



## **Half Year Results**

July 2020

Power concration 2% shows hudget due to higher wind recourse	1,494GWh
Power generation 2% above budget due to higher wind resource	Power generation
	<b>£71.0</b> m
Robust cash generation (despite low power prices)	Net cash generation
	£53.9m / 3.55p per share
Dividend in line with FY target	Dividends declared with respect to the period
	998MW
E51m investment made in Slieve Divena II (19MW)	Generating capacity
	410MW
2320m commitment to invest in South Kyle (235MW) upon completion in 2023	Committed generating capacity
	£2.449.7m
COVID-19 has had no significant effect on the day-to-day operations or performance	Gross Asset Value
	£1,822.7m / 120.1p per share
NAV decreased by 1.3p	Net Asset Value
	26%
Total debt of £627m, of which £600m is longer term fixed rate debt	Gearing (percentage of GAV)
	£2,177m
Market capitalisation stable	Market capitalisation

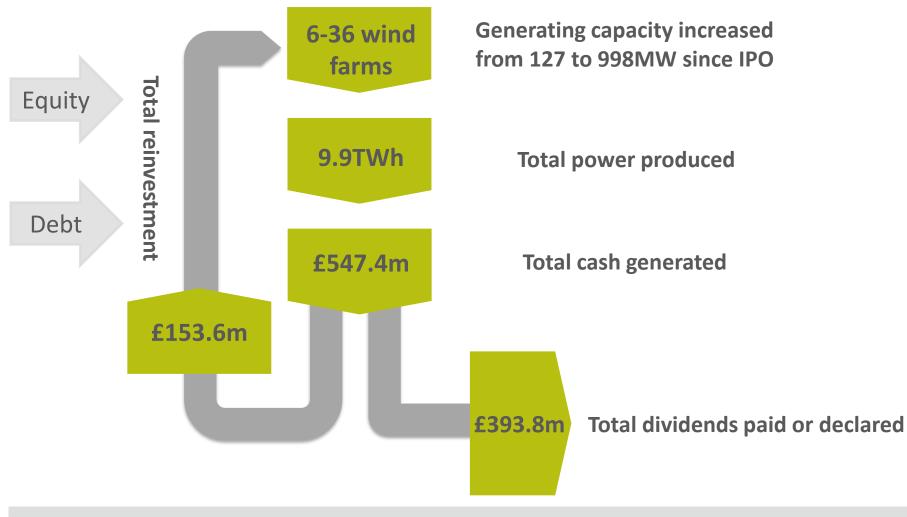
#### Continued delivery of simple, low risk and proven strategy

H1 2020 Highlights

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## **Simple Model**





"6p dividend, increasing with RPI inflation and real NAV preservation"

## **Track Record of Consistent Delivery**



Period	Production	Cash Generation	Dividend <sup>(1)</sup>	Dividend Cover <sup>(2)</sup>	RPI	NAV Growth
2013 <sup>(3)</sup>	292GWh	£21.6m	£14.2m (4.50p)	1.8x	1.9%	2.5%
2014	565GWh	£32.4m	£24.8m (6.16p)	1.6x	1.6%	2.5%
2015	799GWh	£48.3m	£29.6m (6.26p)	1.7x	1.2%	0.5%
2016	978GWh	£49.0m	£38.8m (6.34p)	1.4x	2.5%	4.0%
2017	1,457GWh	£80.1m	£57.3m (6.49p)	1.5x	4.1%	2.4%
2018	2,003GWh	£117.3m	£74.8m (6.76p)	1.6x	2.7%	10.8%
2019	2,385GWh	£127.7m	£100.4m (6.94p)	1.4x	2.2%	-1.4%

## Secure and stable dividend cover as a result of low leverage, cash generative nature of operational wind farms and predictable production

Notes: (1) dividends declared with respect to the period; (2) dividend cover as reported; (3) 27 March to 31 December 2013





## **Operational and Financial Performance**

## **Financial Performance (1)**



Group and wind farm SPV cashflows	For the six months ended 30 June 2020 £'000
Net cash generation	70,984
Dividends paid	(53,282)
Acquisitions <sup>(1)</sup>	(56,421)
Acquisition costs <sup>(2)</sup>	(851)
Net drawdown under debt facilities	27,000
Upfront finance costs	(25)
<b>Movement in cash (Group and wind farm SPVs)</b>	<b>(12,595)</b>
Opening cash balance (Group and wind farm SPVs)	86,258
Closing cash balance (Group and wind farm SPVs)	73,663
Net cash generation	70,984
Dividends	53,282
Dividend cover	1.3x

<sup>(1)</sup> £50.9m Slieve Divena II plus £5.5m incremental investment in Douglas West.

