

WPD South West Site Specific Technical Conditions

GSP	Appendix G	Power Factor Range	Emergency Disconnection	SWOT	SGT ANM	Connect & Manage
Abham 132kV	Y	Y	Y	Y	N	Y
Alverdiscott 132kV	Y	Y	Y	Y	Y	Y
Axminster 132kV	Y	Y	Y	Y	N	Y
Bridgwater 132kV	Y	Y	Y	Y	N	Y
Exeter 132kV	Y	Y	Y	Y	N	Y
Indian Queens 132kV	Y	Y	Y	Y	Y	Y
Iron Acton 132kV	Y	Y	Y	N	N	N
Landulph 132kV	Y	Y	Y	Y	N	Y
Melksham 132kV	TBC	Y	Y	N	N	N
Seabank 132kV	Y	Y	Y	N	N	N
Taunton 132kV	Y	Y	Y	Y	N	Y
		<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 ($\geq 1\text{MW}$) 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 ($\geq 1\text{MW}$) upon instruction from NGET.</i>	<i>The Customer's generation will be included in the South West Operational Tripping Scheme (the SWOTS) required by National Grid Electricity Transmission (NGET). The SWOTS will automatically constrain the Customer's generation output to zero during N-3 outage conditions on the National Electricity Transmission System (NETS).</i>	<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>	<i>The Customer's generation will be included in Connect & Manage arrangement to address transmission system constraints in the South West through NGET having better management, visibility and control of Distributed Energy Resources (DER).</i>