

Electrical Protection Testing Pty Ltd offers a wide range of testing and commissioning services for high voltage power systems.

Protection relay and control systems testing and commissioning

EPT provides a complete range of electrical plant testing and commissioning services to assure the technical, operational, reliability, safety and efficiency aspects of power systems. *EPT's* core expertise lies in testing and commissioning. *EPT* provide inspection and test plans, factory acceptance testing, site acceptance testing, pre-commissioning and commissioning services for new and upgraded equipment. We test a system or plant to verify functional and safe operation, in accordance with the system design and manufacturer's specifications.

EPT offers experienced commissioning and application engineers to test, maintain and commission protection and control equipment in both greenfield and brownfield terminal stations/substations, ensuring safety and system integrity. Our highly skilled Engineers, Technicians and EFMs bring proven experience in the safe use of secondary and primary test equipment, including Omicron and Doble equipment. *EPT* engineers bring a whole of system detailed design background, and have extensive field and design experience integrating systems to existing plant and working to the highest safety standards.

EPT offers the following services:

- Protection & Control IED programming and testing (Distribution, Transmission and Generation systems)
- IEC 61850-8-1 and IEC 61850-9-2 configuration and testing
- Substation Automation System end to end integration and testing
- Factory Acceptance Testing
- Site Acceptance Testing
- Site integration and commissioning
- Site integration of transportable protection and control buildings
- Test plan development
- Protection co-ordination studies and site setting verification
- Protection and control scheme electrical design and drafting
- Building Services commissioning and integration
- Medium and High Voltage switchgear primary testing and commissioning
- Site supervision services and safety management

EPT engineers have experience across each of the following industries:

- Transmission Substations
- Distribution Substations
- Mining & Industrial
- Power Generation
- Commercial MV distribution

Please enquire for further information, and let us discuss your requirements and potential solutions. Client references and CV's are available on request.

Contact: Karl Schuster, 0409 378 047, karl.schuster@eptservices.com.au