<sup>(2)</sup> Includes £617k in relation to South Kyle, Glen Kyllachy, Windy Rig and Twentyshilling, and ongoing acquisitions.

## **Financial Performance (2)**



Net Cash Generation – Breakdown	For the six months ended 30 June 2020 £'000
Revenue Operating expenses Tax Other	134,547 (34,858) (6,940) (90)
Wind farm cashflow	92,659
Management fee Operating expenses Ongoing finance costs Other	(8,312) (1,557) (9,202) (656)
Group cashflow	(19,727)
VAT (Group and wind farm SPVs)	(1,948)
Net cash generation	70,984

Net Cash Generation – Reconciliation to Net Cash Flows from Operating Activities	For the six months ended 30 June 2020 £'000
Net cash flows from operating activities <sup>(1)</sup>	81,723
Movement in cash balances of wind farm SPVs <sup>(2)</sup>	(16,329)
Repayment of shareholder loan investment <sup>(1)</sup>	14,792
Finance costs <sup>(1)</sup>	(9,227)
Upfront finance costs (cash) <sup>(3)</sup>	25
Net cash generation	70,984

<sup>(1)</sup> Consolidated Statement of Cash Flows.

<sup>(2)</sup> Note 8 to the financial statements (excludes £73k acquired cash).

<sup>(3)</sup> Movement in other finance costs payable (note 11 to the Financial Statements).

### **Net Asset Value**



#### **Investment Performance**

	£'m
NAV at 31 December 2019	1,842.8
Investment	56.7
Movement in portfolio valuation	(39.6)
Movement in cash (Group and wind farm SPVs)	(12.6)
Movement in other relevant assets/liabilities	2.4
Movement in Aggregate Group Debt	(27.0)
NAV at 30 June 2020	1,822.7

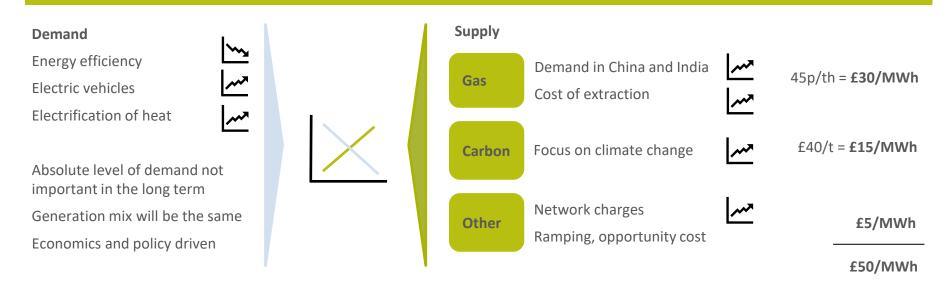


The decrease in the portfolio valuation of £39.6m (3p on a per share basis) comprised approximately:

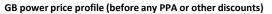
- -1p of depreciation
- -1p of macroeconomic assumption changes
- -5p from the reduction in the long term power price forecast (lower in the short term as the economy recovers from COVID-19, and lower in the long term reflecting greater renewable generation)
- +4p from the reduction in the portfolio discount rate (from 7.5 per cent to 7.2 per cent)

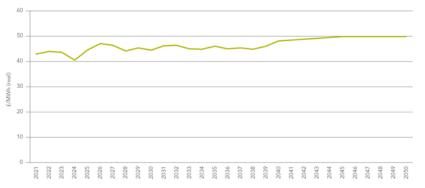
## **Power Price**

#### GREENCOAT UK WIND



Generation mix	2021	2050
Gas	27%	12%
Nuclear	24%	14%
Wind	28%	60%
Solar	4%	7%
Other	17%	7%
Gas sets price	90% of time	50% of time
Price (real)	£43/MWh	£50/MWh

