

ABS Switch Replacement & Maintenance, QLD

Green File

Thiess Services team personnel undergo specialised training and assessment designed to meet specific client work schedules.

Training is specially designed through our RTO (Registered Training Organisation) electrical contract training centre located at the Rocklea State Office.



Location

Throughout North and Far North Queensland

Client

Ergon Energy

Value

AUD\$ 3.5 Million

Duration

2004 – 2007

Contract type

Lump Sum and Schedule of Rates

Referee

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Thiess Services was contracted to provide maintenance support to Ergon Energy on the high voltage network. The scope of works encompassed that electrical crews drove to remote areas of North and Far North Queensland to replace ABS Switches on power poles. Some 810 ABS switches required either replacement or related maintenance work.

The ABS (Air Break Switch) is a device located on the top of a power pole, is used to break the distribution of power between two sets of lines for maintenance works to be conducted, on one of the either de-energised or live sections of an electrical power line.

Thiess Services crews travelled up to 200km per day to replace and/or maintain individual switches. Teams of three personnel were sent out, with a 'Scoper' at the forefront being used to identify locations where feeders and ABS switches are attached.

All works were undertaken by qualified personnel, under live line conditions, using specialist live line equipment, including tested rubber matting, rubber gloves and sleeves, plant equipment included glove and elevating work platforms (EWP) barrier, specialised specially insulated to 33 KV.

Innovations

Thiess Services is a nationally accredited RTO (Registered Training Organisation) formed in an effort to meet client needs through our own training facilities around Australia or through the strong partnerships agreements with other training providers.

The Thiess Services training centre is fully equipped to provide our contractors with live line training capabilities, plus all other facets of the electrical industry that require training. All electrical crew members are put through the rigorous program on-site prior to taking up any contract work.