

SCHEDULES

SCHEDULE 1

THE SCHEDULED WORKS

1. The works which the undertaker is authorised to construct and maintain by article 3(1) are the following works on the bed of Swansea Bay adjoining the coast between Porthcawl in the County Borough of Bridgend and Port Talbot in the County Borough of Neath Port Talbot and on land within the County Borough of Neath Port Talbot—

Work No. 1 — A wind energy electrical generating station consisting of—

- (a) up to 30 wind turbines generators fixed to the seabed by one or more piles or gravity foundations and extending to a height of up to 130.5 metres above the level of high water, fitted with rotating blades and situated at the following locations—

<i>Wind turbine number</i>	<i>Reference point Easting</i>	<i>Reference point Northing</i>
1	269103	177986
2	269219	177481
3	269361	176982
4	269828	178465
5	269928	177953
6	270057	177448
7	270214	176951
8	270569	178920
9	270651	178407
10	270763	177901
11	270907	177402
12	271081	176912
13	271368	178982
14	271440	178540
15	271537	178103
16	271660	177672
17	271808	177250
18	271980	176836
19	272167	179040
20	272251	178566

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Wind turbine number	Reference point Easting	Reference point Northing
21	272367	178099
22	272516	177641
23	272696	177195
24	272907	176762
25	272657	178920
26	273059	178614
27	273184	178160
28	273344	177716
29	273537	177286
30	273763	176872

(b) a network of cables connecting the wind turbines to each other.

Work No. 2 — A connection between Work No. 1 and Work No. 2A consisting of up to four marine feeder cables along routes commencing by connections with one or more of the wind turbines, then proceeding in a north-easterly direction for 7.22 kilometres until they reach the shore and terminating by a connection with Work No. 2A.

Work No. 2A — An extension of the cables comprised in Work No. 2 buried underground, commencing in a junction box at reference point 277406E, 184576N, extending for 121 metres in an easterly direction and terminating in Work No. 3.

Work No. 3 — An electrical substation situated at 277527E, 184608N.

Work No. 4 — An onshore cable connection with the electrical grid consisting of two electric lines, commencing at Work No. 3 and carried overhead in a north-easterly direction to reference points 278758E, 185469N and 278784E, 185392N, then proceeding underground across the railway sidings and Swansea to London railway and terminating by a connection with the existing electricity pylon.

Work No. 5 — A new road providing a construction and maintenance access between Work No. 3 and the road known as the harbour road.