



## **DESIGN AND ACCESS STATEMENT**

BURSTEAD SOLAR FARM AND BATTERY STORAGE 'FREE GO'

LAND SOUTH AND EAST OF GREAT BURSTEAD, BILLERICAY, ESSEX

NOVEMBER 2023



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## 1. INTRODUCTION

- 1.1 This Design and Access Statement (DAS) has been prepared to support 'Free Go' applications made to Basildon Council (BC) and Rochford District Council (RDC) seeking Planning Permission for the proposed installation of a solar farm and battery storage facility with associated infrastructure ("the Proposed Development") on land south and east of Great Burstead, Billericay, Essex ("the Site", hereafter Burstead Solar Farm). The application is made following previous refusal on landscape and Green Belt grounds (BC reference: 22/00411/FULL and RDC reference: 22/00359/FUL).
- 1.2 This DAS first provides an overview of the Site (Section 2), before detailing the Proposed Development (Section 3) and outlining the design principles which have informed the proposals (Section 4). Matters of use (Section 5), layout (Section 6), amount and scale (Section 7), appearance (Section 8) and landscaping (Section 9) are then summarised to provide information on how these matters have been taken into account in the preparation of the application. Considerations given to designing out crime (Section 10) are also explained. The DAS continues to detail the proposed means of access (Section 11) before an overview of the construction, operation and decommissioning stages are outlined (Section 12, 13 and 14). The purpose of this document is to demonstrate how matters of design and access have been considered and how they have informed the development of application submitted.
- 1.3 This document has been prepared in line with Article 9 of the Town and Country Planning (Development Management Procedure) (England) Order 2015, which sets out the required contents of a DAS. This DAS is prepared pursuant to Part 9(1)(a) as a 'major' development.
- 1.4 The Planning Practice Guidance (PPG) sets out that a DAS should be a "*concise report*" and that "*level of detail in a Design and Access Statement should be proportionate to the complexity of the application*" ('Making an application' Paragraph: 029 Reference ID: 14-029-20140306).
- 1.5 This DAS should be read alongside the plans and documents forming the application.

## **2. THE SITE**

- 2.1 The Burstead Solar Farm is located at land east and south of Great Burstead, Billericay, Essex.
- 2.2 The Site comprises land, totalling approximately 119.5 ha and will be connected via an underground cable route to the point of connection at the National Grid Rayleigh Substation where the renewable energy generated will be exported to the electricity grid.
- 2.3 The Site is mainly rural in character, with a complex wider setting including Great Burstead to the north, Noak Hill Road (A176) to the west, industrial units at Gurnards Farm to the immediate west of the eastern parcel and the Barleylands recycling centre to the south of the western parcel. The A129 (Southend Road) separates the two parcels of the Site. The field network within the Site is characterised by irregular shaped fields with a mixture of hedgerow and tree boundaries. There are Public Rights of Way which intersect the Site. The eastern parcel lies to the south of Bridleway 306\_34 and is crossed by Footpath 306\_36. The access from Granites Chase is adjacent to Footpath 306\_37. The western parcel is crossed by Footpaths 306\_61, 306\_62, 306\_63 and 306\_64. Footpath 306\_60 lies to the immediate west of the Sites boundary adjacent to the rear gardens of properties on Noak Hill Road (A176). The River Crouch lies to the south of the Site.
- 2.4 The surrounding area comprises scattered farms with larger settlements nearby to the north, south and west. Billericay lies to the north of the Site with the northern edge of Basildon to the south. The Site is currently accessed via Southend Road (A129) and Granites Chase.
- 2.5 The Site is not covered by any statutory or non-statutory designations or assets that relate to biodiversity, landscape and cultural heritage. The Site is within the Green Belt.
- 2.6 A Site Location Plan accompanies the application and shows the site in the surrounding context.
- 2.7 The Site is within the administrative areas of Basildon Council and Rochford District Council and is in Great Burstead & South Green Village Council and Rawreth Parish Council areas respectively.

