

West Burton Solar Project

Consultation Report Appendix 5.9: West Burton Targeted Consultation Materials

Prepared by: Counter Context
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1 West Burton Targeted Consultation Letter to S42 Consultees

25 November 2022

Dear Sir/Madam

West Burton Solar Project statutory consultation: updated proposals for West Burton 3

Section 42 of the Planning Act 2008 (“the 2008 Act”) and Regulations 11 and 13 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (“the 2017 Regulations”)

Over the summer, West Burton Solar Project Limited (“The Applicant”) notified you of the statutory consultation undertaken on the West Burton Solar Project. This consultation ran from 15 June 2022 until 27 July 2022. We appreciate all feedback received during this period.

Updated information

We are writing to inform you of our updated proposals for West Burton 3, which is a site area within the wider West Burton Solar Project. The proposed changes include the introduction and reconfiguration of infrastructure within the site boundary at West Burton 3.

In summary, our proposed changes to the West Burton 3 site area are:

1. The proposed substation location has been moved south within the West Burton 3 site area, and is now proposed to sit in a more centralised location within the site boundary.
2. The substation will now be of a greater height. Additionally, the area within West Burton 3 reserved for this infrastructure will now also cover a larger footprint. This is to accommodate the substation and energy storage infrastructure previously proposed within the West Burton Substation site area to the northwest of West Burton Power Station. Energy Storage Units are therefore now being proposed within the West Burton 3 site area.
3. Solar panels are now proposed for the area of the West Burton 3 site that had previously been proposed to host the substation.
4. A new access route has been identified towards the east of the West Burton 3 site area, in order to replace an entrance previously proposed which will now not be used for heritage reasons.
5. The site boundary has been altered to introduce a buffer from the scheduled monument where no development would take place, reducing the overall size of the West Burton 3 site area.

Consultation materials

Please find enclosed an updated site layout plan for the West Burton 3 site area.

Further Information

If you would like further information about this letter, the consultation, or the West Burton Solar Project, please contact the project team by using one of the contact methods provided below:

- Emailing: info@westburtonsolar.co.uk
- Calling our Freephone: 0808 169 1858
- Writing to us at: FREEPOST CAWB SOLAR PROJECT
- Visiting our website at: [REDACTED]

Yours faithfully,

Eve Browning

Project Development Manager, Island Green Power

On behalf of West Burton Solar Project Limited

2 West Burton Targeted Consultation Information Change Note

West Burton Solar Project

Updated proposals for West Burton 3: Information change note in support of consultation

November 2022



Overview

This document provides information to explain the development and assessment of updated proposals for West Burton 3, which is a site area within the wider West Burton Solar Project.

West Burton 3 is located on land between Brampton and Marton, south of the A1500, in the district of West Lindsey, Lincolnshire. This document is accompanied by an updated indicative site layout plan for West Burton 3. The changes are summarised below and in Figure 1.

The changes to the proposals for West Burton 3 have arisen in response to design developments made following our phase two consultation undertaken in Summer 2022. The phase two consultation was supported with our Preliminary Environmental Information Report (PEIR) for the West Burton Solar Project (the 'Scheme').

In September we published our phase two Consultation Summary Report, which confirmed that two site areas (known as West Burton 4 and West Burton Substation) would be removed from the Scheme. As a result, the proposals for West Burton 3 now accommodate some features previously proposed for these sites, namely electrical substation capacity and energy storage infrastructure.

Information regarding the changes has been provided to ensure stakeholders and the local community are made aware of the updated proposals and possible associated environmental effects. **We want to hear your feedback on these updated proposals.**

In summary, our proposed changes to the West Burton 3 site area are:

1. The proposed substation location has been moved south within the West Burton 3 site area, and is now proposed to sit in a more centralised location within the site boundary.
2. The substation will now be of a greater height. Additionally, the area within West Burton 3 reserved for this infrastructure will now also cover a larger footprint. This is to accommodate the substation and energy storage infrastructure previously proposed within the West Burton Substation site area to the northwest of West Burton Power Station. Energy Storage Units are therefore now being proposed within the West Burton 3 site area.
3. Solar panels are now proposed for the area of the West Burton 3 site that had previously been proposed to host the substation.
4. A new access route has been identified towards the east of the West Burton 3 site area, in order to replace an entrance previously proposed which will now not be used for heritage reasons.
5. The site boundary has been altered to introduce a buffer from the scheduled monument where no development would take place, reducing the overall size of the West Burton 3 site area.

