

Green Hill Solar Farm

Preliminary Environmental Information Report

Volume 2 Figures

Contents

PINS reference: EN010170



Volume 2: List of Figures:

Chapter 3: The Development Site

Figure 3.1 Location Plan

Figure 3.1.1 Location Plan Green Hill A and A2

Figure 3.1.2 Location Plan Green Hill B

Figure 3.1.3 Location Plan Green Hill C, D and E

Figure 3.1.4 Location Plan Green Hill F and BESS

Figure 3.1.5 Location Plan Green Hill G

Figure 3.2.1 Cable Route Search Area Green Hill North

Figure 3.2.2 Cable Route Search Area Green Hill Central

Figure 3.2.3 Cable Route Search Area Green Hill South

Figure 3.3.1 Field Boundaries Green Hill A and A.2

Figure 3.3.2 Field Boundaries Green Hill B

Figure 3.3.3 Field Boundaries Green Hill C, D and E

Figure 3.3.4 Field Boundaries Green Hill F and BESS

Figure 3.3.5 Field Boundaries Green Hill G

Chapter 5 Alternatives and Design

Figure 5.1 Search Area

Figure 5.2 Planning and Environmental Constraints

Figure 5.3 Unconstrained Land

Figure 5.4 Brownfield Sites

Figure 5.5 Topographic Gradient

Figure 5.6 Residual Land

Figure 5.8 Potential Development Areas

Figure 5.9 PDA 1 Yardley Hastings to Olney

Figure 5.10 PDA 2 Higham Ferrers to Bedford

Figure 5.11 Green Hill Development Site

Figure 5.12 Grade 3 Land

Figure 5.13 Large Scale Land Ownerships

Figure 5.14 Grade 3 Potential Development Areas

Figure 5.15 Grade 3 PDA 3 – A14 to Wellingborough

Figure 5.16 Grade 3 PDA 4 – Irthlingborough



Figure 5.17 Grade 3 PDA 5 – A428 to Moulton

Figure 5.18 Overall Constraints

Chapter 8 Landscape and Visual Impact

Figure 8.1 Site Locations and Study Area:

Figure 8.1.1 Site Locations and Study Area Green Hill A and A.2;

Figure 8.1.2 Site Locations and Study Area Green Hill B;

Figure 8.1.3 Site Locations and Study Area Green Hill C, D and E;

Figure 8.1.4 Site Locations and Study Area Green Hill F and BESS; and

Figure 8.1.5 Site Locations and Study Area Green Hill G.

Figure 8.2 Aerial Photography;

Figure 8.3 Landform:

Figure 8.3.1 Landform Green Hill A and A.2;

Figure 8.3.2 Landform Green Hill B;

Figure 8.3.3 Landform Green Hill C, D and E;

Figure 8.3.4 Landform Green Hill F and BESS; and

Figure 8.3.5 Landform Green Hill G.

Figure 8.4 Provisional Agricultural Land Classification;

Figure 8.5 Landscape Character Areas;

Figure 8.6 Landscape Receptors:

Figure 8.6.1 Landscape Receptors Green Hill A and A.2;

Figure 8.6.2 Landscape Receptors Green Hill B;

Figure 8.6.3 Landscape Receptors Green Hill C, D and E;

Figure 8.6.4 Landscape Receptors Green Hill F and BESS; and

Figure 8.6.5 Landscape Receptors Green Hill G.

Figure 8.7 Visual Receptors:

Figure 8.7.1 Visual Receptors Green Hill A and A.2;

Figure 8.7.2 Visual Receptors Green Hill B;

Figure 8.7.3 Visual Receptors Green Hill C, D and E;

Figure 8.7.4 Visual Receptors Green Hill F and BESS; and

Figure 8.7.5 Visual Receptors Green Hill G.

Figure 8.8 Bare Earth Zone of Theoretical Visibility (ZTV):

Figure 8.8.1 Bare Earth ZTV of Full Scheme at Green Hill A and A.2;

Figure 8.8.1.1 Bare Earth ZTV of Green Hill A and A.2 only;



