COMMUNICATION CABLE COLOUR CONVENTION

- Orange: Multimode Fibre Ring - Rodent Proof Multimode Optical Fibre Cable 48 Cores.
- Blue: Ethernet - Cat 5 Ethernet cable
- Red: SAS Multimode Fibre Ring - Rodent Proof Multimode Optical Fibre Cable 2 Cores.
- Purple: Rodent Proof Single Mode Optical Fibre Cable 2 Cores.

Notes:
1. Condition monitoring IEDs not included. Condition monitoring RS232/485 serial connections to field equipment as required.
2. Rodent Proof Fibre optic cable or Rodent/ Crush resistant fibre patch leads shall be utilised for inter-panel COMM link (RS232, RS485 or TCP/IP) to ensure electrical isolation between the control and protection panels.
3. Protection relay differential protection communications is not shown – refer functional specification.
4. The redundant pair Servers contain the SCADA data concentrator VMs, Condition Monitoring VMs and the HMIs VMs.
5. Protection signalling, Time Synchronisation and inter-tripping systems are not depicted in this diagram.