

Appendix 9.E Cumulative Wind Farm Development

9.1 Introduction

- 9.1.1 Other wind energy development included in the revised cumulative landscape and visual impact assessment, has been updated from the ES and includes those wind energy developments within the 35km radius Study Area as listed in **Table 9.D.1** and illustrated in **Figures 9.6** and **9.7**, Volume 2.
- 9.1.2 *Text changes to this FEI document, in comparison to the ES have been indicated in italics.*
- 9.1.3 Drawing from the search area and consultation advice from SNH and EAC, *the following wind energy developments have been included in the assessment:*
- ▶ All operational, consented and planning application projects above 50m to tip height within 35km have been included as part of the CLVIA; and
 - ▶ The micro-generation turbines between 25 and 50m to blade tip height have been included within 10km of the Proposed Development.
- 9.1.4 The identification number in **Table 9.E.1** relates to that used in the figures with 'E' referring to existing wind energy development, 'C' referring to consented wind energy development and 'A' referring to applications for wind energy development.
- 9.1.5 In accordance with the SNH guidance, projects at the scoping stage have not be included in the CLVIA, although their locations are noted on FEI **Figure 9.6b** where known.

Verification

- 9.1.6 Wind energy development included within the CLVIA was collected from local planning authority and developer sources in *August 2016*. *Subsequent to completion of the assessment, a further review of the cumulative data was undertaken within 35km of the Development Site.*

Table 9.E.1 Wind Energy Development Included in the CLVIA

Ref	Name	No. of turbines	HH	RD	BT	Distance	Status Changes (April 2015 to August 2016)
Existing Wind Energy Development included in the CLVIA							
E01	Windy Standard	36	70	45	92.5	5.0	No known change
E02	High Park Farm	1	49	52	75	6.0	No known change
E03	Hare Hill	20	40	47	63.5	8.5	No known change
E04	Wether Hill	14	60	66	91	18.0	No known change
E05	Sunnyside	2	36	52	62	19.5	Progressed from consented to operational
E06	Bankend Rig	11	45	62	76	26.5	No known change
E07	Dungavel	13	60-80	80	100-120	30.5	Progressed from consented to operational
E08	Nutberry	6	80	90	125	30.5	No known change

Ref	Name	No. of turbines	HH	RD	BT	Distance	Status Changes (April 2015 to August 2016)
E09	Hagshaw Hill	26	35	40	55	30.5	No known change
E10	Hadyard Hill	52	60	80	100	30.5	No known change
E11	Low Bowhill	1	40	54	67	31.5	No known change
E12	Hagshaw Hill Extension	20	49	62	80	32.0	No known change
E13	Calder Water	14	94	101	144.5	32.5	No change in status – turbine dimensions corrected
E14	Whitelee Extension (Phase I + II)	75	90	100	140	35	No known change
E15	Shewalton Moss / Glaxo	4	65	45	110	35	No known change
E16	West Browncastle	12	80	93	126.5	35.5	No known change
E17	Whitelee	140	70	80	110	37.5	No known change
Consented Wind Energy Development included in the CLVIA							
C01	Windy Standard Extension (Brockloch Rig)	30	80	80	100-120	5.5	No known change - under construction
C02	Afton	27	80	80	120	5.5	No status change - under construction
C03	Taiglim Farm	1	24	19.2	34.2	8.5	Progressed from application to consented
C04	Hare Hill Extension	39	60	72	96	9.0	No known change
C05	Mansfield Mains	1	36.6	16.5	44.85	9.0	No known change
C06	Sanquhar 'Six'	6	80	100	130	10.5	Progressed from scoping to consented
C07	Sanquhar	12	80	93	130	12.5	No known change
C08	Dersalloch	23	80	90	125	14.0	No status change - under construction
C09	Whiteside Hill	11	80	82.4	121.2	14.5	No known change
C10	Glenmuckloch	8	79.5	108	133.5	15.0	Progressed from scoping to consented
C11	Torrs Hill	2	60	100	100	17.5	No known change
C12	Penbreck (duplicated in applications as only part of the scheme in South Lanarkshire Council (SLC) is consented)	6	80	90	125	21.0	No known change (3T in EAC still at application stage)
C13	Twentyshilling Hill	9	80	90	125	21.5	No status change - under construction
C14	Linburn Farm	2	40	54	67	24.5	Progressed from application to consented