- Figure 8.8.2 Bare Earth ZTV of Full Scheme at Green Hill B;
- Figure 8.8.2.1 Bare Earth ZTV of Green Hill B only;
- Figure 8.8.3 Bare Earth ZTV of Full Scheme at Green Hill BESS;
- Figure 8.8.3.1 Bare Earth ZTV of Green Hill BESS only;
- Figure 8.8.4 Bare Earth ZTV of Full Scheme at Green Hill C;
- Figure 8.8.4.1 Bare Earth ZTV of Green Hill C only;
- Figure 8.8.5 Bare Earth ZTV of Full Scheme at Green Hill D;
- Figure 8.8.5.1 Bare Earth ZTV of Green Hill D only;
- Figure 8.8.6 Bare Earth ZTV of Full Scheme at Green Hill E;
- Figure 8.8.6.1 Bare Earth ZTV of Green Hill E only;
- Figure 8.8.7 Bare Earth ZTV of Full Scheme at Green Hill F;
- Figure 8.8.7.1 Bare Earth ZTV of Green Hill F only;
- Figure 8.8.8 Bare Earth ZTV Green Hill G; and
- Figure 8.8.8.1 Bare Earth ZTV of Full Scheme at Green Hill G.
- Figure 8.9 Augmented ZTV:
 - Figure 8.9.1 Augmented ZTV Green Hill A and A.2 Full Scheme;
 - Figure 8.9.1.1 Augmented ZTV Green Hill A and A.2 only;
 - Figure 8.9.2 Augmented ZTV Green Hill B Full Scheme;
 - Figure 8.9.2.1 Augmented ZTV Green Hill B only;
 - Figure 8.9.3 Augmented ZTV Green Hill BESS Full Scheme;
 - Figure 8.9.3.1 Augmented ZTV Green Hill BESS;
 - Figure 8.9.4 Augmented ZTV Green Hill C Full Scheme;
 - Figure 8.9.4.1 Augmented ZTV Green Hill C only;
 - Figure 8.9.5 Augmented ZTV Green Hill D Full Scheme;
 - Figure 8.9.5.1 Augmented ZTV Green Hill D only;
 - Figure 8.9.6 Augmented ZTV Green Hill E Full Scheme;
 - Figure 8.9.6.1 Augmented ZTV Green Hill E only;
 - Figure 8.9.7 Augmented ZTV Green Hill F Full Scheme;
 - Figure 8.9.7.1 Augmented ZTV Green Hill F only;
 - Figure 8.9.8 Augmented ZTV Green Hill G Full Scheme; and
 - Figure 8.9.8.1 Augmented ZTV Green Hill G only.
- Figure 8.10 Viewpoint Locations:
 - Figure 8.10.1 Viewpoint Locations Green Hill A and A.2;



- Figure 8.10.2 Viewpoint Locations Green Hill B;
- Figure 8.10.3 Viewpoint Locations Green Hill C, D and E;
- Figure 8.10.4 Viewpoint Locations Green Hill F and BESS; and
- Figure 8.10.5 Viewpoint Locations Green Hill G.
- Figure 8.11 Private Receptors Identified:
 - Figure 8.11.1 Private Receptors Identified Green Hill A and A.2;
 - Figure 8.11.2 Private Receptors Identified Green Hill B;
 - Figure 8.11.3 Private Receptors Identified Green Hill C, D and E;
 - Figure 8.11.4 Private Receptors Identified Green Hill F and BESS; and
 - Figure 8.11.5 Private Receptors Identified Green Hill G.
- Figure 8.12 Transport Receptors Identified:
 - Figure 8.12.1 Transport Receptors Identified Green Hill A and A.2;
 - Figure 8.12.2 Transport Receptors Identified Green Hill B;
 - Figure 8.12.3 Transport Receptors Identified Green Hill C, D and E;
 - Figure 8.12.4 Transport Receptors Identified Green Hill F and BESS; and
 - Figure 8.12.5 Transport Receptors Identified Green Hill G.
- Figure 8.13 Public Rights of Way (PRoW) Receptors Identified:
 - Figure 8.13.1 PRoW Receptors Identified Green Hill A and A.2;
 - Figure 8.13.2 PRoW Receptors Identified Green Hill B;
 - Figure 8.13.3 PRoW Receptors Identified Green Hill C, D and E;
 - Figure 8.13.4 PRoW Receptors Identified Green Hill F and BESS; and
 - Figure 8.13.5 PRoW Receptors Identified Green Hill G.
- Figure 8.14 Baseline Photography and Summer Photomontages:
 - Figure 8.14.1 Viewpoint 1, Baseline Photography;
 - Figure 8.14.2 Viewpoint 2, Baseline Photography;
 - Figure 8.14.3 Viewpoint 3 Baseline Photography;
 - Figure 8.14.4 Viewpoint 4, Baseline Photography;
 - Figure 8.14.5 Viewpoint 5, Baseline Photography;
 - Figure 8.14.6 Viewpoint 6, Baseline Photography;
 - Figure 8.14.7 Viewpoint 7, Baseline Photography, Summer Photomontage;
 - Figure 8.14.8 Viewpoint 8, Baseline Photography;
 - Figure 8.14.9 Viewpoint 9, Baseline Photography;
 - Figure 8.14.10 Viewpoint 10, Baseline Photography;



