

APPENDIX 2 – Extract from draft Development Consent Order setting out proposed works to be included in the consent

SCHEDULE 1

AUTHORISED DEVELOPMENT

PART 1

Authorised development

A nationally significant infrastructure project as defined in sections 14 and 15 of the 2008 Act which is located in the Irish Sea approximately [11] kilometres from the coast of Conwy, North Wales and, comprising—

Work No. 1—

(a) an offshore wind turbine generating station with a gross electrical output capacity of over 100 megawatts, comprising up to [91] wind turbine generators each fixed to the seabed by a foundation, and further comprising (b) to (f) below;

(b) up to two offshore substation platforms each fixed to the seabed by a foundation;

(c) one meteorological mast fixed to the seabed by a foundation;

(d) floating buoys;

(e) installation of subsea cables to the Gwynt y Mor Offshore Wind Farm; and

(f) a network of subsea inter-array cables between (a), (b), (c), (d) and (e) including cable crossings; seaward of MHWS within the area delineated by the co-ordinates in the Table 1 below—

Table 1

Point	Latitude	Longitude
A	53° 29' 14.544" N	3° 54' 50.922" W
B	53° 29' 16.270" N	3° 52' 29.430" W
C	53° 29' 26.671" N	3° 36' 37.688" W
D	53° 29' 7.091" N	3° 37' 36.682" W
E	53° 28' 41.909" N	3° 38' 47.993" W
F	53° 28' 31.364" N	3° 39' 17.852" W
G	53° 28' 5.013" N	3° 40' 32.272" W
H	53° 27' 1.865" N	3° 41' 31.636" W
I	53° 26' 45.454" N	3° 41' 14.509" W
J	53° 25' 18.411" N	3° 44' 47.175" W
K	53° 25' 57.346" N	3° 47' 54.144" W
L	53° 27' 16.736" N	3° 54' 17.138" W

M 53° 28' 9.116" N 3° 54' 49.047" W

and associated development within the meaning of section 115(2) (development for which development consent may be granted) of the 2008 Act comprising—

Offshore

Work No 2— Installation of a subsea cable circuit to the Gwynt y Mor Offshore Wind Farm including alteration of existing scour protection and cable protection and cable crossings.

Work No. 3— Installation of up to two subsea cable circuits between Work No. 1 and Work No. 4 including, cable ducts (if required), cable crossings and installation of a subsea cable circuit to the Gwynt y Mor Offshore Wind Farm.

Work No. 3A – Cofferdam works including piling and creation of pits for trenchless techniques.

Intertidal

Work No. 4 – Installation of up to two buried cable circuits between Work No. 3 and Work No. 5; including cable crossings, cable protection, cable ducts (if required), cofferdam works including piling, creation of pits for trenchless techniques; cable trenching works and removal and remediation of groynes.

In the County of Denbighshire;

Work No. 5 - Installation of up to two buried cable circuits within cable ducts (if required) between Work No. 4 and Works No. 6 and 6A; including cable crossings, cable protection, cable ducts, cofferdams, trenchless technique pit works including the creation of entrance and exit pits; cable trenching works and removal and remediation of groynes.

Work No. 6 - Installation of up to two buried cable circuits within cable ducts (if required).

Work No. 6A – Installation of connection and transmission works consisting of—

- (a) up to two transition joint bays;
- (b) up to two cable circuits laid underground within cable ducts (if required) from Work No. 5 to Work No. 7;
- (c) trenchless techniques launch and exit pits;
- (d) construction of a haul road;
- (e) a temporary construction compound; and
- (f) creation and improvement of accesses including works to junctions and visibility splays.

Work No. 6B - Creation of construction access to Works No. 4, 5, 6 and 6A from Rhyl Coast Road and Dyserth Road, including works to junctions and visibility splays, improvement works to the existing bridge and removal and remediation of groynes.

Work No.7—Installation of up to two buried cable circuits within cable ducts between Works No. 6 and 6A and Work No.[9A OR 9C] from the south of the landfall to Dyserth Road, approximately 720m; cable ducts, trenchless technique pit works including the creation of entrance and exit pits, and cable trenching works. Construction of a haul road, temporary construction compound and laydown area.