### 3. PROPOSED DEVELOPMENT

3.1 The proposal is for the construction, operation, maintenance and decommissioning of a ground mounted solar farm which will generate electricity for distribution to the national grid. Provision is also made for a battery storage facility which would be utilised to reinforce the power generation of the solar farm. All associated plant and equipment, together with associated development (such as CCTV and fencing) is included within the proposals. The proposal would operate for a temporary time period of up to 40 years.

3.2 The description of development for the application is:

*“The proposed installation of a solar farm and battery storage facility with associated infrastructure. ‘Free Go’.”*

3.3 The ‘Free Go’ application is made following previous refusal on landscape and Green Belt grounds with the scheme amended and reduced to address the reasons for refusal. While the Site (red line area) is unchanged, development is now only proposed within the eastern parcel. Access is now only proposed from Granties Chase. The western parcel will remain undeveloped and continue in agricultural use.

3.4 The main components of the amended proposal comprise:

- Solar photovoltaic panels, ground mounted to a piled frame made of galvanized steel or aluminium. The posts would be pile-driven (like a fence post) into the ground to a suitable depth based on site ground conditions to secure the framework without the need for concrete foundations. The framework is designed to hold panels secure in high winds and will be designed according to the relevant codes and standards. The solar panels are of a ‘fixed’ design. This means that the supporting metal framework is installed at 15° to 30° from horizontal having a maximum height of 3 m above existing ground levels in long linear rows running from east-west. The panels face south. The installed angle (°) is dependent on the existing ground topography and spacing between solar rows;
- Five inverter, transformer and switchgear stations are distributed evenly across the solar arrays within the eastern parcel housed within green metal containers. The containers measure 12.2 m (L) x 2.4 m (W) x 2.9 m (H), the container is raised on concrete plinths, which increases the overall height of the containers to 3.5 m (H). The inverter, transformer and switchgear stations are essential pieces of infrastructure

required to convert the electricity generated by the solar array from direct current (DC) to alternating current (AC), increase the electricity voltage thereby minimising losses and ensure the on site electrical system operates safely;

- The battery storage facility comprises a series of linked batteries housed in shipping containers (or similar structures in appearance). Adjacent to the batteries, also enclosed within containers, are inverter/transformers units, cooling systems and other electrical plant and equipment required. These will typically also be housed within (or externally on) containers. The battery containers measure 12.2 m (L) x 2.4 m (W) x 2.9 m (H) and the inverter/transformers containers measure 6.1 m (L) x 2.4 m (W) x 3.5 m (H). The containers, forming the battery storage facility, are placed within a compound to the east of Gurnards Farm industrial complex in the eastern parcel of the Site. The compound forms crushed aggregate to the same specification of the access roads and substation compound. Safety systems, including automatic shut off and temperature monitoring of battery units are built into the battery storage facility which are designed to the same electrical safety standards as the solar farm and other high voltage electrical equipment. A drainage scheme for the battery storage facility is detailed within the accompanying Flood Risk Assessment and Drainage Scheme;
- A 2.4 m high metal weld mesh security-fenced encloses the battery compound and its associated plant;
- Adjacent to the battery storage facility are a series of buildings and electrical infrastructure, forming the substation, control room, auxiliary transformer and two storage containers, within a fenced crushed aggregate compound. The buildings and electrical infrastructure comprise the plant and equipment necessary to export the electricity generated (or stored) onsite to the electricity network. The substation building measures 11.7 m (L) x 4 m (W) x 3.9 m (H). The control room measures 6 m (L) x 3 m (W) x 3 m (H) and has a single 5.7 m high weather station and communications satellite dish. The storage containers measure 12.2 m (L) x 2.4 m (W) x 2.9 m (H). The auxiliary transformer is enclosed in 2.2 m high fencing, has a footprint of 4.1 m (L) x 4.1 m (W);