Figure 8.14.11 Viewpoint 11, Baseline Photography;
Figure 8.14.12 Viewpoint 12, Baseline Photography, Summer Photomontage;
Figure 8.14.13 Viewpoint 13, Baseline Photography;
Figure 8.14.14 Viewpoint 14, Baseline Photography;
Figure 8.14.15 Viewpoint 15, Baseline Photography, Summer Photomontage;
Figure 8.14.16 Viewpoint 16, Baseline Photography;
Figure 8.14.17 Viewpoint 17, Baseline Photography, Summer Photomontage;
Figure 8.14.18 Viewpoint 18, Baseline Photography;
Figure 8.14.19 Viewpoint 19, Baseline Photography, Summer Photomontage;
Figure 8.14.20 Viewpoint 20, Baseline Photography, Summer Photomontage;
Figure 8.14.21 Viewpoint 21, Baseline Photography;
Figure 8.14.22 Viewpoint 22, Baseline Photography, Summer Photomontage;
Figure 8.14.23 Viewpoint 23, Baseline Photography;
Figure 8.14.24 Viewpoint 24, Baseline Photography;
Figure 8.14.25 Viewpoint 25, Baseline Photography;
Figure 8.14.26 Viewpoint 26, Baseline Photography, Summer Photomontage;
Figure 8.14.27 Viewpoint 27, Baseline Photography, Summer Photomontage;
Figure 8.14.28 Viewpoint 28, Baseline Photography, Summer Photomontage;
Figure 8.14.29 Viewpoint 29, Baseline Photography, Summer Photomontage;
Figure 8.14.30 Viewpoint 30, Baseline Photography;
Figure 8.14.31 Viewpoint 31, Baseline Photography;
Figure 8.14.32 Viewpoint 32, Baseline Photography;
Figure 8.14.33 Viewpoint 33, Baseline Photography;
Figure 8.14.34 Viewpoint 34, Baseline Photography;
Figure 8.14.35 Viewpoint 35, Baseline Photography, Summer Photomontage;
Figure 8.14.36 Viewpoint 36, Baseline Photography, Summer Photomontage;
Figure 8.14.37 Viewpoint 37, Baseline Photography;
Figure 8.14.38 Viewpoint 38, Baseline Photography;
Figure 8.14.39 Viewpoint 39, Baseline Photography, Summer Photomontage;
Figure 8.14.40 Viewpoint 40, Baseline Photography;
Figure 8.14.41 Viewpoint 41, Baseline Photography;
Figure 8.14.42 Viewpoint 42, Baseline Photography, Summer Photomontage;
Figure 8.14.43 Viewpoint 43, Baseline Photography, Summer Photomontage;



- Figure 8.14.44 Viewpoint 44, Baseline Photography, Summer Photomontage;
- Figure 8.14.45 Viewpoint 45, Baseline Photography;
- Figure 8.14.NN1 Viewpoint NN1, Baseline Photography;
- Figure 8.14.NN2 Viewpoint NN2, Baseline Photography, Summer Photomontage;
- Figure 8.14.NN3 Viewpoint NN3, Baseline Photography;
- Figure 8.14.NN4 Viewpoint NN4, Baseline Photography;
- Figure 8.14.NN5 Viewpoint NN5, Baseline Photography;
- Figure 8.14.NN6 Viewpoint NN6, Baseline Photography;
- Figure 8.14.NN7 Viewpoint NN7, Baseline Photography;
- Figure 8.14.NN8 Viewpoint NN8, Baseline Photography;
- Figure 8.14.NN9 Viewpoint NN9, Baseline Photography, Summer Photomontage;
- Figure 8.14.NN10 Viewpoint NN10, Baseline Photography, Summer Photomontage
- Figure 8.14.NN11 Viewpoint NN11, Baseline Photography.
- Figure 8.15.1 Indicative Masterplan Green Hill A and A.2
- Figure 8.15.2 Indicative Masterplan Green Hill B
- Figure 8.15.3 Indicative Masterplan Green Hill C, D and E
- Figure 8.15.4 Indicative Masterplan Green Hill F
- Figure 8.15.4 Indicative Masterplan Green Hill G

Chapter 10 Hydrology Flood Risk and Drainage

- Figure 10.1: Green Hill A and Green Hill A.2 – Flood Risk and Drainage
- Figure 10.2: Green Hill B – Flood Risk and Drainage
- Figure 10.3: Green Hill C – Flood Risk and Drainage
- Figure 10.4: Green Hill D – Flood Risk and Drainage
- Figure 10.5: Green Hill E – Flood Risk and Drainage
- Figure 10.6: Green Hill F – Flood Risk and Drainage
- Figure 10.7: Green Hill G – Flood Risk and Drainage
- Figure 10.8: Green Hill BESS – Flood Risk and Drainage
- Figure 10.9: Green Hill Cable Route Search Area - Flood Risk and Drainage