Work No 8 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 10,000m² to the north of Dyserth Road, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

[Work No. 9A- Installation of up to two buried cable circuits within cable ducts between Work No. 7 and Work No.12 from the Dyserth Road to the A525/A547 highway, approximately [2480]m; including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road, temporary construction compound and laydown area.

Work No. 9B- Creation of construction access, construction of a haul road, temporary construction compound and laydown area, and creation and improvement of accesses to public highway including works to junctions and visibility splays.]

OR

[Work No. 9C - Installation of two buried cable circuits within cable ducts between Work No. 7 and Work No.12 from the Dyserth Road to the A525/A547 highway, approximately [2630]m; including cable ducts, cofferdams, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road, temporary construction compound and laydown area.

Work No. 9D- Creation of construction access, construction of a haul road, temporary construction compound and laydown area, and creation and improvement of accesses to public highway including works to junctions and visibility splays.]

Work No. 10 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 10,000m² to the south of Dyserth Road, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

Work No. 11 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 22,500m² to the east of the A547 highway, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

Work No. 12 - Installation of up to two buried cable circuits within cable ducts between Work No. 9[A OR C] and Work No.14 from the A525 highway to Afon Ffyddion; including cable crossings, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road including watercourse crossing, temporary construction compound and laydown area.

Work No. 13 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 10,000m² to the west of the A525 highway, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

Work No. 14 - Installation of up to two buried cable circuits within cable ducts between Work No. 12 and Work No.15 from Afon Ffyddion to River Clywd; including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road including watercourse crossing, temporary construction compound and laydown area.

Work No. 15 – Installation of up to two buried cable circuits within cable ducts between Work No. 14 and Work No.17 from River Clywd to A547/Abergele Road; including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road, temporary construction compound and laydown area.

Work No 16 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 22,500m² to the north of the A547/Abergele Road, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

Work No. 17 – Installation of up to two buried cable circuits within cable ducts between Work No. 15 and Work No.20 from A547/ Abergele Road to Bodelwyddan Road; including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road, temporary construction compound and laydown area.

Work No 18 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 22,500m² to the south of the A547/Abergele Road, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

Work No 19 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 10,000m² to the north of Bodelwyddan Road, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

Work No.20 – Installation of up to two buried cable circuits within cable ducts between Work No. 17 and Work No.23 from Bodelwyddan Road to A55 highway; including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road, temporary construction compound and laydown area.

Work No. 20A - Construction of a haul road.

Work No.21 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 10,000m² to the south of Bodelwyddan Road, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

Work No 22 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 22,500m² to the north of the A55 highway, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

Work No 23 – Installation of two buried cable circuits within cable ducts between Work No. 20 and Work No.25B from the A55 highway to the electrical substation; including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road, temporary construction compound and laydown area.

Work No. 24 – Installation of up to two buried 400KV cable circuits within cable ducts between Work No. 25B and Work No.29 from the electrical substation to Glascoed Road; including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable

trenching works. Construction of a haul road, temporary construction compound and laydown area.

Work No. 25 - Landscaping and ecological mitigation area for Work No.25B, provision of drainage works including connections to existing drainage, and creation of new sustainable drainage including attenuation pond(s)

Work No. 25A – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 37,500m² to the north of Glascoed Road, and creation and improvement of accesses to public highway including works to junctions and visibility splays. Landscaping and ecological mitigation area for Work No.25B, provision of drainage works including connections to existing drainage, and creation of new sustainable drainage including attenuation pond(s)

Work No. 25B – Construction of electrical substation infrastructure including

(a) a compound for the connection of the cable circuits to the transmission network (the “substation compound”) containing (but not limited to) switchgear and electrical equipment including power transformers, reactive compensation equipment, filters, cooling equipment, control and welfare buildings, lightning rods, internal roads, security fencing and other associated equipment, structures and buildings including noise-attenuation works;

(b) landscaping;

(c) ecological mitigation area;

(d) utilities connections;

(e) drainage works including connections to existing drainage and creation of new sustainable drainage including attenuation pond(s);

(f) temporary and permanent access roads and haul road;

(g) temporary construction compound and lay down area;

(h) a security gate;

(i) installation of up to two buried cable circuits within cable ducts;

(j) installation of up to two buried 400KV cable circuits within cable; and

(k) cable crossings, cable protection, cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works.

