

Primary Substation (A)	Tap Change Control ?	H = Hand Chg Spring	Leave / Fix taps ?	Parallel with	Action required to reduce fault level / circulating current. Where switching operations require the opening of Primary Transformer CB Tap Change Schemes shall be made Non-Auto. When opening Bus-Section CBs, then consideration shall be taken to make Tap Change Control Schemes Non-Auto.	Primary Substation B	Tap Change Control ?	H = Hand Chg Spring	Leave / Fix taps ?
Alderley	N	H	L	Bollington	Make Taps non auto at Chelford.		Y	-	L
				Handforth	No Action Required.		Y	H	L
				South East Macc	No Action Required.		Y	H	L
				South West Macc	No Action Required.		Y	-	F
				Wilmslow	No Action Required.		N	-	L
Chelford	Y	-	F	Bollington	No Action Required.		N	-	L
				Handforth	No Action Required.		N	H	F
				Withyfold Dr	Warning High Circulating current likely-use 2x Switchers to make / break parallel quickly.		N	H	F
				South East Macc	No Action Required.		Y	H	L
				South West Macc	No Action Required.		Y	-	L
Ashton Under Lyne A,B Busbars	Y	-	L	A-C Bus Sections via Network CB	Check Open Ashton U Lyne BC Bus Section CB. Open AB Bus Section CB		Y	-	L
				B-C Bus Sections via Network CB	Open AB Bus Section CB, Close BC Bus Section CB		Y	-	L
				B-C Bus Sections via BC Bus Section CB	Open AB Bus Section CB		Y	-	L
				Belgrave	Check Open Ashton U Lyne BC Bus Section CB. Open Belgrave AB Bus Section CB		Y	-	L
				Failsworth	Check Open Ashton U Lyne BC Bus Section CB. Open Ashton U Lyne AB Bus Section CB. Open Failsworth AB Bus Section CB		Y	H	F
				Hurst	Check Open Ashton U Lyne BC Bus Section CB. Open Ashton U Lyne AB Bus Section CB. Open Hurst AB Bus Section CB		N	-	L
				Snipe	Check Open Ashton U Lyne BC Bus Section CB. Open Ashton U Lyne AB Bus Section CB.		Y	-	L
				Tame Valley	Check Open Ashton U Lyne BC Bus Section CB. Open Tame Valley AB Bus Section CB		Y	H	L
Ashton Under Lyne C Busbar	Y	-	L	A-C Bus Sections via Network CB	Check Open Ashton U Lyne BC Bus Section CB. Open AB Bus Section CB		Y	-	L
				B-C Bus Sections via Network CB	Open AB Bus Section CB, Close BC Bus Section CB		Y	-	L
				B-C Bus Sections via BC Bus Section CB	Open AB Bus Section CB		Y	-	L
				Hurst	Check Open Ashton U Lyne BC Bus Section CB. Open Hurst AB Bus Section CB		N	-	L
				Snipe	Check Open Ashton U Lyne BC Bus Section CB.		Y	-	L
				Tame Valley	Check Open Ashton U Lyne BC Bus Section CB. Open Tame Valley AB Bus Section CB		Y	H	L
Ashwood Dale	Y	-	L	Waterswallows	No Action Required.		N	-	L
Belgrave	Y	-	L	Ashton U Lyne	See Ashton U Lyne		Y	-	L
				Greenhill	Open Greenhill BC Bus Section CB and Zetex Lansdowne Rd No.1 CB. Open Belgrave AB Bus Section CB.		N	-	L
				Hurst	Open AB Bus Section CB at both Primaries		N	-	L
				Werneth	Open Belgrave AB Bus Section CB. Open Werneth AB Bus Section CB.		N	H	L
Bollington	N	-	L	Alderley	See Alderley / Chelford		N	H	L
				Chelford	See Alderley / Chelford		Y	-	F
				Hawk Green	No Action Required.		Y	-	L
				Poynton	No Action Required.		Y	-	L
				South East Macc	No Action Required.		Y	-	L
				Withyfold Dr	Open Bollington AB Bus Section CB		N	H	F
Bramhall	N	-	L	Green Ln	Open Bramhall AB Bus Section CB. Open Green Ln AB Bus Section CB		Y	H	L
				Norbury	No Action Required.		N	H	L
				Poynton	No Action Required.		Y	-	L
				Hawk Green	No Action Required.		N	-	L
Brinksway	N	-	L	Cheadle Heath	Open AB Bus Section CB at both Primaries		N	-	L
				Heaton Moor	Open AB Bus Section CB at both Primaries		N	-	L
				Portwood	Open Brinksway AB Bus Section or T12 CB. Open Portwood AB Bus Section CB.		N	H	L
				Winifred Rd	Open AB Bus Section CB at both Primaries		N	-	F
Castleton	Y	-	L	Milnrow	Open AB Bus Section CB at both Primaries		Y	H	L
				Rochdale Central	Open Castleton AB Bus Section. Open Rochdale Central AB & /OR BC Bus Section CB.		N	-	L
				Woodbine St	Open AB Bus Section CB at both Primaries		Y	H	L

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Chadderton	N	-	L	Greenhill	Open Greenhill BC Bus Section CB and Zetex Lansdowne Rd No.1 CB.		N	-	L
				Hollinwood	Open Chadderton T12/1 & T12/2 CB'S.				
