025	8	07:48/16:47	17:45	20:55	1	S	0	7	High	Good	0	0
02/02/2025	12	07:48/16:47	17:30	20:30	2	S	0	6	High	Good	0	0
01/02/2025	2	07:50/16:45	17:45	21:15	5	SSE	0	8	High	Good	0	0
01/02/2025	6	07:50/16:45	17:15	20:30	3	S	0	8	High	Good	0	0
15/11/2024	10	07:33/16:06	17:00	20:00	3	SW	0	4	High	Good	0	0
20/10/2024	10	07:42/17:54	19:30	22:00	2	SE	0	8	High	Good	0	0
21/09/2024	10	06:49/19:04	20:10	22:20	2	NE	0	8	High	Good	0	0
06/12/2024	11	08:07/15:43	16:25	19:25	3 to 5	SSE	0 to 2	8	High	Good	0	0
11/01/2025	1	08:17/16:07	17:00	20:00	1	N	0	3	High	Good	2	0
10/01/2025	8	08:18/16:05	17:00	20:00	2	NW	0	0	n/a	Good	1	0
10/01/2025	9	08:18/16:05	16:56	19:48	2	NW	0	0	n/a	Good	2	0
10/01/2025	11	08:18/16:05	17:30	20:30	2	NE	0	3	High	Good	2	0
10/01/2025	12	08:18/16:05	17:10	20:10	0	NE	0	1	High	Good	2	0
09/01/2025	4	08:19/16:03	17:15	20:15	0	N	0	1	High	Good	2	0
13/11/2024	11	07:28/16:08	17:08	19:55	2	W	0	4	High	Good	0	0
19/10/2024	11	07:40/17:57	19:10	22:10	1	W	0	2	High	Good	0	0
07/12/2024	12	08:08/15:43	16:35	19:05	8 to 9	NNW	1 to 2	7 to 8	High	Good	0	0
09/01/2025	7	08:19/16:03	17:10	20:00	2	SE	0	0	High	Good	2	0
08/01/2025	3	08:20/16:02	17:15	20:15	1	N	0	8	High	Good	2	0
08/01/2025	6	08:20/16:02	17:00	20:00	1	NW	0	4	Mod	Good	2	0
08/01/2025	10	08:20/16:02	17:00	20:20	1	NW	0	7	High	Good	2	0

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
07/01/2025	2	08:20/16:01	17:30	20:30	2	W	0	2	High	Good	2	0
07/01/2025	5	08:20/16:01	17:00	20:08	3	W	0	4	High	Good	2	0
14/11/2024	12	07:33/16:08	17:00	19:50	1	NE	0	6	High	Good	0	0
17/10/2024	12	07:36/18:01	19:30	21:45	1	SSW	0	3	High	Good	0	0

ANNEX 10: CORIDOR ROUTE CORRIDOR WALKOVER METADATA

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
29/04/2025	1	05:31/20:22	10:00	13:00	2	S	0	1	2	2	0	0
29/04/2025	2	05:31/20:22	14:35	17:45	2	SSE	0	1	2	2	0	0
29/04/2025	3	05:31/20:22	14:30	17:30	2	SSE	0	1	2	2	0	0
29/04/2025	4	05:31/20:22	14:45	17:45	2	SSE	0	1	2	2	0	0
29/04/2025	5	05:31/20:22	13:30	16:30	2	SSE	0	1	2	2	0	0
30/04/2025	6	05:29/20:34	11:25	14:25	1	SSE	0	0	N/A	2	0	0
30/04/2025	7	05:29/20:34	10:30	13:30	2	SE	0	0	N/A	2	0	0
30/04/2025	8	05:29/20:34	11:04	14:10	2	SW to S	0	1	2	2	0	0
10/05/2025	1	05:10/20:52	05:00	08:00	1	SE	0	0	N/A	2	0	0
10/05/2025	2	05:10/20:52	05:00	08:00	1	SE	0	0	N/A	2	0	0
10/05/2025	3	05:10/20:52	08:30	11:30	1	ESE	0	0	N/A	2	0	0
10/05/2025	4	05:10/20:52	09:00	12:00	2	SE	0	0	N/A	2	0	0
11/05/2025	5	05:08/20:54	07:50	10:50	2	ENE	0	0	N/A	2	0	0
11/05/2025	6	05:08/20:54	10:50	13:50	2	E	0	0	N/A	2	0	0
11/05/2025	7	05:08/20:54	05:00	08:00	2	SE	0	0	N/A	2	0	0
11/05/2025	8	05:08/20:54	12:00	15:00	2	SE	0	3	2	2	0	0
21/05/2025	1	04:52/21:10	13:00	16:00	3	N	0	3	2	2	0	0
21/05/2025	2	04:52/21:10	16:00	19:00	3	N	0	1	2	2	0	0
21/05/2025	3	04:52/21:10	13:00	16:00								
21/05/2025	4	04:52/21:10	16:00	19:00	3	N	0	3	2	2	0	0
22/05/2025	5	04:50/21:12	05:00	08:00	2	NNW	1	8	2	2	0	0
22/05/2025	6	04:50/21:12	08:00	11:00	2	N	0	8	2	2	0	0
22/05/2025	7	04:50/21:12	05:00	08:00	3	NNE	0	7	2	2	0	0
22/05/2025	8	04:50/21:12	08:00	11:00	3	NNE	0	5	2	2	0	0
16/08/2025	1	05:44/20:31	09:00	12:00	2	ENE	0	8	2	2	0	0
16/08/2025	2	05:44/20:31	13:00	16:00	2	NE	0	8	2	2	0	0
16/08/2025	3	05:44/20:31	13:00	16:00	2	NE	0	8	2	2	0	0
16/08/2025	4	05:44/20:31	09:00	12:00	2	ENE	0	8	2	2	0	0