Key information

As shown in **Figure 1**, the West Burton 3 substation area has moved south of its originally proposed location and increased in size. A new access route has also been included to utilise an existing access track to the east of the railway line. As a result:

- The proposed substation area is now further from any nearby properties.
- The maximum compound area for the infrastructure has increased to 1.8 hectares compared to the previously proposed area of 0.6 hectares. This has been increased from a 132kV substation to accommodate the 400kV infrastructure previously proposed at the West Burton Substation site, and its associated energy storage facility.
- The maximum height of the busbars within the substation has increased from 6.5m to 13.2m.
- The infrastructure has moved from an area of agricultural land grade 3A to 3B, reducing the potential impact on agriculture and soils.
- The new access route into the site will mean that construction traffic for the eastern section of the West Burton 3 site will turn off the A1500 Till Bridge Lane and follow an existing farm track south, which runs to the east of the railway and into the West Burton 3 site. The previously-proposed site entrance close to the Bishop's Palace scheduled monument will now not be used, in order to minimise the impacts upon the heritage asset. The new access track is highlighted on Figure 1.

The Infrastructure

The relocated substation and energy storage facilities have followed the design process detailed in the Preliminary Environmental Impact Report (PEIR). Therefore, at this time, we do not anticipate any additional impacts beyond those reported in the PEIR, apart from those detailed in **Figure 2**.

Both pieces of infrastructure have been designed in line with the feedback received during consultation with the relevant local Fire and Rescue Service.

Responding to this consultation

We will be accepting feedback relevant to these changes from **Monday 28 November 2022** and up to and including **Sunday 08 January 2023**.

When providing your response, please include your name and contact details (a postal or email address) and confirm the nature of your interest in the West Burton Solar Project.

Completed responses can be submitted:

- a) By email to info@westburtonsolar.co.uk
- b) Online at [REDACTED]
- c) In writing to FREEPOST CAWB Solar Projects

Your feedback will be given due regard and will be reported on in our Consultation Report. Please note that your response may therefore be made public.

