

AS-BUILT REQUIREMENTS CHECKLIST – ZONE SUBSTATION

Parent Work Order No:	Owner:	
REQUIRED INFORMATION FOR PROJECT WORKPACK	Approved Design Drawing Received from Contractor or Consultant (Date)	Approved As – Built Received from Contractor or Consultant (Date)
List of applicable Work Order numbers, complete with full description of work for each	N/A	
Equipment Test Certificates (To include but not limited to all Make and Model numbers of equipment, Serial Numbers, Test Results)	N/A	
Equipment Forms - As Required by this standard	N/A	
Single Line and Relay and Instrument Diagram		
Site Layout Drawings		
110kV/66kV/33kV/11kV/400volt/Communication Cable Route Drawings including Trench Profiles		
HV connection drawings		
Earthing Layout Drawings		
Switchyard Layout Drawings		
Switchyard Lighting Drawings		
Switchgear Room Layout Drawings		
Switchgear Electrical Drawings (typically provided by equipment supplier and as-built by the design consultant)	N/A	
Transformer Electrical Drawings (typically provided by equipment supplier and as-built by the design consultant)	N/A	
Landscaping and Security Fencing Drawings		
11kV Switchboard Installation Drawings (typically provided by equipment supplier and as-built by the design consultant)	N/A	
Protection Scheme Drawings in Accordance with Powerco Protection Systems Implementation Standard 392S018		
Oil Containment Drawing		
SCADA, AVR, Protection and Alarm Panel drawings		
Circuit Diagrams for Transformer/Line Protection, AVR and Alarms (if mounted in a dedicated panel)		
DC System Drawings (panel layouts and schematics)		
Switchroom/Transformer Room Architectural plans, elevations and detail drawings		
Switchroom/Transformer Room Structural/Civil plans, elevations and detail drawings		
400V AC System Drawings		
Switchgear Foundation Drawings		
Power and Control Cable Schedule and Block diagram		
Transformer Foundation Drawings		
Communications Architecture Drawings including SCADA Connection Diagram and SCADA / Time Sync Panel Design	N/A	
Issued for Construction Drawings submitted to Business Information		N/A
Approved As-Build Workpack submitted to Business Information	N/A	