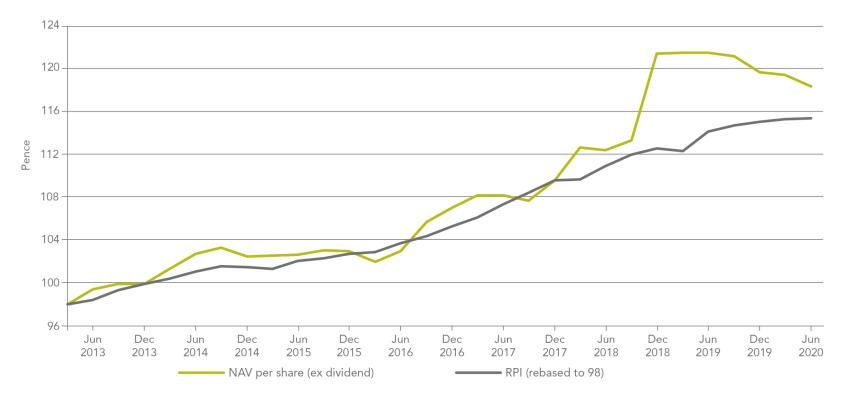




Power price is the largest driver of risk and reward



#### NAV vs RPI



"6p dividend, increasing with RPI inflation and real NAV preservation"

