



Array Area

Offshore Export Cable Corridor

WTG Layout (Project Option 1)

Study Area

Low Water Mark

High Water Mark

EEZ Boundary

National EEZ (12nm)

Proposed Oriel OWF

Special Areas of Conservation

Nearshore Sites

10m Contour

Bathymetry (m)

0

200

Coastal Types (EMODnet):

Beach that is part of extensive non-cohesive sedimentary systems (barrier, spit, tombolo)

Beach with rocky platform

Erodible rock and/or cliff, with rock waste and sediments (sand or pebbles) at its base

Erosion-resistant rock and/or cliff, without loose eroded material in the fronting sea

Gravel beach fronting upland (> 1 km long)

Muddy coastline, including tidal flat, salt marsh

Pocket beaches (< 200 m long)

Sand beach fronting upland (> 1 km long)

Small beaches

Reduction in Wave Height (m)

-1.6 - -1.55

-1.55 - -1.50

-1.5 - -1.45

-1.45 - -1.40

-1.4 - -1.35

-1.35 - -1.30

-1.3 - -1.25

-1.25 - -1.20

-1.2 - -1.15

-1.15 - -1.10

-1.1 - -1.05

-1.05 - -1.0

-1 - -0.95

-0.95 - -0.90

-0.9 - -0.85

-0.85 - -0.80

-0.8 - -0.75

-0.75 - -0.70

-0.7 - -0.65

-0.65 - -0.60

-0.6 - -0.55

-0.55 - -0.50

-0.5 - -0.45

-0.45 - -0.40

-0.4 - -0.35

-0.35 - -0.30

-0.3 - -0.25

-0.25 - -0.20

-0.2 - -0.15

-0.15 - -0.10

-0.1 - -0.05

-0.05 - 0

NISA

North Irish Sea Array

ARUP GoBe

Project
**North Irish Sea Array
Offshore Wind Farm**

Figure Title
**Wave Height Reduction from
South-South-East**

Job No: 281240	Datum: WGS84 Projection: UTM30N
Date: April 2026	Figure No:
Scale: 1:300,000 @A3	A10.14
Status: Issue	