

NORTHERN POWERGRID 66kV CONNECTION - ICP DESIGN INFORMATION

66kV Connection Design Submission		NSP/007/028 - Design Submission Requirements	
Northern Powergrid Assesed Products Database		Link to Assesed Products Database	
66kV Connection			
	66kV Cable		
		Documentation	
			Network product specifications
			NPS/002/003 - Protective Tile, Tile Tape and Cable Ducting
			NPS/002/010 - Jointing Sundries
			NPS/002/011 - Cable Cleats and Saddles
			NPS/002/017 - 66kV and 132kV Cable Accessories
			NSP/002/022 - 66kV Power Cables
			NPS/002/024 - Fibre Cables
			Network Service Procedures
			NSP/002/001 - Installation of Distribution Power Cables
			NSP002 - Policy for the Installation of Distribution Power Cables
			PEP Guidance Documents
			N/A
	66kV Metered Connection		
		Documentation	
			Network product specifications
			NPS/003/010 - 400V LVAC Boards Utilised in Major Substations
			NPS/003/016 - 48V and 110V Battery and Charger Systems
			NPS/003/027 - 24V Telecontrol Battery and Charger
			NPS/003/001 - 33kV, 66kV and 132kV Voltage Transformers
			NPS/003/007 - 66kV and 132kV Disconnectors and Earth Switches
			NPS/003/008 - Air Insulated (AIS), 66kV and 132kV Circuit Breakers
			NPS/003/015 - Technical Specification for 33kV, 66kV and 132kV Post Insulators
			NPS/003/033 - Technical Specification for Substation Support Structures
			Network Service Procedures
			NSP/007/001 Guidance on Substation Design - Key Design Parameters
			NSP/007/002 Guidance on Substation Design - Design Risk Assessment
			NSP/007/003 Guidance on Substation Design - Construction Details
			NSP/007/005 Guidance on Substation Design - Electrical Design Clearances
			NSP/007/019 Guidance on Substation Design - Substation drawings
			NSP/007/025 Guidance on Substation Design - Working at Height
			NSP/007/026 Guidance on Substation Design - Confined Spaces
			66kV Substation Drawings
			Y017S2114C SINGLE SWITCH LAYOUT
			Y017S2116A LOOP IN LAYOUT
			Y017S2117A LOOP IN SECTIONS
			Y017S2118C SITE LAYOUT SINGLE SWITCH ARRANGEMENT
			Y017S2119C LOOP IN SITE LAYOUT
			Y017S2120B SUBSTATION EXTENSION FOR REMOTE CONNECTION
			Y017S2121C SUBSTATION EXTENSION FOR LOCAL CONNECTION
			Y017S2122B YORKSHIRE CONTROL ROOM
			Y017S2123C NORTHERN CONTROL ROOM
			Y017S2307B CONTROL ROOM HEATING AND LIGHTING LAYOUT
			Flood Defence
			IMP/001/012 – Code of Practice for Flood Mitigation at Operational Premises
			Security
			IMP/002 Security Policy
			Security Risk Assessment
			Substation Doors
			Intruder alarm - for security reasons details will be provided upon application
			Electric fencing - for security reasons details will be provided upon application
			Fire Alarm panel - Kentec Sigma panel and for addressable it's the Kentec single syncro
			Electrical Building Services Specification (please ask for details)