



PROTECTION & AUTOMATION CONTROL & RELAY PANEL



Protection & Automation:

PEME range of control and protection relay panels covers a wide range of relay protection logics with unmatched technical expertise. Created by highly skilled and professional teams of engineers in the fabrication units of its sister concerns, these panels fully conform to global quality standards and have emerged as the first and natural choice of heavy engineering industries, utility, power and infrastructure sectors. Power Economy also possesses the requisite resources to design, manufacture and test EHV, HV and Medium Voltage Protection Controls & Relay Panels.

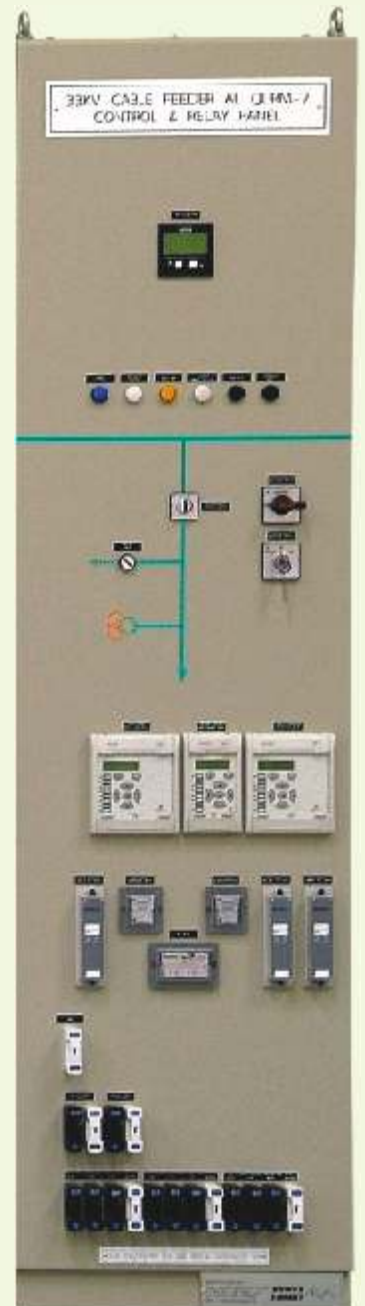
Variety marks the design of control and protection cubicles from PEME. The organization creates an impressive range of swing/fixed type relay panels, dead end front control panels, combined control & relay panels of simplex and duplex type, single/double slope control desk, mosaic type control panels, synchronizing panels of swing or pull-out cum swing type design, custom built panels for retrofitting and matching units-just to mention a few.

The control and relay panels manufactured are type tested at KEMA Netherlands for Ingress protection IP52 and widely used in utility/T&D sectors.

Team:

PEME has a cohesive, competent and committed team of engineers, who can offer single window solutions for substation project panels (covering control & protection relay panels), support for the supply of LV/MV switchgears, power quality and capacitor bank equipment from other divisions of PEME. Leading this team is PEME's technical head & Chief Engineer of Control & Relay panel division with a field experience of 35 years. The engineering team is backed by an equally dynamic marketing & service team.

All these factors add to the unsurpassed workmanship and quality that PEME products are synonymous with.





Equipment:

Protection panels engineered and supplied by PEME are equipped with branded protection/auxiliary relays manufactured by renowned suppliers. Similarly other control and panel components are procured from approved suppliers in accordance with customer specifications. Use of software like ELECDDES and PANELDES developed by SCADA system, New Zealand for layout and scheme drawings further enhances PEME's design capabilities.

Product range at a glance:

- O/H, U/G circuits with main protections like distance/F.O. optic/Pilot wire unit protection relays with back up O/C & E/F protection relays
- Transformer differential protection, with REF, SBEF etc.
- RTCC panels
- Bus section and bus-coupler circuits
- B/B protection panels
- Generator protection panel with synchronizing.
- Common panels like Annunciator, Marshalling panels (both indoor/out door type), Stainless steel type PWTC etc.
- Fault Monitoring System panels, DMS interface panels, Metering panels with main and check tariff meters
- Mimic panels with or without mosaic system
- Tailor-made control and protection and special application panels
- Package S/S

Services:

PEME's services include secondary engineering for S/S projects including CT, VT sizing, setting calculation studies, scheme engineering activities and testing and commissioning services.

One major factor attributed to the extraordinary success of PEME is its ability to adapt itself to the rapidly changing technical platforms and come up with innovative products & services in keeping with the market demands.

Driven by a desire to meet global standards in control technology and make its operations more comprehensive, PEME now distributes and provides services covering

- Substation Automation Engineering (SCMS & SCS)
- SCADA
- RTU
- MIS for Control Centre

PEME also manufactures approved substation automation products and supplies RTU panels, DMS interface panels with control command relays, transducers, GPS equipment, backed by site services from competent in-house team.



Quality assurance: Power Economy assures quality of all its product and services. Power Economy business process is certified for ISO:9001-2000



Power Economy Middle East Co. L.L.C

Industrial City of Abu Dhabi
P.O. Box 6072, Abu Dhabi, U.A.E.
Phone: +971-2-5501077
Fax: +971-2-5501066
Email: sales@powereconomy.net

To obtain details on all our products please visit us at
www.powereconomy.net

Power Economy reserves the right to change data and illustrations, due to technical development without prior notice.