

SECTION 6 – Network Management Hub Operational Procedures and Limitations

No	Operational Procedure	Status	Date
1	Actions following receipt of a Voltage transformer (VT) alarm fails associated with 33kV and 132kV metering.	Issue 3	Feb 2019
5	132kV inter-tripping tests and maintenance.	Issue 2	July 2008
6	System parallels at 6.6, 11 and 33kV	Issue 2	July 2008
7	Switching in of grid transformers	Issue 2	July 2008
11	Resetting of Trip Relays - 132kV system	Issue 2	July 2008
15	Wound Type, oil filled Voltage Transformers	Issue 2	July 2008
20	Roosecote Power Station MVar & Control	Issue 2	July 2008
21	System Abnormal Running - FMS Metering	Issue 2	July 2008
22	Operational Features of Sellafield Substation and BNFL CHP Generation	Issue 2	July 2008
24	Sellafield CHP Power Station MVar Control	Issue 2	July 2008
25	Carrington, Kearsley, Penwortham, Stalybridge, Sellafield, Rochdale, Whitegate and Bredbury Substations. GIS Switchgear with information on types across the system	Issue 3	September 2016
26	Bold Notes of Guidance	Issue 2	July 2008
29	Through Flow Control Protection Lower Darwen	Issue 2	July 2008
30	South Manchester 132kV Auto Close Scheme	Issue 3	April 2014
31	Pad/Ribblesdale 33kV system outages/faults	Issue 2	July 2008
32	Moss Nook / Matthews Farm Generation Operational notes	Issue 2	July 2008
35	Operational Aspects of F35 GIS 132kV Switchgear. Rochdale	Issue 2	July 2008
36	Record of Inter-System Safety Precautions	Issue 3	Dec 2013
37	Heysham - Barrow Off Shore Wind Farm Tripping Schemes	Issue 2	June 2013
39	Moss Lane Primary, Whitfield Operation of Auto close Scheme	Issue 3	Feb 2019
43	Instructions TO BE given to National Grid staff	Issue 2	July 2008
44	Use of Inter System Documents with Third Parties.	Issue 2	July 2008
45	Wigan BSP – ALRS	Issue 4	October 2013
46	Adswold Grid – Anti-Voltage Collapse and ALRS	Issue 1	May 2011
47	Salford Quays – Operation of Broadway Back-up Supply	Issue 2	Nov 2011

49	Bolton Grid - ALRS	Issue 1	Nov 2011
50	Culcheth Primary - Auto Close	Issue 2	July 2021
51	Norbreck 33kV Auto Cross Trip Scheme	Issue 1	April 2014
52	Siddick (609302) and Stainburn (609311) – DOC Protection Settings.	Issue 3	October 2016
53	No Reference to this Operational Procedure Found		
54	West Didsbury west didsbury 132kV (100008) – Automatic Load Reduction Scheme.	Issue 1	August 2014
58	Trafford – MUFC United Rd (F3180) Auto Close Scheme	Issue 1	September 2016
59	Baguley – 33kV Auto Close Scheme	Issue 1	July 2017
60	Gatley – 33kV Auto Close Scheme	Issue 1	July 2017
61	Cutacre Primary – 33kV Auto Close Scheme	Issue 1	November 2017
62	Operational Procedures for Class Installations	Issue 1	June 2018
63	Lancaster – GT3 Auto Close scheme	Issue 1	April 2019
64	Automatic Load Reduction Scheme at Carlisle BSP S/S (609609)	Issue 1	April 2019
65	Garstang Auto Close scheme	Issue 1	June 2019
66	Woodhouse Park Auto Close scheme	Issue 2	August 2019
67	A M Paper Mill Auto Close scheme	Issue 1	June 2019
68	Wigan BSP LV Supply – Auto Change Over scheme	Issue 1	August 2019
69	Ashton (ML) Primary (400401) Auto Close scheme	Issue 1	November 2019
70	Standish 33KV (200407) Auto Close to Gidlow (200408) scheme	Issue 1	November 2019
71	Heasandford Primary – Auto Close scheme	Issue 1	November 2019
72	Preston East BSP– Auto Trip scheme	Issue 2	May 2020
73	Blackfriars 100639 – Cross Trip Scheme	Issue 1	June 2020
74	Battery Saver Scheme	Issue 3	July 2021
75	Aspatia 33kV Substation Distance Protection Blocking & Intertripping Scheme	Issue 1	Dec 2020
76	Peel St Auto Close Scheme	Issue 2	July 2021