Ref	Name	No. of turbines	HH	RD	BT	Distance	Status Changes (April 2015 to August 2016)
C15	Knockman Hill	5	55	52	81	25.0	No known change
C16	Kennoxhead	26	80	93	126.5	26.0	Progressed from application to consented
C17	Blackcraig Hill	23	65	90	110	27.0	No status change - under construction
C18	Galawhistle	22	70 - 80	82	110.2 (18T) - 121.2 (4T)	30.0	No status change - under construction
C19	Stoneyhill Farm	1	60	80	100	30.0	Consented
C20	Andershaw	14	81.5	117	140	30.5	No status change - under construction with updated turbine dimensions
C21	Cumberhead Wind Farm (Nutberry Extension)	16	85	90	126.5	30.65	Progressed from scoping to consented
C22	Kype Muir Extension	18	80 / 100	104	132 / 152	31.5	Consented
C23	Chapelton Farm	3	45	44	67	31.5	No known change
C24	Hazelside Farm	2	50	48	74	33.0	No known change
C25	Middle Muir	15	84	100 - 117	136 (8T) 152 (7T)	33.0	No known change in status. Maximum height remains unchanged but hub height and rotor diameter ranges have been amended.
C26	Hallburn Farm	1	40	54	77	33.5	Consented
C27	Dalquhandy	15	90	73	126.5	33.50	No known change
C28	Kype Muir	26	80	104	132	34.0	No known change
C29	Sneddon Law	15			130	34.0	No known change
C30	Mochrum Fell	11	75	100	126.5	35.0	Progressed from application to consented (following Appeal)
C31	Cleughhead Farm	1			79	35.0	No known change
C32	Yonderton Farm	1	34	34	51	35.0	No known change
C33	Dowhill	1	50	54	77	35.5	No known change
C34	Netherholm Farm	1	34	34	51	35.5	No known change
C35	Auchrobert	12	80	132	132	35.5	No status change - under construction
Wind Energy Development Applications included in the CLVIA							
A01	South Kyle	50	93	113	149.5	3.0	Awaiting Ministerial Determination

Ref	Name	No. of turbines	HH	RD	BT	Distance	Status Changes (April 2015 to August 2016)
A02	Pencloe	19	74.5	101	125	3.0	No status change - layout reduced to 19 turbines
A03	Benbrack	18			130	6.0	No change - PLI decision awaited
A04	Windy Rig	16	80	90	125	8.00	Progressed from scoping to application
A05	Polquhairn	9	60	80	100	10.5	No status change - pending consideration
A06	Garleffan	6	83	105	135.5	10.5	No status change - pending consideration. Reduced to 6 turbines
A07	Lorg	15	80 to 100	100	149.5 - 11T at 130	11.5	Progressed from scoping to application
A08	Sandy Knowe (revised scheme)	24	75	100	125	12.0	New application (revised scheme)
A09	Knockshinnoch	2	80	93	126.5	13.5	EAC minded to grant planning permission subject to a legal agreement
A10	High Glenmuir	1	35	54	62	14.0	No change - pending consideration
A11	Lethans	22	HH - 77.5 - 124 (range is dependent on RD range and BT total) RD - 104 - 117 BT - 7T @ 136, 10T @ 152, 5T @ 176			15.0	No status change - reduced to 22 turbines with amended heights
A12	Longburn (revised Burcote scheme)	10			134	15.5	New application (revised scheme)
A13	Keirs Hill	17	96.5	105	149	16.0	No change – PLI complete, awaiting Ministerial Determination ¹
A14	Ulzieside	12	80	90	125	16.5	No change - pending consideration
A15	Wether Hill Extension	11	60	80	100	17.5	Progressed from scoping to application
A16	Linfairn	17	76	101	126.5	19.5	Progressed from scoping to application (at PLI)
A17	Knockskae	11	85	82	126	20.5	Progressed from scoping to application
A18	Penbreck (duplicated in consented as part of the scheme in SLC is consented)	9 (6 in SLC, 3 in EAC)	80	90	125	21.0	EAC application still not consented

¹ It has been noted that this application has now been refused.



Ref	Name	No. of turbines	HH	RD	BT	Distance	Status Changes (April 2015 to August 2016)
A19	Fowler Farm	1	40	54	67	21.0	<i>No change - at Local Review Body</i>
A20	Margree	17	68.5	103	120	23.0	<i>Pending consideration with amended turbine dimensions</i>
A21	<i>Loch Hill (revised scheme)</i>	8	75	103	126.5	24.0	<i>New application (revised scheme)</i>
A22	<i>Bankend Rig II (Bankend Rig Extension)</i>	3	84	104	136	26.5	<i>Progressed from scoping to application</i>
A23	Hadyard Hill Extension	31	74.5	104	126.5	26.5	<i>New application</i>
A24	Glentaggart	5	80	104	132	31.5	<i>No change - pending consideration</i>
A25	Feoch	1	40	54	67	32.0	<i>No change - pending consideration</i>
A26	<i>Alton Muirhouse Farm</i>	2	79.5	101	130	33.0	<i>Progressed from scoping to application</i>
A27	<i>Balunton Hill</i>	9	85	82	126	33.0	<i>Progressed from scoping to application</i>
A28	<i>Douglas West</i>	15	80	81	126.5	34.5	<i>Progressed from scoping to application</i>