				Werneth	Open Werneth AB Bus Section CB				
				Willowbank	Open Willowbank AB Bus Section CB				
Cheadle Heath	N	-	L	Brinksway	See Brinksway		N	-	L
				Cheadle Hulme	Open AB Bus Section CB at both Primaries				
				Heaton Moor	Open AB Bus Section CB at both Primaries				
				Higher Mill	Open AB Bus Section CB at both Primaries				
				Winifred Rd	Open Winifred Rd AB Bus Section CB				
Cheadle Hulme	Y	H	F	Cheadle Heath	See Cheadle Heath		N	-	L
Denton East (MCR)	Y	-	F	Snipe	Open Denton East AB Bus Section CB		Y	-	L
Didsbury (MCR)	Y	-	F	Heaton Moor	Open AB Bus Section CB at both Primaries		N	-	L
Disley	Y	-	F	Gowhole	No Action Required.		N	-	L
				Hawke Green	No Action Required.				
Droylsden East (MCR)	Y	-	L	Snipe	Open AB Bus Section CB at both Primaries.		Y	-	L
Dukinfield	N	H	L	Hyde	Dukinfield Pry: Constrain Unit A Broadway Generation (329439). See GP259		Y	-	L
				Newton	Dukinfield Pry: Constrain Unit A Broadway Generation (329439). See GP259				
				Tame Valley	Open Dukinfield AB Bus Section CB and Robinson Kershaws No.2 CB and Constrain Unit A Broadway Generation (329439). See GP259. Open Tame Valley AB Bus Section CB				
Ferodo	N	-	L	Gowhole	No Action Required.		N	-	L
				Waterswallows	No Action Required.				
Gale	Y	H	L	Rochdale Central	Open Rochdale Central AB & BC Bus Section CB.		N	-	L
				Spotland	Open Gale AB Bus Section CB.				
				Wardleworth	Open Wardleworth AB Bus Section CB and Pitt St No1 CB. Open Gale AB Bus Section CB				
				Whitworth	No Action Required.				
Glossop	Y	-	L	Hadfield	Open Hadfield AB Bus Section CB		N	H	L
				Hattersley	No Action Required.				
				Gowhole	No Action Required.				
Gowhole (New Mills)	N	-	L	Hawk Green	No Action Required.		N	-	L
				Disley	See Disley				
				Hattersley	Open Gowhole AB Bus Section CB.				
				Ferodo	See Ferodo				
				Glossop	See Glossop				
Greenfield	Y	-	L	Mossley	Open Mossley AB Bus Section CB.		N	H	L
Greenhill A,B Busbars	N	-	L	Belgrave	See Belgrave		Y	H	L
				Chadderton	See Chadderton				
				Heyside	Open Greenhill BC Bus Section CB and Zetex Lansdowne Rd No.1 CB. Open Heyside A-B Bus Section CB				
				St Marys	Open Greenhill BC Bus Section CB and Zetex Lansdowne Rd No1 CB. Open St Marys AB Bus Section CB.				
				Waterhead	Open Greenhill BC Bus Section CB and Zetex Lansdowne Rd No.1 CB.				