Chapter 11 Minerals

- Figure 11.1.1: Mineral Resource Plans Green Hill A and A.2 Sheet 1 of 5
- Figure 11.1.2: Mineral Resource Plans Green Hill B Sheet 2 of 5
- Figure 11.1.3: Mineral Resource Plans Green Hill C, D and E Sheet 3 of 5
- Figure 11.1.4: Mineral Resource Plans Green Hill F and BESS Sheet 4 of 5



Figure 11.1.5: Mineral Resource Plans Green Hill G Sheet 5 of 5

Chapter 12 Cultural Heritage

Figure 12.1.1: Designated Heritage Assets: Green Hill A and A.2

Figure 12.1.2: Designated Heritage Assets: Green Hill B

Figure 12.1.3: Designated Heritage Assets: Green Hill C, D and E

Figure 12.1.4: Designated Heritage Assets: Green Hill F

Figure 12.1.5: Designated Heritage Assets: Green Hill G

Figure 12.1.6: Designated Heritage Assets: Green Hill BESS

Figure 12.1: Designated Heritage Assets

Figure 12.2.1: Non-Designated Heritage Assets: Green Hill A

Figure 12.2.2: Non-Designated Heritage Assets: Green Hill A.2

Figure 12.2.3: Non-Designated Heritage Assets: Green Hill B

Figure 12.2.4: Non-Designated Heritage Assets: Green Hill C

Figure 12.2.5: Non-Designated Heritage Assets: Green Hill D

Figure 12.2.6: Non-Designated Heritage Assets: Green Hill E

Figure 12.2.7: Non-Designated Heritage Assets: Green Hill F

Figure 12.2.8: Non-Designated Heritage Assets: Green Hill G

Figure 12.2.9: Non-Designated Heritage Assets: Green Hill BESS

Figure 12.2.10: Non-Designated Heritage Assets: Green Hill Cable Route Search Area

Figure 12.3.1: Historic Landscape Character: Green Hill A

Figure 12.3.2: Historic Landscape Character: Green Hill A.2

Figure 12.3.3: Historic Landscape Character: Green Hill B

Figure 12.3.4: Historic Landscape Character: Green Hill C

Figure 12.3.5: Historic Landscape Character: Green Hill D

Figure 12.3.6: Historic Landscape Character: Green Hill E

Figure 12.3.7: Historic Landscape Character: Green Hill F

Figure 12.3.8: Historic Landscape Character: Green Hill G

Figure 12.3.9: Historic Landscape Character: Green Hill BESS

Chapter 14 Noise and Vibration

Figure 14.1 Monitoring and Sensitive Receptor Locations at Green Hill A

Figure 14.2 Monitoring and Sensitive Receptor Locations at Green Hill B

Figure 14.3 Monitoring and Sensitive Receptor Locations at Green Hill C to E

Figure 14.4 Monitoring and Sensitive Receptor Locations at Green Hill F and Green Hill



BESS

Figure 14.5 Monitoring and Sensitive Receptor Locations at Green Hill G

Chapter 16 Air Quality

Figure 16.1: Construction Dust Assessment Study Area

Chapter 17 Socio Economics, Health and Tourism

Figure 17.1: Study Areas for Socio-Economics, Tourism and Recreation

Figure 17.2: Long-Distance Recreational Routes

Chapter 18 Human Health

Figure 18.1: Study Areas for Human Health

Chapter 19 Arboriculture

Figure 19.1 to Figure 19.3: Tree Constraints Plan Green Hill A

Figure 19.4: Tree Constraints Plan Green Hill A.2

Figure 19.5: Tree Constraints Plan Green Hill B

Figure 19.6: Tree Constraints Plan Green Hill C

Figure 19.7 and Figure 19.8: Tree Constraints Plan Green Hill D

Figure 19.9 to Figure 19.14: Tree Constraints Plan Green Hill E

Figure 19.15 to Figure 19.17: Tree Constraints Plan Green Hill BESS

Figure 19.18 to Figure 19.27: Tree Constraints Plan Green Hill F

Figure 19.28 to Figure 19.31: Tree Constraints Plan Green Hill G

Chapter 20 Agricultural Land Classification

Figure 20.1: National Soil Association Map

Figure 20.2: Agricultural Land Classification Map

Figure 20.3: Previous Detailed Agricultural Land Classification Map

Figure 20.4: Agri-environment Schemes Map

Figure 20.5: Forestry and Woodland Schemes Map

Chapter 25 Cumulative Developments

Figure 25.1: Other Developments