




DISTRIBUTION, RENEWABLES & ELECTRICAL ENGINEERING

HIGH & LOW VOLTAGE OVERHEAD
AND UNDERGROUND SPECIALISTS

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 stralisenergy.com.au

Essential Energy Accredited Level 1 - 4450 & Level 2 - 4168
Elec licenses: NSW no. 28002C | QLD no. 80557 | VIC no. 28751



Stralis Energy Pty Ltd.



Stralis Energy is a leading Electrical Commercial Distribution Service provider on the Far North Coast of NSW. We offer a comprehensive range of Level One (Essential Energy Network) solar, engineering and electrical distribution services to the Electrical Distribution utility industry specialising in complex commercial and industrial projects including new subdivisions and network upgrades.

Owning all our own plant and equipment eliminates the need for sub-contractors and in turn allows us to deliver projects efficiently with no external risks.

We also cater for electrical asset owners, transmission and distribution managers, landowners and local authorities and currently include:

- **Essential Energy**
- **Ballina Shire Council**
- **Byron Shire Council**
- **Woollams Constructions**
- **Bennetts Constructions**
- **APA group**
- **ABB**
- **NSW Dept Education**

OUR CAPABILITIES

- **Design/ engineering and construction**
- **Transmission and distribution construction (220kV, 132kV 66kV, 33kV & 11kV)**
- **Overhead & Underground power reticulations**
- **Sub-division reticulation**
- **Pole mounted and Padmount Substations**
- **Cable laying and cable jointing**
- **Renewable Power**
- **Solar design and installation**



WORKPLACE HEALTH & SAFETY

Our integrated Health, Safety, Environmental & Quality System allows us to provide professional, economical and sustainable solutions of the highest quality with expertise in industrial electrical, electrical supply distribution, renewables, energy efficiency and all electrical services. We're dedicated to providing a safe workplace for its staff and customers, while maintaining daily operations, and continuing to grow and achieve targets.

- **Quality Management System** - to operate our business in a manner that consistently meets and exceeds the quality standards set by affected stakeholders.
- **Stralis Energy Environmental Management System** - Our commitment to the environment recognises all activities, products, and services can influence the environment and our EMS has strict guidelines to be adhered to.

STRALIS ENERGY PROJECTS & EXPERIENCE

Mullumbimby - Sub-division



Client: Bay View Land Developments

Location: Tallowood, NSW

The Far North Coast of NSW is rapidly growing and Stralis Energy are very proud and excited to be able to contribute towards the growth of the area.

New Padmount Substation For Swimming Ballina Pools Upgrade



Client: Ballina Shire Council

Location: Ballina

Ballina Shire council upgraded their local swimming pools in Ballina & Alstonville required 11kV network upgrade/ alterations and new 500kVA padmount substations.

11kV Overhead Upgrade & New 1000kVA Substation



Client: Bennetts Construction

Location: Ballina High School

Two schools have been combined in Ballina and required and new 1000kVA substation and network upgrades.

Stralis Energy has successfully completed work for major network owners and large scale commercial customers including:

Santos GLNG Project -Tenex - Build and construct over 500km of 33kv and OPGW 11kv network for the Santos GLNG Project in Roma and Fairveiw.

Ergon Energy – Downer - New build construction and maintenance including bulk recloser installation working with Downer.

Essential Energy - Gremalco - Sub-Transmission construction upgrade. 66kv – 132kv to new Essential Energy standards including installation of OPGW.

Essential Energy - Sub-station upgrades from 66kV to 132 kV. Including 132kV underground cable and pole terminations.

APA Group/APT - Maintenance and repair of HV 68kv DC link. 45km HV DC link. Linking QLD and NSW networks.

ABB - Installation and maintenance of ABB DC reactor upgrades on the APA DC link. Maintenance of the QR Static converter transformers.

Subdivision developments - Design and construction 11kv and LV Overhead/ underground networks.

HV cable and transformer - Fault finding and maintenance. Preventative maintenance and review of HV and LV electrical installations.

Stralis Energy crews and managers have a combined experience of over a 70 years experience and own and operate a specialised fleet of plant and vehicles that allows us to carry out any major and complex projects:



- EWP
- Crane Borer
- Excavators
- Tipper truckers GCM 90 Tonne
- Line Trucks
- Cable Jinkers
- Cable Trailers
- Land Cruisers
- Vacuum Excavator

See overleaf for some examples of our plant.

Crane/ Borer and Pole Jinker



EWP (x2)



Vacuum Excavator



8 Tonne Excavator and Tipper Truck



MORE PROJECTS AND EXPERIENCE

- UG & OH developments HV & LV reticulation
- CSP 11kv line reconductoring/pole/cross arm - Augmentations packages – UEA, Gremalco Transelect- Essential Energy
- CSP LV OH replacement – UEA, Essential Energy
- Preferred L2 service provider's panel – Essential Energy
- SMR replacement program – UEA, Endeavour Energy, Essential Energy
- Street light maintenance bulk replacement with – UAM, Essential Energy
- FIR replacement program – Essential Energy
- Bulk meter rollout – Essential Energy
- Smart Meter Rollout – Origin, AGL, Accuman
- CT metering replacement – Select Solutions
- Designed and installed of Solar systems ranging from 5 - 500kw



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