- Underground cabling to connect the panels, inverters/transformer stations and battery storage facility to the proposed on-site substation and control room are included within the proposals;
- Underground cabling to link the proposed substation to the existing Rayleigh National Grid Substation form part of the application. The cable route generally follows the A129 via Wickford to the point of connection;
- Security deer type fencing with gates at necessary locations, up to 2.1 m in height, enclose the perimeter of the Site. Mammal gates are included within the fencing;
- Security and monitoring CCTV/infra-red cameras mounted on up to 3 m high posts internally within the Site;
- Combiner boxes are placed at the end of solar array rows;
- Weather station poles, up to 3 m in height, are located around the site perimeter, typically including at least one in each parcel of land;
- Site accesses from the public highway off Granites Chase, together with the required access improvement works and visibility splays, are included within the site and proposals. Access tracks are typically created adjacent to PRowS at the accesses;
- Compacted internal crushed aggregate tracks to allow vehicular access between fields are to be laid having a width between 3.5 m and 6 m. These connect the associated plant and equipment onsite; and
- Landscape planting, biodiversity enhancements and surface water attenuation measures are included in the scheme having been designed as part of the evolving proposals.

3.5 Individual elevations and component parts of the proposals described above are shown on the supporting drawings to the application.

3.6 While the Site extends to approximately 119.5 ha only a small portion of this land will be “developed” by the proposals. Grassland habitats will be established and/or remain and improved underneath and between the solar panel rows. The establishment and careful management of the land between and around the solar arrays will lead to significant biodiversity and ecology improvements which would be sheep grazed.

3.7 The relevant planning policies for design matters are addressed within the accompanying Planning Statement to the application.



#### **4. DESIGN PRINCIPLES**

- 4.1 The overarching design principles of the development is to maximise the generation of renewable energy within the Site and thereby tackle climate change, improve energy security while also providing farm diversification for the landowners and ensure ecological improvements for the next 40 years (during the operational life of the Proposed Development).
- 4.2 While a number of factors have influenced the design the development is of functional appearance. The proposals have been refined as a result of the advice received from the consultant team and site surveys undertaken, alongside comments made in the pre-application consultation discussions and use of best available technology. The scheme design is also influenced by the site selection. The scheme has been amended to address the previous reasons for refusal.

##### **Site Selection**

- 4.3 There are a number of considerations which apply to the site selection process Enso follow for all sites, including Burstead Solar Farm.
- 4.4 The first step, and requirement, is for the identification of suitable and a secured grid connection point which has spare capacity to enable a connection to be made and allow the export of renewable energy generated. As short a cable route as possible is required to allow the Proposed Development to be economically viable as well as to minimise energy losses in the cabling which will be wasted ('transmission losses') for sites located further away from the grid connection point.
- 4.5 Enso propose to connect to the transmission rather than distribution network. As such potential sites are required to be proximate to National Grid substations with spare connection capacity.
- 4.6 The Applicant engaged with National Grid to identify substations within England and Wales which had spare capacity. Rayleigh substation was one of those identified and the Applicant signed a Bilateral Connection Agreement and Construction Agreement with National Grid allowing connection for a future intended solar and battery project to the point of connection at Rayleigh substation. This secures the capacity available on the grid at the substation for a fixed period of years.

- 4.7 On securing the connection at the National Grid substation, a 5 km radius is mapped from the point of connection. Within this search area the Applicant considers environmental and planning constraints, such as landscape designations, sensitive habitats, archaeological and heritage issues. Also considered are geographical and topographical considerations such as slope and aspect, access etc.
- 4.8 Once potentially suitable locations have been identified the Applicant engages with the landowners in the area, to ascertain their interest in being involved with a potential solar scheme. These conversations involve landowners having the ability and desire to lease their land and having sufficient area of land to host a viable development either on its own or in combination with other nearby landowners. If this exercise is successful, the Applicant will progress with preparing the planning application.
- 4.9 Where necessary, as in this case at Burstead Solar Farm, the 5 km radius is increased on a site-by-site basis with careful consideration given to ensure the cabling costs associated with the grid connection remains viable over an increased distance.
- 4.10 Once grid capacity is secured, a site identified and agreement with landowner(s) reached within a viable distance of a National Grid substation all achieved, an application is begun to be prepared. As an application is progressed the site identified will be further refined to take account of studies and surveys undertaken to form the 'developable site' which forms the red line extent of this application.

