

-  COMMUNICATIONS
-  **ENERGY**
-  SPECIAL INDUSTRIES
-  SOLAR



**SUBSTATION**



## Company Capabilities, Accreditations & Services

Preformed Line Products (PLP) has been supplying product to Australian power utilities for almost 50 years. Many of the original products are still to be found in the substation network today, highlighting the exceptionally high quality standards that are expected and supplied.

Preformed Line Products POWERFORMED® Substation Systems are a product of the company's global engineering design, testing and manufacturing strengths. The range includes connectors, clamps and hardware for tubular aluminium busbars in both bolted and welded solutions.

### TECHNICAL SUPPORT

Preformed Line Products Australia and New Zealand, have been market leaders and well respected in the fields of electrical and mechanical engineering for many years, working together to meet the challenging demands of the overhead power industry. Product design, research and development are using AutoCAD, Pro-E and solidworks modelling.

### SALES AND MARKETING

A dedicated team focused on exceeding customer expectations and ensuring service and support at the highest level.

With Territory Managers located throughout Australia supported by a centralised Internal Sales and Projects and Tenders Team, PLP are available to assist with your product selection, quoting and ordering needs.

### MANUFACTURING CAPABILITIES

- 12000M<sup>2</sup> factory located at Glendenning, NSW
- New Zealand factory located at Auckland
- Sheet metal fabrication
- Ultra high speed laser cutting
- Aluminium die-casting
- Steel forging, wire forming
- Aluminium stainless steel welding
- Powder coating
- Tool design and manufacturing
- General assembly

### TESTING CAPABILITIES

- Mechanical and electrical type test to Australian and IEC Standards
- NATA Accredited (Mechanical & Electrical)
- AS/NZS ISO 9001 - 2016



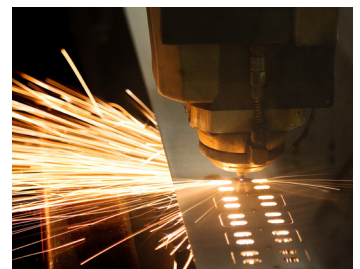
Glendenning Office, Sydney



Testing



Aluminium and Stainless Steel Welding



High Speed Laser Cutting



CNC Machining



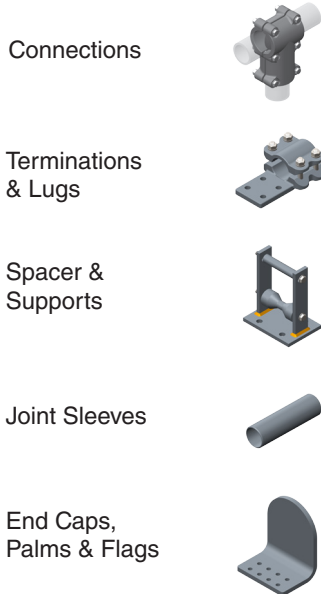
Dispatch Area

# Products Overview

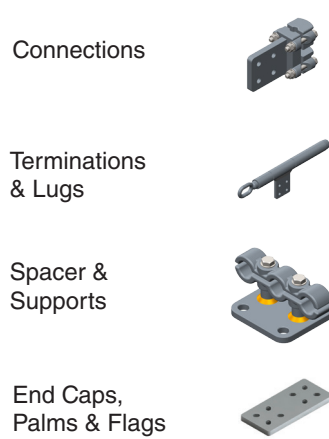


## SUBSTATION BUSBAR & FITTINGS

### Busign (Rigid)



### Subign (Strung)



### Protection & Accessories



### DOUBLE BREAK DISCONNECTORS

- 36kV to 362kV
- Rotary double break design
- 1,250A to 4000A Load Current
- 50kA for 1 Sec fault rating
- Cyclone rated structures optional
- Manual or automated operation
- Associated Earth Switch option
- Mechanical & Electrical interlocks



### EARTH SWITCHES

- Associated Earth Switches
- Independent Earth Switches 66kV to 362kV
- 20kA to 50kA fault rating
- Remote Motorised operation
- Optional solenoid bolt interlocks
- Cyclone rated structures



### POWER ACTUATORS

- Remote operation of AEM transmission disconnectors
- 32VDC to 250VDC supply
- Extensive electrical and mechanical interlocks
- Extensive disconnector position feedback signals

Contact Preformed Line Products for Specific Requirements.  
Ask for a copy of our product full range catalogue  
or visit [www.preformed.com.au](http://www.preformed.com.au)



# SUBSTATION



**PREFORMED**  
LINE PRODUCTS

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The Connection You Can Count On