



Appendix 4 – Site requirements

Flexible Service requirement Autumn 2020

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1 Service parameters

Figure 1: Service parameters

	Sustain	Secure	Dynamic	Restore
Minimum Declarable Capacity	50kW	50kW	50kW	50kW
Minimum Utilisation Duration Capability	30 mins	30 mins	30 mins	30 mins
Minimum Utilisation	30 mins	30 mins	30 mins	30 mins
Maximum Ramping Period	N/A	<15 mins	<2 mins	<2 mins
Availability Agreement Period	N/A	Contract stage	Contract stage	Contract stage
Utilisation Instruction Notification Period	Scheduled in advance	Contract stage	Real Time	Real Time
When required?	Scheduled forecast overload	Pre-fault / peak shaving	Network abnormality / planned outage	Network Abnormality
Risk to Network	Low	Medium	High	High
Utilisation Certainty	High	High	Low	Low
Frequency of Use*	High	Medium	Low	Low

2 Site specific requirements

Figure 2 details the specific requirements for each of our sites. For further detail on service windows, please see Appendix 5 – Half Hourly Requirements, and for further locational details please see the our flexibility map at www.enwl.co.uk/flexible-services.

Figure 2: site specific requirements

Substation Name	Post Codes	Voltage of connection (kV)	Maximum requirement (MVA)	Need type	Delivery start date	Months required	Times required	Days required	Estimated availability hours	Estimated utilisation hours
Ardwick	M1 2,3&7; M12 0,4-6; M13 0,1&9; M14 4,5&7; M15 6; M18 7&8; M60 1,6&7	0.24/11kV	FY22 : 6 FY23 : 7.23	Secure	01/04/2021	Apr-Mar	All day	Everyday	8760	FY22 : 1540 FY23 : 2014
Blackfriars	M3 1,4-7; M60 7&9; M7 0-2; M7 4&9; M8 8&9	0.24/11kV	FY22 : 3 FY23 : 3.78	Secure	01/11/2021	Nov-Jan	All day	Everyday	2208	FY22 : 297 FY23 : 459
Chester Rd	M15 4; M16 0,1&9; M17 1; M32 0	0.24/11kV	FY22 : 4.9 FY23 : 6.51	Sustain	01/11/2021	All year	All day	Everyday	8760	FY22 : 2838 FY23 : 4184
Cloughton	LA2 8&9	0.24/11kV	FY22 : 0.13 FY23 : 0.18	Dynamic	01/12/2021	FY22 : Dec-Feb FY23 : Dec-Mar	06:30 - 19:30	Everyday	FY22 : 1170 FY23 : 1573	100

Substation Name	Post Codes	Voltage of connection (kV)	Maximum requirement (MVA)	Need type	Delivery start date	Months required	Times required	Days required	Estimated availability hours	Estimated utilisation hours
Coniston	LA12 8; LA20 6; LA21 8; LA22 0	0.24/11kV	FY22 : 0.58 FY23 : 0.63	Dynamic	01/04/2021	All year	All day	Everyday	8760	100
Easton	CA6 5&6	0.24/11kV	FY23 : 0.19	Dynamic	01/11/2022	Nov-Mar	17:00 - 19:00	Everyday	FY23 : 302	100
Frederick Rd BSP	M17 1&8; M2 4; M3 1,3-7; M3 9; M30 0&3; M30 7-9; M5 0,2,3-5; M50 1-3; M50 9; M6 5-8; M60 1,7&9; M7 0-4&9; M8 8&9	0.24/33kV	FY22 : 9.3 FY23 : 21.6	Secure	01/12/2021	FY22 : Dec-Jan FY23 : Dec-Mar	FY22 : 08:30 - 18:30 FY23 : 07:00 - 20:30	Sunday, Monday, Tuesday, Wednesday, Thursday, Friday	FY22 : 550 FY23 : 1755	FY22 : 18 FY23 : 435
Kirkby Lonsdale	LA2 8; LA6 1-2; LA7 7	0.24/11kV	FY22 : 0.3 FY23 : 0.58	Secure	01/01/2021	FY22 : Jan-Feb FY23 : Dec-Feb	FY22 : 16:00 - 18:00 FY23 : 10:30 - 18:00	FY22 : Friday, Saturday, Monday FY23 : Monday, Tuesday, Wednesday, Thursday, Friday, Saturday	FY22 : 52 FY23 : 592	FY22 : 4 FY23 : 16