### **Constraints**

- 4.11 The site selection process, described above, has meant the Proposed Development is located outside of statutory environmental designations which would form a constraint to the scheme (see para 4.7) and the land available has been refined to the most suitable site developable upon consideration of the expert advice received in the development of the scheme. Not all of the land available, or offered to the Applicant, is taken forward to form an application. A site refinement process is undertaken.
- 4.12 Careful consideration has been given to the site surrounding context and, where suitable, mitigation developed or land initially considered removed to address constraints to the Proposed Development in this location. Such constraints generally include:
- Public Rights of Way through the site or on land nearby;

- High number of buried services and utilities within the site;
- Field boundaries with very limited vegetation
- High number of drainage ditches or ponds within the site;
- Unsuitable points of access by HGVs or other vehicles;
- Unstable ground conditions;
- Offsets to ecology species (where present, including badgers, bird nest and bat roost) and features (such as trees with suitable nesting features and ponds). Such considerations are set out in the accompanying ecology reports and surveys; and
- Significant changes in topography within the site.

### **Opportunities**

4.13 Aside from the generation of renewable energy and contributions towards the achievement of net zero, the Proposed Development, and the 40 year operational life, provides opportunities for:

- Improvement of field boundaries;
- Increases in the ecological value of the site;
- Management of the site to provide considerable ‘net gains’ to biodiversity;
- Allowing the intensively managed agricultural land to ‘rest’;
- Continued use of the land for sheep grazing and other, non-crop, agriculture activities;
- Other community benefits; and
- Increased awareness of climate change and the energy system within the wider public.

### **Increased awareness**

4.14 This scheme, in raising the profile of renewable energy in the local community, may encourage greater take up of solar power on domestic properties as the benefits are seen and understood.

4.15 In addition, it is considered that increased education and exposure to renewable energy generation would improve understanding of climate change issues. In order to significantly increase the supply of renewable energy required to achieve the legally binding 'net zero' target on climate change and achieve the necessary reductions in CO<sub>2</sub> emissions, there will need to be greater understanding of how projects such as this can serve local communities without causing unacceptable harm. It is considered where the development is seen within the wider surroundings, it will increasingly be seen as a feature that people will recognise for its positive contribution towards mitigating climate change.

## **5. USE**

- 5.1 The current use of the site is agricultural. The cable route predominantly forms existing hardstanding as a public highway (or highway verge) on the A129.
- 5.2 The eastern parcel of the site is proposed to be used for the generation and storage of renewable energy for a 40 year period. The solar panels together with the associated plant and equipment necessary for the Proposed Development to function for this use is set out within this report. The western parcel will continue in current agricultural use.
- 5.3 The use is proposed for a temporary period. Upon cessation of the generation of renewable energy, or the end of the 40 year operational life the Proposed Development, all parts of the solar farm, batteries and all associated equipment will be removed from site. The land will revert back to an agricultural use.
- 5.4 The scheme has been designed to accommodate a continued agricultural use, specifically sheep grazing, during the operational period thereby retaining an agricultural function while generating significant amounts of renewable energy.
- 5.5 This DAS, and the accompanying documents forming the application, set out the relevant considerations for why this site well suited to accommodate the proposed use.

