Submission ID: [redacted]

I have been asked to show map of where my field drainage is affected by Limedown D. The field in question was originally joined as one field with the field of Solar panels and was drained as one field. The drainage water goes I assume to water coarse beyond solar fields on Court Farm.
I have attached 1. Limedown map of Solar site D,
2. My field plan map showing affected field (field1842) and 3. Limedown's own Geo physical survey map showing field drains field in question is F150 on this map.

6.4 Lime Down D Indicative Site Layout

20

Site B

A 400kv substation is proposed as being located in Lime Down D. Acting as a hub collecting the electricity from the 132kv substations located on Lime Down A, C and E, to increase its voltage so it could then be exported via underground cables to Melksham Substation from where it would be distributed across the electricity system to homes and businesses.

Norton

Additional native tree and ground cover planting will be provided alongside existing watercourses to improve ecological corridors from view.

Green corridors would be created across the site, with trees and hedgerows being layered to maintain and protect views.

New hedgerows will be planted across the site to provide additional screening, enhance existing and create new habitat, and improve the landscape.

Existing tree and hedgerows along roads will be strengthened with additional planting.

These fields would be excluded from development for the purpose of maintaining views from the Public Rights of Way.

Habitat corridors would be created between existing ponds.

Site C

These fields will be retained for habitat and to provide open areas for species, such as ground nesting birds.

Isolated trees will be connected by corridors to existing natural features.

A429

Hullavington

What is a Battery Energy Storage System (BESS) ?

A BESS is designed to provide storage for energy in large batteries. The BESS proposed for this Project would provide an important balancing service for the national grid. It would store excess electricity generated by the solar PV panels or excess energy in the grid when demand is low, releasing it back onto the grid at times of higher demand when its needed most.

0 km 0.25 km 0.5 km

The BESS proposed as part of the Project would be located on one or two areas located in Lime Down D, and at least 450 metres away from property. The total area required to accommodate a BESS is 10.5 ha (25 acres).

The BESS compound will be secured by 3-metre-high palisade fencing, with CCTV cameras for added security.

Batteries would be housed in individual shipping-style containers, each approximately 16 metres long, 3 metres wide, and no more than 3.2 metres high. The exact number of containers is still to be determined, but the Project could include up to 270. Each container will be equipped with fire detection and an automatic fire extinguisher system.

More information

This is an indicative layout for the purposes of statutory consultation. The areas and features shown are subject to change based on environmental assessment, design development and feedback.

A detailed indicative masterplan can be found in **PEIR Volume 2, Figure 8-15-4 Indicative Masterplan Lime Down D.**

Key

- Solar development
- 400kv substation location
- BESS location options
- Cable Route Search Corridor
- Other solar development sites
- Site access

Proposed mitigation / enhancement

- Green corridors to enable species movement
- Reinforced road site screening
- New hedgerow
- Existing hedgerow reinforcement
- Biodiversity and habitat enhancement areas
- Riparian corridor

Existing infrastructure & landscape features

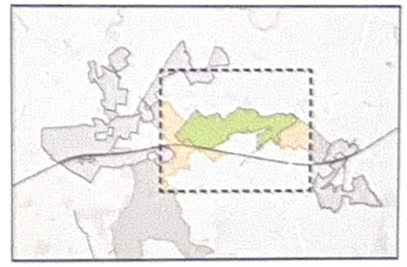
- Watercourses
- Existing woodland and ancient woodland
- Public Rights of Way
- Railway line

Site Overview

Total area: **213 ha** (526 acres)

- Solar development area: 131 ha (324 acres)
- BNG, environment and offsets: 82 ha (202 acres)

61% 39%



391500

391000

A429

5597

4209

1101

2826

1842

SLOPE

PART OF LIMEDOWN

DRAINAGE WATER CROSSES THESE SOLAR FIELDS

N

F150

F

U1

F151

F1

P8

F152

A2

F153

Title

Interpretation

SECTOR BOUNDARY

SCALE BARS/ TIES

FERROUS

MAGNETIC DISTURBANCE

BOGS & FURROW

AGRICULTURE

GEOLOGY

UNCERTAIN

ARCHAEOLOGY

ARCHAEOLOGY

X ID: FFA2_MK(S2)

magnetometer data, Sector 6

Fig 26

50m

1:1500 @ A2

391000

391500

A429

5597

4209

1101

2826

1842

SLOPE

PART OF LIMEDOWN LN.

DRAINAGE WATER CROSSES THESE SOLAR FIELDS

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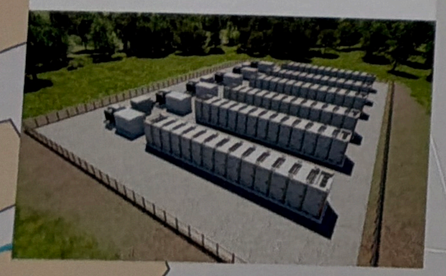

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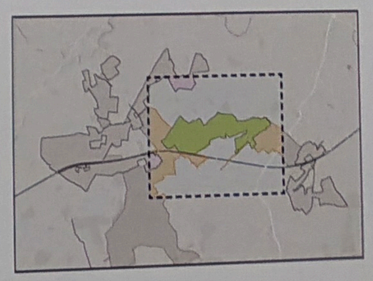

N

F150

F

U1

F151

F152

F153

F1

P8

A2

836m

834m

832m

830m

910m

912m

914m

Title

Interpretation

SECTOR 5 TOPOGRAPHY

SOLAR PANEL AREAS

FERROUS

MAGNETIC DISTURBANCE

RIDGE & FURROW

AGRICULTURAL

GEOLOGY

UNCERTAIN

ARCHAEOLOGY

ARCHAEOLOGY

ID: XX62_MKS23

magnetometer data: Sector 5

Fig. 26

0 50m

1:1500 @ A2