

LIST OF PROJECT REFERENCES BY ZENITH GROUP & COMPANIES

1. Design, supply and assist in video commissioning of 108 Nos. of MLS 5.0 400V LV MCC Switchgear MDB for African Oil Field Projects (2019).
2. Design and supply and assist in video installation and commissioning of 2 Nos. custom made extension panels for 400V F660 LV MCC Switchgear MDB for African Oil Field Projects (2020).
3. Design and supply of spare drawers and spare parts for MLS 400V LV MCC Switchgear MDB for African Oil Field Projects (2020).
4. Supply and commissioning service of 40.5kV 1250A 25kA GIS for China Oil and Gas Tianjin Offshore Platform Projects are ongoing since 2008. Last extension projects of 40.5kV 1250A 31.5kA GIS (2008-2022).
5. Design and development of 12KV ZSD12 1250A 25kA Green Fixed Air Insulated LBS/FS/VCB switchgear up to 1250A 20/25/31.5/40/50kA for international infrastructure, oil & gas, buildings, and utility projects (2021). Products were completed and fully type tested to IEC 62271-100, 102, 105 and 200 & comply with TNB bulk tender specifications.
6. Design and supply of 28 panels of 12KV ZSD12-1250-25 Air Insulated Fixed VCB and 12kV ZSD12-1250A-T200-50kA Fused Switch Panels for Netherlands projects (2021).
7. Design and supply of 2 Panels of 12KV ZSD12 630-T125-40kA Fused Switch Panels for South Africa Lycopodium Mining Project (2022).
8. Design and supply 4 Panels of 12KV ZSD12 630A Dried Air Fixed Vacuum Contactor 40kA Fused Switch Panels for South Africa GCO Expansion Phase 1 Project (2022). Main contractor is from South Africa.
9. Design and supply of 2 sets IP54 AISI304 Stainless Steel Outdoor enclosure c/w 12kV ZSD12-630-25kA In-out panel c/w CT bushings & RCTs VTs for Oman Sohar Flourmill project (2022). Main contractor is from Oman.
10. Design and supply of 5 sets of 6.6kV ZSG12 AEG VCB Incomer c/w 4 sets AEG draw out fused-vacuum contactors (FC) for MV Motor starting for Poland/German main contractor for Tamaris Indonesia project (2022).
11. Design and supply of 20 sets 12kV Distribution panels for SALCON Malaysia for Bangladesh project (2021).
12. Design and supply of 8 sets of ZSD12 25kA VCB Panels for Argentina Aquatech Project (2022-2023). Main contractor is from US.
13. Design and development of 12kV 630A 1250A 2000A 31.5kA Tallboy VCB Switchgear rated at 50 Deg C ambient for Oman Utility Project was completed in solid works and product manual in 2021. Prototype VCBs were completed, and factory tested.
14. Manufacturing of 15 sets of 12kV 630A 1250A 2000A 31.5kA Tallboy VCB air

insulated Switchgear rated at 50 Deg C ambient for Oman Utility Project is ongoing with 12kV 630/1250A 25/31.5kA prototype panel completed.

15. Design and development of 12/24/40.5kV 630/1250/2000A 31.5KA GIS VCB using was completed in 2018 with prototype VCBs factory tested and available for type tests.
16. Design and applications of ABB Germany vacuum interrupters in the type tests of 12kV Embedded Pole VCB AIS and 12/24/36/40.5 RMUs and GIS. Prototype samples of 12/24/40kV RMU have been completed and passed internal factory power frequency and switching tests in 2022.
17. Design of LV/MV/SCS AIS/GIS Container substation design for Malaysian utility company and Philippines, Thailand goldmines by Australian main contractor. Project was completed successfully in 2019.
18. Design of MV Package substation for Africa such as Kenya and Ghana utilities. Design in solid works was completed in 2019.
19. Design and development of 24KV ZSD24 630/1250A Green Fixed Air/epoxy Insulated switchgear is ongoing by upgrading our successful ZSD12 AIS.
20. Design and development of 40.5kV 1250/2000A 31.5kA GIS. Design has completed in solid works. Project is expected to complete in 2024 for type tests.
21. Design and supply of 3 sets of ZSD12 25KA VCB Switchgear for Malaysia Kerteh 3MW Renewable Energy Plant (Completed and commissioned).
22. Design and supply of 7 sets of ZSD12 25kA VCB In/out Panels for Abu Dhabi Project (2023). Main contractor is from Europe. Project is in progress.

ZENITH ELECTRIC CO. (M) SDN BHD

ZENITH SWITCHGEAR (M) SDN BHD

JW POWER SOLUTIONS SDN BHD

JW DESIGN SOLUTIONS SDN BHD

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