Ling Hall Solar Farm

CCTV Planning Condition 11

May 2017
## REVISION HISTORY

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APPENDICES.

Appendix A  
Appendix B
1. Introduction

1.1 This Document has been prepared by Christopher Lord on behalf of REG Ling Hall Solar Ltd to discharge Condition 11 of Planning Permission RBC/14CM029 at Ling Hall Landfill Site, Coalpit Lane, Rugby, CV23 9HH.

1.2 Condition 11 of Planning Permission RBC/14CM029 requires: The development hereby permitted shall not be commenced until full details of the CCTV provision have been submitted to and approved in writing by the LPA. The details shall include the siting and the technical specification details of the cameras, direction of view and their external appearance/colour. The development shall accord with these approved details.

2. CCTV

2.1 This document identifies the elements of the CCTV system which are required by the Condition:
- Siting;
- Technical Specification;
- Direction of view; and
- External appearance and colour.

3. Siting

3.1 The CCTV cameras will be located around the perimeter of the two areas of solar panel arrays. They will be located within but close (circa 2.5m distant) to the enclosure of the security fence surrounding the arrays (see Appendix B).

3.2 The CCTVs will be mounted on posts up to 3m tall at a spacing between cameras of approximately 50m.

4. Technical Specification

4.1 The CCTV system will include an infrared and/or thermal imaging capability to allow them to operate successfully day and night without the need for site lighting.
4.2 The CCTV system will be equipped with motion sensors to allow them to respond to movement within their field of view.

4.3 The CCTV system will comprise a surveillance system able to detect unwanted intruders entering the plant and raising an alarm over the internet to alert the operators of the site.

5. **Direction of View**

5.1 The CCTV will be orientated to look along the line of the fence enclosing the solar array to detect and record any activity at the fence line in order to provide the security required.

5.2 This orientation of the cameras will ensure the privacy of the very limited number of adjacent properties which have sight lines to the solar arrays.

6. **External Appearance and Colour**

6.1 The CCTV will be enclosed within small (up to approximately 400mm long and 200mm diameter) rectangular or cylindrical housing as shown in Appendix A.

6.2 The housings will be of a pale colouration to ensure that the presence of the CCTV is evident to anyone looking at the posts supporting them.

6.3 The CCTV posts may also support a motion sensor of the type shown in Appendix A.

6.4 The posts supporting the CCTV will have a small enclosure mounted near the base to house the CCTV connections, power supply and any switching.

7. **Conclusions**

7.1 To summarise, we trust that the methods outlined in this report along with Appendix A, a drawing of the location of the CCTV poles and cameras for the scheme, provide the necessary additional detail needed to allow the Local Planning Authority to discharge planning Condition 11.
APPENDIX A

Example of CCTV Installation at Solar Array
APPENDIX B

LH004 Site Design Plan showing CCTV
SITE DESIGN PLAN
SCALE 1:10000

INSTALLED CAPACITY
BASIS FOR PLAN
TECHNOLOGY
MODULE
INVERTER
LATITUDE
ROW TO ROW GAP
MODULE TILT
REDLINE BOUNDARY

41.7 ha
4.31m to 13.74m

4.31m to 13.74m
12 MWp
OSMap
CRYSTALLINE
14x CENTRAL INVERTERS

PROJECT:

ARRAY
INVERTER-TRANFORMER STATION
FENCE
NEW CONSTRUCTION ROADS

LEGEND

CCTV CAMERA 3m
ACCESS GATE
CONSTRUCTION COMPOUND

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PART NO.

PRELIMINARY DESIGN LAYOUT

ADDITION OF SUBSTATION

REDUCED CCTV CAMERAS

WITH DNO AND CLIENT SWITCHING STATIONS CHANGED

LATITUDE 32.35 N, -119.7 W
DECLINE BOUNDARY 4.31m to 13.74m
ROW TO ROW GAP 4.31m to 13.74m
MODULE TILT 20°
INSTALLED CAPACITY 12 MWp

BASIS FOR PLAN OSMap
TECHNOLOGY CRYSTALLINE
MODULE 14x CENTRAL INVERTERS

PLANNING