

# Voltex Power Engineers

We manage electrical risk and improve plant reliability through design, protection, commissioning, auditing, maintenance and asset management.

## Head Office

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## Locations

Brisbane  
Sydney  
Melbourne  
Perth  
Darwin  
Santiago



Licence No: 72239

## Capability Statement

**VOLTEX**  
power engineers



# HV Electrical Engineering Consultants

As your trusted HV Electrical Engineering Consultants, **Voltex Power Engineers** (VPE) provide expertise in HV Power Systems and earthing design, equipment specifications and technical manuals, and power systems studies and analyses.

Voltex assist clients with HV installation testing and commissioning, including protection schemes, substation automation systems, and all aspects of renewable energy project grid connections.



# HV Audits & Asset Management

**Voltex Power Engineers** are QLD Accredited Safety Management Systems Auditors, and also HV and Hazardous Area (EEHA) Auditors.

Our Asset Management Programs can ensure your compliance with standards and regulations, and provide best practice maintenance and assessment of your critical electrical assets, for energy efficiency, reliability and risk mitigation.

## Power Systems Design & Studies

As your trusted HV Electrical Engineering Consultants, Voltex Power Engineers (VPE) provide expertise in HV Power Systems and earthing design, equipment specifications and technical manuals, and power systems studies and analyses.

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## Equipment Selection

We will assist you to select and specify the correct equipment, through simulation studies and in-depth analyses before you commence procurement.

## Project Management

The Voltex Group assist Project or Asset Managers of large power systems to deliver certainty of outcomes that meet quality, timing and price objectives. As a Client Representative, we tell you what you need to know, NOT what you might want to hear. With more than 100 years combined industry experience, Voltex have the knowledge and expertise to rescue projects in distress, and minimise damage and loss.

## Renewable Energy

Power systems and energy markets in Australia and overseas are undergoing rapid transformational change. Renewable Energy projects have seen numerous participants, EPCMs, subcontractors and investors flee the renewables market due to significant losses and delays.

Voltex Power Engineers' GC4 program provides a total solution for Scheduled and Semi-Scheduled Intending or Market Participants in the Australian National Energy Market (NEM).

## Auditing & Compliance

Most corporate procurement and legal teams seek to transfer risk to their suppliers or contractors. In reality all they transfer is the liability for certain risks. If your project is behind schedule, or your production is impacted by compliance or safety management issues, then these risks remain, as does your duty of care and the company's due diligence obligations.

Voltex' Accreditation in Safety Management Systems and HV and Hazardous Area (EEHA) Auditors, provides you with certainty in compliance assessment and risk mitigation of your critical electrical assets.

## HV Asset Management

Equipment lifecycle studies assist in planning equipment upgrade paths. This is critical to ensure your operation doesn't depend on obsolete equipment, not easily or quickly sourced in an emergency. Let Voltex assist you to best deliver HV Asset Management plans, improve energy management and efficiency, and minimise risks.

Voltex Power Engineers will assist Electrical Asset Managers throughout your Asset Management Plan stages. These may include an audit of assets, equipment condition assessment, energy efficiency measurements, design of corrective actions, project management and implementation of solutions, and recommissioning of equipment.

## HV Maintenance

The best designed HV Protection schemes are only effective if regularly tested to confirm correct operation. Voltex detailed reports will allow you to urgently address any critical issues, and maintain the confidence of your equipment and plant insurers.

Voltex are experienced with major clients and projects in the industries in which you operate. This means that we communicate with you in your language. We are familiar with all types of electrical equipment - circuit breakers, contactors, generators, motors, reclosers, protection relays, RMUs, Starters, Switchboards and Switchgear. We understand your equipment, so you won't pay us to "learn on the job".

