

Client:
Royal Bank of Canada

Project:
Retrofit

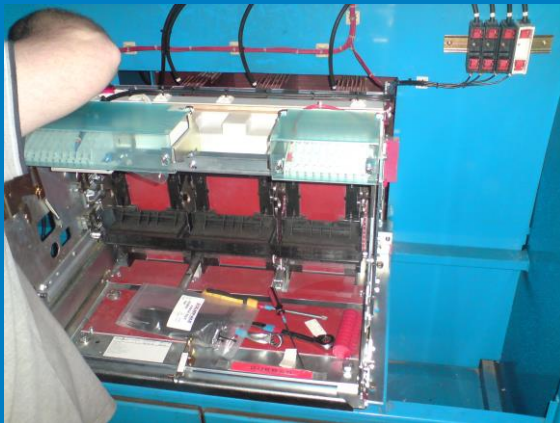
Location:
71 Queen Victoria Street, London

Retrofit Type:
24 x Merlin Gerin Selpact 1000A to TemPower 2
3 x Merlin Gerin DA 4000 4000A to TemPower 2

Capability

- 27 circuit breakers replaced by TemPower 2 retrofit ACBs
- Only one weekend shutdown
- No disturbance to switchboard or copperwork
- Safe and fast

"We've got what you need!"
- Terasaki Electric (Europe) Ltd



Direct Response Engineer Installing Retrofit ACB

REPLACEMENT OF 27 MERLIN GERIN ACBs WITH TERASAKI ACBs

The main electrical incomer to Royal Bank of Canada's UK headquarters in London was tripping spuriously and engineers became worried that a sudden and complete failure of the power supply could result. The faulty device, a Merlin Gerin DA 4000 ACB, was obsolete and irreparable. 26 other Selpact and DA 4000 ACBs in the switchboard were also obsolete.

Engineers had permission to shut down the main power supply for only one weekend – not long enough for the switchboard to be replaced or for any modifications to be made to the copperwork.

Terasaki's Direct Response Service Division had what they needed: a retrofit solution. The Terasaki TemPower 2 retrofit ACBs were designed to match the connections and mountings of the existing ACBs exactly. There was no need to modify the switchboard and all 27 ACBs were replaced safely and quickly.

Retrofit Details

- Merlin Gerin DA 4000 x 3
- Merlin Gerin Selpact x 24
- Building power down: 10:00 Friday
- 27 Terasaki TemPower 2 retrofit ACBs installed
- Building re-energised 12:00 Sunday



DA 4000 ACB: Access Restricted Due to Nuisance Tripping



Obsolete Merlin Gerin Selpact ACBs

