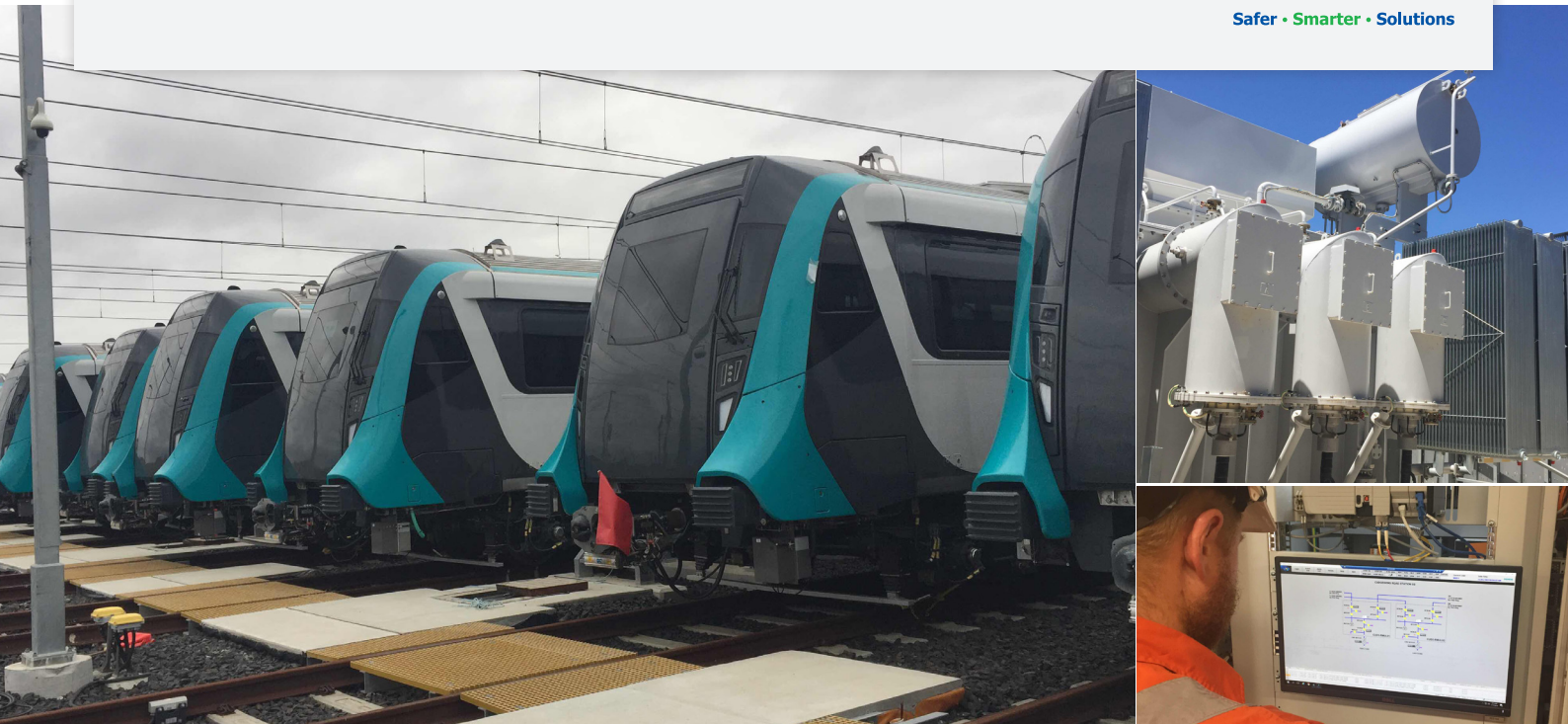


SYDNEY METRO NORTHWEST OPERATIONS AND MAINTENANCE



Sydney Metro Northwest is the first fully automated metro rail system in Australia and consists of 23 kilometres of newly constructed track from Tallawong Road to Epping and upgrades for the 13 kilometres of existing rail network between Epping and Chatswood. This upgrade project has also delivered eight new railway stations, 4,000 commuter car parks and a new high frequency single deck train system.

Client: Metro Trains Sydney

Year: May 2019 - present

Product/Service: Mechanical, Electrical and Instrumentation services – Operations and Maintenance

Scope of work

- Preventative and corrective maintenance on high voltage equipment including
 - 1 x 132kV Switchboard
 - 21 x 33kV Switchboards
 - 43 x 11kV Switchboards and RMUs
 - 10 x 1500V Switchboards and RMUs
 - 1 x 132/33/11kV Transformer
 - 10 x 33/0.6kV Traction transformers
 - 10 x Rectifiers
 - 10 x 33/11kV Transformers
- High voltage switching
- Develop and implement high voltage permit procedures and isolation procedures for MTS
- Develop MTS working procedures
- Manage high voltage substation access permits
- PCS Commissioning
- 24/7 operations and maintenance support

Project Delivery

Sydney's growing North West has one of the highest car ownership levels per household in Australia. The Sydney Metro Northwest upgrade project has provided an alternative transport option for commuters with trains operating every four minutes in the peak with at least 15 trains per hour.

Having previously delivered commissioning services on the upgrade project EnerMech was engaged to provide ongoing operations and maintenance support on Sydney Metro Northwest.

Our highly experienced AEO accredited team of rail subject matter experts have ensured the smooth transition into the operations phase and continued support through preventative and corrective maintenance campaigns.

Key Benefits

Development and implementation of comprehensive work packages, permitting and isolation procedures
Enhanced efficiency through seamless operations handover and technical support

Provision of highly experienced AEO accredited rail subject matter experts

10-person team provides 24/7 operations and maintenance support

