

A photograph of an offshore wind farm with several white wind turbines on a blue sea under a hazy sky. The text 'codling wind park' is overlaid on the right side of the image.

codling
wind park

A large, stylized white graphic on the left side of the blue background, consisting of several curved, overlapping lines that resemble a stylized 'S' or a series of loops.

Environmental Impact Assessment Report

Volume 4

Appendix 4.2 Preliminary
offshore export cable crossing
schedule



APPENDIX 4.2 PRELIMINARY OFFSHORE EXPORT CABLE CROSSING SCHEDULE

1 Introduction

1. Codling Wind Park Limited (hereafter 'the Applicant') is proposing to develop the Codling Wind Park (CWP) Project, which is located in the Irish sea approximately 13 - 22 km off the east coast of Ireland, at County Wicklow.
2. This appendix forms part of **Chapter 4 Project Description** of the Environmental Impact Assessment Report (EIAR) for the CWP Project.
3. The offshore export cable corridor (OECC) crosses a number of existing assets, as detailed in the preliminary cable crossing schedules in **Tables 1-3** below.

Table 1 Circuit 1 Preliminary offshore cable crossing schedule

Crossing ID	Circuit	KP	Asset Description	Status
Above High Water Mark (HWM)				
C1_1	C1	0+001	Power cable, Dublin Power Up Option G (EirGrid)	OECC crossings with future Dublin PU utilities
C1_2	C1	0+003	Power cable, Dublin Power Up Option H (EirGrid)	OECC crossings with future Dublin PU utilities
Below HWM				
C1_3	C1	0+134	Sewer, Dodder Valley to Ringsend WwTP, 900 mm (Uisce Éireann (UÉ))	OECC crossings with existing utilities
C1_4	C1	0+136	Sewer, Dodder Valley to Ringsend WwTP, 1200 mm (UÉ)	OECC crossings with existing utilities
C1_5	C1	0+158	Power cable, 220 kV (Electricity Supply Board (ESB))	OECC crossings with existing utilities
C1_6	C1	0+969	Gas, Sandyford to Poolbeg, 400 mm (Gas Networks Ireland (GNI))	OECC crossings with existing utilities
C1_7	C1	1+644	Sewer, Dún Laoghaire to Ringsend WwTP, 965 mm (UÉ)	OECC crossings with existing utilities
C1_8	C1	2+773	Power cable, Dublin Power Up Option I (EirGrid)	OECC crossings with future Dublin PU utilities
C1_9	C1	4+526	Telecom cable, ESAT2, (British Telecom (BT))	OECC crossings with existing utilities
C1_10	C1	18+850	Crossing with the indicative zone of intersection with Dublin Array offshore export cables	OECC crossings with future Dublin Array offshore export cables

Table 2 Circuit 2 Preliminary offshore cable crossing schedule

Crossing ID	Circuit	KP	Asset Description	Status
Above HWM				
C2_1	C2	0+002	Power cable, Dublin Power Up Option G (EirGrid)	OECC crossings with future Dublin PU utilities
C2_2	C2	0+004	Power cable, Dublin Power Up Option H (EirGrid)	OECC crossings with future Dublin PU utilities
Below HWM				
C2_3	C2	0+179	Sewer, Dodder Valley to Ringsend WwTP, 900 mm (UÉ)	OECC crossings with existing utilities
C2_4	C2	0+181	Sewer, Dodder Valley to Ringsend WwTP, 1200 mm (UÉ)	OECC crossings with existing utilities
C2_5	C2	0+191	Power cable, 220 kV (ESB)	OECC crossings with existing utilities
C2_6	C2	1+022	Gas, Sandyford to Poolbeg, 400 mm (GNI)	OECC crossings with existing utilities
C2_7	C2	1+852	Sewer, Dún Laoghaire to Ringsend WwTP, 965 mm (UÉ)	OECC crossings with existing utilities
C2_8	C2	3+105	Power cable, Dublin Power Up Option I (EirGrid)	OECC crossings with future Dublin PU utilities
C2_9	C2	4+149	Telecom cable, ESAT2, (BT)	OECC crossings with existing utilities
C2_10	C2	18+600	Crossing with the indicative zone of intersection with Dublin Array offshore export cables	OECC crossings with future Dublin Array offshore export cables

Table 3 Circuit 3 Preliminary offshore cable crossing schedule

Crossing ID	Circuit	KP	Asset Description	Status
Above HWM				
C3_1	C3	0+002	Power cable, Dublin Power Up Option G (EirGrid)	OECC crossings with future Dublin PU utilities
C3_2	C3	0+004	Power cable, Dublin Power Up Option H (EirGrid)	OECC crossings with future Dublin PU utilities
Below HWM				
C3_3	C3	0+203	Sewer, Dodder Valley to Ringsend WwTP, 900 mm (UÉ)	OECC crossings with existing utilities
C3_4	C3	0+205	Sewer, Dodder Valley to Ringsend WwTP, 1200 mm (UÉ)	OECC crossings with existing utilities
C3_5	C3	0+215	Power cable, 220 kV (ESB)	OECC crossings with existing utilities
C3_6	C3	1+064	Gas, Sandyford to Poolbeg, 400 mm (GNI)	OECC crossings with existing utilities
C3_7	C3	2+199	Sewer, Dún Laoghaire to Ringsend WwTP, 965 mm (UÉ)	OECC crossings with existing utilities
C3_8	C3	3+488	Power cable, Dublin Power Up Option I (EirGrid)	OECC crossings with future Dublin PU utilities
C3_9	C3	3+601	Telecom cable, ESAT2, (BT)	OECC crossings with existing utilities
C3_10	C3	17+950	Crossing with the indicative zone of intersection with Dublin Array offshore export cables	OECC crossings with future Dublin Array offshore export cables