



## RenewableUK Project Intelligence Database

RenewableUK is the trade association for wind power, wave power and tidal power industries in the United Kingdom. RenewableUK provides data on all UK onshore wind farms via its online Project Intelligence Hub which is updated daily. The RenewableUK Project Intelligence Database includes a comprehensive list of all UK operational onshore wind farms which can be ranked in terms of installed MW capacity.

This database demonstrates that the **539.02MW Whitelee Wind Farm** is the UK's largest operational wind farm by installed MW capacity, followed by the **522.4MW Clyde Wind Farm** which is the UK's second largest operational wind farm by installed MW capacity.

When complete in 2024, the 443MW Viking Wind Farm will be the UK's third largest wind farm by installed MW capacity.

### Operational onshore wind farms (largest by MW capacity):

#### Whitelee (539.02MW):

Project ▲	MW	MWh	Generator	MW # ?	Status	Date	Type	Developer	Owner	Hub	Tip	Rotor	Country	Region
Whitelee Phase I Extension	108		Alstom ECO 100	3 36	Fully Commissioned	31/10/2012	onshore	ScottishPower Renewables	ScottishPower Renewables (100%)	90	140	100	Scotland	Scotland
Whitelee Phase II Extension	109.02		Alstom ECO 100; Alstom ECO 74	1.67 39	Fully Commissioned	15/01/2013	onshore	ScottishPower Renewables	ScottishPower Renewables (100%)	90	140	100	Scotland	Scotland
Whitelee, Eaglesham Moor (Part 1)	322		SWT-2.3-82; SWT-2.3-93	2.3 140	Fully Commissioned	01/05/2009	onshore	ScottishPower Renewables	ScottishPower Renewables (100%)	69	110	93	Scotland	Scotland
<b>TOTAL</b>	<b>539.02</b>			<b>215</b>										

#### Clyde (522.4MW):

Project ▲	MW	MWh	Generator	MW # ?	Status	Date	Type	Developer	Owner	Hub	Tip	Rotor	Country	Region
Clyde (North and Central)	220.8		SWT-2.3-93	2.3 96	Fully Commissioned	01/10/2012	onshore	SSE Renewables	SSE Renewables (50.1%); Greencoat UK Wind plc (28.2%); GMPF and LPFA Infrastructure LLP (21.7%)	122	93	93	Scotland	Scotland
Clyde Extension	172.8		SWT-3.2-101	3.2 54	Fully Commissioned	05/09/2017	onshore	SSE Renewables	SSE Renewables (50.1%); Greencoat UK Wind plc (28.2%); GMPF and LPFA Infrastructure LLP (21.7%)	130	101	101	Scotland	Scotland
Clyde South	128.8		SWT-2.3-93	2.3 56	Fully Commissioned	01/12/2011	onshore	SSE Renewables	SSE Renewables (50.1%); Greencoat UK Wind plc (28.2%); GMPF and LPFA Infrastructure LLP (21.7%)	122	93	93	Scotland	Scotland
<b>TOTAL</b>	<b>522.4</b>			<b>206</b>										

The Registered Office of Viking Energy Wind Farm LLP is Stewart Building, Esplanade, Lerwick, Shetland ZE1 0LL.

Registered in Scotland No. SO305400.

[saserenewables.com](http://saserenewables.com)

### In construction UK onshore wind farms (largest by MW capacity):

RenewableUK's online Project Intelligence Hub also includes a comprehensive list of all UK onshore wind farms under construction, ranked in terms of capacity. This database shows that the **443MW Viking Wind Farm project** is the UK's largest onshore wind farm under construction by a considerable margin.

Project	MW	MWh	Generator	MW	#	Status	Date	Type	Developer	Owner	Hub	Tip	Rotor	Country	Region
Viking Wind Farm	443		Vestas V117-4.2	4.3	103	Under construction	10/03/2021	onshore	SSE Renewables	SSE Renewables (100%)	96.5	155	117	Scotland	Scotland
Kennoxhead	114			6	19	Under construction	30/11/2020	onshore	PNE Wind UK Ltd	Brookfield Renewable UK Ltd (100%)		180		Scotland	Scotland
Creag Riabhach	92			4.18	22	Under construction	14/12/2020	onshore	Creag Riabhach Wind Farm Ltd	ERG S.P.A. (100%)	75	125	100	Scotland	Scotland
Sandy Knowe (Resubmission)	86		Vestas V112-3.45	3.6	14	Under construction	01/12/2020	onshore	Burcote Wind Ltd	ERG S.P.A. (100%)	69	125	112	Scotland	Scotland
Aikengall Iia (Scottish Borders)	60.2		Siemens Gamesa (unknown model)	4.3	14	Under construction	30/06/2020	onshore	Community Windpower Ltd	Community Windpower Ltd (100%)	90	145	110	Scotland	Scotland
Beinn an Tuirc Phase 3	50		Vestas V112-3.0	3	14	Under construction	30/09/2019	onshore	ScottishPower Renewables	ScottishPower Renewables (100%)	70	126	112	Scotland	Scotland
Glen Kyllachy	50		Nordex N90	2.5	20	Under construction	31/10/2019	onshore	Innogy Renewables UK Ltd	RWE Renewables UK Ltd (100%)	65	110	90	Scotland	Scotland
Crossdykes (Community Share)	48		Nordex N133	4.8	10	Partial Operation	09/03/2021	onshore	Muirhall Energy Ltd	Muirhall Energy Ltd (100%)	110	176.5	133	Scotland	Scotland
Douglas West & Dalquhandy	46.8		Vestas V136-3.45	3.6	13	Under construction	03/09/2020	onshore	3R Energy Solutions	Greencoat UK Wind plc (76%); Landowner or private owner (24%)	82	149.9	136	Scotland	Scotland
Evisagaran	46.8		Vestas V112-3.45	3.6	13	Under construction	16/01/2020	onshore	ABO Wind NI Ltd	ERG S.P.A. (100%)	84	140	112	Northern Ireland	Northern Ireland
Windy Rig	43.2		Vestas V112-3.6	3.6	12	Under construction	19/06/2020	onshore	Element Power Northern Europe Developments Ltd	Statkraft UK Ltd (100%)	67.5	125	115	Scotland	Scotland
Gordonbush Extension	38		Siemens Gamesa (unknown model)	3.45	11	Partial Operation	09/04/2021	onshore	SSE Renewables	SSE Renewables (100%)		149.9	136	Scotland	Scotland
Twentysilling Hill	37.8		Vestas V117-4.2	4.2	9	Under construction	25/11/2020	onshore	Element Power Northern Europe Developments Ltd	Statkraft UK Ltd (100%)	81.5	140	117	Scotland	Scotland
Blary Hill	35		Nordex N90	2.5	14	Under construction	16/07/2020	onshore	RES UK & Ireland Ltd	The Renewables Infrastructure Group Ltd (TRIG) (100%)	65	110	90	Scotland	Scotland
West Benhar (Community Share)	30.1		Vestas V117-4.2	4.3	7	Under construction	01/03/2021	onshore	Partnerships for Renewables Development Company Ltd	EDF Renewables (100%)	91.4	149.9	117	Scotland	Scotland

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