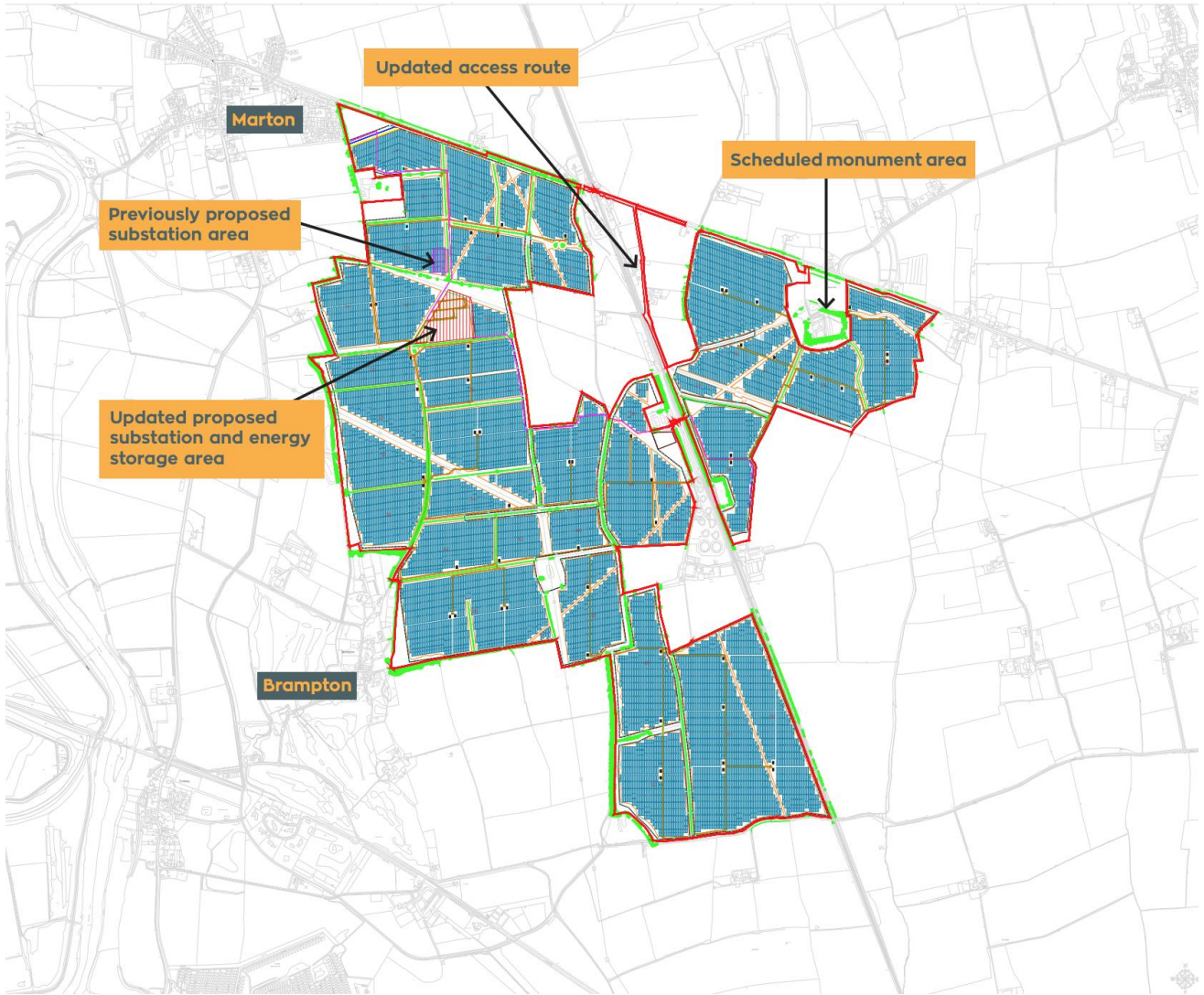


Figure 1: An illustrative summary of the updated proposals for West Burton 3

Figure 2: Table of Environmental Impact Assessment (EIA) topic areas in respect of the updated proposals for the Scheme.

EIA Topic Area	Details
Climate Change	<p>There would be no change to the consideration of the baseline as a result of the amendments to the Scheme. The amendments to West Burton 3 are not likely to be affected with regards to Climate Resilience as a result of no change to the overall flood risk.</p> <p>No changes to the conclusions of the Preliminary EIA (as set out in the PEIR) have resulted from the changes to the scheme.</p>
Landscape and Visual Impact Assessment	<p>The changes proposed to the internal arrangement of infrastructure within West Burton 3, including the increase in height of the substation, would not require for any additional new landscape or visual receptors to be brought into the assessment.</p> <p>No changes to the conclusions of the Preliminary EIA (as set out in the PEIR) have resulted from the changes to the scheme.</p>
Ecology and Biodiversity	<p>A hobby (Falco subbuteo) nest has been recorded within a tree in a hedgerow to the north east of the site in two separate breeding seasons during the bird surveys undertaken for the Scheme. This species is legally protected from disturbance while nesting. Precautions during construction work, including sensitive timing of work within an exclusion zone from it, and supervision by an Ecological Clerk of Works have been proposed in the Environmental Statement (ES) and will be secured in the draft DCO to ensure the avoidance of disturbance impacts. The operational array is not considered to pose any risk of disturbance impact on this species owing to its largely passive operation and the design of the maintenance tracks to be routed as far away as possible (230m north). As the revised substation is a larger, and taller structure, a moderate risk of noise or visual disturbance is considered possible both during construction and operation, at least until habituation occurs. Therefore, the substation has been sited at least 150m from the nest location in order to avoid disturbance impacts should nesting attempts continue.</p> <p>No habitat loss above that which was identified at PEIR stage will occur as a result from the changes to the Scheme. Consequently, aside from the above, no changes to the conclusions of the Preliminary EIA (as set out in the PEIR) have resulted from the changes to the Scheme.</p>

