

	CAPEX Component	Value (\$/kW-yr)	Value (£/kW-yr)	Value (£/MW-yr)
Maintenance	Labour (technicians)	5	4	3876
	Materials	2	2	1550
	Equipment (vessels)	105	81	81395
Operations	Management administration	2	2	1550
	Port fees	1	1	775
	Insurance	19	15	14729
	CAPEX (excluding PT system)	134	104	103876

Turbine Power Rating (MW)	25.157
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Data based on 50 12MW fixed-bottom offshore wind turbines (NREL Cost of Wind Energy Report 2015)
Values expressed to the nearest pound (£)

Value(£/Turbine-yr)	Value(£M/Turbine-yr)
97508	0.0975
39003	0.0390
2047663	2.0477
39003	0.0390
19502	0.0195
370529	0.3705
2613208	2.6132

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	CAPEX Component	Value (\$/kW)	Value (£/kW)	Value (£/MW)
	Turbine	1770	1372	1372093
Balance of System	Export system	$C_{export} = £8$		
	Array system	$C_{array} = L_{array} *$		
	Offshore substations	$C_{off-subs} = 2 * [0.5833M + (number\ of\ turbines)]$		
	Onshore substation	$C_{on-subs} = 0.5 * [0.5833M + (number\ of\ turbines)]$		
	Scour protection	25	19	19380
	Substructure	764	592	592248
	Project development	123	95	95349
	Installation	830	643	643411
	Lease price	167	129	129457
Soft Costs	Construction insurance	55	43	42636
	Decommissioning	145	112	112403
	Construction financing	240	186	186047
	Procurement contingency	228	177	176744
	Commissioning	55	43	42636
	Install. contingency	289	224	224031
	CAPEX (excluding PT system)	4691	3636	3636434

Turbine Power Rating (MW)	25.157
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Data based on 50 12MW fixed-bottom offshore wind turbines (NREL Cost of Wind E
Values expressed to the nearest pound (£)

Value (£/Turbine)	Value (£M/Turbine)
34517744	34.5177
6.4M	
* £0.63M	
turbines * turbine power rating)]	
turbines * turbine power rating)]	
487539	0.4875
14899184	14.8992
2398691	2.3987
16186287	16.1863
3256759	3.2568
1072585	1.0726
2827725	2.8277
4680372	4.6804
4446353	4.4464
1072585	1.0726
5635948	5.6359
91481773	91.4818

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