

consultancy services

page 2b

SUPPLIERS

	Power Parameters 61 3 9450 1500	Quasar Systems 64 3 343 9150	Rod Hughes Consulting 61 8 7127 6357	SATEC (Australia) 61 2 4774 2959	Schneider Electric 1300 369 233	Select Solutions 61 3 9695 6000	Sunstate Electrical 61 7 3488 0412	Thales www.thalesgroup.com.au	Thew & McCann 61 7 3826 6000	TRIO SmartCal 1300 853 407	Wilson Transformer Co 61 3 9560 0411
Emergency Response											
Engineering Consultancy			✓		✓			✓			
Management					✓						
Load					✓						
Maintenance					✓						
Owners Engineers			✓								
Power Generation											
Generator Shaft Condition											
Rotating Shaft Condition											
Power System Analysis			✓								
Environmental Sustainability											
Climate Change											
Impact Management											
IEC 61850 Implementation Strategy			✓		✓						
IEC 61850 System Design			✓		✓						
IEC 61850 System Integration			✓		✓						
IEC 61850 Training (see page 132)			✓		✓						
Instrumentation Management	✓					✓				✓	
Calibration & Measurement	✓					✓				✓	
Lightning Protection					✓						
Assessment & Design					✓						
Maintenance					✓						✓
Predictive					✓						✓
Preventative	✓				✓						✓
Proactive	✓				✓						✓
Management Consultancy Services			✓					✓			
Strategic Network Planning											
Metering Services		✓	✓	✓	✓	✓					✓
Analysis & Reporting		✓	✓	✓	✓						✓
Energy Data		✓		✓	✓	✓	✓				
Power Quality		✓	✓	✓	✓	✓	✓				✓
Quality of Supply		✓		✓	✓						
Electricity Supply Surveys											
Web-based		✓		✓	✓	✓					
Energy Data Reporting		✓		✓	✓	✓					
Environmental Reporting											
Network Services			✓		✓			✓			
Design & Construction			✓		✓						
Substations			✓		✓						
Mobile Substation			✓		✓						
Partial Discharge Mapping						✓				✓	
Maintenance Programs										✓	
Monitoring						✓	✓			✓	
Off-Line VLF Cable							✓			✓	
On-Line Cable							✓				
Power Protection Systems Design			✓		✓						
Power Quality Analysis		✓		✓	✓				✓	✓	
Power Quality Calibration											

Your Partner in Power

- Changshu Fengfan Power Equipment Company Ltd (CFPC), (formerly Changshu Steel Tower Company), in association with ADEA Power Consulting Pty Ltd, Australia is a professional manufacturer of Structural Steel for Transmission Line Towers, and a leader in the supply of Structural Steel for the Australian market, with an annual production capacity of 324,000 MT.



Our Services:

- Transmission Line Lattice Towers
- Substation Steel Structure
- Telecommunication Towers
- Tubular/Monopole Structure
- Fibre Reinforced Polymer Crossarm
- Testing of Transmission Line Towers up to 1000kV
- Supply other materials for Transmission Line (e.g. Insulators, OPGW, Conductors)
- Structural Steel for Railway
- Structural Steel for Building Industry
- Steel Pipes & Lighting Poles

Our products have been successfully supplied for a number of years to Australia, New Zealand, USA, China and other countries around the world. Our quality & production is managed by an experienced management team from Australia & China.