<p>Hydrology Flood Risk and Drainage</p>	<p>Chapter 10 of the PEIR - Hydrology Flood Risk and Drainage - details the likely significant environmental effects of the Scheme on the local hydrology during its construction, operation and decommissioning phases. The changes made at West Burton 3 do not present any further environmental impacts outside those detailed in this chapter.</p> <p>As such, no changes to the conclusions of the Preliminary EIA (as set out in the PEIR) have resulted from the changes to the Scheme.</p>
<p>Ground Conditions and Contamination</p>	<p>Chapter 11 of the PEIR identifies and evaluates the likely significant environmental effects posed by the Scheme relating to sensitive receptors (human health and controlled waters) in respect of ground conditions and contamination.</p> <p>No new receptors are introduced to the assessment as a result of the inclusion of amended proposals. Consequently, no changes to the conclusions of the Preliminary EIA (as set out in the PEIR) have resulted from the changes to the Scheme.</p>
<p>Minerals</p>	<p>Changes to the layout of West Burton 3 are anticipated to have the same impact on the safeguarded mineral reserves within that part of the site, so the impact remains unchanged.</p> <p>No changes to the conclusions of the Preliminary EIA (as set out in the PEIR) have resulted from the changes to the layout within West Burton 3.</p>
<p>Cultural Heritage</p>	<p>The changes to the Scheme do not include any new areas that could produce additional impacts on the Cultural Heritage resource.</p> <p>The red line boundary on the north-eastern edge of the West Burton 3 site has been amended to avoid the 'Bishop's Palace' Scheduled Monument area. Fields to the immediate north of the Scheduled area, in which medieval archaeological features have been identified through non-intrusive surveys and evaluation trenching, and which could be associated with the Scheduled remains, have also been removed from within the red line.</p> <p>The relocation of the substation, together with the greater height and larger footprint of the required infrastructure, could have potential to have additional effects on the setting of heritage assets (specifically the Bishop's Palace Scheduled Monument) which will be assessed further within the EIA. However, given that the Bishop's Palace Scheduled Monument is situated over 1km from the proposed substation, and that views westwards from the Scheduled Monument already contain Cottam</p>

	<p>Power Station and overhead electricity cables, it is initially considered that it is unlikely that the repositioning of the substation would cause substantial harm to this designated heritage asset.</p> <p>The substation is not situated within an area in which extensive archaeological remains have been identified by various non-intrusive surveys, but as the substation's construction will have a greater direct impact than that of the solar panel mounts, a further assessment of the impact of the construction of the substation, and a suitable programme of archaeological mitigation, will be set out in the Environmental Statement accompanying the DCO application.</p>
<p>Transport and Access</p>	<p>West Burton 3 will be served via a new access into the site from Tillbridge Lane. This access will be assessed and the findings of the assessment set out in the Environmental Statement accompanying the DCO application. HGV and construction worker vehicle trip generation associated with the construction phase of West Burton 3 will remain the same.</p> <p>The Study Area for West Burton 3 remains unchanged from that set out in the PEIR. The assessments and conclusions presented in the PEIR for these locations, therefore, remain unchanged.</p>
<p>Noise and Vibration</p>	<p>At West Burton 3, changes to the height and size of the substation and addition of energy storage are not anticipated to have a significant impact on nearby sensitive receptors and noise mitigation measures can be implemented in order that significant impacts can be avoided. This will be addressed in the Environmental Statement accompanying the DCO application.</p> <p>No changes to the conclusions of the Preliminary EIA (as set out in the PEIR) are anticipated as a result of the changes to the Scheme.</p>
<p>Glint and Glare</p>	<p>The changes to the Scheme will not give rise to any additional concerns beyond those identified within the PEIR. No additional receptors relating to road safety, residential amenity, aviation activity or railway operations and infrastructure have been identified.</p> <p>The energy storage and substation facilities are not considered to be major sources of glint and glare effects in EIA terms. In any event, the siting of solar PV panels, which is a potential source of glint and glare effects (and therefore a worse case) at the new location for the energy storage and substation facilities, has been considered in the PEIR.</p> <p>The introduction of a small area of solar PV panels into the area where the substation was formerly located is considered to be a negligible</p>