## **Investment Performance**



#### Total Shareholder Return vs Market Peers (Bloomberg)



Strong, consistent return with correlation to inflation

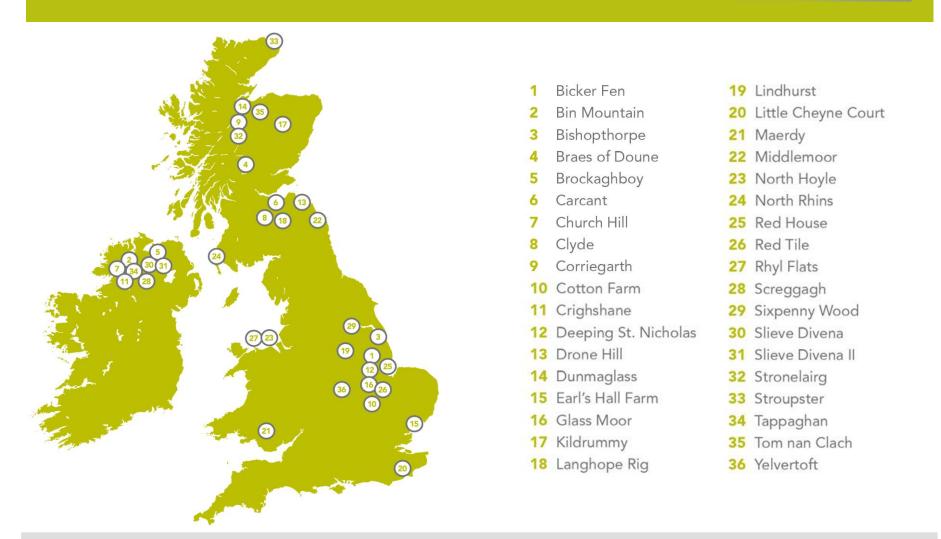




# Portfolio and Acquisitions

## **Portfolio Overview**

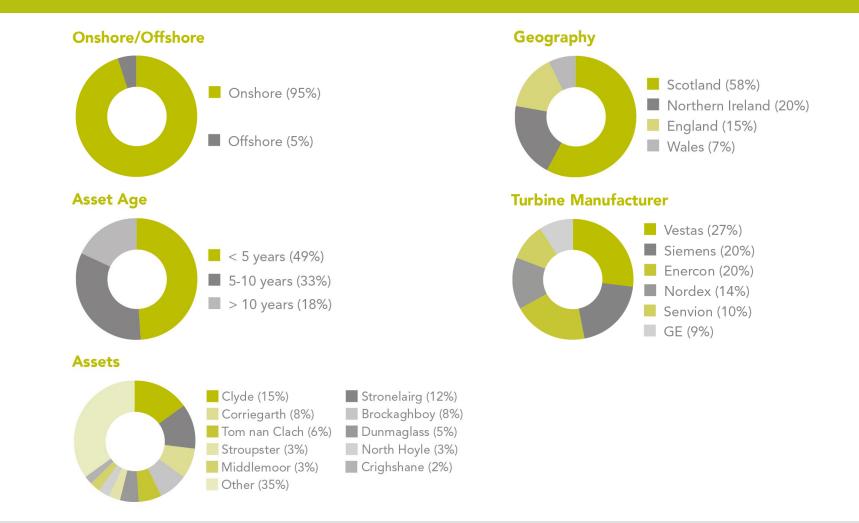




Generating sufficient electricity to power approximately 1 million homes

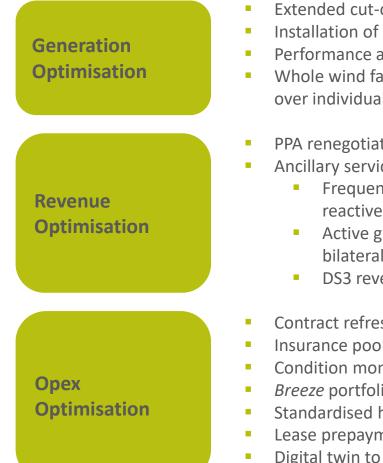
## **Portfolio Overview**





Well-diversified generating portfolio of 998W - third largest owner of UK onshore wind

## **Asset Management and Performance Enhancement**



- Extended cut-out and power performance optimisation
- Installation of blade serrations and blade cleaning
- Performance analysis
- Whole wind farm control to maximise wind farm return over individual turbine return
- PPA renegotiation including the removal of floors
- Ancillary services revenue stream development
  - Frequency response, voltage response and reactive power
  - Active grid balancing participation including bilateral agreement with National Grid
  - DS3 revenue
- Contract refresh at lower cost and extended scope
- Insurance pooling
- Condition monitoring
- Breeze portfolio monitoring system
- Standardised high voltage maintenance strategy
- Lease prepayments
- Digital twin to optimise over life cycle





**Experienced in-house asset management team focussed entirely on UKW's wind farms** 

## **Slieve Divena II**



Previous Ownership	• SSE
Capacity	- 18.8MW
Turbines	<ul> <li>8 x Enercon E-92 2.35MW</li> </ul>
Commercial Operations Date	<ul> <li>June 2017</li> </ul>
PPA	<ul> <li>SSE until 2037</li> </ul>
Turbine O&M	Enercon
O&M Management	• SSE

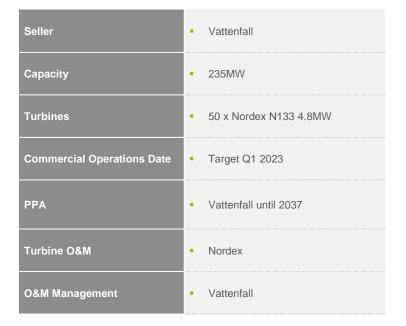


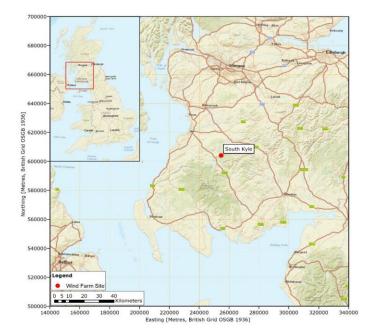
- Bilateral transaction
- "Extension" of the Slieve Divena wind farm that UKW has owned since 2017
- Majority of Northern Irish sites managed by SSE