Australia - 901/84 Pitt Street Sydney NSW 2000

www.adea.net.au

T +61 2 9231 1301

F +61 2 9231 1302

E Info@adea.net.au

China

www.cstower.cn

T +86 512 5240 9898

F +86 512 5240 1600

E cstower@126.com

SUPPLIERS

PRODUCTS/SERVICES

	ABB Australia 1300 782 527	ADEA Power Consulting 61 2 9231 1301	Aerial Photography Specialists 0439 891 550	Alstom Grid 1300 ALSTOM	American Superconductor 3 9225 5217	Ampcontrol 61 2 4961 9000	BES (Aust) Pty Ltd 61 2 9686 4811	Chase Power 61 7 3822 8000	CSE-Semaphore 61 3 8544 8544	CSE-Uniserve 61 2 8853 4200	EA Technology 61 7 3899 9988	Electrix New Zealand 64 9 270 1700	Eng-Corn www.engcorn.com.au	Extreme Safety 61 7 3282 0911	GE 61 3 8807 5976	Geotherm 61 2 9737 9062	High Voltage Solution 64 2 7419 9952	Hill Michael 61 7 3236 4244	HV Diagnostic Services www.hvds.co.nz	Hydrodec Australia 61 2 6382 5387
Project Management	✓	✓		✓	✓	✓	✓	✓				✓								
Generators		✓						✓				✓								
Lines		✓										✓								
Switchyard	✓	✓		✓	✓	✓						✓								
Substation	✓	✓		✓	✓	✓						✓			✓					
Mobile Substation	✓	✓				✓						✓			✓					
Protection & Control										✓	✓	✓			✓				✓	
Protection Relay Testing										✓		✓			✓					
Stored Energy Solutions				✓											✓					
Substation Design	✓			✓		✓						✓			✓				✓	
Power System Automation				✓															✓	
Smart Grid/Smart Systems				✓						✓	✓								✓	
Substation Management Systems	✓			✓		✓				✓		✓			✓					
Technology Risk Assessment																				
Telemetry									✓											
3G Modems									✓											
Test & Measurement						✓														
Distributed Temperature Monitoring													✓							
Thermal Resistivity Testing																✓				
Thermographic Services			✓	✓													✓		✓	
Transformer Testing	✓			✓		✓						✓								
Oil	✓			✓		✓						✓								✓
High Voltage	✓			✓		✓						✓								
SF ₆	✓			✓																
SF ₆ Gas Leak Detection				✓								✓								
Winding	✓			✓		✓						✓								
Vibration Testing																				



**Thermal property analysis.
Thermal resistivity testing of soil.
Testing of cable backfill material.
Design of cable bedding/backfill.
Cable route thermal surveys.**

**Phone: (02) 9737 9062
Web: www.geothermaust.com.au
Manager: Brett Hobson
brett@geothermaust.com.au**

SUPPLIERS

Martec Asset Solutions 61(0)430 149 665	Maxon Australia 61 2 8707 3000	OBIAT 61 2 9748 8699	OMICRON electronics 61 3 9466 7655	Pacific Test Equipment 61 2 9659 2300	Performance Electrics 0404 478 744	Power Quality Consultants 1800 543 237	Power Earth Technologies 2 4964 2077	Power Parameters 61 3 9450 1500	Preformed Line Products 61 2 8805 0000	Quasar Systems 64 3 343 9150	RF Industries 61 2 8838 0900	Rod Hughes Consulting 61 8 7127 6357	Schneider Electric 1300 369 233	Select Solutions 61 3 9695 6000	Terrapinn 61 2 9021 8888	Thales www.thalesgroup.com.au	TRIO SmartCal 1300 853 407	Warsash Scientific 61 2 9319 0122	Wilson Transformer Co 61 3 9560 0411
---	--------------------------------	----------------------	------------------------------------	---------------------------------------	------------------------------------	--	--------------------------------------	---------------------------------	--	------------------------------	------------------------------	--------------------------------------	---------------------------------	---------------------------------	--------------------------	-------------------------------	----------------------------	-----------------------------------	--------------------------------------

PRODUCTS/SERVICES

Project Management																				
Generators						✓							✓							
Lines													✓							
Switchyard													✓							
Substation												✓	✓							
Mobile Substation												✓	✓							
Protection & Control						✓						✓	✓							
Protection Relay Testing				✓								✓	✓	✓						
Stored Energy Solutions																				
Substation Design													✓	✓						
Power System Automation													✓	✓						
Smart Grid/Smart Systems		✓											✓	✓						
Substation Management Systems		✓								✓			✓	✓						
Technology Risk Assessment													✓							
Telemetry										✓							✓			
3G Modems										✓										
Test & Measurement			✓							✓							✓	✓		
Distributed Temperature Monitoring			✓							✓								✓	✓	
Thermal Resistivity Testing																				
Thermographic Services			✓										✓	✓					✓	✓
Transformer Testing			✓										✓	✓						✓
Oil													✓	✓						✓
High Voltage													✓	✓						✓
SF ₆													✓	✓						✓
SF ₆ Gas Leak Detection													✓	✓					✓	
Winding			✓										✓	✓						✓
Vibration Testing	✓									✓										✓

HILL MICHAEL
STRATEGIC ENGINEERING

Providing industry-leading specialist power system engineering services and regulatory advice to Network Service Providers Regulators and major Network Users.

- B Transmission, sub-transmission and distribution planning and investigation
- B Network-wide and generator Protection system engineering
- B Power quality assessment and compliance management
- B Generation and system performance assessment
- B Network-related contract negotiation
- B Technical performance and Economic/investment regulatory strategy
- B Customisation and automation of power system software
- B Specialist power system model construction and audit

Please visit www.hmac.com.au or call +61 (0)7 3236 4244

• Brisbane • Melbourne • Canberra • Townsville • Cairns • Launceston