



FLUKE®

Wind Power Solutions

Wind energy is among the fastest growing energy sources today. As one of the generation types identified in the reduction of carbon pollution, this method of energy production helps reduce power production costs while lowering emissions. On a wind farm, technicians need to be able to service equipment quickly, safely, and efficiently.

Fluke tools perform like champions in the most challenging wind farm environments: onshore, offshore, or coastal. You can depend on Fluke tools to keep your world up and running.

See our full line of innovative products at www.fluke.com.au

Site Manager

Focus:

Ensuring high availability of equipment

- Ensuring uptime/downtime is continuous and predictable
- ROI of resources
- Increase wind farm productivity
- On-going demand to reduce operating costs

Fluke solutions:

- 📶 Fluke Connect®
- 🟢 Power Quality Analysers
- 🟢 Handheld Oscilloscopes with Communication Bus Diagnostics
- 🟢 Earth Ground Testers
- 🟢 Insulation Multimeters
- 🟡 Infrared Cameras
- 🟡 Vibration Testers

Site Performance Engineer

Focus:

Optimising energy and power systems performance

- System configuration, optimisation and analytics
- Minimisation of system downtime
- Maintaining consistent power loads
- Troubleshooting generators, transformers, panels, and substations

Fluke solutions:

- 📶 Fluke Connect
- 🟢 Power Quality Analysers
- 🟢 Handheld Oscilloscopes with Communication Bus Diagnostics
- 🟢 Digital Multimeters
- 🟢 Clamp Meters
- 🟢 Insulation Multimeters
- 🟡 Infrared Cameras

Operations Technician

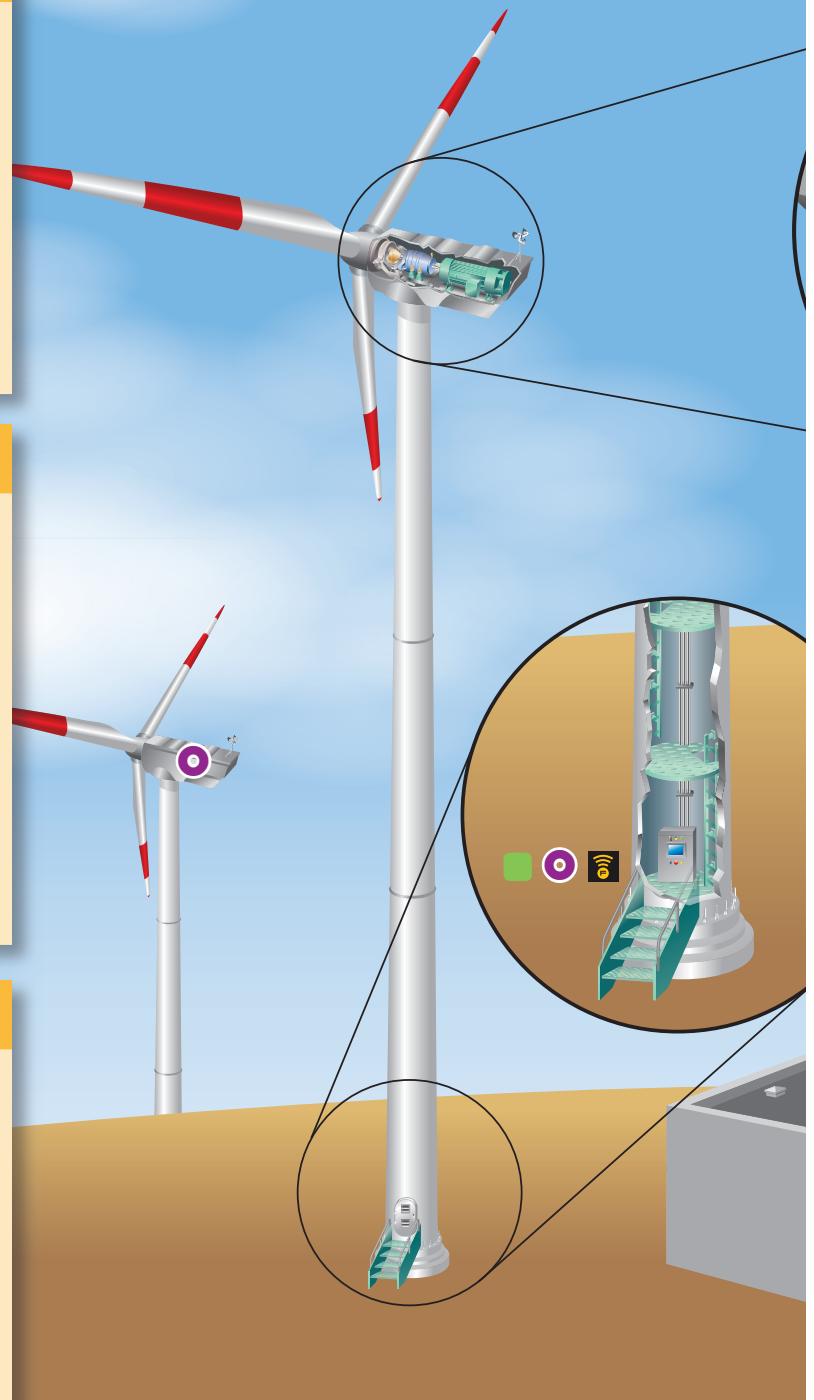
Focus:

