

**WE ARE ALL STRONGER
WHEN WE WORK TOGETHER**

Protech Energy Group was established in 1996 and is an Australian owned and operated company that provides electrical engineering, renewable energy, and HV / LV installation, maintenance, testing and commissioning to the mining, power generation, and agri-industrial utilities and manufacturing sectors in Australia and the Asia- Pacific.

How can we help you keep your business going strong?
Call your Protech contact or one of our offices to arrange a quote.

1800 177 683 | 24 HOURS
protechenergy.com.au

HV/LV SERVICES

GENERAL

- HV Switching
- 24/7 call-outs and breakdown
- SF6 gas equipment contained leak repairs, handling, and analysis
- Earth grid installation & testing
- Partial Discharge testing
- HV Equipment Moving parts cleaning & lubrication
- HV PPE equipment testing
- Switchboard design, installation, and testing

HV & LV CABLES

- HV & LV Cable fault location & spiking
- HV & LV Cable joining, splicing & terminating to equipment
- HV & LV Cable testing

TRANSFORMERS AND GENERATORS

- Installation
- Routine inspections & Maintenance
- Overhaul and refurbishment
- Oil filtration online/off-line
- Condition monitoring and oil sampling
- Oven drying of transformer cores
- Internal inspection and fault repairs
- Tap changer maintenance
- Retro filling with environmentally friendly oil
- Programmed maintenance
- Gasket replacement

HV & LV MAINTENANCE & SERVICING

- High & low voltage substation installation/ maintenance/service
- High & low voltage Switchboard installation/ maintenance/service
- High & low voltage Circuit breaker installation/ maintenance/service
- High & low voltage equipment protection devices primary or secondary testing
- HV voltage equipment (Surge arrestors, CVTs, VTs, ABS's, insulators) installation/maintenance/service
- HV motors installation/maintenance/service

ELECTRICAL ENGINEERING SERVICES

- Power System Protection Design and Coordination Studies
- Engineering Procurement Construction and Management
- Power and Renewable Energy Systems
- SCADA and Control Systems Automation
- Lightning Protection and Insulation Coordination
- Arc Flash Studies
- Earthing Systems, Earth Grid Design and Assessment
- Specialist Engineering Services, Fault Investigation, Root-Cause Analysis
- Design and Drafting Services
- Advanced Testing and Commissioning
- HV Audits, Engineering Compliance, Owners Engineer Services & RPEQ Certification.
- Accredited Service Provider

RENEWABLE ENERGY SERVICES

Our renewable energy service is designed to help curb your business's energy bill. We look at your daily operation including your current power consumption levels, consumption patterns and power tariffs and then find where we can trim your existing costs. We use this data to design and implement a custom solar energy system for your business needs.

Being proactive with your maintenance can prevent costly delays, major downtime and disruption for your business.

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