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
17/08/2025	5	05:46/20:29	09:00	12:00	2	NE	0	0	N/A	2	0	0
17/08/2025	6	05:46/20:29	05:15	08:15	2	NNW	0	0	N/A	2	0	0
17/08/2025	7	05:46/20:29	09:00	12:00	2	NE	0	0	N/A	2	0	0
17/08/2025	8	05:46/20:29	05:15	08:15	2	N	0	1	2	2	0	0
29/08/2025	1	06:07/20:01	13:30	16:30	1	SE	4 to 0	7	2	2	0	0
29/08/2025	2	06:07/20:01	17:30	20:30	1	SE	0	4	2	2	0	0
29/08/2025	3	06:07/20:01	17:30	20:30	1	SE	0	4	2	2	0	0
29/08/2025	4	06:07/20:01	13:30	16:30	1	SE	3	7	2	2	0	0
28/08/2025	5	06:05/20:03	09:00	12:00	1	S	0	2	2	2	0	0
28/08/2025	6	06:05/20:03	05:30	08:30	1	S	0	3	2	2	0	0
28/08/2025	7	06:05/20:03	17:30	20:30	3	SW	0	4	2	2	0	0
28/08/2025	8	06:05/20:03	13:30	16:30	3	SW	0	4	2	2	0	0
11/09/2025	1	06:30/19:29	06:00	09:10	3	SSW	0	4	2	2	0	0
11/09/2025	2	06:30/19:29	09:20	12:20	4	SSW	0	4	2	2	0	0
12/09/2025	3	06:32/19:27	06:00	09:00	2	SW	0	2	2	2	0	0
12/09/2025	4	06:32/19:27	09:45	12:45	2	SW	0	3	2	2	0	0
10/09/2025	5	06:28/19:32	06:00	09:00	2	W	2	7	2	2	0	0
12/09/2025	6	06:32/19:27	09:45	12:55	4	WSW	0	5	2	2	0	0
11/09/2025	7	06:30/19:29	05:50	08:50	3	SW	0	2	2	2	0	0
11/09/2025	8	06:30/19:29	08:50	11:50	4	SSW	0	3	2	2	0	0
24/09/2025	1	06:53/18:57	16:30	19:30	3	E	0	2	2	2	0	0
24/09/2025	2	06:53/18:57	13:00	16:00	4	E	0	6	2	2	0	0
24/09/2025	3	06:53/18:57	13:00	16:00	3	ENE	0	7	2	2	0	0
24/09/2025	4	06:53/18:57	16:30	19:30	3	ENE	0	2	2	2	0	0
23/09/2025	5	06:52/19:00	13:00	16:00	2	N	0	4	2	2	0	0
23/09/2025	6	06:52/19:00	16:30	19:30	2	NE	0	2	2	2	0	0
26/09/2025	7	06:57/18:52	12:45	15:45	6	E	0	6	1	2	0	0
25/09/2025	8	06:55/18:55	16:30	19:30	4 to 7	E	0	2	2	2	0	0
20/10/2025	1	07:41/17:55	12:00	15:00	3	SE	4	8	2	2	0	0
20/10/2025	2	07:41/17:55	15:20	18:30	2	E	4	7	2	2	0	0

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
20/10/2025	3	07:41/17:55	15:30	18:30	2	E	4	7	2	2	0	0
20/10/2025	4	07:41/17:55	12:00	15:00	3	SE	4	8	2	2	0	0
21/10/2025	5	07:43/17:53	10:30	13:30	3	SW	3	6	2	2	0	0
21/10/2025	6	07:43/17:53	07:15	10:15	3	SW	0	6	2	2	0	0
21/10/2025	7	07:43/17:53	10:00	13:00	3	SW	1	8	2	2	0	0
21/10/2025	8	07:43/17:53	07:00	10:00	3	SW	0	4	2	2	0	0

