

Appendix G

Capacity Assessment

Capacity Assessment

	Site Name / Project Name	SSA	Status	Maximum Installed Capacity (MW) of Proposal	Maximum No. of Turbines of Proposal	Area (approx.) (km ²)	MW / km ²
1	Clocaenog Forest	A	DECC Pre-application scoping	85	34	14.3	5.94
2	Nant Bach	A	Application lodged - Approved in Principle	27.5	11	4.6	5.98
3	Wern Ddu	A	Consented	8	4	0.9	8.89
4	Derwydd Bach	A	Consented (Awaiting S106 Legal Agreement)	23	10	1.3	17.69
5	Brenig	A	Consented	50	16	2.1	23.81
6	Carnedd Wen, Llanbryn-mair/Banwy	B	Application lodged	130	65	26.2	4.96
7	Llanbryn-mair South	B	DECC Pre-application Scoping	88	44	17.6	5.00
8	Dyfnant Forest	B	DECC Pre-application scoping	120	50	23.8	5.04
9	Cemmaes 3	B	Application lodged	19	12	3.5	5.43
10	Pen Coed, Llangadfan	B	Pre-application scoping	20	10	3.3	6.06
11	Mynydd Clogau Extension	B	Application lodged	16	19	2	8.00
12	Carno Extension, Carno	B	Application lodged	15.6	12	1.9	8.21
13	Mynydd Waun Fawr, Llanerfyl	B	Application lodged	40	16	4.7	8.51
14	Tirgwynt	B	Application lodged	44	22	4.4	10.00
15	Llanbadarn Fynydd	C	Application lodged	51	17	6.8	7.50
16	Bryngydfa	C	Application lodged	24	12	2.7	8.89
17	Llaithdu	C	Application lodged	66.7	29	6.6	10.11
18	Garreg Llwyd Hill, Llanbadarn Fynydd	C	Application lodged	46	23	4.4	10.45
19	Nant-y-Moch	D	DECC Pre-application scoping	200	106	52.6	3.80
20	Seven Sisters	E	Pre-application scoping	23	19	11.1	2.07
21	Maesgwyn	E	Consented	39	13	6.1	6.39
22	Mynydd y Gwair	E	Application lodged	47.5	19	4.7	10.11
23	Hirfynydd	E	Application lodged	30	14	1.7	17.65
24	Ferndale	F	Consented	10.4	8	2.1	4.95
25	Pen Y Cymoedd	F	DECC Pre-application Scoping	258	112	47.3	5.45
26	Llynfi Renewable Energy Park	F	Pre-application scoping	48	14	7.4	6.49
27	Pant-y-Wal	F	Consented (Awaiting S106 Legal Agreement)	27.5	11	2.9	9.48
28	Mynydd Bwlfa	F	Application Lodged	36	12	2.5	14.40
29	Mynydd Pwllyrheb	F	Consented (Awaiting S106 Legal Agreement)	33	11	1.5	22.00
30	Blaengwen resubmission	G	Operational - 2009	30	10	2.9	10.34
31	Bryn Llewellyn	G	DECC Pre-application scoping	80.5	35	14	5.75
32	Mynydd Emroch	Outside SSA	Pre-application ad-hoc	5	4	4	1.25
33	Mynydd y Gwrhyd	Outside SSA	Consented	4	2	1.1	3.64
34	Mynydd-y-Betws	Outside SSA	Application lodged	36.8	16	8.2	4.49
35	Foel Ffynyddu	Outside SSA	Pre-application scoping	7	3	1.4	5.00
36	Penhydd	Outside SSA	Pre-application ad-hoc	10	5	1.6	6.25
37	Llandinam Repowering	Outside SSA	Application lodged	126	42	12.3	10.24
38	Mynydd Portref	Outside SSA	Consented	9.35	11	0.5	18.70
39	Waun Garno	Outside SSA	Application lodged	16.5	11	3.2	5.16
40	Carno III	Outside SSA	Pre-Application Scoping	20	25	5.8	3.45

Range	1.25 - 23.81
Average	8.44