



Label	Equipment Description
SA	Surge Arrester
DT/DEM	Transformer/Earth Disconnect
VT	Voltage Transformer
CT	Current Transformer
CB	Circuit Breaker
LM	Lighting Mast
LS	Lamp Standard
CSE	Cable Seal End
DG	Diesel Generator
HOT	House Transformer
NER	Neutral Earthing Resistor

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: CYAL50438614

The Drumdowney Solar Farm and ancillary infrastructure shown outside of the Development Site Boundary is subject to a separate planning application to Kilkenny County Council (2560391). It 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/sitings may vary once the exact specifications are determined.

This 110kV GIS substation is based on EirGrid Drawing XDN-LAY-ELV-STND-H-012 Rev 01.

Legend

- Development Site Boundary
- Landowner Boundary
- 110kV Underground cables
- Section of 110kV Line to be Decommissioned
- Access Track
- X Site Notice Location

Revisions

REV	DATE	DESCRIPTION
0	13.10.2025	Draft
1	24.11.2025	Draft
2	27.11.2025	Draft
3	08.12.2025	Issued for Planning

Drawn By: RH
 Approved By: MMC

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Summary

Project
Drumdowney Substation & Grid Connection

Location
Rathpatrick, Co. Kilkenny

Title
110kV GIS Substation Site Layout Plan

Drawing Number
DRMDY-DR-001A

Scale
1:500 @ A1

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

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