

## Project financial calculations based on Feed in Tariff as of September 2015

Project	Technology	Potential system size (kW)	Annual production kWh	Annual CO2 Saving kg	Total Income £	Total cost £	Simple payback years	Gross ROI %
500 kW turbine @ 7m/s	wind	500	2,000,000	897,540	368,000	1,020,000	3	36
500 kW turbine @ 6m/s	wind	500	1,600,000	718,032	311,360	1,020,000	3	31
50 kW turbine @ 7m/s	wind	50	230,000	103,217	44,390	260,000	6	17
50 kW turbine @ 6m/s	wind	50	175,000	78,535	37,485	260,000	7	14
Perrigo 250	PV	250	257,500	115,558	41,664	236,750	6	18
Tyspane care home	PV	48	46,320	20,787	8,468	50,900	6	17
Lobb pavilion	PV	29	26,928	12,084	4,959	30,740	6	16
Kingsacre school	PV	11	9,933	4,458	1,851	11,525	6	16
Braunton academy	PV	22	21,164	9,498	3,944	25,910	7	15
Athletics track roof	PV	29	27,302	12,252	5,088	33,764	7	15
Agricultural Inn	PV	11	9,902	4,443	1,845	12,628	7	15
Tesco roof	PV	250	237,000	106,358	37,405	236,750	6	16
Perrigo 1 MW	PV	1,000	1,030,000	462,233	119,326	840,500	7	14
Southmead school	PV	11	10,101	4,533	1,882	13,730	7	14
Lobb campsite 50	PV	48	49,440	22,187	8,842	66,020	7	13
Athletics track ground	PV	29	28,253	12,679	5,265	39,812	8	13
Surf museum	PV	4	3,445	1,546	710	5,414	8	13
South west water Velator	PV	48	45,216	20,292	8,446	66,020	8	13
Countryside centre	PV	4	3,445	1,546	684	5,414	8	13
South west water green lane	PV	29	29,376	13,183	4,593	36,788	8	12
White lion	PV	4	3,467	1,556	714	5,414	8	13
Christ church	PV	11	9,902	4,443	1,548	12,628	8	12
Black horse	PV	2	1,896	851	390	3,230	8	12
Lobb campsite 100	PV	96	98,880	44,374	15,497	131,540	8	12
Vivian Moon	PV	4	3,470	1,557	637	5,414	9	12
Lobb campsite 150	PV	144	148,320	66,562	23,049	197,060	9	12
Lobb campsite 200	PV	192	197,760	88,749	29,639	262,580	9	11
Braunton Museum	PV	2	1,896	851	383	3,650	10	11
Brannock hall	PV	4	2,642	1,186	455	5,414	12	8
Fire Station	PV	4	2,660	1,194	428	5,414	13	8
Caen car park 30	PV	29	29,376	13,183	5,695	88,196	15	6
Caen toilets	PV	1	948	425	181	3,125	17	6
Caen car park 100	PV	97	99,144	44,493	15,670	296,474	19	5
Iron mills hydro	Hydro	6	21,500	9,649	5,133	83,000	16	6
Velator weir hydro	Hydro	5	18,000	8,078	4,298	70,500	16	6