Work No. 26 – Creation of construction access, construction of a haul road and temporary construction compound and laydown area, and creation and improvement of accesses to public highway including works to junctions, creation of a new bellmouth junction and visibility splays. Creation of permanent access, including works to junction with the public highway.

Work No 27 – Zone for ecological mitigation areas.

Work No.28 – Creation of construction access, construction of a haul road and temporary construction compound and laydown area of no more than 10,000m² to the north of Glascoed Road, and creation and improvement of accesses to public highway including works to junctions, creation of a new bellmouth junction and visibility splays. Construction of a haul road, temporary construction compound and laydown area.

Work No 29 – Installation of up to two buried 400KV cable circuits within cable ducts between Work No. 24 and Work No.32 from the electrical substation to Glascoed Road; including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road, temporary construction compound and laydown area.

Work No 30 – Creation of construction access, construction of a haul road, temporary construction compound and laydown area of no more than 10,000m² to the south of Glascoed Road, and creation and improvement of accesses to public highway including works to junctions and visibility splays.

Work No 31 - Installation of up to two buried 400KV cable circuits within cable ducts, including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road, temporary construction compound and laydown area. Creation of permanent access including works to highway junction on Glascoed Road.

Work No 32 - Installation of up to two buried 400KV cable circuits within cable ducts; including cable ducts, trenchless technique pit works including the creation of entrance and exit pits and cable trenching works. Construction of a haul road, temporary construction compound and laydown area. Electrical works to connect to the National Grid substation.

Work No 33 - Access roads to provide construction and maintenance access from the public highways to Work No.s 4 to 32. and in connection with Work Nos. 1 to 3 and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised development and which fall within the scope of the work assessed by the environmental statement, including—

- (a) scour protection around the foundations of the offshore structures;
- (b) cable protection measures such as rock placement and the placement of rock and/or concrete mattresses, with or without and frond devices;
- (c) dredging;
- (d) the removal of material from the seabed required for the construction of Work Nos. 1 to 3 and the disposal of inert material of natural origin and/or dredged material within the Order limits produced during construction drilling, and seabed preparation for the installation the installation of the foundations of the offshore structures or during seabed preparation for cable laying;
- (e) creation and use of temporary vessel laydown areas;
- (f) removal of static fishing equipment;
- (g) lighting; and
- (h) erection of temporary cofferdams during construction and in connection with Work Nos. 4 to 30 and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised development and which fall within the scope of the work assessed by the environmental statement, including—

- (a) haul roads, ramps, watercourse crossings, means of access and other vehicular and/or pedestrian means of access, including creation of new tracks and footpaths, and/or widening, upgrades, alterations and improvements of existing roads, tracks and footpaths;
- (b) bunds, embankments, swales, landscaping, fencing and boundary treatments and alteration of groynes;
- (c) habitat creation;
- (d) spoil storage and associated control measures;
- (e) jointing bays, link boxes, cable ducts, cable protection, joint protection, manholes, marker posts, underground cable marker, tiles and tape, and lighting and other works associated with laying cables and/or pulling cables through cable ducts;
- (f) works for the provision of apparatus including cabling, water and electricity supply works, foul drainage provision, surface water management systems, temporary drainage during installations of cables and culverting;
- (g) works to alter the position of apparatus, including mains, sewers, drains and cables;
- (h) works to alter the course of, or otherwise interfere with, non-navigable rivers, streams or watercourses;
- (i) landscaping works;
- (j) works for the benefit or protection of land affected by the authorised development;
- (k) working sites in connection with the construction of the authorised development, construction lay down areas and compounds and storage compounds;
- (l) works of restoration;
- (m) fencing or other means of enclosure; and
- (n) such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised development.