

Our ref: IE000544



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## Schedule of Documentation

### 1. Planning (RPS)

- Cover Letter to An Coimisiún Pleanála (ACP)
- SID Application Form
- Planning Application Fee Proof of Payment (included in ACP copies only)
- Site Notice (erected on 3<sup>rd</sup> December 2025)
- Newspaper Notice (text)
- Newspaper Notice (as published on the Irish Daily Star on 3<sup>rd</sup> December 2025)
- EIAR Portal Confirmation
- 2 no. letters of Consent from Kildare County Council
- Letter of Consent from landowner (Richard Deacon)
- Schedule of Prescribed Bodies
- Prescribed Body Cover Letters
- Schedule of Documentation
- SID Planning Report
- Spatial Data (digital copies only)

### 2. Architecture (RKD)

- Architectural Design Statement
- Proposed Substation Compound - Schedule of Areas
- The following Architecture Drawings:

Architecture Drawings			
Drawing no.	Drawing Title	Size	Scale
22217-RKD-ZZ-ZZ-DR-A-1050	Site Location Map	A1	1:2500
22217-RKD-ZZ-ZZ-DR-A-1051	Existing Site Context Plan	A0	1:1000
22217-RKD-ZZ-ZZ-DR-A-1055	Proposed Site Context Plan	A0	1:1000
22217-RKD-ZZ-ZZ-DR-A-1060	Existing Substation Compound Layout	A0	1:500
22217-RKD-ZZ-ZZ-DR-A-1061	Existing Substation Compound Sections	A1	1:200
22217-RKD-ZZ-ZZ-DR-A-1062	Existing Substation Compound Elevations	A1	1:200

22217-RKD-ZZ-ZZ-DR-A-1063	Proposed Site Layout Plan	A0	1:500
22217-RKD-ZZ-ZZ-DR-A-1064	Proposed Substation Compound Sections	A1	1:200
22217-RKD-ZZ-ZZ-DR-A-1065	Proposed Substation Compound Elevations	A1	1:200
22217-RKD-ZZ-ZZ-DR-A-1066	Proposed GIS Building - Ground & First Floor Plan	A1	1:100
22217-RKD-ZZ-ZZ-DR-A-1067	Proposed GIS Building - Roof Plan	A1	1:100
22217-RKD-ZZ-ZZ-DR-A-1068	Proposed GIS Building - Sections	A1	1:100
22217-RKD-ZZ-ZZ-DR-A-1069	Proposed Proposed GIS Building - Elevations (Sheet 1 of 2)	A1	1:100
22217-RKD-ZZ-ZZ-DR-A-1070	Proposed GIS Building – Elevations (Sheet 2 of 2)	A1	1:100
22217-RKD-ZZ-ZZ-DR-A-1071	Proposed MV Room	A1	1:100
22217-RKD-ZZ-ZZ-DR-A-1072	Proposed Substation Compound Fence Details	A0	As Shown

### 3. Landscape & Arboriculture (BSM)

- Landscape Design Statement
- The following Landscape & Arboriculture Drawings:

Landscape & Arboriculture Drawings			
Drawing no.	Drawing Title	Size	Scale
BSM-ZZ-ZZ-DR-L-0302	Proposed Landscape Context Masterplan - SID Area	A0	1:1000
BSM-ZZ-ZZ-DR-L-0303	Proposed Landscape Plan – SID Area	A0	1:500
BSM-ZZ-ZZ-DR-L-0304	Landscape Sections and Elevations SID	A0	As Shown
BSM-ZZ-ZZ-DR-L-0301	For information - Landscape Masterplan for Data Centre Site	A0	1:1000

### 4. Engineering (HDR & DOBA)

- Planning Engineering Report ESB Substation
- 110kV Grid Substation and Transmission Line Report
- The following Engineering Drawings:

Engineering Drawings			
Drawing no.	Drawing Title	Size	Scale
2232-DOB-ZZ-ZZ-DR-C-0250	Proposed Surface Water Drainage - SID Area	A0	As Shown
2232-DOB-ZZ-ZZ-DR-C-0350	Proposed Foul & Watermain Layout - SID Area	A0	As Shown

