



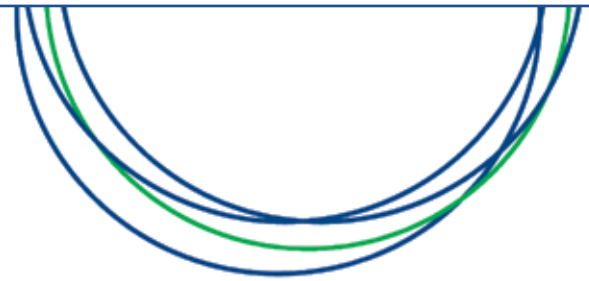


**SUPPLIERS**

	ABB Australia 61 2 9821 0111	Ampcontrol 61 2 4961 9000	AREVA T&D 61 2 9739 3000	AVO New Zealand 64 3 348 5999	Celematrix 1800 256 838	Coates 13 15 52	Chase Power 61 7 3206 1105	CSE-Uniserve 61 2 8853 4200	Dwyer Aviation Services 61 7 4782 9015	EA Technology Aust. 61 7 3161 4593	EnerTel 61 2 9615 9117	High Voltage Solution 64 2 7419 9952	Hill Michael 61 7 3236 4244	HV Diagnostic Services www.hvds.co.nz	LazerTech2005 64 3 438 7694	Lord Power Equipment 1800 128 000	Macey's Electrical 61 2 4353 4644	Maunsell AECOM 61 8 7100 6543	Megavar 1 300 730 499	OBIAT 61 2 9550 3777	OMICRON electronics 61 3 9450 1507
<b>IEC 61850 Implementation Strategy</b>								✓										✓			
<b>IEC 61850 System Design</b>								✓										✓			
<b>IEC 61850 System Integration</b>								✓										✓	✓		
<b>IEC 61850 Training (see page 114)</b>	✓							✓										✓	✓		✓
<b>Instrumentation Management</b>			✓		✓																
Calibration & Measurement		✓			✓															✓	
<b>Maintenance</b>			✓	✓					✓	✓		✓		✓		✓		✓			
Preventative			✓	✓		✓			✓	✓		✓		✓		✓		✓			
Predictive			✓	✓					✓	✓		✓		✓		✓		✓	✓		
Proactive			✓	✓					✓	✓		✓		✓		✓					
<b>Management Consultancy Services</b>	✓		✓							✓								✓			
Strategic Network Planning	✓		✓															✓			
<b>Metering Services</b>		✓	✓				✓											✓			
Analysis & Reporting		✓					✓											✓			
Energy Data								✓										✓			
Power Quality		✓					✓	✓										✓		✓	
Quality of Supply							✓											✓			
Electricity Supply Surveys																		✓			
Web-based																					
Energy Data Reporting																					
Environmental Reporting																					✓
<b>Network Services</b>	✓	✓	✓						✓									✓			
Design & Construction	✓	✓	✓						✓									✓			
Substations	✓	✓	✓															✓	✓		
Mobile Substation	✓	✓	✓															✓			
<b>Partial Discharge Mapping</b>				✓						✓	✓	✓		✓		✓					✓
Maintenance Programs				✓						✓	✓	✓		✓		✓					✓
Monitoring				✓						✓	✓	✓		✓		✓			✓		✓
Off-Line VLF Cable				✓						✓	✓	✓		✓		✓					✓
On-Line Cable				✓							✓	✓				✓					✓
<b>Power Protection Systems Design</b>	✓	✓	✓					✓										✓			
<b>Power Quality Calibration</b>		✓															✓			✓	✓
<b>Power Quality Analysis</b>		✓	✓					✓										✓		✓	✓
<b>Project Management</b>	✓	✓	✓												✓			✓			
Generators															✓			✓			
Lines			✓												✓			✓			
Switchyard	✓	✓	✓												✓			✓			
Substation	✓	✓	✓												✓			✓			
Mobile Substation	✓	✓	✓												✓			✓			
<b>Protection &amp; Control</b>													✓					✓			✓
<b>Protection Relay Testing</b>					✓	✓												✓			✓
<b>Stored Energy Solutions</b>			✓																		
<b>Substation Design</b>	✓	✓	✓															✓			
<b>Substation Management Systems</b>	✓	✓	✓															✓			
<b>Test &amp; Measurement</b>		✓	✓	✓												✓				✓	
Distributed Temperature Monitoring				✓												✓				✓	
<b>Thermographic Services</b>				✓	✓	✓										✓				✓	
<b>Transformer Testing</b>	✓	✓	✓	✓											✓	✓					✓
Oil	✓	✓	✓	✓											✓	✓			✓		
High Voltage	✓	✓	✓	✓											✓	✓			✓		
SF <sub>6</sub>	✓		✓	✓											✓	✓					
SF <sub>6</sub> Gas Leak Detection				✓											✓	✓					
Winding	✓	✓	✓												✓				✓		✓
<b>Vibration Testing</b>																					

