



# Power

We are the leading provider of integrated asset management, operations and maintenance services to the generation, transmission and distribution industries. We work in partnership to achieve clients' goals using best-practice systems and processes backed by technically-skilled people to deliver brownfield project management, outage management and sustaining capital works services.



## ▶ Our Services

- ▶ Asset management, operations and maintenance of power stations and power generation assets
- ▶ Instrumentation, control and management services for power plant outages
- ▶ Overhauls, upgrades and maintenance of high voltage motors and generators; and gas, steam and hydro turbines
- ▶ Capital works, high voltage live line services, asset management, operations and maintenance of transmission and distribution lines and networks
- ▶ Transmission and Distribution network, asset management construction, maintenance and operational services
- ▶ High voltage services to infrastructure asset owners and major industry
- ▶ Tower rigging and maintenance services
- ▶ Substation capital works services
- ▶ Maintenance and commissioning of communication and secondary systems, and
- ▶ Testing, overhauls and maintenance of transformers and switchgear.

## ▶ Our Values

- ▶ Triple-certified health, safety, environment and quality systems
- ▶ No injuries to anyone, at anytime
- ▶ Highly-skilled and alliance-focused people
- ▶ Best practice Asset Management systems and processes that improve equipment availability and reliability
- ▶ Risk-based outage processes and procedures
- ▶ Cost-effective sustaining capital works and project development solutions
- ▶ Extensive experience, awareness and compliance to regulatory protocols, and
- ▶ Going beyond expectations with award-winning community partnerships and customer service.

## ▶ Our Joint Ventures

- TGE Energy Services
- Transfield Worley Power Services

## ▶ Our Business Relationships

### Australia

#### Generation

- Transfield Services Infrastructure Fund
- AGL-Arrow joint venture
- Verve Energy
- Griffin Energy
- Delta Maintenance
- CS Energy

#### Transmission & Distribution

- SP AusNet
- ElectraNet
- Transend Networks
- Horizon Power
- Jemena Electricity Network
- Western Power
- Integral Energy
- MurrayLink
- DirectLink
- TransGrid
- PowerLink

### New Zealand

#### Generation

- Orion
- Meridian Energy
- Trustpower
- Contact Energy
- Mighty River Power

#### Transmission & Distribution

- Trustpower
- Wellington Electricity
- PowerNet



## ► Our Business Relationships

### Australia

#### Transmission and Distribution Services

##### Jemena, Victoria

Transfield Services has a five-year contract to provide asset management and maintenance services to Jemena for the Jemena Electricity Network (JEN) and United Energy Distribution (UED). We ensure the reliable supply of power to more than one million of their customers through 24-hour maintenance services, customer connection and metering, overhead line maintenance, sustaining capital works and high and low voltage services.

##### ElectraNet, South Australia

For ElectraNet, Transfield Services delivers brownfield and greenfield capital project works on their substation and transmission line assets.

##### Transend Networks, Tasmania

Transfield Services provides sustaining capital works and maintenance services to Transend Network's substation and transmission line assets. We recently completed a greenfield project involving the delivery of 15 kilometres of 110kV transmission line and a 110/11kV substation. This part of the project was fast-tracked to support Forestry Tasmania's new veneer plant.

##### Western Power, Western Australia

Transfield Services has a five-year alliance agreement to deliver a major program of sustaining capital works for the upgrade and expansion of Western Power's network of transmission lines, distribution network and substations. Our engineering, field work and project management services covers the South West Interconnected System, an area that is one and a half times the size of Victoria.

##### Integral Energy, New South Wales

Transfield Services provides transmission and distribution maintenance services to Integral Energy; NSW's second largest state-owned energy corporation. With a fast-growing capability in New South Wales and Queensland, we also work with MurrayLink, DirectLink, TransGrid and PowerLink.

#### Power Generation Services

##### Transfield Services Infrastructure Fund (TSI Fund)

Transfield Services provides asset management, operations and maintenance services to Townsville and Collinsville Power Stations in Queensland and Kemerton Power Station in Western Australia for Transfield Services Infrastructure Fund. In 2008, Transfield Services delivered capacity upgrade projects to TSI Fund's Kemerton and Townsville Power Stations. Both projects

increased the power stations' capacities with innovative and environmentally-friendly solutions while delivering more power to their respective regions.

##### Verve Energy, Western Australia

Transfield Worley Power Services (TWPS) – a joint venture between WorleyParsons and Transfield Services – provides operations and maintenance services to Verve Energy's 340 megawatt Collie A Power Station in Western Australia. TWPS is implementing efficiencies, asset management strategies and a culture of continuous improvement to ensure a reliable and cost-effective power supply.

##### Delta Maintenance, New South Wales

TWPS works with Delta Maintenance at Vales Point Power Station on the Central Coast and Mount Piper Power Station near Lithgow delivering outage management services.

##### TGE Energy Services, WA and NSW

TGE Energy Services is a joint venture between Transfield Services and GE Power Systems, specialising in the maintenance of hydro, gas and steam turbines and high-voltage generator, transformers and motors across the mining, rail and power industries. The Perth workshop in Australia is capable of manufacturing high-voltage coil and generator bars and is the only GE-licensed gas turbine repair facility in Australia and New Zealand.

### New Zealand

#### Transmission and Distribution Services

##### Transpower

We provide maintenance and sustaining capital works services for Transpower's substations and transmission line assets. Transpower owns and operates New Zealand's high voltage electricity transmission grid – 12,000 kilometres of transmission lines and 170 substations and switchyards, linking generators to distribution companies and major industrial customers.

##### Wellington Electricity

We provide sustaining capital works services to Wellington Electricity's underground cable and substation upgrade projects in Wellington's CBD. We successfully installed several kilometres of 33kV feeder cables along the streets of Wellington's CBD, running from Central Park substation to Terrace substation in the heart of the CBD. The project involved extensive community consultation with property owners, business owners and road users. Transfield Services also upgraded the Terrace substation and replaced old switchgear and upgraded its protection systems.

##### PowerNet

Transfield Services provides maintenance services and upgrades substations in a range of projects spanning

50 substations owned by PowerNet. Our maintenance work ranges from ensuring the ripple control system and communications links function correctly, through to the maintenance of switchgear and transformers. Our project work involves both the construction and design of new and upgraded substations, for example, we connected a 60 megawatt wind farm into PowerNet's existing 50kV network.

#### Power Generation Services

##### Meridian Energy

Transfield Services is at the forefront of services and solutions to power generators in the wind, hydro, geothermal and thermal services. We provide maintenance, refurbishment, overhaul and sustaining capital works services, sharing experience, technology and knowledge to achieve mutually beneficial results.

##### Trustpower

Transfield Services delivered New Zealand's biggest wind farm and adjacent substation – Trustpower's Tararua Wind Farm Stage Three Project.

##### Contact Energy

We deliver generator rewinds, uprates and maintenance services in a long-term relationship with Contact Energy.

##### Mighty River Power

Transfield Services provides asset management and sustaining capital works to support Mighty River Power's substation and transmission assets.



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