## 6. LAYOUT

- 6.1 The proposed layout of the scheme is fully detailed on the accompanying drawings to this 'Free Go' application. The layout has been amended and reduced since the refusal of the original applications which this 'Free Go' application follows. The site layout proposed has been refined since the site was initially identified to maximise the renewable energy generated while responding to site specific considerations which have been identified as the application has been progressed. Development is now only proposed within the eastern parcel.
- 6.2 The identification of such constraints, and opportunities to improve the site, have been identified from a number of sources. These include assessments made by the Applicant, and their consultant team (both as part of desk and site studies and survey), comments received by the Applicant as part of the public consultation and in other feedback received from informal discussions with statutory consultees and the landowner. Changes to the proposals also follow further considerations by the Applicant following the previous refusal.

### Design Evolution

- 6.3 A concept layout (Figure 1) was prepared in October 2021 and formed part of the community consultation leaflets delivered as part of the public consultation undertaken to the previous application.



Figure 1: Concept Site Proposals

- 6.4 Details of how the design had been amended to respond to the consultation are further set out within the Statement of Community Involvement which accompanies the application.
- 6.5 Prior to refusal, the submitted layout had been amended on a number of occasions to address comments made by the Council Planning Officers, consultees and members of the public during consideration of the application. The changes in summary included: the removal of solar panels from the centre of the eastern parcel north and east of the tributary of the River Crouch with new woodland planting near Public Rights of Way 306\_36 and 309\_38. The removal of solar panels from the northern part of the eastern parcel to approximately the 33 mAOD contour line and their replacement with species rich grassland suitable as potential habitat for Skylarks. This change removed the higher and rising land from the scheme and added new hedgerow (approximately 450 m) along the northern edge of the proposed development and woodland within the eastern parcel. Additionally the landscaping scheme was amended to include extra heavy standard stock trees to be planted providing immediate visual screening alongside structural planting north and east of the substation and battery storage facility. The refused layout is shown in Figure 2.



Figure 2: Refused Proposals (BU2.0 Rev 6A)

6.6 The 'Free Go' application has retained changes to the Proposed Development within the eastern parcel from the refused scheme and also removed all Proposed Development from within the western parcel.



Figure 2: Submitted 'Free Go' Proposals (BU2.0 Rev 8A)



## **7. AMOUNT AND SCALE**

- 7.1 The Site is 119.58 hectares. Land between and beneath the panels would be used for biodiversity enhancements and sheep grazing.
- 7.2 Although the development requires a large area of land, in terms of physical intrusion the development would only impact a small proportion of the site. The arrays are spaced so to avoid overshadowing. There is limited direct ground disturbance required to support the solar panels above-ground framework. The overall extent of ground disturbance onsite would be limited to areas excavated as a result of the underground cabling, internal access roads, inverter/transformer stations, fencing posts and substation and battery storage facility.
- 7.3 All of the Proposed Development is easily reversible at the end of the operational life.
- 7.4 The scale of development on Site has been determined by the equipment necessary to efficiently generate renewable energy and form a viable scheme to connect with the National Grid. The associated plant and equipment, including the inverter/transformers units and battery storage facility, have been designed to be as small as possible while being capable of undertaking their required functions safely within the site. Only a single pole/weather station attached to the control room is above single storey height (above 4 m).

## **8. APPEARANCE**

- 8.1 The development is of functional appearance. The proposed solar panels and all associated plant and equipment are shown on the accompanying drawings to the application. The appearance of the Proposed Development is fully assessed within the Landscape and Visual Appraisal (LVA) which accompanies the application.
- 8.2 The effects would be reversible with the removal of the Proposed Development. Cumulative impacts, of this and nearby Solar Farms (Crays Hall and Outwood Farm) are also considered within the LVA.