#### UKW the obvious buyer

## **South Kyle**



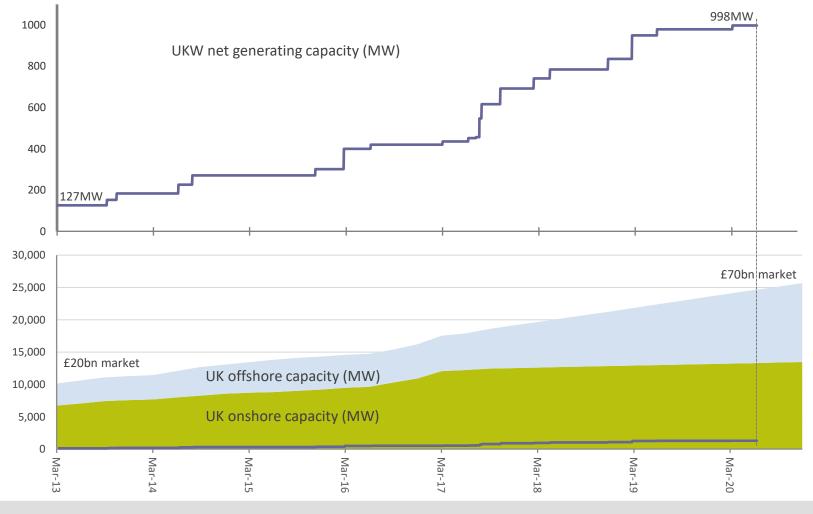




- Acquisition from 16<sup>th</sup> seller
- South Kyle will be the UK's largest subsidy free project once built
- Economies of scale and lower transmission costs (relative to northern Scotland)
- £320m will be invested on the Commercial Operations Date targeted for Q1 2023

Higher risk and higher return investment alongside ROC and CFD projects

## **Secondary Market - Continued Opportunities to Grow**



UKW owns a small portion of the operating UK wind market

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## **Environmental, Social and Governance**

Environmental	<ul> <li>Portfolio produces enough renewable electricity to power nearly 1 million homes</li> <li>Recycling of capital enabling more renewable generation capacity to be built out</li> <li>Over 1.2m tonnes of CO<sub>2</sub> per annum will be avoided compared to thermal generation</li> <li>Co-existence of energy generation alongside livestock and arable farming</li> <li>Designed to minimise impact on local terrestrial, aquatic and aerial wildlife</li> </ul>
Social	<ul> <li>£2.7m of local community funding in 2019</li> <li>Significant number of jobs in rural communities</li> <li>Local school and other educational visits</li> <li>Board reviews health and safety at each scheduled board meeting</li> <li>Independent health and safety consultant engaged</li> <li>Serious health and safety incident at end of June 2020 – review ongoing</li> </ul>
Governance	<ul> <li>Independent board approves all acquisitions</li> <li>UKW's domicile enables UKW to appoint directors with expertise and experience covering all key UKW activities from unrestricted pool</li> <li>Gender diversity: 60% female representation on board (including chairman) and ~30% in investment manager</li> </ul>

#### **100% renewable generator**

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## **Summary**

Power concretion 2% above budget due to higher wind recourse	1,494GWh
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	£71.0m
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Dividend in line with FY target	Dividends declared with respect to the period
	998MW
£51m investment made in Slieve Divena II (19MW)	Generating capacity
	410MW
£320m commitment to invest in South Kyle (235MW) upon completion in 2023	Committed generating capacity
	£2.449.7m
COVID-19 has had no significant effect on the day-to-day operations or performance	Gross Asset Value
	£1,822.7m / 120.1p per share
NAV decreased by 1.3p	Net Asset Value
	26%
Total debt of £627m, of which £600m is longer term fixed rate debt	Gearing (percentage of GAV)
	£2,177m
Market capitalisation stable	Market capitalisation

