

Table 3.3 on noise developments/activities

For instructions click on the individual cells.

Development/ activity	Status	Environmental Impact Assessment (EIA)	Strategic Environmental Assessment (SEA)	Monitoring	Additional information	Latitude WGS 84	Longitude WGS 84
--------------------------	--------	---	---	------------	---------------------------	-----------------	---------------------

Table 4.1 on wind farms

Please enter one line per wind farm. For further instructions click on the individual cells.

Name of wind farm	First operational on	Output per turbine (MW)	Number of turbines	How were the individual turbines installed in the seabed?	Was scour protection added?	Noise mitigation used during construction	If the wind farm is floating, how was it anchored?	Additional information
Forthwind Offshore Wind Demonstration Project	12/1/2016	9	2	Pile-driving	No	Other, specify	N/A	Drilled piles; a noise restriction of 80db has been included as a condition of the licence; Additional information here: http://www.gov.scot/Topics/marine/Licensing/marine/scoping
Dudgeon		6	67	Pile-driving	Yes	Multiples of the above, specify	N/A	Noise mitigation: Acoustic deterrent devices, marine mammal observers, passive acoustic monitoring, soft start. Substation foundation jacketed with suction buckets.
Race Bank		6	91	Pile-driving	Yes	Multiples of the above, specify	N/A	Noise mitigation: Acoustic deterrent devices, marine mammal observers, passive acoustic monitoring, soft start. Offshore substations mounted on jacket foundations.
Galloper		6	56	Pile-driving	Yes	Multiples of the above, specify	N/A	Noise mitigation: Acoustic deterrent devices, marine mammal observers, passive acoustic monitoring, soft start. Offshore substations, piled.
Burbo Bank Extension	6/30/2017	8	32	Pile-driving	Yes	Multiples of the above, specify	N/A	Noise mitigation: Acoustic deterrent devices, marine mammal observers, passive acoustic monitoring, soft start.
Rampion		3.45	116	Pile-driving	Yes	Multiples of the above, specify	N/A	Noise mitigation: Marine mammal observers, passive acoustic monitoring, soft start.

Aberdeen Demo		NA	NA	Other, please specify	Unknown	Unknown	N/A	Authorised
Barrow		90	30	Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; operational
Beatrice		664	140	Other, please specify	Unknown	Unknown	N/A	Authorised - 2020
Beatrice Demonstrator Site		10	2	Other, please specify	Unknown	Unknown	N/A	Grounded: Jacket (piled); Decommissioned
Blyth		4	2	Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; Decommissioned
Blyth Demo		NA	NA	Other, please specify	Unknown	Unknown	N/A	Authorised
Burbo Bank		90	25	Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; operational
Burbo Bank Extension		254	32	Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; fully commissioned
Dudgeon		402	67	Other, please specify	Unknown	Unknown	N/A	Under construction - 2017
Firth of Forth		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Galloper		336	56	Other, please specify	Unknown	Unknown	N/A	under construction
Greater Gabbard		504	140	Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; operational

Gunfleet Sands Demo		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Gunfleet Sands I			173	48 Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; operational
Gunfleet Sands II		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Gwynt y Mor			576	160 Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; operational
Humber Gateway			219	73 Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; operational
Hywind 2 Demonstration			30	5 Other, please specify	Unknown	Unknown	N/A	authorised
Inch Cape		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised
Inner Dowsing			97	27 Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; operational
Kentish Flats 1			90	30 Other, please specify	Unknown	Unknown	N/A	Grounded: Monopile; operational
Kentish Flats 2		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Lincs		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
London Array 1		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational

Lynn		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Methil (Samsung) Demo		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Methil Demonstration Project - 2B Energy		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Moray Firth		372	62	Other, please specify	Unknown	Unknown	N/A	application
Navitus Bay Project 1		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Navitus Bay Project 2		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Neart na Gaoithe		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised
North Hoyle		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Ormonde		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Race Bank		580	91	Other, please specify	Unknown	Unknown	N/A	under construction
Rampion (Southern Array)		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Rampion Wind Farm		NA	NA	Other, please specify	Unknown	Unknown	N/A	under construction

Rhyl Flats		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Robin Rigg East		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Robin Rigg West		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Scroby Sands		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Sheringham Shoal		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Teesside		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Thanet		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Triton Knoll			900	288 Other, please specify	Unknown	Unknown	N/A	authorised
Walney 1		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Walney 2		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Walney Extension			750	207 Other, please specify	Unknown	Unknown	N/A	authorised
West of Duddon Sands		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational

Westermost Rough		NA	NA	Other, please specify	Unknown	Unknown	N/A	operational
Z1 MacColl		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised
Z1 Stevenson		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised
Z1 Telford		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised
Z2 SeaGreen Alpha		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised
Z2 SeaGreen Bravo		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised
Z3 Creyke Beck A		1200	200	Other, please specify	Unknown	Unknown	N/A	authorised
Z3 Creyke Beck B		1200	200	Other, please specify	Unknown	Unknown	N/A	authorised
Z3 Teesside (Lackenby) A		1200	200	Other, please specify	Unknown	Unknown	N/A	authorised
Z3 Teesside (Lackenby) B		1200	200	Other, please specify	Unknown	Unknown	N/A	authorised
Z4 Heron East		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised
Z4 Heron West		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised

Z4 Njord		NA	NA	Other, please specify	Unknown	Unknown	N/A	authorised
Z4 Project Four		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Z4 Project Three		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Z4 Project Two		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Z5 East Anglia North Tranche One East		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Z5 East Anglia North Tranche One West		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Z5 East Anglia North Tranche Two (Norfolk Boreas)		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Z5 East Anglia One			714	100 Other, please specify	Unknown	Unknown	N/A	authorised - 2020 connection
Z5 East Anglia One North		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Z5 East Anglia Three			1200	240 Other, please specify	Unknown	Unknown	N/A	application
Z5 East Anglia Two		NA	NA	Other, please specify	Unknown	Unknown	N/A	application
Hornsea Project Four		NA	NA	Other, please specify	Unknown	Unknown	N/A	Pre-planning Application

Hornsea Project One - Heron East		600	120	Other, please specify	Unknown	Unknown	N/A	Under Construction - 2022 connection
Hornsea Project One - Heron West		600	120	Other, please specify	Unknown	Unknown	N/A	Under Construction - 2022 connection
Hornsea Project One - Njord		600	120	Other, please specify	Unknown	Unknown	N/A	Under Construction - 2022 connection
Hornsea Project Three		NA	NA	Other, please specify	Unknown	Unknown	N/A	Pre-planning Application
Hornsea Project Two		900	180	Other, please specify	Unknown	Unknown	N/A	Consented
Walney Extension 3		NA	NA	Other, please specify	Unknown	Unknown	N/A	Under Construction
Walney Extension 4		NA	NA	Other, please specify	Unknown	Unknown	N/A	Under Construction

Table 4.2 on wave power

Please enter one line per wave power installation. For further instructions click on the individual cells.

Name of installation	First operational on	Output per turbine (MW)	Number of turbines	How is the installation anchored?	Was scour protection added?	Additional information
South Pembrokeshire Demonstration Zone						Pre-planning Application
Wave Hub		0	0		Yes	Active/In Operation - Cornwall
Wave Hub Navigational Marker Buoys		0	0		Yes	Active/In Operation - Cornwall
FabTest, Falmouth Bay			1		No	Active/In Operation - Cornwall

Table 4.3 on tidal energy

Please enter one line per tidal energy installation. For further instructions click on the individual cells.

Name of installation	First operational on	Latitude WGS 84	Longitude WGS 84	Output per turbine (MW)	Number of turbines	Type	Collision mitigation	Additional information
NOVA Innovation Tidal Turbine Array, Bluemull Sound	1/1/2016			0.1	5	Gravity	No	First operational in the first quarter of 2016; situated between the Shetland Islands of Yell and Unst; Bottom mounted, gravity anchored, non-yawing, horizontal axis tidal turbines; Additional information here: http://www.gov.scot/Topics/marine/Licensing/marine/scoping
MeyGen	11/1/2016			1.5	4	Gravity	Yes, please specify	Located on Pentland Firth; Collision mitigation - one instrumented turbine with PAM, AMM, cameras and seal telemetry to monitor potential marine mammal interactions with the turbine; Additional information here: http://www.gov.scot/Topics/marine/Licensing/marine/scoping
DP Marine Energy- Fair Head Tidal				1-3	44-110	Gravity	Yes, please specify	Operational on: 2018/2019 first phase (10MW), 2025 second stage (remaining 90MW). Located in Fair Head, Northern Ireland. Collision modelling as part of EIA, mitigation measures to be confirmed.

Tidal Ventures Limited- Torr Head	1/1/2020			1	100	Gravity	Yes, please specify	Located on Torr Head, Northern Ireland. Collision modelling as part of EIA, mitigation measures to be confirmed.
Minesto Power Kite	1/1/2016			0.12-0.85	1 (prototype)	Floating	Yes, please specify	Located in Strangford Lough, Northern Ireland. Collision mitigation: Testing installation with ongoing research into collision mitigation.
Fair Head								Pre-planning Application
Torr Head								Pre-planning Application
Holyhead Deep		Anglesey		10	20			In Planning
Perpetuus Tidal Energy Centre (PTEC)		Hampshire		30MW		Other, please specify		Consented; mixed
Portland Bill								Pre-planning Application
Ramsey Sound		Pembrokeshire		1	3			Active/In Operation
SeaGen Strangford Lough								Active/In Operation
Strangford Lough								Active/In Operation
Strangford Lough Array								Pre-planning Application
North Devon Demonstration Zone		Devon		30MW		Unknown		Pre-planning Application
West Anglesey Demonstration Zone		Anglesey						Pre-planning Application

Table 4.4 on tidal lagoon/barrage

Please enter one line per tidal lagoon/barage installation. For further instructions click on the individual cells.

Name of installation	First operational on	Latitude WGS 84	Longitude WGS 84	Output per turbine (MW)	Number of turbines	Collision mitigation	Additional information
----------------------	----------------------	-----------------	------------------	-------------------------	--------------------	----------------------	------------------------

Table 8.2 on unexploded ordnance

For instructions click on the individual cells.

OSPAR Ref. No	Latitude WGS 84	Longitude WGS 84	Nature of Encounter	Date	Type of munition	Action taken	State of munition (corrosion)	Release, Destruction Latitude WGS 84	Release, Destruction Longitude WGS 84	Remarks	Depth of explosion	Depth of explosion	Estimated net weight of explosive material of demolished UXO	Demolition charge: net weight of explosive material added	Observations during explosion
---------------	-----------------	------------------	---------------------	------	------------------	--------------	-------------------------------	--------------------------------------	---------------------------------------	---------	--------------------	--------------------	--	---	-------------------------------