ANNEX 11: CABLE ROUTE CORRIDOR NOCTURNAL METADATA

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
29/04/2025	1	05:31/20:32	21:15	00:15	2	SE	0	0	N/A	2	0	0
29/04/2025	2	05:31/20:32	21:15	00:15	2	SE	0	0	N/A	2	0	0
29/04/2025	3	05:31/20:32	21:15	00:15	2	SE	0	0	N/A	2	0	0
29/04/2025	4	05:31/20:32	21:15	00:15	2	SE	0	1	2	2	0	0
29/04/2025	5	05:31/20:32	21:15	00:15	2	SE	0	1	2	2	0	0
30/04/2025	6	05:29/20:34	21:15	00:15	1	ESE	0	1	2	2	0	0
30/04/2025	7	05:29/20:34	21:10	00:10	2	SE	0	1	2	2	0	0
30/04/2025	8	05:29/20:34	21:10	00:10	2	SE	0	1	2	2	0	0
10/05/2025	1	05:10/20:52	20:30	23:30	3	ESE	0	0	N/A	2	0	0
19/05/2025	2	04:55/21:07	21:00	00:00	3	E	0	3	2	2	0	0
16/05/2025	3	04:59/21:02	21:30	00:30	3	N	0	8	2	2	0	0
13/05/2025	4	05:04/20:57	21:30	00:30	2	N	0	0	N/A	2	0	0
18/05/2025	5	04:56/21:05	21:20	00:20	2	NE	0	8	2	2	0	0
19/05/2025	6	04:55/21:07	21:30	00:30	2	ENE	0	0	N/A	2	0	0
21/05/2025	7	04:52/21:10	21:15	00:15	2	NNE	0	0	N/A	2	0	0
15/05/2025	8	05:01/21:00	21:30	00:30	2	NNE	0	7	2	2	0	0
30/08/2025	1	06:09/19:59	21:00	00:20	5	SSW	2	4	2	2	0	0
30/08/2025	2	06:09/19:59	20:30	23:30	2 to 6	E	4	8	2	2	0	0
22/08/2025	3	05:55/20:17	21:00	00:00	2	NE	0	4	2	2	0	0
16/08/2025	4	05:44/20:31	21:00	00:00	2	ENE	0	0	N/A	3	0	0
21/08/2025	5	05:53/20:20	21:00	00:00	2	ENE	0	8	2	2	0	0
20/08/2025	6	05:51/20:22	21:15	00:15	3	N	0	8	2	2	0	0
19/08/2025	7	05:49/20:24	21:15	00:15	2	NNE	1	8	2	2	0	0
18/08/2025	8	05:47/20:27	21:15	00:15	2	ENE	0	8	2	2	0	0
10/09/2025	1	06:28/19:32	20:10	23:30	3	S	3	8	2	2	0	0
09/09/2025	2	06:27/19:34	20:30	23:30	2	W	2	2	2	2	0	0
12/09/2025	3	06:32/19:27	20:00	23:00	8	SSW	2	6	2	2	0	0
09/09/2025	4	06:27/19:34	20:30	23:30	5	SE	0	5	2	2	0	0

Date	Transect No	Sunrise / Sunset (GMT)	Start Time	Finish Time	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Frost	Snow
13/09/2025	5	06:34/19:24	20:05	23:15	3	SW	1	6	2	2	0	0
09/09/2025	6	06:27/19:34	20:30	23:30	3	SE	0	4	2	2	0	0
10/09/2025	7	06:28/19:32	20:15	23:15	3	W	4 to 5	7	2	2	0	0
10/09/2025	8	06:28/19:32	20:30	23:30	4	S	2	8	2	2	0	0
20/10/2025	1	07:41/17:55	19:00	22:00	2	SE	4	8	2	2	0	0
20/10/2025	2	07:41/17:55	19:00	22:00	4	E	5	8	2	1	0	0
21/10/2025	3	07:43/17:53	18:45	21:45	3	SE	0	5	2	2	0	0
21/10/2025	4	07:43/17:53	19:00	22:00	3	SE	0	5	2	2	0	0
22/10/2025	5	07:45/17:50	18:04	21:45	2	E	0	5	2	2	0	0
22/10/2025	6	07:45/17:50	19:00	22:00	0	N/A	0	4	N/A	2	0	0
23/10/2025	7	07:47/17:48	19:20	22:20	6	WNW	1	2	2	2	0	0
24/10/2025	8	07:49/17:46	19:25	22:25	5	W	2	6	2	2	0	0

ANNEX 12: VP SURVEY DATA

VP FIELD SURVEY DATA:

Table 12a: All Flight Activity (Counts and Flight times) of Priority Bird Species Within Solar Development Site 1 Across the Survey Period.