Greenhill C Busbar	N	-	L	Belgrave	See Belgrave		Y	H	L
				St Marys	Open Greenhill BC Bus Section CB and Zetex Lansdowne Rd No.1 CB. Open St Marys AB Bus Section CB.				
				Waterhead	Open Greenhill BC Bus Section CB and Zetex Lansdowne Rd No.1 CB.				
				Willowbank	Open Greenhill BC Bus section CB and Zetex Lansdowne Rd No.1 CB. Open Willowbank AB Bus Section CB.				
Green Ln	Y	H	L	Bramhall	See Bramhall		N	-	L
				Romiley	Open Green Ln Bus Section CB. Open Romiley AB Bus Section CB				
				Norbury	Open Green Ln Bus Section CB				
				Offerton	Open Green Ln Bus Section CB. Open Offerton AB Bus Section CB				
Hadfield	Y	N	L	Glossop	See Glossop		Y	-	L
				Hattersley	Open Hadfield AB Bus Section CB. Open Hattersley AB Bus Section CB				

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Handforth	N	H	L	Alderley / Chelford	Fix Chelford Taps only		N	H	F
				Moss Nook (MCR)	Open Handforth AB Bus section CB and Bulkeley Rd No.1 CB. Field Engineer to contact Mathews Fm CHP Generation Control Room tel: No 0121-712-1970 optn 2 then optn 4. or Jason Harris (Ops Supervisor) 07720 683856 to agree time of non generation to make parallel.(If possible this should be requested 24hrs in advance) DSMC to confirm less than 15Amps on Mathew Farm CHP Generation feeder at Moss Nook Pry via NMS prior to parallel.		Y	-	F
				Norbury	No Action Required.		N	H	L
				Wilmslow			N	H	L
				Withyfold Dr	No Action Required.		N	H	F
				Poynton	No Action Required.		Y	-	L
							N	-	L
Hattersley	Y	-	L	Glossop	See Glossop		N	-	L
				Gowhole	See Gowhole		N	-	L
				Hadfield	See Hadfield		Y	H	L
				Heyrod	No Action Required.		N	-	L
				Hyde	No Action Required.		Y	-	L
				Newton	Open Hattersley AB Bus Section CB.		N	H	F
				Tame Valley	No Action Required.		Y	H	L
Hawk Green	N	-	L	Bramhall	See Bramhall		N	-	L
				Bollington	See Bollington		Y	-	L
				Disley	See Disley		Y	-	F
				Gowhole	See Gowhole		N	-	L
				Marple	No Action Required.		N	-	F
				Norbury	No Action Required.		N	H	L
				Poynton	Open Poynton AB Bus Section CB.		Y	-	L
Heaton Moor	N	-	L	Romiley	Open AB Bus Section CB at both Primaries		N	-	L
				Brinksway	See Brinksway		N	-	L
				Cheadle Heath	See Cheadle Heath		N	-	L
				Didsbury	See Didsbury		Y	-	F
				Heaton Norris	Open Heaton Norris AB Bus Section CB and UB Brands No.3 CB. Open Heaton Moor AB Bus Section CB		N	H	L
				Levenshulme (MCR)	Open AB Bus Section CB at both Primaries		Y	-	L
				Portwood	Open Heaton Moor AB Bus Section CB		Y	H	L
Heaton Norris	N	H	L	Heaton Moor	See Heaton Moor		N	-	L
				Levenshulme (MCR)	Open Lenenshulme AB Bus Section CB. Open Heaton Norris AB Bus Section CB and UB Brands No.3 CB.		Y	-	L
				Portwood	During office hours and evenings peak load time Open Heaton Norris T11 CB. Open Portwood AB Bus Section CB		Y	H	L
				Reddish Vale	Open Reddish Vale AB Bus Section CB.		Y	-	L
Heyrod	N	-	L	Hattersley	See Hattersley		Y	H	L
				Hurst	Open Hurst AB Bus Section CB.		N	-	L
				Tame Valley	Open Tame Valley AB Bus Section CB		Y	H	L
Heyside	N	H	L	Greenhill	See Greenhill		N	-	L
				Royton	Open AB Bus Section CB at both Primaries.		Y	-	L
				Shaw	Open Shaw AB Bus Section CB		Y	-	L
				Waterhead	Open Heyside AB Bus Section CB		N	H	L
Heywood	Y	-	L	Rochdale Central	Open Heywood AB Bus Section CB		N	-	L
Higher Mill	Y	-	L	Cheadle Heath	See Cheadle Heath		N	-	L
Hollinwood	Y	-	L	Chadderton	See Chadderton		N	-	L
				Werneth	Open Hollinwood T12 CB. Open Werneth AB Bus Section CB.		N	H	L
				Ashton U Lyne	See Ashton U Lyne		Y	-	L
Hurst	N	-	L	Belgrave	See Belgrave		Y	-	L
				Heyrod	See Heyrod		N	-	L
				Tame Vallley	Open AB Bus Section CB at both Primaries		Y	H	L
				Dukinfield	See Dukinfield		N	H	L
Hyde	Y	-	L	Hattersley	See Hattersley		Y	-	L
				Newton	No Action Required.		N	H	F
					No Action Required.				