2232-DOB-ZZ-ZZ-DR-C-1001	Proposed Typical Drainage Details SID Area	A0	As Shown
10360452-HDR-XX-02-DR-C-112250	Campus Road Layout	A0	1:1000
10360452-HDR-XX-02-DR-C-112330	Swept Path Analysis Rigid Vehicle	A0	1:1000
10360452-HDR-XX-02-DR-C-112340	Swept Path Analysis Fire Tender	A0	1:1000
10360452-HDR-XX-02-DR-C-112370	Swept Path Analysis 500ton Crane	A0	1:1000
10360452-HDR-XX-02-DR-C-112380	Swept Path Analysis Low Loader Transporter Vehicle	A0	1:1000
10360452-HDR-XX-02-DR-E-611000	New Line/Cable Interface Tower Details	A0	1:50
10360452-HDR-XX-XX-DR-E-611001	HV Site Layout	A0	1:1000
10360452-HDR-XX-XX-DR-E-611002	Existing Pylons to Be Removed / Replaced	A0	1:1000
10360452-HDR-XX-XX-DR-E-611004	Proposed Alteration to Existing Line/Cable Interface Tower Details	A0	1:50

## 5. Environment (RPS)

- Appropriate Assessment Screening Report
- Natura Impact Statement (NIS)
- Environmental Impact Assessment Report (EIAR) (format as shown in **Table 1**)
- EIAR Addendum (format as shown in **Table 2**)
- Account of Accompanying Environmental Impact Assessment and Appropriate Assessment Material

**Table 1: EIAR Format**

EIAR
Non-Technical Summary
Non-Technical Summary
Volume 1 Main Text
Chapter 1: Introduction and need for EIAR
Chapter 2: Alternatives
Chapter 3: Project Scoping and Consultation
Chapter 4: Description of the Project and Need for the Project
Chapter 5: Biodiversity

