



## Arcteq protects Taiwan's longest tunnel

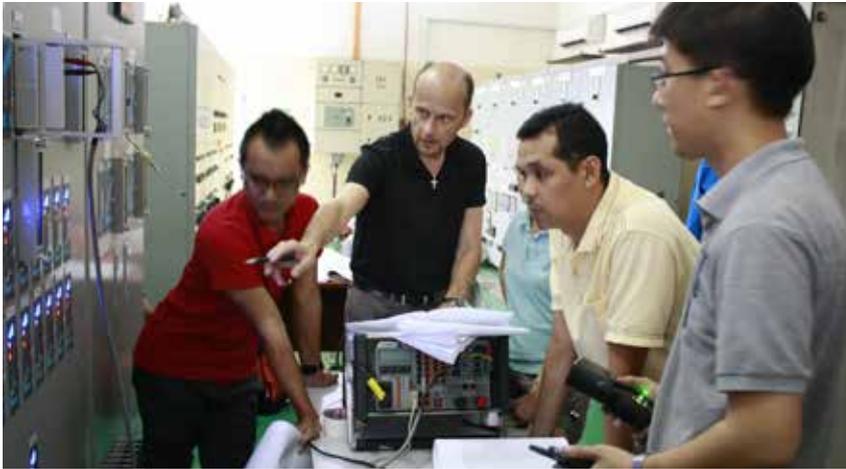
Arcteq was selected as a relay supplier for Hsueshan Tunnel retrofit project in Taiwan. This Asia's second longest and world's sixth longest tunnel, known also as a Snow Mountain Tunnel connects to and from Taipei for 13 kilometers.

Arcteq scope of supply includes AQ B398 for 161kV busbar protection, AQ T393 for 161/23.9kV three winding transformer protection and more than 60 AQ F215 and AQ F210 Feeder protection IEDs to protect, control and provide accurate measurements on tunnel's power distribution feeders. All Arcteq IEDs communicate using IEC 61850 to supervisory control and energy management systems. Integrated arc protection card with respective arc sensors was included in selected AQ F215 units to further enhance the switchgear safety by providing less than 10ms trip time in case of internal arc fault in 23.9kV switchgear.



AQ F215 feeder protection IEDs installed in 23.9kV panels.

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### TNB Malaysia installs AQ 100

The South-East Asia's largest power utility, Tenaga Nasional Berhad (commonly known as TNB) in Malaysia has retrofitted AQ 100 arc protection system to their 33kV and 11kV double busbar switchgears in PPU 33/11 kV Section 21, Shah Alam, Selangor substation. Arcteq was selected as a supplier to TNB after passing their rigorous supplier evaluation program.



### KLCC tower protected by Arcteq

The world tallest twin tower, the Petronas tower (KLCC) in Kuala Lumpur Malaysia is now protected by Arcteq's AQ 100 arc protection system. The AQ 100 is installed in 11kV switchgear with protection criteria combining overcurrent, arc light and arc pressure.

### South-Grid China installs AQ 100 to 11 substations

Arcteq has been selected to supply arc protection systems to China South-Grid 220/110/10kV and 110/10kV substations in Guiyan, Zunyi and Liupanshui Power System Bureaus.

### Arcteq motor protection to chemical plant

Malaysian switchgear builder, EPE Switchgear has delivered Arcteq's motor protection IEDs type AQ M210 to Sable Chemicals Ltd. plant in Zimbabwe.

### South-Korean built LNG vessel protected by Arcteq

Arcteq has supplied AQ 100 arc protection systems to LNG carrier built by STX Offshore & Shipbuilding Co. Ltd, Korea and operated by SELL Middle East under Hull numbers S-1912/13. Arcteq delivery consists of 40 pieces of AQ 100 arc protection relays and 300 pieces of AQ 01 arc protection units.



*AQ 100 arc protection system adaptation to PEA existing substation.*

### PEA Thailand approves Arcteq

Arcteq's AQ 100 arc protection system is added to Provincial Electricity Authority's (PEA) latest list of approved vendors.