Species and Flight Time	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
						Number of birds					
Barn Owl	-	-	-	-	-	-	-	-	-	-	-
2 minutes	-	1	-	-	-	-	-	-	-	-	-
1 minute	1	-	-	-	-	-	-	-	-	-	1
10 minutes	1	-	-	-	-	-	-	-	-	-	1
Curlew	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	1	-	-	-
Golden Plover	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	4	15	-	172	-	-	-	-	-	-
30 seconds	-	-	-	-	-	-	-	1	-	-	-
8 minutes	79	-	-	-	-	-	-	-	-	-	79
Green Sandpiper	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	1	-	-	-	-	-	-	-	-
Greylag Goose	-	10	1	-	-	-	2	8	6	-	-
1 minute	-	18	1	-	-	-	2	6	-	-	-
2 minutes	-	-	-	-	-	-	2	2	-	-	-
3 minutes	-	-	-	-	-	-	-	-	2	-	-
5 minutes	13	-	-	-	-	-	-	-	-	-	-
30 seconds	-	-	-	-	-	-	2	8	6	-	-
90 seconds	-	-	-	-	-	-	-	-	2	-	-
Hobby	-	-	-	-	-	-	-	-	-	2	-
1 min	-	-	-	-	-	-	-	-	-	1	-
10 mins	-	-	-	-	-	-	-	-	-	2	-
30 secs	-	-	-	-	-	-	-	-	-	1	-
Lapwing	-	-	-	-	-	-	-	-	-	-	-
1 minute	29	226	42	-	167	-	7	2	1	-	-

Species and Flight Time	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
Number of birds											
2 minutes	-	-	-	6	123	-	6	2	-	-	-
3 minutes	-	-	-	-	-	-	-	-	3	-	-
30 seconds	-	-	-	-	17	9	7	5	-	-	-
5 minutes	-	91	150	-	-	-	-	-	-	-	-
9 minutes	24	-	-	-	-	-	-	-	-	-	-
90 seconds	-	-	-	-	-	-	-	-	1	-	-
Little Egret	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	1	-	-	-	-	-	-
30 seconds	-	-	-	-	-	-	-	-	2	-	-
Mallard	-	-	-	-	-	-	-	-	-	-	-
1 min	-	-	-	-	-	-	-	-	-	6	-
1 minute	-	3	5	4	2	2	2	2	4	-	-
2 minutes	-	-	-	-	-	-	4	4	-	-	-
30 seconds	-	-	-	-	-	4	5	-	-	-	-
30 secs	-	-	-	-	-	-	-	-	-	8	-
5 minutes	4	-	-	-	-	5	-	-	-	-	4
90 seconds	-	-	-	-	-	-	-	-	3	-	-
Marsh Harrier	-	-	-	-	-	-	-	-	-	-	-
5 minutes	-	-	-	1	-	-	-	-	-	-	-
90 secs	-	-	-	-	-	-	-	-	-	1	-
Oystercatcher	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	1	-	-	-
2 minutes	-	-	-	-	-	-	-	1	-	-	-
Pink-footed Goose	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	46	26	-	-	-	-	-	-	-	-
2 minutes	-	107	8	-	-	-	-	-	-	-	-
3 minutes	-	107	-	-	-	-	-	-	-	-	-
Red Kite	-	-	-	-	-	-	-	-	-	-	-
1 minute	1	1	1	1	1	1	1	1	1	1	-
10 minutes	-	-	-	1	-	-	-	-	-	-	-
13 minutes	-	-	-	-	-	-	-	1	-	-	-

Species and Flight Time	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
Number of birds											
15 minutes	-	-	1	-	-	1	-	-	-	-	-
2 minutes	-	-	-	1	1	1	2	4	-	-	-
21 minutes	-	-	1	-	-	-	-	-	-	-	-
3 hours	-	-	-	-	-	-	-	2	-	-	-
3 minutes	-	2	-	-	-	-	1	2	1	-	-
30 seconds	-	-	-	-	1	1	3	1	1	-	-
31 minutes	-	-	-	-	-	-	-	1	-	-	-
4 minutes	-	-	1	-	-	-	1	-	1	-	-
5 minutes	-	-	1	-	-	1	3	2	1	-	-
6 minutes	-	-	-	-	-	-	3	1	1	-	-
60 minutes	-	-	-	-	1	-	-	-	-	-	-
7 minutes	-	-	-	-	-	-	2	-	-	-	-
8 minutes	-	-	2	-	-	-	-	-	-	-	-
9 minutes	-	-	-	-	-	-	2	-	-	-	-
90 seconds	-	-	-	-	-	-	-	1	1	-	-
90 secs	-	-	-	-	-	-	-	-	-	1	-
1 minute	-	-	-	-	-	-	-	-	-	-	1
2 minutes	1	-	-	-	-	-	-	-	-	-	1
3 minutes	1	-	-	-	-	-	-	-	-	-	1
30 seconds	1	-	-	-	-	-	-	-	-	-	1
5 minutes	1	-	-	-	-	-	-	-	-	-	1
7 minutes	1	-	-	-	-	-	-	-	-	-	1
Shelduck	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	1	-	-	1	-	-
3 minutes	-	-	-	-	-	-	-	2	-	-	-
Whooper Swan	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	38	-	-	-	-

Table 12b: All Flight Activity (Counts and Flight times) of Priority Bird Species Within Solar Development Site 2 Across the Survey Period.