## EIAR

Chapter 6: Lands and Soils

Chapter 7: Water and Hydrology

Chapter 8: Air Quality

Chapter 9: Noise and Vibration

Chapter 10: Cultural Heritage

Chapter 11: Landscape and Visual

Chapter 12: Traffic and Transportation

Chapter 13: Material Assets – Built Services

Chapter 14: Population

Chapter 15: Human Health

Chapter 16: Climate Change

Chapter 17: Cumulative Effects and Interactions

Chapter 18: Summary of Mitigation

## Volume 2 Technical Appendices

Appendix 1.1: An Bord Pleanála Section 182A Determination

Appendix 1.2: Gas Networks Ireland Infrastructure Upgrade Outline Report

Appendix 1.3: Herbata Data Centre Sources of Energy Report

Appendix 3.1: Fire Hazard Analysis Report

Appendix 4.1: Data Centre Application - Architectural Design Statement

Appendix 4.2: Data Centre Application - Planning Engineering Report

Appendix 4.2 A: Drawing Register

Appendix 4.2 B: Site Investigation Report

Appendix 4.2 C: KCC Water Services Department Meeting Notes

Appendix 4.2 D: Surface Water Attenuation Calculations

Appendix 4.2 E: Uisce Eireann Confirmation of Feasibility Letter

Appendix 4.2 F: Fire Hydrant Flow Simulation Testing

Appendix 4.2 G: Correspondence with KCC Roads Department

Appendix 4.2 H: Foul Drainage Network Calculations

## EIAR

Appendix 4.2 I: Sabre Electrical Lighting Design for R409

Appendix 4.2 J: Road Safety Audit

Energy Efficiency and Climate Change Adaptation Design Statement

Mobility Management Plan

Cut and Fill Analysis Report

Lighting Assessment

Construction Environmental Management Plan

Construction Traffic Management Plan

Appendix 4.7: Resource and Waste Management Plan

Appendix 4.8: Operational Waste Management Plan

Energy Policy Compliance Report

Appendix 4.10: Feasibility Assessment - District Heating

Appendix 4.11: Substation Application – Architectural Design Statement

Appendix 4.12: Substation Application – Planning Engineering Report

Appendix 4.12 A: Drawing Register

Site Investigation Report

Appendix 4.12 C: Qbar Calculations

Appendix 4.12 D: Surface Water Calculations

Appendix 4.12 E: Uisce Eireann Confirmation of Feasibility Letter

Appendix 4.12 F: Fire Hydrant Flow Simulation Testing

Appendix 4.13: 110kV Grid Substation and Transmission Line Report

Appendix 5.1: National Biodiversity Data Centre Records

Appendix 5.2: Ecological Survey for Bats

Appendix 5.3: Appropriate Assessment Screening Report

Appendix 8.1: Detailed Dispersion Model Inputs and Outputs

Appendix 9.1: Baseline Noise Monitoring Survey

Appendix 9.2: Construction and Operational Noise Sensitive Receptors

Appendix 9.3: Construction Noise Assessment

Appendix 9.4: Noise Propagation Modelling Inputs and Results

## EIAR

Appendix 10.1: Photographic Record

Appendix 10.2: Cultural Heritage Inventories

Appendix 11.1 Data Centre Application - Landscape Statement

Appendix 11.2 Substation Application - Landscape Statement

Appendix 11.3 Tree Survey and Arboricultural Impact Assessment Report

Appendix 11.4 Photomontages Part 1

Photomontages Part 2

Photomontages Part 3

Photomontages Part 4

Glint and Glare Assessment

Appendix 12.1: Transport Assessment

Appendix 12.2: Microsimulation Assessment Report

Appendix 16.1: Climate Change Policy Review

Appendix 16.2: Climate Change Risk

Appendix 16.3: Green House Gas Calculations

## Volume 3 Design Drawings and Figures

1. 22217-RKD-ZZ-ZZ-SK-A-0012: Proposed Site Context Plan – KCC and SID Boundary Comparison