#### The leading UK listed renewable infrastructure fund, invested in UK wind farms

H1 2020 Highlights

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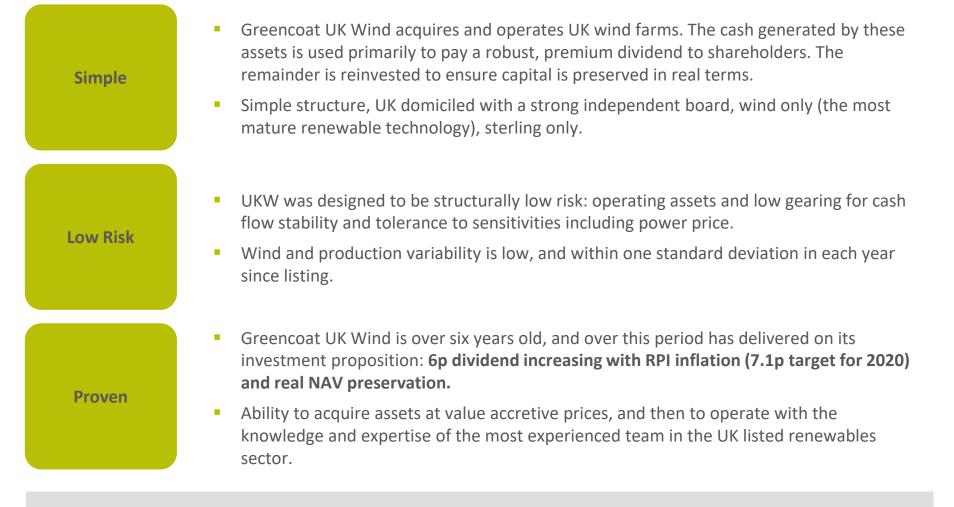




## **Appendix**

## **Greencoat UK Wind**





#### Designed for investors from first principles

## **Diversified Asset Portfolio (1)**



Wind Farm	Country	Turbines	РРА	Total MW	Group Ownership Stake	Net MW <sup>(1)</sup>	Commercial Operations Date	Acquisition Date	ROCs / MWh	Forecast Net Load Factor <sup>(2)</sup>
Bicker Fen	England	Senvion	EDF	26.7	80%	21.3	Sep-08	Oct-17	1.0	24.0%
Bin Mountain	N Ireland	GE	SSE	9.0	100%	9.0	Jul-07	Mar-13	1.0	30.0%
Bishopthorpe	England	Senvion	Ахро	16.4	100%	16.4	May-17	Jun-17	0.9	35.8%
Braes of Doune	Scotland	Vestas	Centrica	72.0	50%	36.0	Jun-07	Mar-13	1.0	27.2%
Brockaghboy	N Ireland	Nordex	SSE	47.5	100%	47.5	Feb-18	Mar-18	0.9	38.0%
Carcant	Scotland	Siemens	SSE	6.0	100%	6.0	Jun-10	Mar-13	1.0	33.2%
Church Hill	N Ireland	Enercon	Energia	18.4	100%	18.4	Jul-12	Dec-18	1.0	23.5%
Clyde	Scotland	Siemens	SSE	522.4	28.2%	147.3	Oct-12 <sup>(3)</sup>	Mar-16 <sup>(3)</sup>	1.0 <sup>(3)</sup>	35.5%
Corriegarth	Scotland	Enercon	Centrica	69.5	100%	69.5	Apr-17	Aug-17	0.9	36.3%

Notes: (1) Net MW represents the Group ownership stake in the total MW capacity of the underlying wind farm; (2) Forecast net load factor is the expected output of the wind farm divided by the theoretical maximum output over a calendar year (as a %). Forecast net load factors are net of each wind farm's availability assumption. Forecast net load factors are P50 estimates (50% probability of output exceeding estimate) based on operational data (>1 year of operations) or modelled assumptions (<1 year of operations); (3) Clyde Extension (172.8MW) was commissioned in August 2017, acquired in September 2017, and receives 0.9 ROCs/MWh.

## **Diversified Asset Portfolio (2)**



Wind Farm	Country	Turbines	РРА	Total MW	Group Ownership Stake	Net MW <sup>(1)</sup>	Commercial Operations Date	Acquisition Date	ROCs / MWh	Forecast Net Load Factor <sup>(2)</sup>
Cotton Farm	England	Senvion	Sainsbury's	16.4	100%	16.4	Mar-13	Oct-13	1.0	36.3%
Crighshane	N Ireland	Enercon	Energia	32.2	100%	32.2	Jul-12	Dec-18	1.0	21.6%
Deeping St Nicholas	England	Senvion	EDF	16.4	80%	13.1	Jun-06	Oct-17	1.0	25.9%
Drone Hill	Scotland	Nordex	Statkraft	28.6	51.6%	14.8	Aug-12	Aug-14	1.0	24.0%
Dunmaglass	Scotland	GE	SSE	94.0	35.5%	33.4	Dec-17	Mar-19	0.9	43.8%
Earl's Hall Farm	England	Senvion	Sainsbury's	10.3	100%	10.3	Mar-13	Oct-13	1.0	36.2%
Glass Moor	England	Senvion	EDF	16.4	80%	13.1	Jun-06	Oct-17	1.0	25.6%
Kildrummy	Scotland	Enercon	Sainsbury's	18.4	100%	18.4	May-13	Jun-14	1.0	35.2%
Langhope Rig	Scotland	GE	Centrica	16.0	100%	16.0	Dec-15	Mar-17	0.9	34.0%