Reliable operations, monitoring and reporting under normal conditions

- Ensure maximum asset uptime
- Monitoring and evaluating performance and service issues
- Troubleshooting emergent issues









Fluke solutions:

- 📶 Fluke Connect
- 🟢 Infrared Thermometers
- 🟢 Insulation Multimeters
- 🟡 Infrared Cameras



Wind Power Solutions

Electrical Test Tools

| Power Quality Analysers | Handheld Oscilloscopes | Power Quality Loggers | Clamp Meters | Insulation Multimeters | Earth Ground Testers | Electrical Testers | Digital Multimeters |
|---|---|---|---|--|---|---|---|
|  |  |  |  |  |  |  |  |
| 430 Series II | 125B Series II | 1748 | 376 FC | 1587 FC | 1625-2 Kit | T6 Series | 279 FC |








Wind Turbine Service Technician

Focus:

Install, service, repair, and troubleshoot wind turbines

- Troubleshooting wind turbine generators
- Service complex hydraulic systems and electrical controls machinery
- Electro-mechanical installation and maintenance

Fluke solutions:

-  Fluke Connect®
-  Digital Multimeters
-  Insulation Multimeters
-  Clamp Meters
-  Handheld Oscilloscopes
-  Infrared Cameras
-  Vibration Testers










Electricians/Electrical Engineer

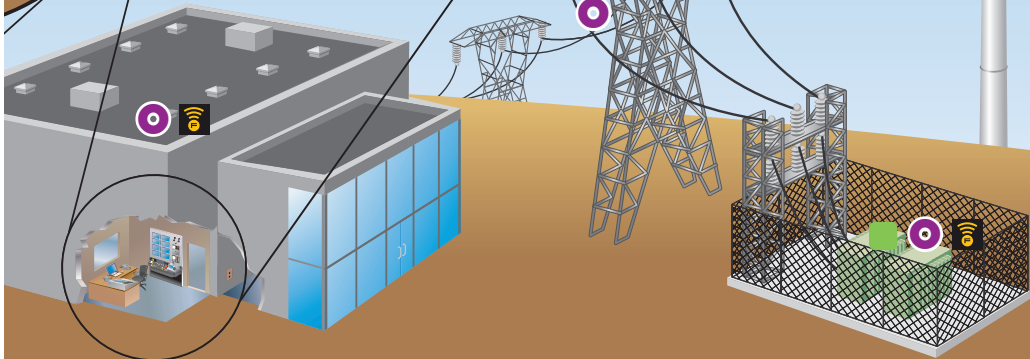
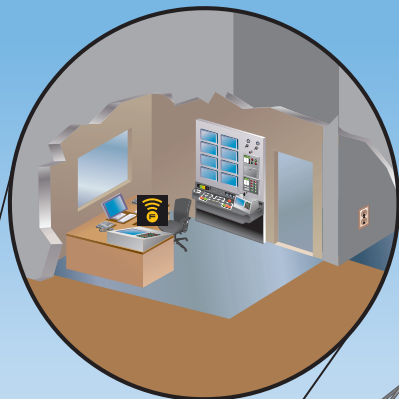
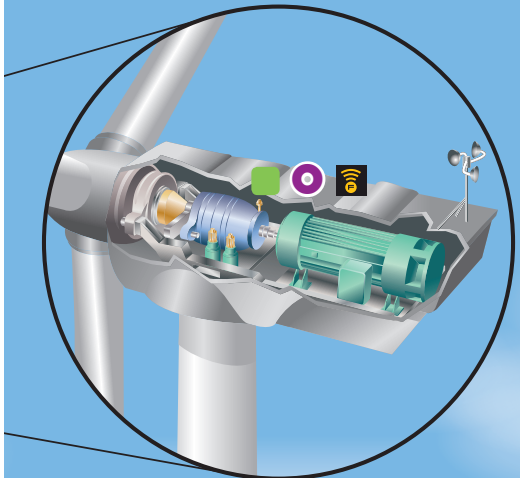
Focus:

