
From: Manuel, John <John.Manuel@lincs.police.uk>
Sent: 17 August 2023 08:55
To: _planningadvice
Subject: H09-0699-23 Caudwell Farm Holbeach St Matthews (Solar Array)
Attachments: No Objs Caudwell Fm Holbeach St Matthews (49.9MW Solar Array) jm 08.23.docx

Caution: This message originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe. If you believe it is suspicious please forward to Suspicious.Emails@pspsl.co.uk and delete the email.

Please note attached response for your records,

Regards,

John

John Manuel MA BA (Hons) PGCE PGCPD Dip Bus.

Force Designing Out Crime Officer (DOCO)

CRIME PREVENTION & PARTNERSHIPS



01522 55 8292 [07570099424](tel:01522558292)

Force john.manuel@lincs.police.uk

Police Headquarters PO Box 999, Lincoln LN5 7PH (Sat Nav: LN2 7PH)

www.lincs.police.uk



[@LincsPolice](https://twitter.com/LincsPolice)



[Lincolnshire Police](https://www.facebook.com/LincolnshirePolice)



[@LincsPolice](https://www.instagram.com/LincsPolice)



nextdoor.co.uk



PLEASE NOTE: We are a Microsoft Office Site. Please make sure that files you send can be read in this format. The information contained in this email is confidential and is intended for the addressee(s) only. Any attachments to this message contain information from Lincolnshire Police, which is confidential or privileged. The copyright in the contents of this message and any attachments is the property of Lincolnshire Police, and any unauthorised

reproduction or disclosure is contrary to the provisions of the Copyrights, Designs and Patents Act 1988. If you have received this message in error or there are any problems, please notify the originator immediately. The unauthorised use, disclosure, copying or alteration of this message is strictly forbidden. Lincolnshire Police is not responsible for the content of this message. Individuals are responsible for messages transmitted under their user ID and their compliance with the law. This message and any attachments have been scanned for viruses. Lincolnshire Police will not be liable for direct, special, indirect or consequential damages arising from alteration of the contents of this message or as a result of any virus being passed on.



Your Ref: H09-0699-23

17th August 2023

Our Ref: PG//

South Holland District Council
Council Offices
Priory Road
Spalding
PE11 2XE

H09-0699-23

FULL

Erection of a 49.9MW Ground Mounted Solar Array with Associated Underground Cable Route, Substation with POC Mast, Battery Storage and Ancillary Equipment & Structures

Caudwell Farm Holbeach St Matthews

Lincolnshire Police do not have any objections to this application.

I would make the following comments and recommendations in relation to this application.

Solar Farms or Solar Parks have over recent years have been subject of some significant thefts of the installed solar panels with replacement costs often more than £40,000.

It is noted the security arrangements that have been included and my comments are for the purpose of clarity and detail.

Fencing and Boundary Treatment.

Land selected should aim to avoid affecting the visual aspect of landscapes, maintain the natural beauty and should be predominantly flat, well screened by hedges, tree lines, etc. and not cause undue impact to nearby domestic properties or roads. *(BRE. Planning guidance for the large-scale ground mounted solar PV systems)*

I would recommend that the boundary fence is to a minimum of LPS 1175 level 3 and to a height of 2.4 metres or to the current UK Government standard, SEAP (Security Equipment Approval Panel) class 1-3.

The use of 2.4 metre welded mesh fencing (in green) would be the most unobtrusive method of providing a secure perimeter border. All gated entrances should be secured with commensurate and gated access systems.



The NFU Mutual recommends good perimeter security fencing for all solar installations along with CCTV, motion sensors and infrared beams, depending on location. It also recommends panels are secured to frames with unique fastenings, requiring special tools – much like alloy wheel bolts?

Monitored CCTV System.

Whilst considering the often-isolated locations that Solar Farms are to be installed the installation of a remotely **monitored** with motion detection CCTV system is an effective deterrent and is most likely to provide effective evidence should a crime occur.

Installers of remotely monitored detector activated CCTV systems will comply with all of the following standards and guidelines:

- NPCC Security Systems Policy
- BS 8418 Installation and remote monitoring of detector activated CCTV systems – Code of Practice
- BS EN 50132-7: CCTV Application guidelines

RVRCs monitoring detector activated CCTV systems will conform to all of the following standards:

- BS 5979 (Cat II):
- BS 8418: Installation and remote monitoring of detector activated CCTV systems – Code of Practice

There will probably be little reward in deploying CCTV or other defence unless it is monitored in some way or can provide an instant alert in some form.

Physical security of panels.

It has been identified that individual panels can be easily removed from the aluminium frames which are usually secured by a small bracket which is in turn secured by an alum key. Whilst aluminium can itself be easily forced the use of an additional security bracket may help reduce the ease by which panels can be removed adding to the time that a criminal would need to remove panels increasing the risk to offenders.

Whilst not intending to draw attention to a solar farm the effective use of signage to act as an informative deterrent may also be considered.

I would ask that the applicant considers a perimeter alarm system now we are aware that these sites are attracting criminal interest.

There have also been several incidents where crimes have been committed on power transmission sites with some offenders risking their lives after targeting live cabling.

Use of Defensive Ditches and Berms (Bunds)

Landscaping techniques such as ditches and berms (bunds) may also be appropriate in some instances. To be effective in stopping vehicles these need to be designed carefully. Police can provide further specific advice in relation to the design of such defences upon request. There should be a minimum number of vehicular access points onto site, ideally only one.

Use of Natural Features and Vegetation.

The development will need to have regard in both its design layout, and future maintenance plans for the retention of growth of vegetation on these important boundaries, including the opportunity for trees within the boundaries to grow on to maturity.

The use of natural vegetation as a feature should not compromise the benefit of clear and unobstructed natural and formal (CCTV System) surveillance.

Existing hedges and established vegetation, including mature trees, should be retained wherever possible.

Please do not hesitate to contact me should you need further information or clarification.

Crime prevention advice is given free without the intention of creating a contract. Neither the Home Office nor the Police Service takes any legal responsibility for the advice given. However, if the advice is implemented it will reduce the opportunity for crimes to be committed.

Yours sincerely

John Manuel

Mr John Manuel MA BA (Hons) PGCE PGCPD Dip Bus.
Designing Out Crime Officers

