

Label	Equipment Description	Notes
SA	Surge Arrester	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
LCC	Local Control Cabinet	
DT/DEM	Transformer/Earth Disconnect	
VT	Voltage Transformer	
CT	Current Transformer	
CB	Circuit Breaker	The Ballyloo Solar Farm and ancillary infrastructure shown outside of the Development Site Boundary does not form part of the SID application. An Coimisiun 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.
LM	Lighting Mast	
LS	Lamp Standard	
BS	Busbar Support	The 220kV GIS substation is based on EirGrid Drawing XDN-LAY-ELV-STND-F-005-R00
CSE	Cable Seal End	
TP	Telecoms Pole	
DG	Diesel Generator	Legend
HOT	House Transformer	
NER	Neutral Earthing Resistor	
PI	Post Insulator	

- 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

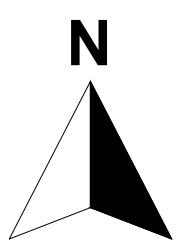
Prepared By: Terra Solar Developments
Reviewed By: ARG Grid Solutions



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 C - 220kV GIS Substation Site Layout Plan

Drawing Number
BYLOO-DR-004

Scale
1:500 @ A1

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