

Temporary Construction  
Compound for Substation

Dry Deck Cable Bridge - See  
Drawing BYLOO-DR-047

Refer to submitted Landscape  
Mitigation Plan for extent of  
hedgerow removal/planting

L3050

Option B relates to a 220kV AIS  
Substation and 220kV HV  
Underground Cable Grid  
Connection

Consented Ballyloo Solar Farm

| Label  | Equipment Description        |
|--------|------------------------------|
| SA     | Surge Arrester               |
| LCC    | Local Control Cabinet        |
| DT/DEM | Transformer/Earth Disconnect |
| VT     | Voltage Transformer          |
| CT     | Current Transformer          |
| CB     | Circuit Breaker              |
| LM     | Lighting Mast                |
| LS     | Lamp Standard                |
| BS     | Busbar Support               |
| CSE    | Cable Seal End               |
| TP     | Telecoms Pole                |
| DG     | Diesel Generator             |
| HOT    | House Transformer            |
| NER    | Neutral Earthing Resistor    |
| PI     | Post Insulator               |

Notes

All dimensions in meters unless otherwise noted. Do not scale from drawings, use figured dimensions only.

Drawings based on OSI digital vector mapping for the area. License No: CYAL50408714

The Ballyloo Solar Farm and ancillary infrastructure shown outside of the Development Site Boundary does not form part of the SID application. An Coimisiún Pleanála and is shown here for reference purposes only.

Drawings are for planning only and should not be used for detailed design. The detailed design will be subject to EirGrid approval based on their latest specification at the time, and equipment dimensions/sittings may vary once the exact specifications are determined.

Legend

- Development Site Boundary
- Landowner Boundary
- HV Underground Grid Connection Cable
- Access Track
- Cut Area
- Fill Area
- Ballyloo Solar Farm Panels
- Site Notice Location

Design Team

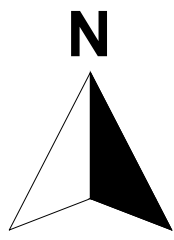
Prepared By: Terra Solar Developments  
Reviewed By: ARG Grid Solutions



Revisions

| REV | DATE       | DESCRIPTION         |
|-----|------------|---------------------|
| 0   | 13.06.2025 | Draft               |
| 1   | 05.09.2025 | Draft               |
| 2   | 28.10.2025 | Issued for Planning |

Drawn By: RH  
Approved By: MMC



Summary

**Project**  
Ballyloo Substation & Grid Connection

**Location**  
Ballyloo, Co. Carlow

**Title**  
Substation Option B - 220kV AIS Substation Site Layout Plan

**Drawing Number**  
BYLOO-DR-003

**Scale**  
1:500 @ A1

Ballyloo Solar Farm Limited  
Commercial House  
Millbank Business Park  
Lucan  
Co. Dublin