Species and Flight Time	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
					Number of birds						
Barn Owl	-	-	-	-	-	-	-	-	-	-	-
3 minutes	-	-	-	-	-	-	1	-	-	-	-
Black-headed Gull	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	15	-	-	22	-	-	-	-	-	-
1 minutes	-	-	-	140	-	-	-	-	-	-	-
Common Gull	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	4	-	-	-	-	-	-
Curlew	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	1	-	-	-	-
Golden Plover	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	15	-	-	-	-	-	-
2 minutes	-	-	-	-	2	-	-	-	-	-	-
Grey Heron	-	-	-	-	-	-	-	-	-	-	-
1 minute	1	-	-	-	-	-	-	-	-	-	1
3 minutes	-	-	-	-	-	-	-	1	-	-	-
Grey Partridge	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	1	-	-	-	-	-
Greylag Goose	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	15	-	-	-	-	-
30 seconds	-	-	-	-	-	43	-	-	-	-	-
Herring Gull	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	24	2	-	-	-	-	-	-
Hobby	-	-	-	-	-	-	-	-	-	-	-
5 minutes	-	-	-	-	-	-	-	-	1	-	-
Lapwing	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	2	-	18	-	-	-	-	-
2 minutes	-	-	-	-	50	-	-	-	-	-	-
Lesser Black-backed Gull	-	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	-	-	5	-

Species and Flight Time	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
Number of birds											
Little Egret	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	**-**	1	-	1	-	1	1	-	-	-	-
2 minutes	**-**	-	-	-	-	-	-	1	-	-	-
Little Egret	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
1 minute	1	-	-	-	-	-	-	-	-	-	1
Mallard	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	7	5	3	-	-	3	2	2	-	-	7
2 minutes	7	-	-	-	-	-	-	-	-	-	7
3 minutes	**-**	-	-	-	-	-	-	3	-	-	-
30 seconds	**-**	-	-	-	-	-	-	2	-	-	-
Marsh Harrier	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
90 seconds	**-**	-	-	-	-	-	-	-	1	-	-
Merlin	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	**-**	-	-	-	1	-	-	-	-	-	-
Peregrine	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2 minutes	2	-	-	-	-	-	-	-	-	-	2
Red Kite	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	**-**	1	-	-	2	1	-	-	1	-	-
15 minutes	**-**	-	-	-	-	-	-	-	1	-	-
2 minutes	**-**	1	-	-	-	-	-	-	-	-	-
3 minutes	**-**	-	-	-	-	-	-	1	-	-	-
30 seconds	**-**	-	-	-	-	1	-	-	-	-	-
9 mins	-	-	-	-	-	-	-	-	-	2	-
1 minute	2	-	-	-	-	-	-	-	-	-	2
2 minutes	1	-	-	-	-	-	-	-	-	-	1
Snipe	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	1	-	-	-	-	-	-	-	-	-	1

Table 12c: All Flight Activity (Counts and Flight times) of Priority Bird Species Within Solar Development Site 3 Across the Survey Period.

Species and time	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
					Number of birds					
Black-headed Gull	-	-	-	-	-	-	-	-	-	-
1 minute	22	-	-	-	-	-	-	-	-	-
Cormorant	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	1	-	-
30 seconds	-	-	-	-	-	-	1	-	-	-
Grey Heron	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	1	-	-
3 minutes	-	-	-	-	-	-	-	-	-	1
30 seconds	-	-	-	-	-	-	1	1	-	-
8 minutes	-	-	-	-	-	-	1	-	-	-
Greylag Goose	-	-	-	-	-	-	-	-	-	-
30 seconds	-	-	-	-	-	-	1	-	-	-
Hobby	-	-	-	-	-	-	-	-	-	-
30 secs	-	-	-	-	-	-	-	-	1	-
Little Egret		-	-	-	-	-	-	-	-	-
1 minute	1	-	-	-	1	-	-	-	-	-
30 seconds		-	-	-	-	-	-	1	-	-
5 minutes	-	2	-	-	-	-	-	-	-	-
Mallard	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	2	-	-	-	-
20 minutes	-	-	-	-	-	-	1	-	-	-
30 seconds	-	-	-	-	-	4	4	-	-	-
30 secs	-	-	-	-	-	-	-	-	4	-
Peregrine	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	1	-	-	-
3 minutes	-	-	-	-	-	-	2	-	-	-
5 minutes	-	-	-	-	-	-	-	-	-	2
Red Kite	-	-	-	-	-	-	-	-	-	-

Species and time	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
Number of birds										
1 minute	-	-	-	-	1	-	-	1	-	-
2 minutes	-	-	-	-	1	-	-	-	-	-
3 minutes	-	-	-	-	-	-	-	1	-	-

Table 12d: All Flight Activity (Counts and Flight times) of Priority Bird Species Within Solar Development Site 4 Across the Survey Period.