	<p>change to what was considered within the PEIR. This will be assessed in the Environmental Statement accompanying the DCO application.</p> <p>No changes to the conclusions of the Preliminary EIA (as set out in the PEIR) have resulted from the changes to the Scheme.</p>
Air Quality	<p>The changes to West Burton 3, and associated relocations of the energy storage and substation, are not likely to have any material impact on the conclusions of the Air Quality issues identified at the PEIR stage. The assessment in relation to fire risk has assumed a worst-case assessment, and will not be materially affected by the alterations to the Scheme.</p> <p>Furthermore, the conclusions made regarding the potential impacts of vehicle emissions are likely to be unchanged, as the construction vehicle movements are likely to remain under the IAQM screening thresholds, and the vehicle movements associated with the operational phase are likely to remain minimal.</p>
Socio-Economics, Agriculture, and Tourism and Recreation	<p>The changes to the Scheme do not impact upon the identified Local Impact Area, nor do the changes impact upon the existing baseline conditions upon which the socio-economics, agriculture, and tourism and recreation assessments has been made.</p> <p>The movement of the main substation and energy storage from the West Burton Substation site to West Burton 3, will impact upon the quantum of construction labour and potentially upon the construction duration. This therefore will change the environmental impacts of the Scheme with regard to employment opportunity, labour uplift, changes to socio-demographics, and to the economic impact of the Scheme on the Local Impact Area. A revised construction labour schedule will therefore be used to assess the socio-economic impacts. It is anticipated the magnitude and thus significance of effects are likely to reduce. These reductions are as a result of: the movement of the main substation superseding the need for a separate smaller substation for the West Burton 3 site alone; subsequent changes to the associated cable route; and reduction of the Scheme land take.</p> <p>The changes to the Scheme will also alter the assessment of tourism and recreation receptors both with regard to economic impacts, and with regard to localised impact on tourism and recreation attractions and facilities, including Public Rights of Way. A revised assessment of impacts on tourism and recreation attractions and facilities will therefore be made against the new site layout and site area. It is anticipated the</p>

	<p>magnitude and thus significance of effects are likely to reduce as a result of the reduced land take of the Scheme.</p> <p>In-combination effects with landscape, heritage, transport, and human health will also have to be revised as a result of the altered Scheme.</p>
Waste	<p>The changes to the Scheme do not impact upon the identified Local Impact Area, nor do the changes impact upon the existing baseline conditions upon which the waste assessment has been made.</p> <p>The quantum of waste generated by the construction, operation and eventual decommissioning of the Scheme will be assessed based upon the final design, to establish the significance of anticipated effects.</p> <p>The quantum of waste generated by the construction, operation and eventual decommissioning of the Scheme is likely to reduce as a result of the proposed Scheme changes: the movement of the main substation superseding the need for a separate smaller substation for the West Burton 3 site alone; subsequent changes to the associated cable route; and reduction of the Scheme land take. Resultantly, there is an anticipated decrease in the significance of environmental effects. No additional effects are expected.</p>
Other Environmental Matters	<p>The changes to the Scheme do not alter any baseline levels for human health receptors. The reduction in the geographic spread of the Scheme is anticipated to have reduced environmental impacts on human health. This reduction will be in keeping with the anticipated changes to environmental effects from climate change, landscape, ecology, hydrology, transport, air quality, noise, socio-economics and waste.</p> <p>Environmental risks from major accidents and disasters are unchanged for the majority of West Burton 3. The movement of the main substation and energy storage to West Burton 3 does constitute a change that requires baseline conditions to be remeasured and for environmental impacts to be reassessed. The localisation of these effects will therefore be different as a result of changes to the Scheme, however the magnitude of these effects is anticipated to be no greater than equal to the effects of the prior layout of the Scheme.</p>