## 9. LANDSCAPING

9.1 A scheme of landscaping has been developed which is prepared to deliver biodiversity improvements and screen the Proposed Development from localised views. A Biodiversity Management Plan (BMP) accompanies the application, which includes:

- Retention, protection and enhancement of existing trees, hedgerows and woodland within the site and on its boundaries. Existing gaps within the boundary vegetation will be infilled. Wherever possible the design has sought to minimise the removal of existing landscaping features by making use of existing gaps in hedgerows and field accesses. New internal access track has been minimised while seeking to remain separate from PRow;
- Provision of new native tree belts and 'structural planting' woodland blocks to provide visual enclosure. In total 3.3 ha of new woodland planting is proposed, within the site setback from the fields boundaries (such as along the PRow) or within the improved buffer grassland to filter views and provide ecology habitats;
- Provision of new lengths of native hedgerows, some with native trees, surrounding the Proposed Development. This includes new hedgerow along PRow to provide visual enclosure. In total over 1.2 km (linear) of new hedgerow is proposed;
- Enhancement of site boundary margins, through proposed species rich grassland in line with ecological enhancement aims. Some 17 ha of improved habitat is proposed around the site boundaries between the solar farm fence line and existing field boundaries;
- Enhancement of areas underneath solar panels with a species rich grassland suitable for grazing livestock. Over 21 ha of the site will continue to be grazed by livestock;
- Existing and proposed native hedgerows managed to a height of 3 m or over to enhance visual enclosure, this includes along all PRow on or adjacent to the site. New trees and woodland groups will be allowed to grow to their natural height;
- Extra heavy standard stock trees are proposed to the north and east of the substation and battery storage facility; and
- Ongoing landscape management of planting during the lifetime of the proposed development.

- 9.2 The landscape mitigation proposals include measures that aim to avoid, reduce, or remedy adverse impacts on the landscape by ensuring that the scheme has a good fit within the landscape setting. It also includes measures that would reduce the visual prominence of the solar arrays in local views by enhancing the condition of field boundaries on the perimeter of the Site.
- 9.3 The BMP has set out how the land would be managed throughout the operational phase of the development. It is demonstrated that the site would be managed in such a way as to deliver significant biodiversity net gains and landscape improvements.

## **10. CRIME**

- 10.1 Rural crime, and concerns of increased crime, as a result of solar farm developments are common concerns raised during public consultation. In the past decade, in which large scale ground mounted solar farms have been common in the UK, while such developments have been targeted by criminal gangs and opportunistic thieves (typically during construction) solar farms are generally not considered to cause increase in crime rates in a locality.
- 10.2 The perimeter of the site will be fenced with deer fence and will be a minimum of 2 m high (2.1 m including posts), with any entrance secured by gates of similar strength and construction secured with padlocks meeting BS EN 12320 (Grades 56). The perimeter of the battery storage facility will be a 2.4 m high welded steel wire mesh (SR2) coloured green.
- 10.3 The site will be secured with a full CCTV and intrusion system manned 24 hours a day by personnel contractually committed to act promptly on the site in case of an alarm.
- 10.4 During construction valuable plant and materials will be stored in a secured construction compound with a security team undertaking regular daily inspections. Other measures, as appropriate, will be employed to reduce the risk of crime and deter criminal activity from occurring during this period.

## **11. ACCESS**

- 11.1 The site is to be accessed from Granites Chase. Site access arrangements are fully detailed within the Construction Traffic Management Plan (CTMP). The access to the western parcel off Southend Road (A129) will continue in its current use.
- 11.2 It is considered the access proposed is suitable and would provide for a safe means of access to the site. Temporary signage will be placed in the locality of the site and the construction route to indicate that heavy construction vehicles are turning and using the route.
- 11.3 Once vehicles are within the site there is sufficient space, including during construction within a construction compound to be created, that will enable vehicles to exit site in forward gear. The accompanying details set out how the access is to be achieved. The compound will provide all necessary parking for visitors to the site and provide space for the secure storage of materials, plant and welfare facilities during the construction period.
- 11.4 Access tracks within the site are proposed to be between 3.5 m to 6 m in width enabling movements within the site to access the inverter/transformer station, substation compound and battery compound locations.
- 11.5 Once operational the same access would be used for maintenance purposes.
- 11.6 PRoWs within the site will remain open and available at all times during construction, operation and decommissioning. Where necessary during construction banksmen will be employed to ensure users of the PRoW network can continue to use the definitive route without being impeded by the ongoing works. There will be no impact on offsite PRoWs. The access routes off Granties Chase is located adjacent to PRoW in order to minimise impact.