SUPPLIERS

PRODUCTS/SERVICES	Power Parameters 61 3 9450 1500	Rans Electrical 1 300 56RANS	Schneider Electric 1300 369 233	SEL 61 3 9464 4711	Siemens 61 3 9721 2000	Sunstate Electrical 61 7 3488 0412	Thew & McCann 61 7 3826 6000	Warsash Scientific 61 2 9319 0122	Wilson Transformer Co 61 3 9560 0411
<b>IEC 61850 Implementation Strategy</b>	✓				✓				
<b>IEC 61850 System Design</b>	✓				✓				
<b>IEC 61850 System Integration</b>	✓				✓				
<b>IEC 61850 Training</b> (see page 114)					✓				
<b>Instrumentation Management</b>	✓				✓				
Calibration & Measurement	✓				✓				
<b>Maintenance</b>					✓				✓
Preventative		✓							✓
Predictive									✓
Proactive									✓
<b>Management Consultancy Services</b>									
Strategic Network Planning									
<b>Metering Services</b>			✓		✓				
Analysis & Reporting			✓		✓				
Energy Data			✓			✓			
Power Quality			✓			✓			
Quality of Supply									
Electricity Supply Surveys									
Web-based									
Energy Data Reporting					✓				
Environmental Reporting									
<b>Network Services</b>					✓				
Design & Construction									
Substations					✓				
Mobile Substation					✓				
<b>Partial Discharge Mapping</b>		✓					✓		
Maintenance Programs		✓					✓		
Monitoring		✓				✓	✓		
Off-Line VLF Cable		✓				✓	✓		
On-Line Cable		✓				✓			
<b>Power Protection Systems Design</b>				✓	✓				
<b>Power Quality Calibration</b>					✓				
<b>Power Quality Analysis</b>		✓	✓	✓	✓		✓		
<b>Project Management</b>					✓				
Generators					✓				
Lines									
Switchyard					✓				
Substation					✓				
Mobile Substation					✓				
<b>Protection &amp; Control</b>	✓								
<b>Protection Relay Testing</b>	✓								
<b>Stored Energy Solutions</b>					✓				
<b>Substation Design</b>				✓	✓				
<b>Substation Management Systems</b>				✓	✓				
<b>Test &amp; Measurement</b>								✓	
Distributed Temperature Monitoring								✓	
<b>Thermographic Services</b>								✓	✓
<b>Transformer Testing</b>		✓						✓	✓
Oil								✓	✓
High Voltage								✓	✓
SF <sub>6</sub>								✓	✓
SF <sub>6</sub> Gas Leak Detection								✓	✓
Winding								✓	✓
<b>Vibration Testing</b>								✓	✓



# Helping NSPs be better NSPs.

Hill Michael is a specialist power system advisory firm focused on the provision of Strategic Engineering services to organisations who own, manage and regulate the electricity supply network. Our expertise covers the technical, regulatory and commercial aspects of managing and developing networks, and facilitating connection of major network users. Complementing this, Hill Michael provides Power System Analysis software products, advice and support services to every major NSP in Australia.

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