



ELECTRICAL SERVICES

Electrical Department	Mining and Industrial	Mining & Industrial Commercial	Domestic
Power Generation	Solar Installations	Security	Data and Communications
Hazardous Areas	Marine Electrics	Telstra RT and Exchange	HV Installations
Labour Hire	Project Management		

We provide electrical services to Northern Cape York and Torres Strait specializing in all aspects of the trade from industrial and commercial to residential, communications and electronics.

Electrical Department

Carpentaria Contracting's electrical department was first established under the Weipa Hire Pty Ltd trading name and as the need for quality electrical contractors increased with the mine expansion so did our electrical team.

Our electrical contracting team consists of 25 permanent personnel, including six electrical apprentices, project manager, estimator, and two supervisors. This combined with our administration & support staff has assisted us to become the leading electrical contractor within the Northern Cape region.

Our secure, skilled workforce ensure we will continue to provide friendly locally owned electrical contracting services of any scope or size to anywhere on Cape York Peninsula and the Torres Strait.

Our Electrical Contracting fields of expertise includes:

- Mining and Industrial
- Commercial
- Domestic
- Power Generation
- Solar Installations
- Hybrid Power Generations
- Security, CCTV, IP, Duress Installations and Maintenance
- Data and Communications
- Repairs, Testing and Installation of Hazardous area Equipment
- Marine Electrics
- Telstra RT and Exchange Repairs and Maintenance

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- HV Installations
- Labour Hire
- Project Management
- Turn Key Projects

With such a large scope of capabilities, coupled with our **project management**, local knowledge and **specialized equipment** makes us an efficient and cost effective solution for electrical works within Cape York and the Torres Strait.

Mining and Industrial ↑

Carpentaria Contracting undertakes many new installation and maintenance projects within the mining and industrial electrical scope of works subject to the specifications of the customer. Primarily most of our industrial electrical contracts are for Rio Tinto Alcan Weipa, where we have the experience in the plant & its processes and good customer liaison with the site electrical team. This relationship is critical for works and equipment to be completed within time frame, appropriate to the specifications and servicing requirements of the Weipa mine site.

Mining and Industrial Commercial ↑

We service a large variety of commercial infrastructure from Cape York District Health centres (Hospitals) on the Cape to new installation and maintenance of electrical appliances, lighting upgrades and extensions. Significant commercial projects Carpentaria Contracting have completed include the HV reticulation installation at RAAF Base Scherger and complete electrical services package for the single persons quarters including temporary power supply for the first 3 months of the facility's operations.

Domestic ↑

Our domestic electrical team have extensive experience in house wiring, upgrades, meter monitoring, power surge protection, mains installations / upgrade just to name a few. Carpentaria Contracting has been awarded the last two significant town electrical upgrades (residential) which saw four teams upgrade over 800 houses in the Weipa Township. This project was completed on time and without injury.
([hyperlink to Project town electrical upgrade](#))

Power Generation ↑

Carpentaria Contracting ability to supply portable power solutions for small to large applications remains second to none in the Northern Peninsula area. From single blocks to supermarkets we have the capacity to service your needs regardless to the size of the project.

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Solar Installations ↑

We have undertaken significant solar power generation and maintenance projects including expansion and monitoring of all Telstra's microwave repeater solar arrays North of Lakeland Downs. The RT sites are located throughout the Cape York Region.

(hyperlink to Project Solar Upgrade)

Security, CCTV, IP Cameras & Duress Monitoring Systems ↑

Our electronic monitoring systems are designed and built to customer requirements and needs. From simple keyed entry locks and alarms to complex auto sensing digital camera monitoring with alarm auto diallers and internet uplink, long distance external networking to RF duress monitoring and alarms, we have the resources and qualifications to service any of your local or remote monitoring requirements. Projects include nurse duress/call system Weipa hospital, installation & maintenance of CCTV camera system on mine site, Betta Electrical Security System.

Data and Communications ↑

Networking, patch panels, complete business phone solutions, PA systems to telemetry controlled pumps and valves we have the experience and latest test equipment to service your needs promptly and efficiently. We have significant knowledge in Commander and Erickson phone systems installation and maintenance, ADSL and Satellite TV programming, commercial radio and television repeater stations to extensive computer networking and software support which allows us to service a wide scope of this industry.

Hazardous Areas – Installation, maintenance and inspection ↑

We have three electrical tradespersons qualified in the design, installation, maintenance and inspection of hazardous areas where an explosive atmosphere is present or potentially present such as fuel facilities. This together with our stores department team ensures you get the right part for the job the first time compliant with the relevant zoning of customer's area and site specifications.

Marine Electrics ↑

Carpentaria Contracting services many ships which enter the Weipa Harbour from commercial fishing trawlers, motherships, container ships & barges to bulk ore carriers. Our team of qualified personnel includes ships engineer, dual trade electrician / mechanic / diesel fitter to aircraft technician and radio technician, it is more than likely we can provide the personnel and experience to service your needs.

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Telstra RT and Exchange Repairs and Maintenance ↑

Servicing all Telstra Remote Repeater Towers within the Northern Cape region, Carpentaria Contracting has the facilities, training and equipment to service your remote radio repeater sites installation and maintenance including unmanned and remotely administered sites. Carpentaria Contracting has exclusively held this maintenance project through Silcar and Transfeild for the last 8 years which proves we have the ability to comply with and service the requirements of large corporate companies.

HV Installations ↑

High Voltage (HV) installation, repair, joining and maintenance, switching and switch sheets to powerhouse operators, Carpentaria Contracting electrical team has local, expert knowledge of the systems and requirements for working with and around HV. Our personnel have undergone specific courses such as HV switching and HV recipient. Working in conjunction with Rio Tinto Alcan Weipa linesmen, we have the equipment and ability and authorisation to isolate overhead services and provide power pole installation and maintenance. Significant HV projects include Complete RAAF Base Scherger HV system, removal of substations with HV reticulation and locating and digging up of underground HV services.

(Hyperlink to RAAF Base Scherger HV System)

Labour Hire ↑

Carpentaria Contracting provides labour hire services for all fields covered by this document. If considering Labour Hire of our staff please contact our office to discuss. Long term labour hire projects may be offered incentives such as discounts on hourly rates.

Project Management ↑

We provide electrical project management including scheduling of works and other contractors, safety plans, risk reduction and exposure management.