## **12. CONSTRUCTION**

- 12.1 The construction of the proposal would take place over approximately 7 months, with construction vehicles accessing the Site via Granites Chase.
- 12.2 A CTMP has been prepared and is submitted with the 'Free Go' planning application. The aim of the CTMP is to reduce the effect of the construction phase on the highway network. It contains all of the required information for the construction phase, as well as suggested mitigation measures which can be controlled by a suitably worded planning Condition. The CTMP details the construction route.
- 12.3 It is set out that that there will be approximately 4 HGVs per day (8 movements) accessing the Site over the 7 month construction period (which includes a 10% buffer to represent a 'worst case'). The level of traffic expected during the time limited construction period is not of a nature which would have an adverse or material effect on the safety or operation of the local highway network.

### **13. OPERATION**

- 13.1 Once operational there would be limited vehicle visits each month comprising a transit style van, accessing the Site via the access from Granites Chase. Such visit would undertake ground maintenance in accordance with the BMP, ensure the solar farm and battery storage facility continues to operate efficiently and (when required) undertake repairs or proactive maintenance as required.
- 13.2 During the operational phase, as detailed within the Planning Statement, the solar farm would generate renewable energy for the equivalent of more than 4,250 average homes in England a year and compared to other forms of energy generation by non-renewable sources save 3,271 tonnes of CO<sub>2</sub>, the equivalent of 1,139 cars. The proposal would make a valuable contribution to achieving energy targets, offsetting greenhouse gas emissions and help tackle climate change.



## **14. DECOMMISSIONING**

- 14.1 After a 40 year period the proposal would be decommissioned with all electricity generating equipment and built structures associated with the development removed from the Site and the land returned to agricultural use.
- 14.2 It is considered a suitably worded Condition can ensure the removal of the Proposed Development within a fixed period of the end of the operational lifetime.
- 14.3 Suitably worded planning Conditions are commonly attached to such development to ensure decommissioning takes place in accordance with a scheme of decommissioning agreed with the Local Planning Authority, typically, just before the commencement of decommissioning activities. The proposed means of construction and limited nature of the intrusion required mean the development can be easily removed and land returned to an agricultural use.

## **15. CONCLUSION**

- 15.1 This Design and Access Statement has been prepared to support 'Free Go' applications made to Basildon Council and Rochford District Council seeking Planning Permission for Burstead Solar Farm. This Design and Access Statement should be read alongside the plans and documents forming the 'Free Go' application and has taken a proportionate approach having considered the relatively uncomplex nature of the application in line with the requirements of the Planning Practice Guidance.
- 15.2 This Design and Access Statement has provided an overview of the Site and the Proposed Development, outlined the design principles on matters of use, layout, amount, scale, appearance, landscaping, crime and access, that have informed the developed proposals and how these have been amended since the previous refusal. It has also provided a summary of the site selection process and the construction, operation and decommissioning stages. The design and access issues associated with the Proposed Development have been assessed in the context of the 'Free Go' scheme as submitted.
- 15.3 While the appearance of the solar panels and the associated plant and equipment are dictated by their functional requirement the infrastructure is the minimum required for the operation of the solar farm and battery storage facility at the site. Measures to retain the agricultural use of the land in sheep grazing, significantly increase biodiversity and improve boundary vegetation are proposed as part of the scheme. The document has demonstrated how matters of design and access have been considered and how they have informed the details submitted.
- 15.4 It is concluded the proposal is appropriate in terms of design and access matters and therefore such matters should not be a reason for refusal.



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