Notes: (1) Net MW represents the Group ownership stake in the total MW capacity of the underlying wind farm; (2) Forecast net load factor is the expected output of the wind farm divided by the theoretical maximum output over a calendar year (as a %). Forecast net load factors are net of each wind farm's availability assumption. Forecast net load factors are P50 estimates (50% probability of output exceeding estimate) based on operational data (>1 year of operations) or modelled assumptions (<1 year of operations).

## **Diversified Asset Portfolio (3)**



Wind Farm	Country	Turbines	РРА	Total MW	Group Ownership Stake	Net MW <sup>(1)</sup>	Commercial Operations Date	Acquisition Date	ROCs / MWh	Forecast Net Load Factor <sup>(2)</sup>
Lindhurst	England	Vestas	RWE	9.0	49%	4.4	Oct-10	Nov-13	1.0	30.1%
Little Cheyne Court	England	Nordex	RWE	59.8	41%	24.5	Mar-09	Mar-13	1.0	27.5%
Maerdy	Wales	Siemens	Statkraft	24.0	100%	24.0	Aug-13	Jun-14	1.0	30.6%
Middlemoor	England	Vestas	RWE	54.0	49%	26.5	Sep-13	Nov-13	1.0	30.1%
North Rhins	Scotland	Vestas	EoN	22.0	51.6%	11.4	Dec-09	Aug-14	1.0	38.8%
North Hoyle	Wales	Vestas	RWE	60	100%	60	Jun-04	Sep-17	1.0	34.3%
Red House	England	Senvion	EDF	12.3	80%	9.8	Jun-06	Oct-17	1.0	25.8%
Red Tile	England	Senvion	EDF	24.6	80%	19.7	Apr-07	Oct-17	1.0	24.9%
Rhyl Flats	Wales	Siemens	RWE	90.0	24.95%	22.5	Jul-09	Mar-13	1.5	35.7%

Notes: (1) Net MW represents the Group ownership stake in the total MW capacity of the underlying wind farm; (2) Forecast net load factor is the expected output of the wind farm divided by the theoretical maximum output over a calendar year (as a %). Forecast net load factors are net of each wind farm's availability assumption. Forecast net load factors are P50 estimates (50% probability of output exceeding estimate) based on operational data (>1 year of operations) or modelled assumptions (<1 year of operations)