Species and time	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
Number of birds										
Barn Owl	-	-	-	-	-	-	-	-	-	-
2 minutes	-	-	-	-	-	-	-	2	-	-
Black-headed Gull	-	-	-	-	-	-	-	-	-	-
1 minute	30	7	-	-	5	-	-	-	-	23
18 mins	-	-	-	-	-	15	-	-	-	-
4 minutes	-	-	-	-	15	-	-	-	-	-
Canada Goose	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	-	15	-
3 minutes	-	-	-	-	-	-	-	39	-	-
Common Gull	-	-	-	-	-	-	-	-	-	-
1 minute	5	-	-	-	-	-	-	-	-	-
30 seconds	-	2	-	-	-	-	-	-	-	-
Common Tern	-	-	-	-	-	-	-	-	-	-
30 seconds	-	-	-	-	1	-	-	-	-	-
Cormorant	-	-	-	-	-	-	-	-	-	-
1 minute	5	3	3	1	1	-	-	3	9	4
2 minutes	-	-	15	-	-	-	-	-	12	-
30 seconds	-	7	-	1	1	-	-	-	-	-
90 seconds	-	-	-	-	1	-	-	-	-	-
1 minute	-	-	-	-	-	-	1	-	-	-
Curlew	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	2	-	-	-	-	-	-	-
2 minutes	-	-	1	-	-	-	-	-	-	-
90 seconds	-	-	2	-	-	-	-	-	-	-
Dunlin	-	-	-	-	-	-	-	-	-	-
1 minute	1	-	-	-	-	-	-	-	-	-
Gadwall	-	-	-	-	-	-	-	-	-	-
1 minute	3	-	-	-	1	-	-	-	-	-
30 seconds	-	-	-	-	3	-	-	-	-	-

Species and time	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
Number of birds										
Goosander	-	-	-	-	-	-	-	-	-	-
2 minutes	-	-	-	-	-	-	-	-	-	1
Great Black-backed Gull	-	-	-	-	-	-	-	-	-	-
1 minute	2	-	-	-	-	-	-	1	-	-
Great White Egret	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	-	-	1
2 minutes	-	-	1	-	-	-	-	-	-	-
3 minutes	-	-	-	-	-	-	-	-	-	1
Green Sandpiper	-	-	-	-	-	-	-	-	-	-
1 minute	1	-	-	-	-	-	-	-	1	-
30 seconds	-	-	1	-	-	-	-	-	-	-
Grey Heron	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	2	1	1	-	1	-	-	5
1 minutes	-	-	-	-	-	-	-	-	-	1
2 minutes	-	-	-	-	-	-	-	-	1	2
30 seconds	-	1	-	-	-	-	-	-	-	-
30 secs	-	-	-	-	-	1	-	-	-	-
5 minutes	-	-	-	-	-	-	-	1	-	-
90 seconds	-	-	1	1	1	-	-	-	-	-
Grey Partridge	-	-	-	-	-	-	-	-	-	-
30 seconds	-	-	-	1	-	-	-	-	-	-
Greylag Goose	-	-	-	-	-	-	-	-	-	-
1 minute	170	101	16	4	7	-	-	6	75	1
2 minutes	-	-	6	-	2	-	-	-	-	-
3 minutes	-	-	-	-	-	-	-	1	-	-
30 seconds	-	11	12	23	3	-	-	-	-	-
90 seconds	-	-	-	-	6	-	-	-	-	-
Greylag Goose	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	34	-	-	-
Herring Gull	-	-	-	-	-	-	-	-	-	-
18 mins	-	-	-	-	-	8	-	-	-	-

