

WPD East Midlands Site Specific Technical Conditions

GSP	Appendix G	Power Factor Range	Emergency Disconnection	SGT ANM
Berkswell 132kV	Y	Y	Y	N
Bicker Fen 132kV	Y	Y	Y	Y
Chesterfield 132kV	Y	Y	Y	N
Coventry 132kV	Y	Y	Y	N
Drakelow 132kV	Y	Y	Y	N
East Claydon 132kV	Y	Y	Y	N
Enderby 132kV	Y	Y	Y	N
Grendon 132kV	Y	Y	Y	N
Lea Marston 132kV	Y	Y	Y	N
Ratcliffe 132kV	Y	Y	Y	N
Staythorpe 132kV	Y	Y	Y	Y
Stoke Bardolph 132kV	Y	Y	Y	N
Walpole 132kV	Y	Y	Y	N
West Burton 132kV	Y	Y	Y	Y
Willington 132kV	Y	Y	Y	N
		<i>In order to allow WPD to contain voltage within acceptable limits at the National Electricity Transmission System (NETS)/ Distribution System interface, the Customer must ensure that the generators (>=1MW) have the capability to operate between 0.95 leading and 0.95 lagging power factor. Customers will be advised of the target Power Factor within this range.</i>	<i>National Grid Electricity Transmission (NGET) has instructed that WPD shall maintain a facility such that under emergency conditions on the National Electricity Transmission System (NETS), WPD shall have the ability to de-energise embedded generation (>=1MW) upon instruction from NGET.</i>	<i>WPD has previously submitted a Statement of Works (SoW) request to National Grid Electricity Transmission (NGET) for other generation schemes in South Wales. This process has highlighted that thermal generation and/or storage will be prevented from connection until further works are completed. The assessment of these further works will require WPD to make a new Modification Application to NGET.</i>