Electrical installation, maintenance and repair





- Power installation support and reworks
- Troubleshooting sensitive power equipment
- Power quality analysis for consistent and efficient delivery

Fluke solutions:

-  Fluke Connect
-  Power Quality Analysers
-  Digital Multimeters
-  Earth Ground Testers
-  Electrical Testers
-  Insulation Multimeters
-  Clamp Meters
-  Infrared Thermometers
-  Infrared Cameras



Learn how Fluke solutions can save you time and money while increasing your productivity at www.fluke.com.au

| Infrared and Vibration Tools | | | | | | Wireless |
|--|---|---|--|---|--|--|
| Multimeters | Expert Infrared Cameras | Professional Infrared Cameras | Infrared Thermometers | Vibration Testers | | Fluke Connect® |
|  87V MAX |  TiX580 |  Ti450PRO |  568 |  805 FC |  810 |  820-2 |
| | | | | | |   |

Recommended Wind Power Solutions

Fluke Connect®

Best suited for:



- Simplifying preventive maintenance programs
- Seamlessly integrating tool data into software
- Diagnosing asset health in the field
- Cloud-based data sharing



Vibration Tester

Best suited for:



- Predictive and condition-based maintenance
- Identifying root cause and diagnosing severity of machine's condition
- Prioritising critical repair and replacement options
- Use with motors, pumps, fans, compressors, belt/chain drives, gearboxes and spindles



Power Quality Analysers

Best suited for:



- Troubleshooting and preventing problems in power generation, transmission and distribution systems
- Conducting load studies to reduce energy usage
- Use with motors, pumps, generators, transformers, compressors and electrical panels



Digital Multimeters

Best suited for:



- Electrical system installation and troubleshooting
- Quick voltage detection
- Environments with both AC and DC (autoVolt) or ghost voltages



Clamp Meters

Best suited for:



- Verifying the presence of load current, AC/DC voltage and continuity
- Measuring 1000 A AC/DC (2500 A AC with iFlex) in motors, pumps, compressors, fans, blowers, vaults and bus bars
- Measuring loads and line frequency in circuits



Power Quality Loggers

Best suited for:



- Comprehensive logging, more than 20 separate logging sessions stored on one instrument
- Troubleshooting and performing advanced analysis on power quality issues
- "In-workshop" or "in-the-field" set up and download through PC application software



Infrared Cameras

Best suited for:



- Inspection of electrical panels and detection of "hot spots" on breaker panels and bus work
- Monitoring cooling fluid levels such as dielectric oils for transformers
- Use with steam traps, electrical panels, motors and VFDs



Insulation Testers

Best suited for:



- Wide range of tests including simple spot checks, timed tests and breakdown tests
- Insulation resistance testing up to 10 kV
- Use with switchgear, motors, generators and cables



Fluke. *The Most Trusted Tools in the World.*

Authorised distributor

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