## **Diversified Asset Portfolio (4)**

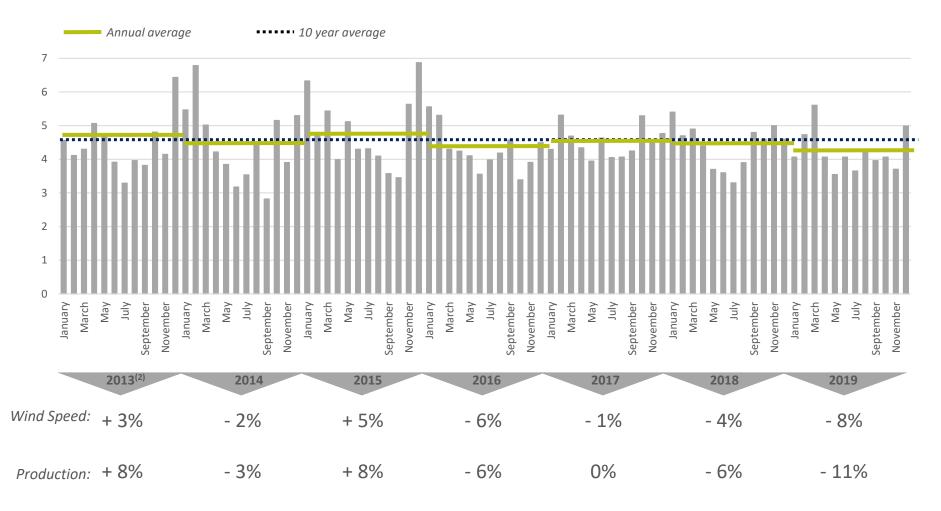


Wind Farm	Country	Turbines	РРА	Total MW	Group Ownership Stake	Net MW <sup>(1)</sup>	Commercial Operations Date	Acquisition Date	ROCs / MWh	Forecast Net Load Factor <sup>(2)</sup>
Screggagh	N Ireland	Nordex	Energia	20.0	100%	20.0	May-11	Jun-16	1.0	25.8%
Sixpenny Wood	England	Senvion	Statkraft	20.5	51.6%	10.6	Jul-13	Aug-14	1.0	31.3%
Slieve Divena	N Ireland	Nordex	SSE	30	100%	30	Mar-09	Aug-17	1.0	21.2%
Slieve Divena II	N Ireland	Enercon	SSE	18.8	100%	18.8	Jun-17	Feb-20	0.9	29.6%
Stronelairg	Scotland	Vestas	SSE	227.7	35.5%	80.9	Dec-18	Mar-19	0.9	43.3%
Stroupster	Scotland	Enercon	вт	29.9	100.0%	29.9	Oct-15	Nov-15	0.9	37.0%
Tappaghan	N Ireland	GE	SSE	28.5	100%	28.5	Jan-05 <sup>(3)</sup>	Mar-13	1.0	27.8%
Tom nan Clach	Scotland	Vestas	CFD with Statkraft	39.1	75% plus debt	29.3	May-19	Jun-19	CFD	47.6%
Yelvertoft	England	Senvion	Statkraft	16.4	51.6%	8.5	Jul-13	Aug-14	1.0	29.7%
Total						998.2				

Notes: (1) Net MW represents the Group ownership stake in the total MW capacity of the underlying wind farm; (2) Forecast net load factor is the expected output of the wind farm divided by the theoretical maximum output over a calendar year (as a %). Forecast net load factors are net of each wind farm's availability assumption. Forecast net load factors are P50 estimates (50% probability of output exceeding estimate) based on operational data (>1 year of operations) or modelled assumptions (<1 year of operations); (3) Tappaghan extension (9MW) commissioned in June 2009

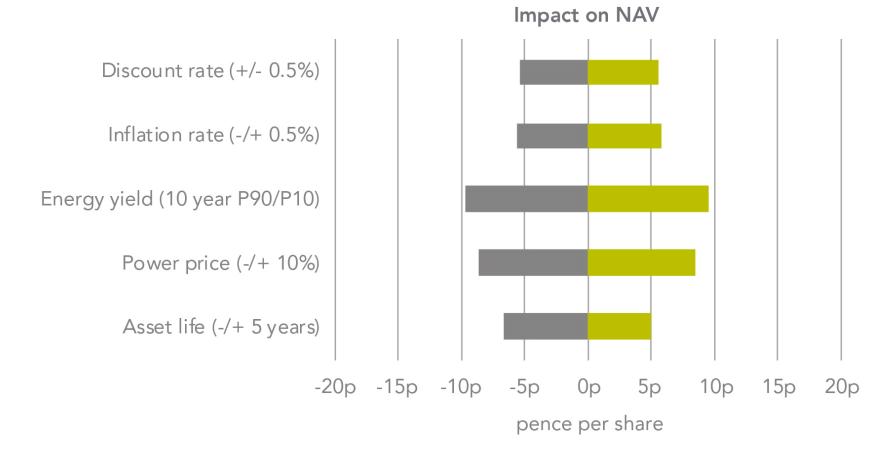


#### UK average wind speed (m/s)<sup>(1)</sup>



Notes: (1) source: www.gov.uk/government/statistics; (2) 27 March to 31 December 2013;





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