3 West Burton Targeted Consultation Letter to S47 Consultees

25 November 2022

Dear Sir/Madam,

West Burton Solar Project consultation: updated proposals for West Burton 3

We are developing proposals for West Burton Solar Project. Since consulting on the project over the summer, our team has been working to consider all of the feedback we received and to refine our proposals.

As part of our ongoing design work, we have further developed our proposals for the site area referred to as West Burton 3, located on land between Brampton and Marton. We are writing to update you on these changes, which include the introduction and reconfiguration of certain infrastructure within the site boundary.

In summary, our proposed changes to the West Burton 3 site area are:

1. The proposed substation location has been moved south within the West Burton 3 site area, and is now proposed to sit in a more centralised location within the site boundary.
2. The substation will now be of a greater height. Additionally, the area within West Burton 3 reserved for this infrastructure will now also cover a larger footprint. This is to accommodate the substation and energy storage infrastructure previously proposed within the West Burton Substation site area to the northwest of West Burton Power Station. Energy Storage Units are therefore now being proposed within the West Burton 3 site area.
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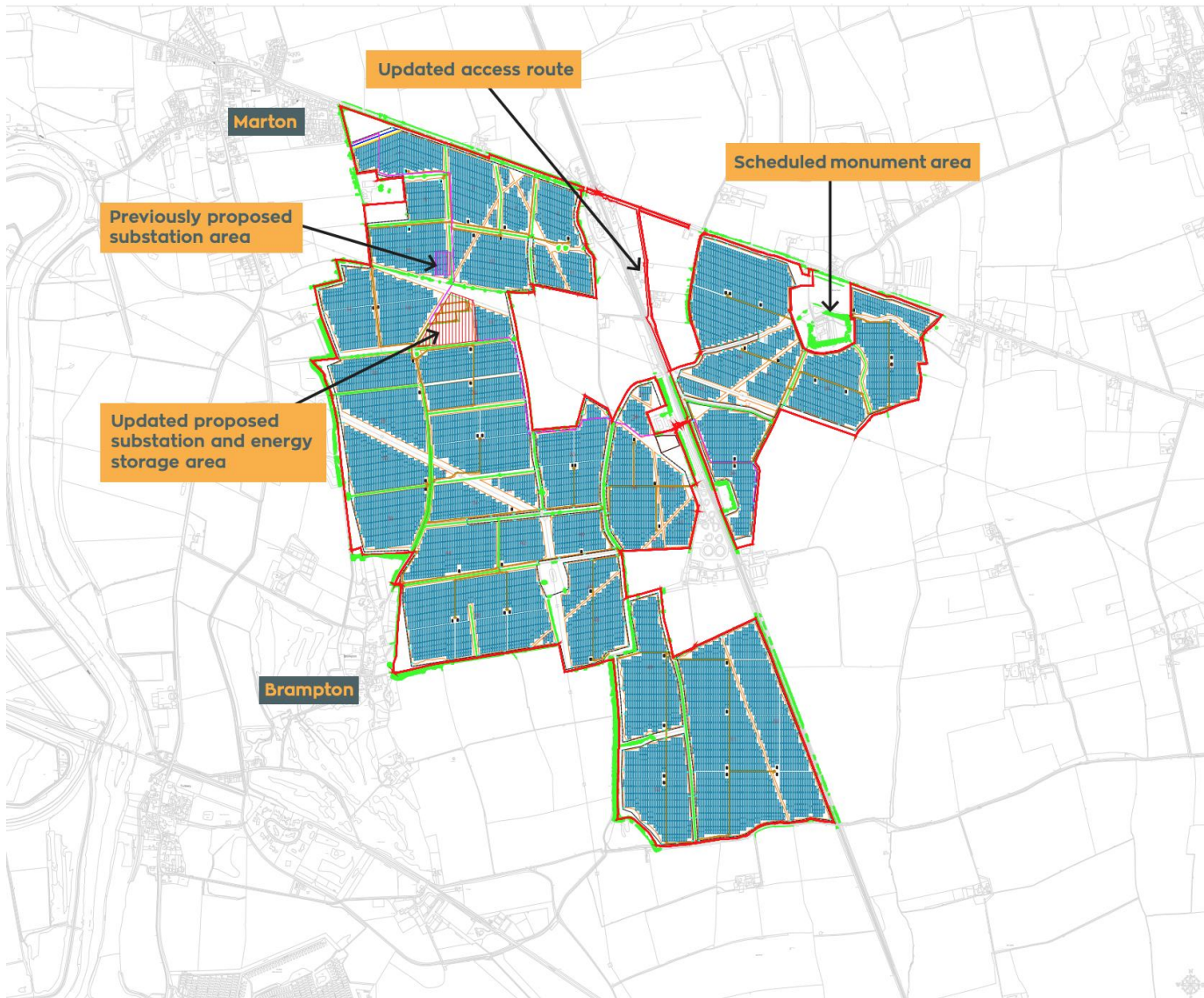