2. 22217-RKD-ZZ-ZZ-DR-A-1000: Site Location Map

3. 22217-RKD-ZZ-ZZ-DR-A-1001: Overall Existing Site Plan

4. 22217-RKD-ZZ-ZZ-DR-A-1010: Overall Proposed Site Plan

5. 22217-RKD-ZZ-ZZ-DR-A-1025: Site Demolition Plan

6. 22217-RKD-ZZ-ZZ-DR-A-1030: Site Phasing Plan

7. 22217-RKD-ZZ-00-DR-A-1100: Data Centre - Overall Ground Floor Plan Type A

8. 22217-RKD-ZZ-00-DR-A-1105: Data Centre - Overall Ground Floor Plan Type B

9. 22217-RKD-ZZ-00-DR-A-1110: Data Centre - Overall Ground Floor Plan Type C

10. 22217-RKD-ZZ-01-DR-A-1101: Data Centre - Overall First Floor Plan Type A

11. 22217-RKD-ZZ-01-DR-A-1106: Data Centre - Overall First Floor Plan Type B

12. 22217-RKD-ZZ-01-DR-A-1111: Data Centre - Overall First Floor Plan Type C

## EIAR

13. 22217-RKD-ZZ-RF-DR-A-1102: Data Centre - Overall Roof Plan Type A
14. 22217-RKD-ZZ-RF-DR-A-1107: Data Centre - Overall Roof Plan Type B
15. 22217-RKD-ZZ-RF-DR-A-1112: Data Centre - Overall Roof Plan Type C
16. 22217-RKD-ZZ-ZZ-DR-A-1002: Existing Site Sections - Sheet 1
17. 22217-RKD-ZZ-ZZ-DR-A-1003: Existing Site Sections - Sheet 2
18. 22217-RKD-ZZ-ZZ-DR-A-1017: Proposed Site Sections - Sheet 1
19. 22217-RKD-ZZ-ZZ-DR-A-1018: Proposed Site Sections - Sheet 2
20. 22217-RKD-ZZ-ZZ-DR-A-1019: Proposed Site Boundary Sections - Sheet 1
21. 22217-RKD-ZZ-ZZ-DR-A-1020: Proposed Site Boundary Sections - Sheet 2
22. 22217-RKD-ZZ-ZZ-DR-A-1021: Proposed Site Elevations - Sheet 1
23. 2217-RKD-ZZ-ZZ-DR-A-1022: Proposed Site Elevations - Sheet 2
24. 22217-RKD-ZZ-ZZ-DR-A-1304: Proposed CGIs
25. 22217-RKD-ZZ-ZZ-DR-A-1400: Proposed Boundary and Fence Details
26. 22217-RKD-ZZ-ZZ-DR-A-1401: Entrance Plans and Elevations
27. 2232-DOB-ZZ-ZZ-DR-C-0200: Proposed Surface Water Drainage – Overall
28. 2232-DOB-ZZ-ZZ-DR-C-0220: Proposed R409 Road Surface Water Drainage Layout
29. 2232-DOB-ZZ-ZZ-DR-C-0260: SUDS DETAILS-Masterplan
30. 2232-DOB-ZZ-ZZ-DR-C-0300: Proposed Foul Water Drainage – Overall
31. 2232-DOB-ZZ-ZZ-DR-C-1600: Proposed R409 Road Realignment
32. 2232-DOB-ZZ-ZZ-DR-C-1700: Proposed Culvert Details at M7 Business Park Access
33. 2232-DOB-ZZ-ZZ-DR-C-1800: Proposed Foul Rising Main Stream Crossing
34. 22217-RKD-ZZ-ZZ-DR-A-1050: Site Location Map
35. 22217-RKD-ZZ-ZZ-DR-A-1051: Existing Site Context Plan
36. 22217-RKD-ZZ-ZZ-DR-A-1055: Proposed Site Context Plan
37. 22217-RKD-ZZ-ZZ-DR-A-1060: Existing Substation Compound Layout
38. 22217-RKD-ZZ-ZZ-DR-A-1063: Proposed Substation Compound Layout
39. 22217-RKD-ZZ-ZZ-DR-A-1065: Proposed Substation Compound Elevations
40. 22217-RKD-ZZ-ZZ-DR-A-1069: Proposed ESB Substation - Elevations (Sheet 1 of 2)
41. 22217-RKD-ZZ-ZZ-DR-A-1070: Proposed ESB Substation - Elevations (Sheet 2 of 2)

## EIAR

42. 2232-DOB-ZZ-ZZ-DR-C-1001: Proposed Typical Drainage Details SID Area

43. 2232-DOB-ZZ-ZZ-DR-C-0250: Proposed Surface Water Drainage - SID Area

44. 2232-DOB-ZZ-ZZ-DR-C-0350: Proposed Foul & Watermain Layout - SID Area

45. BSM-ZZ-ZZ-DR-L-0101: Existing Tree Survey 01 of 04

46. BSM-ZZ-ZZ-DR-L-0102: Existing Tree Survey 02 of 04

47. BSM-ZZ-ZZ-DR-L-0103: Existing Tree Survey 03 of 04

48. BSM-ZZ-ZZ-DR-L-0104: Existing Tree Survey 04 of 04

49. BSM-ZZ-ZZ-DR-L-0301: Landscape Masterplan

50. BSM-ZZ-ZZ-DR-L-0311: Landscape Boundary Treatment

51. BSM-ZZ-ZZ-DR-L-0302: Proposed Substation Landscape Plan

52. BSM-ZZ-ZZ-DR-L-0401: Landscape Sections 01 of 02

53. BSM-ZZ-ZZ-DR-L-0402: Landscape Sections 02 of 02

54. BSM-ZZ-ZZ-DR-L-0405: Landscape Elevations 01 of 02

55. BSM-ZZ-ZZ-DR-L-0406: Landscape Elevations 02 of 02

56. 10360452-HDR-XX-XX-DR-C-112250: Campus Road Layout

57. 10360452-HDR-ZZ-02-DR-E-602003: Solar PV Layout

58. 22217-Rkd-Zz-Zz-Dr-A-1402: Bicycle Shelter, Smoking Shelter and Bat Houses Details

