



PPI

Power Protection
Industries

Powering a renewable future



Renewable
Energy



We power your business

As a company with a commitment to making the world a better place, we are delighted to partner with customers on renewable energy projects.

Working closely with clients in renewable energy plants, we supply a broad range of electrical materials – from high-voltage transformers to underground cables – needed for the day-to-day running of operations.

We understand a renewable energy plant is a power-generation method with a design period of 30 years or more – therefore it's imperative to construct systems with products designed to operate efficiently for the lifetime of the installation.



What we do

Since 2016, PPI has delivered customised electrical solutions to renewable energy companies spread throughout Australia and Asia Pacific.

WIND

PPI has extensive experience in supplying lightning and surge protection to the wind energy industry. From on-blade lightning protection to protection of the components within the nacelle, we can provide site audits and deliver a protection design to suit the particular application.

SOLAR

In addition to an extensive product offering for the solar market, PPI engineers and designers can provide design assistance for many other solar installation aspects of a facility.

We offer a broad range of services, including:



EARTHING SYSTEM DESIGN AND AUDIT

Our team provides a full on-site audit of electrical reticulation systems and, having worked in some of the world's harshest environments, we pride ourselves on finding a solution that helps in each and every situation.



LIGHTNING PROTECTION DESIGN

PPI can supply full design and certification services in compliance with AS/NZS1768:2007, and can educate customers on the specific needs around lightning protection on renewable energy systems.



POWER QUALITY AUDIT

Power quality audits help prevent unusual issues within our customer's electrical system, and we provide both analysis and solutions to protect from dangerous harmonics, power system disturbances and increased energy costs.



RENEWABLE ENERGY SYSTEM DESIGN

Renewable energy systems can be complicated, depending on the specific generation method. PPI's team has years of experience providing advice and design services to the renewable energy market.



REMOTE AREA SYSTEM DESIGN

PPI can supply solar PV systems for remote area applications. Perfect for industries such as mining, rail and remote businesses, we've provided a large range of solutions from solar-powered CCTV to solar-powered CCTV stations.



TRAINING AND CERTIFICATION

Training and certification is one of the most important elements of our business. Because we provide a solutions-based service, it's crucial our customers have the training needed to successfully use and maintain products.

Our procurement pillars

When procuring products for the renewable energy industry, we prioritise three considerations.

01

SPECIFICATION

Is our client currently using old technology instead of an innovative solution that could provide a cost-effective alternative?

02

CONDITIONS

Will the procured product sustain the challenging environmental conditions in which it needs to be installed – and if not, how can we provide a solution that minimises impact and enhances performance?

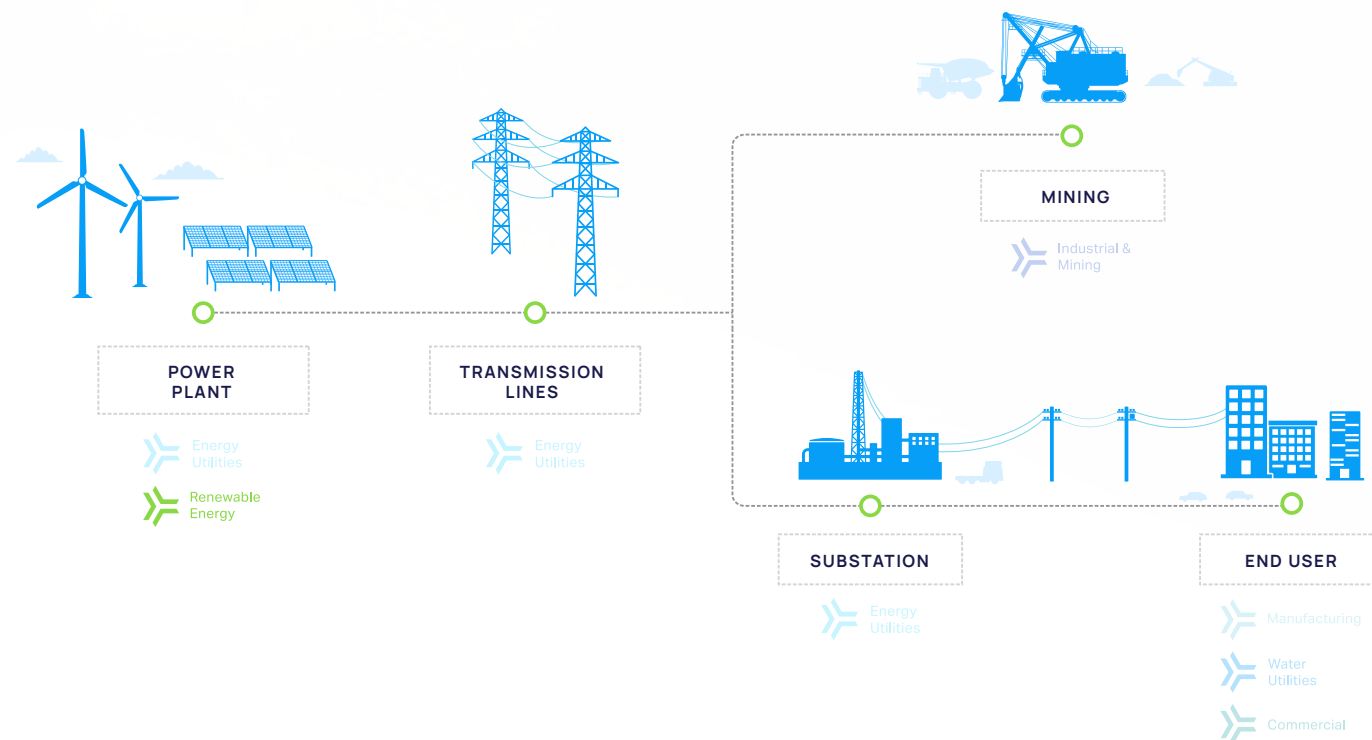
03

TRAINING

Does our client know how to use this product correctly, or should we engage the manufacturer to provide expert product training and support?

Powered from beginning to end

From power generation right through to the ultimate end-user, PPI provides comprehensive solutions to industries at every stage of the power process.



Our vision is to be the ultimate provider of electrical solutions across a broad range of industries. With expertise in systems improvement and innovative solutions across every sector, we're the go-to specialists that deliver exemplary service, every time.

Our products

Embracing new technologies, PPI prioritises the development of a network of global – and often exclusive – manufacturer relationships, resulting in the consistent and reliable procurement of high-quality materials.

Our office in Jiangsu Province, China, leaves us well-positioned to easily procure components and materials throughout Asia Pacific – meaning we can supply clients with the highest quality materials at the lowest possible price.

PRODUCTS

- > Combiner boxes
- > Bonding and grounding
- > Solar PV panels
- > Inverters
- > Mounting solutions
- > Lightning and surge protection
- > Earthing products
- > Cables and conduits
- > CADWELD products
- > Pits and pillars
- > Underground cable cover



Contact us

At PPI we pride ourselves on providing a professional and personal service – building long-lasting relationships with our clients. To find out how we can deliver the best possible solution to your renewable energy company, get in touch today.



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Part of the **Finn Pacific Group** that was established in 1998, PPI was founded in response to a growing need for a specialised electrical solutions provider.