Kingsway	Y	-	L	None	No Action Required.				
Langley	N	-	L	Middleton Junction	No Action Required.		Y	-	L
				Townley St	No Action Required.		N	-	F
Levenshulme (MCR)	Y	-	L	Heaton Moor	See Heaton Moor		N	-	L
				Heaton Norris	See Heaton Norris		N	H	L
Littleborough	N	H	L	Wardleworth	No Action Required.		Y	-	L
Marple	N	-	L	Hawk Green	See Hawk Green		N	-	L
				Langley	See Langley		N	-	L
Middleton Junction	Y	-	L	Townley St	No Action Required.		N	-	L
				Willowbank	Open Willowbank AB Bus Section CB		Y	-	L

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Milnrow	Y	H	L	Castleton	See Castleton		Y	-	L
				Rochdale Central	Open Milnrow AB Bus Section. Open Rochdale Central AB & OR BC Bus Section CB		N	-	L
				Wardleworth	Open Milnrow AB Bus Section CB. Open Wardleworth AB Bus Section CB and Pitt St No1 CB		Y	-	L
				Woodbine St	Open Milnrow AB Bus Section CB.		Y	H	L
Moss Nook (MCR)	Y	-	F	Handforth	See Handforth		Y	H	H
Mossley	N	H	L	Greenfield	See Greenfield		Y	-	L
Newton	N	H	F	Dukinfield	See Dukinfield		N	H	L
				Hattersley	See Hattersley		Y	-	L
				Hyde	See Hyde		Y	-	L
Norbury	N	H	L	Bramhall	See Bramhall		N	-	L
				Green Ln	See Green Ln		Y	H	L
				Handforth	See Handforth		N	H	F
				Hawk Green	See Hawk Green		N	-	L
				Poynton	No Action Required.		Y	-	L
Offerton	N	H	L	Green Ln	See Green Ln		Y	H	L
				Portwood	Between October and March and at High Load Periods, transfer 1MW of load to Offerton and at least 1 MW off at Portwood, then open T11 6.6kV CB at Offerton and equalise volts. Open Portwood AB Bus section CB		N	H	L
				Winifred Rd	Open AB Bus Section CB at both Primaries		N	-	F
				Brinksway	See Brinksway		N	-	L
Portwood	N	H	L	Heaton Moor	See Heaton Moor		N	-	L
				Heaton Norris	See Heaton Norris		N	H	L
				Offerton	See Offerton		N	H	L
				Reddish Vale	Open Reddish Vale T11 CB.		Y	-	L
				Winifred Rd	Open AB Bus Section CB at both Primaries		Y	H	F
				Bollington	See Bollington		N	-	L
Poynton	Y	-	L	Bramhall	See Bramhall		N	-	L
				Handforth	See Handforth		Y	H	L
				Hawk Green	See Hawk Green		N	-	L
				Norbury	See Norbury		N	H	L
				Withyfold Dr	Open Poynton AB Bus Section CB.		N	H	F
				Heaton Norris	See Heaton Norris		N	H	L
Reddish Vale	Y	-	L	Portwood	See Portwood		Y	H	L
				Castleton	See Castleton		Y	-	L
Rochdale Central	N	-	L	Gale	See Gale		Y	H	L
				Heywood	See Heywood		Y	H	L
				Milnrow	See Milnrow		Y	H	L
				Spotland	Open Rochdale Central AB & /OR BC Bus Section CB's. Open Spotland AB Bus Section CB		Y	-	L
				Wardleworth	Open Rochdale Central AB & /OR BC Bus Section CB's. Open Wardleworth AB Bus Section CB and Pitt St No.2 CB		Y	-	L
