DC SYSTEMS: DESIGN AND INSTALLATION

CAPABILITY STATEMENT

OVERVIEW

Telecommunications equipment typically runs on DC power which means reliability is essential. In addition, much of this equipment requires 'clean' DC power that has redundancy so that in an event of incoming AC failure, the equipment will continue to operate.

THE IMPORTANCE OF RELIABLE DC POWER

Not only does reliable DC power improve the overall performance of the equipment, it can support optimum power quality.

For industrial and commercial end users, especially telecommunications suppliers, they benefit from reliable power to ensure ongoing uptime of critical services such as streaming data on mobile or NBN to voice, banking, emergency services etc.

TYPICAL INSTALLATIONS

CPS has extensive experience in the design and supply of DC power systems to support critical telecommunications applications such as:

- 4G Voice and 5G roll out services
- NBN service equipment
- Site based DC power infrastructure

WHAT WE DO

Our experienced engineers can design a custom DC power solution that is compliant to relevant Australian Standards. We specialise in the delivery of:

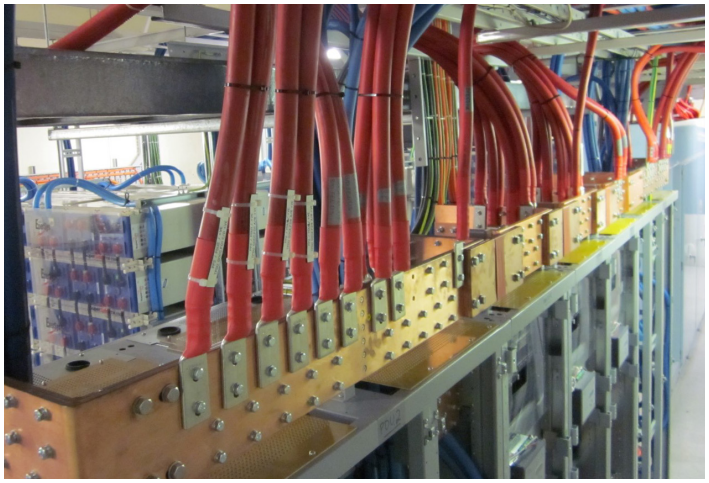
- DC and AC distribution and cabling systems
- Low Voltage and Extra Low Voltage DC systems

With a system designed to meet each customer's specific application, we then commission and construct the system locally and carry out workshop testing prior to transport.

Once completed, we carry out the onsite testing and commissioning of the system to ensure optimum performance.

Ongoing, we provide maintenance support along with fault finding in both AC and DC systems.

All of our systems are installed by highly experienced and licenced technicians.



CERTIFICATIONS

We hold relevant Electrical Contracting licences in each state/territory we operate in. This is backed by our accreditation to AS/NZS4801.

PAST EXPERIENCE

Australian telecommunications carriers including:

- Telstra
- Optus
- Vodaphone
- iPrimus
- TPG
- Uecomm