Substation Name	Post Codes	Voltage of connection (kV)	Maximum requirement (MVA)	Need type	Delivery start date	Months required	Times required	Days required	Estimated availability hours	Estimated utilisation hours
Lower Darwen BSP	BB1 1-9; BB2 1-7&9; BB3 0-3&9; BB6 7&8; PR1 1; PR6 8	0.24/33kV	FY22 : 9.3 FY23 : 11.38	Secure	01/11/2021	Nov-Mar	FY22 : 07:30 - 19:30 FY23 : 07:30 - 20:00	FY22 : Monday, Tuesday, Wednesday, Thursday, Friday FY23 : Monday, Tuesday, Wednesday, Thursday, Friday, Sunday	FY22 : 1344 FY23 : 1625	FY22 : 334 FY23 : 525
Lyons Rd	M17 1; M31 2; M41 7	0.24/11kV	FY22 : 0.88	Sustain	01/04/2021	All year	05:00 - 00:00	Monday, Tuesday, Wednesday, Thursday, Friday	FY22 : 5016	FY22 : 229
Mosley Rd	BL9 8&9; M24 4; M25 2-3; M25 5-7; M26 0&4; M45 6-9; OL10 2	0.24/11kV	FY22 : 3.1 FY23 : 4.2	Secure	01/04/2021	All year	FY22 : 07:30 - 15:30 FY23 : 07:00 - 16:00	Monday, Tuesday, Wednesday, Thursday, Friday	FY22 : 2112 FY23 : 2367	FY22 : 141 FY23 : 307
Moss Lane	M17 1	0.24/11kV	FY22 : 3.14 FY23 : 4.38	Secure	01/10/2021	Oct-Mar	All day	FY22 : Sunday, Monday, Tuesday, Wednesday, Thursday, Friday FY23 : Everyday	FY22 : 3792 FY23 : 4368	FY22 : 194 FY23 : 347

Substation Name	Post Codes	Voltage of connection (kV)	Maximum requirement (MVA)	Need type	Delivery start date	Months required	Times required	Days required	Estimated availability hours	Estimated utilisation hours
Moss Side (Leyland) & Seven Stars	M10 7; M27 2&8; M3 1&4; M4 2,4&5; M40 7; M60 0,4&9; M7 0,-2; M7 4&9; M8 0,6-9	0.24/11kV	FY22 : 4.25 FY23 : 4.39	Secure	01/04/2021	All year	FY22 : 07:00 - 20:00 FY23 : 07:00 - 20:30	Sunday, Monday, Tuesday, Wednesday, Thursday, Friday	FY22 : 4095 FY23 : 4225	FY22 : 1116 FY23 : 1196
Strangeways	PR25 1-3; PR25 9; PR26 6-9; PR5 1-3&7; PR7 5&6	0.24/11kV	FY22 : 2.3 FY23 : 3.58	Secure	01/11/2021	Nov-Mar	FY22 : 09:30 - 17:30 FY23 : 09:30 - 18:00	Monday, Tuesday, Wednesday, Thursday, Friday	FY22 : 896 FY23 : 943	FY22 : 117 FY23 : 396
Trafford	M16 0; M17 1; M32 0; M50 2	0.24/11kV	FY22 : 1.1 FY23 : 1.79	Secure	01/12/2021	FY22 - Dec FY23 - Dec-Jan	FY22 : 11:30 - 17:30 FY23 : 08:30-18:00	FY22 : Wednesday FY23 : Monday, Tuesday, Wednesday	FY22 : 54 FY23 : 266	FY22 : 10 FY23 : 18

Substation Name	Post Codes	Voltage of connection (kV)	Maximum requirement (MVA)	Need type	Delivery start date	Months required	Times required	Days required	Estimated availability hours	Estimated utilisation hours
Wigan BSP	WN1 1-3&9; WN2 1-5; WN3 4-6; WN4 0,8&9; WN5 0,7-9; WN6 0,7-9	0.24/33kV	FY23 : 2.1	Secure	01/12/2022	Dec	16:00 - 17:30	Monday, Wednesday	FY23 : 15	FY23 : 3
Wigton	CA5 3-6; CA7 0-5; CA7 7-9	0.24/11kV	FY22 : 0.26 FY23 : 0.43	Dynamic	01/11/2021	Jan-Feb	FY22 : 16:30 - 17:30 FY23 : 16:30 - 19:00	FY22 : Monday, Tuesday FY23 : Monday, Tuesday, Wednesday	FY22 : 47 FY23 : 67	100