				Woodbine St	Open Woodbine St AB Bus Section CB		Y	H	F
				Green Ln	See Green Ln		Y	H	L
Romiley	N	-	L	Hawk Green	See Hawk Green		N	-	F
				Woodley	Open AB Bus Section CB at both Primaries.		N	H	L
Royton	Y	-	L	Heyside	See Heyside		Y	H	L
				Shaw	Open AB Bus Section CB at both Primaries.		N	H	L
				Willowbank	Open AB Bus Section CB at both Primaries.		N	-	L
Shaw	Y	-	L	Heyside	See Heyside		Y	H	L
				Royton	See Royton		Y	-	L
Snipe	Y	-	L	Ashton U Lyne	See Ashton U Lyne		Y	-	L
				Denton East (MCR)	See Denton East		Y	-	F
				Droylsden East (MCR)	See Droylsden East		Y	-	L
South East Macc	Y	H	L	Alderley / Chelford	Fix Chelford Taps only		N	H	F
				Bollington	See Bollington		N	-	L
				Chelford	See Alderley / Chelford		Y	-	F
				Withyfold Dr	Open South East Macc AB Bus Section CB. Open Withyfold Dr BC Bus Section CB.		N	H	F
				South West Macc	No Action Required.		Y	-	L
South West Macc	Y	-	L	Alderley / Chelford	Fix Chelford Taps only		Y	-	F
				Withyfold Dr	Open South West Macc AB Bus Section CB. Open Withyfold Dr BC Bus Section CB.		N	H	F
				MEB	Agree action with MEB.				
				South East Macc	See South East Macc		Y	H	L
Spotland	N	-	L	Gale	See Gale		Y	H	L
				Rochdale Central	See Rochdale Central		N	-	L
St Marys	N	H	L	Greenhill	See Greenhill		N	-	L
				Werneth	Open St Marys AB Bus Section CB. Open Werneth AB Bus Section CB.		N	H	L
				Willowbank	Open AB Bus Section CB at both Primaries		N	-	L

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Tame Valley	Y	H	L	Ashton U Lyne		Y	- L
				Dukinfield		N	H L
				Hattersley		Y	- L
				Heyrod		N	- L
				Hurst		N	- L
Townley St	N	-	L	Middleton Junction		Y	- L
Wardleworth	Y	-	L	Gale		Y	H L
				Littleborough		Y	H L
				Milnrow		Y	H L
				Rochdale Central		Y	- L
Waterhead	N	H	L	Greenhill		N	- L
				Heyside		Y	H L
Waterswallows	N	-	L	Ashwood Dale		Y	- L
				Ferodo		N	- L
Werneth	N	H	L	Belgrave		Y	- L
				Chadderton		N	- L
				Hollinwood		Y	- L
				St Marys		N	H L
				Willowbank		Y	H L
Whitworth	Y	H	L	Gale		Y	H L
Wilmslow	N	-	L	Alderley / Chelford		N	H F
				Handforth		Y	H L
Willowbank	Y	-	L	Chadderton		N	- L
				Greenhill		N	- L
				Middleton Junction		Y	- L
				Royton		Y	- L
				St Marys		N	H L
				Werneth		N	H L
Winifred Rd	N	-	F	Brinksway		N	- L
				Cheadle Heath		N	- L
				Offerton		N	H L
				Portwood		N	H L
Withyfold Dr	N	H	F	Alderley		N	H F
				Chelford		Y	- F
				Bollington		N	- L
				Handforth		Y	H L
				Poynton		Y	- L
				South East Macc		Y	H L
				South West Macc		Y	- L
Woodbine St	Y	H	L	Castleton		Y	- L
				Milnrow		Y	H L
				Rochdale Central		Y	- L
Woodley	N	H	L	Romiley		N	- L