



DRAWING NUMBER	TITLE
60641561-DWG-721	HV CABLE CROSS SECTIONS-LAYOUT
60641561-DWG-722	CROSS SECTIONS 1 & 2
60641561-DWG-723	CROSS SECTION 3
60641561-DWG-731	CROSS SECTION 4

AECOM

PROJECT

PROJECT CIRRUS

CLIENT

HUNTSTOWN POWER
COMPANY LTD.

enērgia

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LEGEND

- PLANNING BOUNDARY
- EXISTING CORDUFF AND FINLAS 220 KV CABLES
- SUBSTATION ROAD
- 220 KV TRANSFORMER CABLES
- 20 KV TRANSFORMER CABLES
- 220 KV HUNTSTOWN GENERATOR CABLES
- FINLAS & CORDUFF 220 KV CABLES
- 220 KV CABLE JOINT BAY

NOTES

- DRAWINGS ARE INDICATIVE ONLY AND SHOULD NOT BE USED FOR DETAILED DESIGN;
- THE EIRGRID SUBSTATION IS BASED ON THE LATEST EIRGRID STANDARD (01-09-2020) AND IS SUBJECT TO CHANGE BY EIRGRID. EIRGRID DRAWING REFERENCE XDN-LAY-ELV-STND-F004;
- THE EQUIPMENT LAYOUTS ARE INDICATIVE AND DIMENSIONS MAY CHANGE ONCE THE EXACT SPECIFICATIONS ARE DETERMINED;
- HV CABLE INSTALLATION ARRANGMENT WITHIN CUSTOMER COMPOUND ASSUMED DIRECT BURIED FROM DEMARCATION FENCE TO CABLE SEALING ENDS. FURTHER DISCUSSION ON THIS REQUIRED INCLUDING A REVISED CABLE AMPACITY STUDY ONCE SPECIFIC DETAILS CONFIRMED;
- UNIT SUB CONNECTION POINT TO BE CONFIRMED DURING DETAILED DESIGN STAGE
- CSE TO GIB INTERFACE.

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P3	03/09/2021	FOR PLANNING
P2	30/07/2021	REVISED COMMENTS
P1	28/06/2021	ENGINEERING DRAWING
P0	04/06/2021	ENGINEERING DRAWING

STATUS

FOR PLANNING

PROJECT NUMBER SCALE

60641561 1:400 @ A1

SHEET TITLE

MOORETOWN 220 KV SUBSTATION
HV CABLE CROSS SECTIONS
SHEET 1 OF 4
LAYOUT

SHEET NUMBER REV

60641561-DWG-721 P3

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