Species and time	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
Number of birds										
Hobby	-	-	-	-	-	-	-	-	-	-
10 minutes	-	-	-	-	-	-	2	-	-	-
2 minutes	-	-	-	-	-	-	2	-	-	-
30 seconds	-	-	-	-	1	-	-	-	-	-
30 secs	-	-	-	-	-	2	-	-	-	-
90 seconds	-	-	-	-	1	-	-	-	-	-
Kingfisher	-	-	-	-	-	-	-	-	-	-
1 minute	1	-	-	-	-	-	-	1	-	-
30 seconds	-	-	-	-	1	-	-	-	-	-
Lapwing	-	-	-	-	-	-	-	-	-	-
1 minute	21	47	2	6	2	-	-	-	-	-
2 minutes	-	-	-	-	-	-	-	-	-	19
3 minutes	8	-	-	-	-	-	-	-	-	-
30 seconds	-	-	2	2	2	-	-	-	-	-
90 seconds	-	-	-	1	-	-	-	-	-	-
Lesser Black-backed Gull	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	160	-	-
18 mins	-	-	-	-	-	45	-	-	-	-
Little Egret	-	-	-	-	-	-	-	-	-	-
1 minute	1	2	1	-	-	-	-	-	2	-
30 seconds	-	1	-	-	-	-	-	-	-	-
5 minutes	-	-	-	-	-	-	-	-	-	1
90 seconds	-	-	-	-	3	-	-	-	-	-
Mallard	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	10	-	-	-	-
1 minute	6	2	2	2	4	-	-	33	7	12
2 minutes	-	-	4	-	-	-	-	-	-	-
3 minutes	-	-	-	-	-	-	-	-	-	6
30 seconds	-	-	3	6	2	-	-	-	-	-
Marsh Harrier	-	-	-	-	-	-	-	-	-	-
1 minute	1	-	-	-	-	-	1	-	-	1

Species and time	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
Number of birds										
15 minutes	-	-	-	-	-	-	1	-	-	-
2 minutes	-	-	-	-	-	-	-	-	2	-
5 minutes	-	-	-	-	-	-	1	-	-	-
Mute Swan	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	2	-	1	-	-	-	-	-	1	2
2 minutes	-	-	2	-	-	-	-	-	-	-
Oystercatcher	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	-	-	-	2	-	-	-	-	-	-
2 minutes	-	-	1	2	-	-	-	-	-	-
Peregrine	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	2	-	-	-	-	-	-	-	-	-
2 minutes	2	-	-	-	-	-	-	-	-	-
30 secs	-	-	-	-	-	1	-	-	-	-
Pink-footed Goose	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	-	-	-	-	-	-	-	-	-	3
2 minutes	-	-	-	-	-	-	-	56	15	-
3 minutes	-	-	-	-	-	-	-	75	-	-
4 minutes	-	-	-	-	-	-	-	55	-	-
5 minutes	-	-	-	-	-	-	-	85	-	-
6 minutes	-	-	-	-	-	-	-	90	-	-
90 seconds	-	-	40	-	-	-	-	-	-	-
Red Kite	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	1	1	1	1	-	-	-	-	-	-
2 mins	-	-	-	-	-	2	-	-	-	-
2 minutes	-	-	1	-	1	-	-	-	-	-
3 minutes	-	-	-	-	1	-	-	-	-	-
30 seconds	-	1	-	-	-	-	-	-	-	-
30 secs	-	-	-	-	-	1	-	-	-	-
8 minutes	-	-	-	-	1	-	-	-	-	-
90 seconds	-	-	-	1	-	-	-	-	-	-
15 minutes	-	-	-	-	-	-	1	-	-	-

Species and time	Oct	Nov	Dec	Jan	Feb	March	April	May	August	Sept
Number of birds										
2 minutes	-	-	-	-	-	-	1	-	-	-
Shelduck	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	3	-	-	-	-	-	-	-	-	-
30 secs	-	-	-	-	-	2	-	-	-	-
Shoveler	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	7	-	-	-	-	-	-	-	-	-
Snipe	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	2	-	-	-	-	-	-	-	-	-
Teal	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	-	-	10	-	-	-	-	-	-	-
Tufted Duck	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	8	-	-	-	-	-	-	-	-	-
Whooper Swan	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	-	-	35	-	-	-	-	-	-	-
2 minutes	-	-	9	-	-	-	-	-	-	-
Wigeon	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 minute	40	-	-	-	-	-	-	-	6	-

Table 12e; All Flight Activity (Counts and Flight times) of Priority Bird Species Within Solar Development Site 6/7 Across the Survey Period.

Species and time	Jan	Feb	March	April	May	August	Sept	Oct	Nov	Dec
Number of birds										
Black-headed Gull	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	-	-	1
2 minutes	5	-	-	-	-	-	-	-	-	-
Common Gull	-	-	-	-	-	-	-	-	-	-
2 minutes	2	-	-	-	-	-	-	-	-	-
Cormorant	-	-	-	-	-	-	-	-	-	-
2 minutes	1	-	-	1	-	-	-	-	-	-
30 secs	-	-	-	-	-	1	-	-	-	-
Great White Egret	-	-	-	-	-	-	-	-	-	-
2 minutes	-	-	-	1	-	-	-	-	-	-
Greenshank	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	1	-	-	-	-
Grey Heron	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	2	-	-	-	-
1 minute	1	-	-	-	-	-	-	-	1	-
30 secs	-	-	-	-	-	1	-	-	-	-
Greylag Goose	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	2	-	-	-	-	-	-
2 minutes	-	-	-	2	-	-	-	-	-	-
30 seconds	-	-	5	-	-	-	-	-	-	-
Herring Gull	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	4	-	3
Lapwing	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	1	-	-	-	-	-	-	-
Little Egret	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	-	1	1
1 minutes	-	1	-	-	-	-	-	-	-	-
30 secs	-	1	-	-	-	-	-	-	-	-
30 secs	-	-	-	-	-	2	-	-	-	-