Figure 1: An illustrative summary of the updated proposals for West Burton 3

How to respond to this consultation

We are now consulting on these proposed changes to our design for West Burton 3. We want to hear your views.

This phase of consultation will close on **Sunday 08 January 2023**. Please provide us with any comments on these proposed changes on or before this date using the communication channels below.

- a) By email to info@westburtonsolar.co.uk
- b) Online at [REDACTED]
- c) In writing to FREEPOST CAWB Solar Projects

Further information regarding the changes made can be found online at [REDACTED] or at the following location:

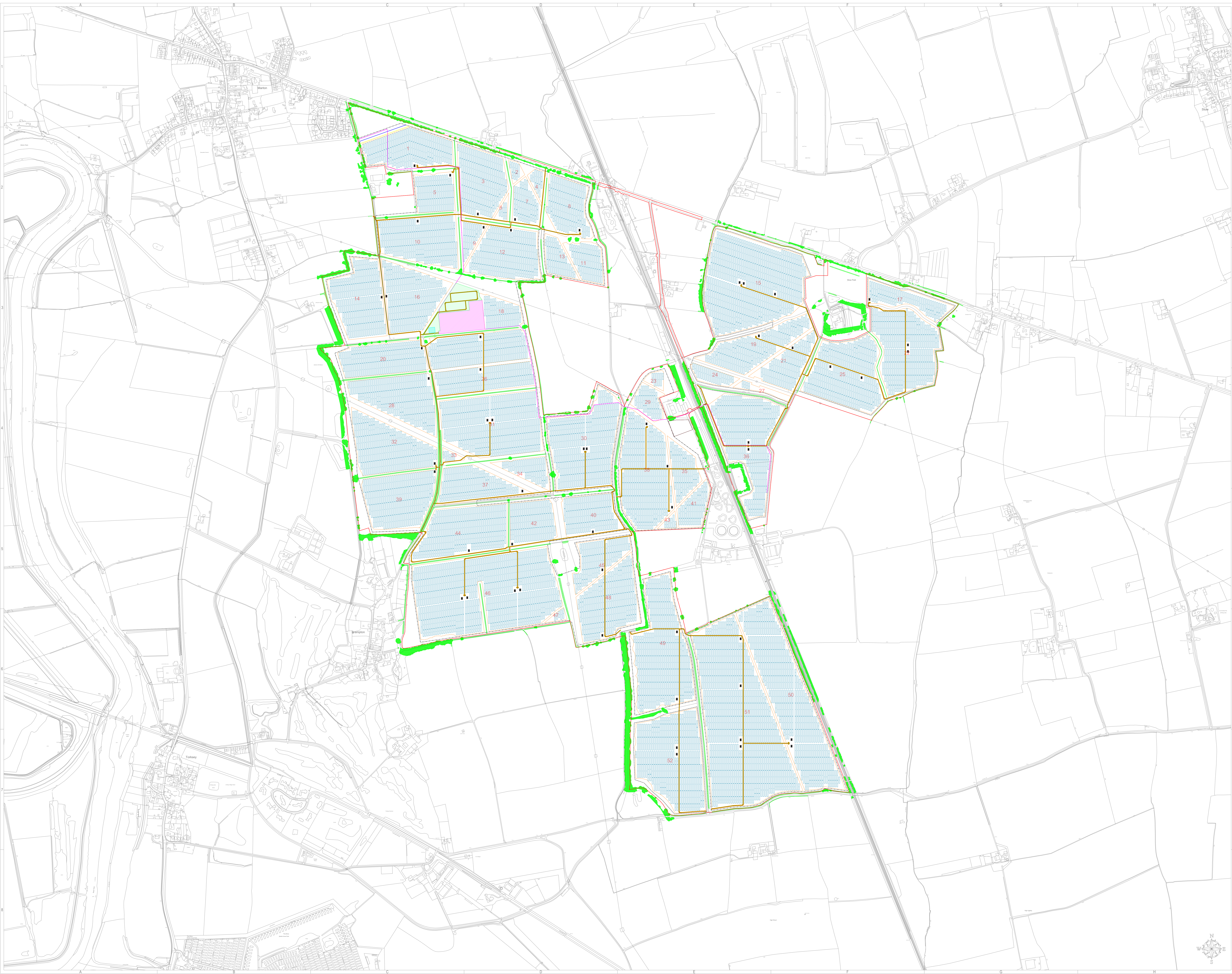
St Mary's Church, 3 Church Rd, Stow, Lincoln LN1 2DE

If you have any questions regarding this information, or if you need help accessing any of our materials, please contact us through the details provided above. You can also call our team on 0808 169 1858.

Yours faithfully,

West Burton Solar Project

4 West Burton Targeted Consultation Illustrative Layout of West Burton 3



General Legend:	
	Order Limits
	Fence
	Development Area
	Mounting Structure and Solar PV Modules
	Conversion Units
	Maintenance Tracks
	Electrical Substation