77	Thorley Lane Primary (100126)	Issue 2	Sept 2021
78	Dickinson St 6.6KV (100502) Bus-Section F-G Auto Close Scheme	Issue 1	July 2021
79	Avenham 33KV (400402) Auto Close To Ribble (400421) Scheme	Issue 1	Oct 2021
80	Greenhill (300024) – Auto Close Scheme	Issue 1	Feb 2022
81	Chadderton Grid (301101) - Auto Open Scheme	Issue 1	Oct 2022
82	Skelmersdale BSP (200401) – ALRS Scheme	Issue 1	Nov 2022
83	Hutton Auto Switching Scheme	Issue 1	Dec 2022
84	NOMA IDNO Substation No. 900090 Operating Procedure	Issue 1	Feb 2023
85	Red Bank Grid 100503 Auto Load Reduction Scheme	Issue 1	April 23
86	Ashton Under Lyne 6.6kV Bus Section B-C Auto Close Scheme	Issue 1	Sept 23
87	Park Rd Bacup BESS Auto Open Scheme	Issue 1	Sept 23
88	Vernon Park Grid (300289) – ALRS Scheme	Issue 1	Jan 24
89	Buxton Grid (303846) – Tripping Scheme	Issue 1	March 24

March
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No	Operational Limitations	Status	Date
N1	Radcliffe 11kV Substation Scheme	Issue 2	July 2008
N2			
N3			
N4			
N5	Hutton 132 kV	Issue 2	July 2008
N6			
N7	Trimpell 11kV Substation	Issue 2	July 2008
N8			
N9			
N10	Grid Transformer Cross Tripping Schemes	Issue 2	July 2008
N11			
N12			

N13	Risley 132/11kV Substation	Issue 2	July 2008
N14			
N15			
N16			
N17	Stubbins Primary	Withdrawn	April 2022
N18	Silver Lane Generation	Issue 3	Sept 23
N19	Withyfold Drive T12 Rating	Issue 1	Jan 24

Jan 24

Withdrawn

No	Operational Procedure	Status	Date
2	Operation of wall diagram in DSMC	Withdrawn	March 03
3	Field Control – operational guidance	Withdrawn	May 06
4	Operation of 132kV circuit breakers under emergency condition	Withdrawn	May 06
8	Telecontrol Operators Manual for DSMC	Withdrawn	May 06
9	Loss of unit protection on 132kV system	Withdrawn	May 06
10	“Earthing in Isolated Systems”, by NGC staff at Hutton and Whitegate Substations	Withdrawn	May 06
12	Testing the DSMC 150kw generator	Withdrawn	March 03
13	132kv system outage – contingency	Withdrawn	May 06
14	Kearsley 132kV s/s	Withdrawn	April 07
16	Auto reclose scheme bus couplers 130 and 230 at Stalybridge 132kV substation	Withdrawn	May 06
17	Operation of the Stanah/Penwortham West 132kV interconnected system	Withdrawn	Nov 04
18	Through Flow Limitation Protection On Lower Darwen 120	Withdrawn	Nov 04
19	South Manchester 132kV Substation Sgt Auto-Close/Trip Scheme	Withdrawn	May 06
23	Action required to alleviate alarm “flooding” of Telecontrol	Withdrawn	May 06
27	Iggesund Generation Stainburn – Siddick 33kV system Running.	Withdrawn	Sept 06

28	Closing NORWEB 132kV CB's at Bredbury	Withdrawn	November 04
33	DOC 6.4.4 Automatic Disconnection by LF Relays	Withdrawn	May 06
34	DOC 6.4.5 Emergency Manual Load Shedding irrespective of frequency	Withdrawn	May 06
38	Roman Rd Primary/Queen's Park Hospital Generation	Withdrawn	June 2013
40	Hazel Grove BSP - Parallels	Withdrawn	October 2013
48	Ormonde Offshore Windfarm - Emergency disconnection request from NGET	Withdrawn	June 2011
N2	Agecroft Load Reduction	Withdrawn	July 08
N6	Penwortham W/Stanah 132kV System	Withdrawn	November 04
41	Ribble BSP - Automatic Load Reduction Scheme	Withdrawn	April 14
42	Golborne BSP - LV switch board	Withdrawn	April 14
56	Is Limiter Installed at Bamber Bridge 33/11 kV S/S	Withdrawn	April 2019
57	Is Limiter Installed at Broadheath Primary 100134 33/11 kV S/S	Withdrawn	April 2019
55	Adaptive Protection in the Respond Project	Withdrawn	Dec 2020