Species and time	Jan	Feb	March	April	May	August	Sept	Oct	Nov	Dec
					Number of birds					
5 minutes	1	-	-	-	-	-	-	-	-	-
Mallard	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	25	-	-	-	-
1 minute	4	2	2	3	1	-	-	1	10	3
2 minutes	-	-	-	5	-	-	-	-	-	-
3 minutes	-	-	-	-	-	-	-	-	-	6
30 seconds	-	2	5	-	1	-	-	-	-	-
30 seconds	-	-	-	-	-	15	-	-	-	-
Merlin	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	-	1	-
Moorhen	-	-	-	-	-	-	-	-	-	-
30 seconds	-	-	-	1	-	-	-	-	-	-
Osprey	-	-	-	-	-	-	**1**	-	-	-
4 mins	-	-	-	-	-	-	1	-	-	-
Peregrine	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	1	-	-	-	-
Pink-footed Goose	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	51	-	-	-	-	-	-	-
Red Kite	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	1	-	-	-	-
1 minute	1	-	-	-	-	-	-	1	1	-
2 minutes	-	-	-	-	-	-	1	-	-	-
2 minutes	1	-	-	-	-	-	-	-	-	-
2 minutes	-	-	-	-	-	-	-	-	1	-
3 minutes	-	-	-	-	1	-	-	-	-	-
30 seconds	-	1	1	-	-	-	-	-	-	-
30 seconds	-	-	-	-	-	1	-	-	-	-
4 minutes	-	1	-	-	-	-	-	-	1	-
5 minutes	1	-	-	-	1	-	-	-	-	-
90 seconds	-	-	-	-	1	-	-	-	-	-
90 seconds	-	-	-	-	-	1	-	-	-	-

Species and time	Jan	Feb	March	April	May	August	Sept	Oct	Nov	Dec
					Number of birds					
Snipe	-	-	-	-	-	-	-	-	-	-
1 minutes	-	-	-	-	-	-	2	-	-	-
1 minutes	1	-	-	-	-	-	-	-	-	-
Woodcock	-	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	-	-	-	1
Woodpigeon	-	-	-	-	-	-	-	-	-	-
30 seconds	-	55	-	-	-	-	-	-	-	-
6 minutes	65	-	-	-	-	-	-	-	-	-

Table 12f: All Flight Activity (Counts and Flight times) of Priority Bird Species Within Solar Development Site 8 Across the Survey Period.

Species and time	Jan	Oct	Nov	Dec	Feb	March	April	May	August
					Number of birds				
Black-headed Gull	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	39	-	-	-
2 minutes	-	-	-	-	-	39	-	-	-
30 seconds	-	-	-	-	2	-	-	-	-
Canada Goose	-	-	-	-	-	-	-	-	-
1 minute	-	8	-	-	-	-	-	-	-
Curlew	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	1	-	-	-
2 minutes	-	-	-	-	-	1	-	-	-
30 seconds	-	-	-	-	-	-	1	-	-
Greylag Goose	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	46	-	-	-	-
2 minutes	-	-	-	-	17	2	-	-	-
30 seconds	-	-	-	-	17	-	-	-	-
4 minutes	-	-	-	-	46	-	-	-	-
Kingfisher	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	1	-	-	-	-	-
Lapwing	-	-	-	-	-	-	-	-	-
1 minute	-	-	22	-	-	9	-	-	-
Little Egret	-	-	-	-	-	-	-	-	-
1 minute	-	-	1	-	-	-	-	-	-
Mallard	-	-	-	-	-	-	-	-	-
1 minute	-	39	-	-	-	-	-	1	-
Oystercatcher	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	2	-	-	-
30 seconds	-	-	-	-	-	-	1	-	-
Peregrine	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	-	1	-	-
Red Kite	-	-	-	-	-	-	-	-	-

Species and time	Jan	Oct	Nov	Dec	Feb	March	April	May	August
Number of birds									
1 minute	-	-	-	-	-	-	-	-	1
1 minute	-	-	-	-	1	1	-	-	-
10 minutes	1	-	-	-	-	-	-	-	-
2 minutes	-	-	1	-	-	-	-	-	-
30 seconds	-	-	-	-	1	-	-	-	-
5 minutes	-	-	-	1	-	-	-	-	-
Teal	-	-	-	-	-	-	-	-	-
1 minute	-	2	-	-	-	-	-	-	-
Whooper Swan	-	-	-	-	-	-	-	-	-
1 minute	-	-	-	-	-	100	-	-	-
Wood Pigeon	-	-	-	-	-	-	-	-	-
1 minute	-	-	130	-	-	-	-	-	-

Light Valley
Solar

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