Figure 5.1: Biodiversity Study Area

Figure 5.2: Designated Sites

Figure 5.3: Phase 1 Habitat Survey

Figure 5.4: Protected Species

Figure 9.1: Noise Monitoring Locations and Noise-Sensitive Receptors

Figure 9.2: Operational Noise Contour Worst Case Daytime

Figure 9.3: Operational Noise Contour Worst Case NightTime

Figure 10.1: Interpretative image showing results of geophysical surveys

Figure 10.2: Recorded archaeological monuments within 1km of the Project site boundary

Figure 10.3: Location of fulacht fia (KD019-028----) and its Zone of Notification

Figure 10.4: Excerpt from William Petty's map of Kildare, circa 1655

Figure 10.5: Excerpt from Hermann Moll's map of Offaly, Laois and Kildare, 1728



## EIAR

Figure 10.6: Excerpt from Alexander Taylor's A map of the County of Kildare, 1783

Figure 10.7: Extract from the first edition 6-inch OS map d

Figure 10.8: Extract from the 25-inch OS map

Figure 10.9: Extract from aerial imagery

Figure 10.10: Extract from LiDAR

Figure 10.11: RPS and NIAH sites

Figure 10.12: Field numbers used as reference for site inspection

Figure 10.13: Project design showing location of fulacht fia

Figure 10.14: Close up of project design showing location of fulacht fia

Figure 10.15: Project design showing location of the main features (enclosure) identified

Figure 10.16: Close up of project design showing location of the enclosure identified

**Table 2: EIAR Addendum Format**

## EIAR Addendum

### Addendum To Volume I Main Text

Addendum To Chapter 1 Introduction and Need for EIAR Addendum

Addendum To Chapter 4 Description of The Project and Need For The Project

Addendum To Chapter 5 Biodiversity

Addendum To Chapter 9 Noise and Vibration

Addendum To Chapter 10 Cultural Heritage

Addendum To Chapter 11 Landscape and Visual

Addendum To Chapter 12 Traffic and Transportation

Addendum To Chapter 16 Climate Change

### Addendum To Volume 2 Technical Appendices

Appendix 1.1 Kildare County Council Request for Further Information

Appendix 4.1 Revised Architectural Design Statement

Appendix 4.2 Updated Lighting Assessment Report

## **EIAR Addendum**

Appendix 4.3 Updated Energy Policy Compliance Report

Appendix 4.4 Updated Energy Strategy Report

Appendix 4.5 Updated Construction Environmental Management Plan

Appendix 4.6 Updated Construction Traffic Management Plan

Appendix 5.1 Natura Impact Statement

Appendix 9.1 Noise Propagation Model

Appendix 11.1 Photomontages

## **Addendum To Volume 3 Design Drawings and Figures**

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1010-Overall Proposed Site Plan

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1012-Proposed Site Plan B

Drawing No. 22217-RKD-ZZ-00-DR-A-1115-Data Centre - Overall Ground Floor Plan Type D

Drawing No. 10360452-HDR-ZZ-02-DR-E-602003 Site Plan Pv Layout

Drawing No. 10360452-HDR-XX-XX-DR-C-082111 Combined Cycle Gas System Compound

Drawing No. BSM-ZZ-ZZ-DR-L-0301 Landscape Masterplan

Drawing No. BSM-ZZ-ZZ-DR-L-0311 Landscape Boundary Treatments Plan

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1400-Proposed Boundary And Fence Details

Drawing No. 2232-DOB-ZZ-ZZ-DR-C-1600 Proposed R409 Road Vru Improvements

Drawing No. 2232-DOB-ZZ-ZZ-DR-C-0600 Proposed Site Sections

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1300-Data Centre - Overall Proposed Elevations Type A

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1305-Data Centre - Overall Proposed Elevations Type B

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1310-Data Centre - Overall Proposed Elevations Type C

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1315-Data Centre - Overall Proposed Elevations Type D

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1200-Data Centre - Proposed Ga Sections Type A

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1205-Data Centre - Proposed Ga Sections Type B

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1210-Data Centre - Proposed Ga Sections Type C

Drawing No. 22217-RKD-ZZ-ZZ-DR-A-1215-Data Centre - Proposed Ga Sections Type D

Chp 11: Figure 11.1 Viewpoint Location Plan