

WPD West Midlands Site Specific Technical Conditions

GSP	Appendix G	Power Factor Range	Emergency Disconnection	Thermal Constraint
Bishops Wood 132kV	Y	Y	Y	N
Bushbury 132kV	Y	Y	Y	N
Bustleholm 132kV	Y	Y	Y	N
Cellarhead 132kV	Y	Y	Y	N
East Claydon 132kV	Y	Y	Y	N
Feckenham 66kV	Y	Y	Y	N
Iron Acton 132kV	Y	Y	Y	N
Ironbridge 132kV	Y	Y	Y	N
Kitwell 132kV	Y	Y	Y	N
Lea Marston 132kV	Y	Y	Y	N
Nechells East 132kV	Y	Y	Y	N
Ocker Hill 132kV	Y	Y	Y	N
Oldbury 132kV	Y	Y	Y	N
Penn 132kV	Y	Y	Y	N
Port Ham 132kV	Y	Y	Y	Y
Rugeley 132kV	Y	Y	Y	N
Shrewsbury 132kV	Y	Y	Y	N
Willenhall 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>