

## WPD West Midlands Site Specific Technical Conditions

GSP	Appendix G	Power Factor Range	Emergency Disconnection	SGT ANM
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	Y
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	N
Rugeley 132kV	Y	Y	Y	N
Shrewsbury 132kV	Y	Y	Y	N
Willenhall 132kV	Y	Y	Y	N
		<p><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 (&gt;=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></p>	<p><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 (&gt;=1MW) upon instruction from NGET.</i></p>	<p><i>The Customer's generation will be included in the SGT Active Network Management Scheme (ANM). The SGT ANM will automatically curtail the output of the Customer's generation in order to control power flow in reverse direction through the Supergrid Transformers (SGTs) at this Grid Supply Point</i></p>