	Battery Energy Storage Area
	Water Supply
	West Burton High Voltage Cable
	Other Scheme's High Voltage Cable
	Gates
	Acoustic Barrier
	CCTV
	Trees Canopy
	Hedge/mw

Project:	West Burton 3 Solar Project																
Project Location:	Land at Bellwood Grange farm, Brampton, LN1 2EG																
Ownership:	West Burton Solar Project Limited																
Document Title:	Illustrative Layout																
Sheet format:	A0 "1189 x 841"																
Scale:	1:5000																
Document amendments:	<table border="1"> <thead> <tr> <th>Version</th> <th>Date</th> <th>Author</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td>v.4</td> <td>24/10/2022</td> <td>A.A.</td> <td>Illustrative Layout</td> </tr> <tr> <td>v.5</td> <td>09/11/2022</td> <td>A.A.</td> <td>Updated Track</td> </tr> <tr> <td>v.6</td> <td>18/11/2022</td> <td>A.A.</td> <td>Revised Red Line Boundary</td> </tr> </tbody> </table>	Version	Date	Author	Comments	v.4	24/10/2022	A.A.	Illustrative Layout	v.5	09/11/2022	A.A.	Updated Track	v.6	18/11/2022	A.A.	Revised Red Line Boundary
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Company:	Island Green Power UK Limited Unit 20.2, Coda Studios 189 Munster Road, London SW6 6AW																

