

Recommended utility 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



Infrared windows

Best suited for:



- Reducing time needed to conduct regular infrared inspections
- Ensuring employee safety by eliminating exposure to live equipment
- Improving productivity by reducing number of technicians needed to conduct inspections
- Use with electrical cabinets, distribution switchgear, transformers, generator connections and communication equipment racks



Vibration tester

Best suited for:



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



Thermal imagers and SF6 Gas Detectors

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
- Detect and pinpoint exact location of SF6 leak without shutting down equipment



Power quality analyzers

Best suited for:



- Troubleshooting and preventing problems in power generation, transmission and distribution systems
- Conducting load studies to discover the changing load of the network.
- Use with motors, pumps, generators, transformers, compressors and electrical panels



Power loggers

Best suited for:



- Capturing and logging over 500 power quality parameters
- Troubleshooting and performing advanced power quality analysis on power quality issues
- Network load surveys to determine the effects of customers individual systems.



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



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



Utilities—Energy Solutions

Fluke solutions for accurate information and consistent performance

The utilities industry is a uniquely demanding and frequently dangerous environment. Whether you work in power generation, transmission, distribution, or installation, you can't afford test or measurement errors.

Fluke tools are built to the highest safety and reliability standards. Depend on Fluke, the industry standard against which all other tools are measured.

Fluke. Keeping your world up and running.®

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Facility Maintenance/
Process Technician

- Issues faced:
- Ensuring continuous and predictable uptime and downtime
 - Safety of personnel and the utility environment
 - Budget restrictions
 - Immediate response and repair to process interruptions
- Fluke solutions:
- Fluke Connect
 - Multifunction process calibrators
 - Process test tools
 - Digital multimeters
 - Clamp meters
 - Power quality analyzers
 - Portable oscilloscopes
 - Insulation testers
 - Thermal Imagers and SF6 Gas Detectors
 - Vibration tester
 - Alignment tool

Power Quality Technician

- Issues faced:
- Network optimization
 - Customer downtime prevention
- Fluke solutions:
- Fluke Connect
 - Digital multimeters
 - Clamp meters
 - Earth ground testers
 - Power quality analyzers
 - Power loggers
 - Thermal imagers

Meter Shop Technician

- Issues faced:
- Voltage quality
 - Accurate revenue measurements
- Fluke solutions:
- Fluke Connect
 - Digital multimeters
 - Clamp meters
 - Power quality analyzers
 - Earth ground clamp meters
 - Alignment tool

Substation Technician

- Issues faced:
- Preventative maintenance
 - Equipment protection with proper grounding
 - Transformer breaker and relay performance
- Fluke solutions:
- Fluke Connect
 - Digital multimeters
 - Clamp meters
 - Earth ground testers
 - Insulation testers
 - Thermal Imagers and SF6 Gas Detectors
 - Infrared windows
 - High voltage tester

Lineman

- Issues faced:
- Safety during troubleshooting and connectivity
 - Accurate and consistent data
- Fluke solutions:
- Fluke Connect
 - Digital multimeters
 - Clamp meters
 - Thermal imagers

Energy Audit Technician

- Issues faced:
- Areas of improper insulation
 - Unwanted air infiltration and exfiltration
 - Quality energy audits
- Fluke solutions:
- Fluke Connect
 - Earth ground testers
 - Power quality analyzers
 - Thermal imagers

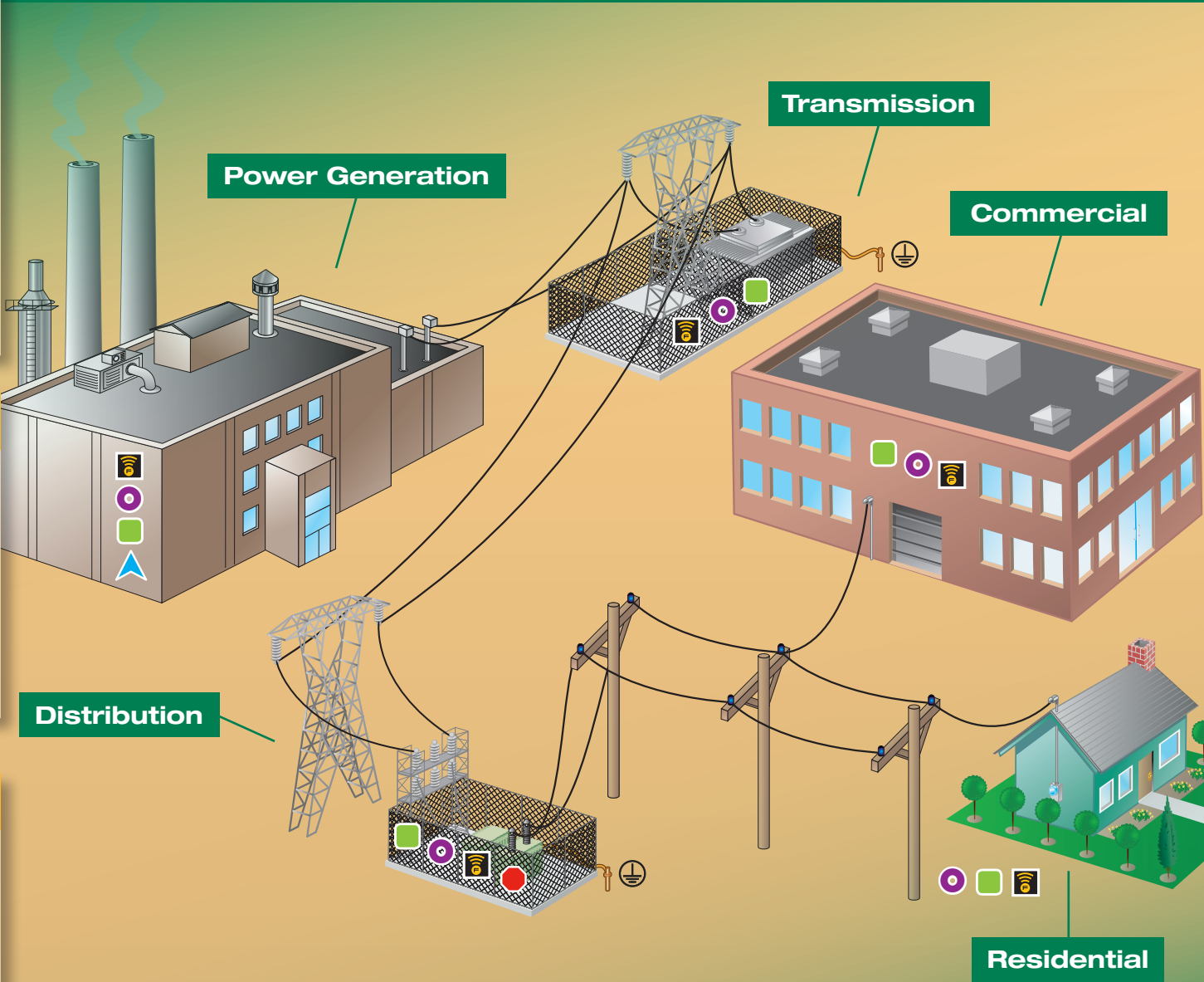



















Diagram is not intended to be an exact representation.
Diagram components are not to scale and are for illustration purposes only.

Fluke utilities solutions

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

Process Calibration Tools			Electrical Test Tools								Infrared and Vibration Tools					Software	Amprobe
Multifunction process calibrators	Process test tools		Power quality analyzers	Portable oscilloscopes	Power quality loggers	Clamp meters	Insulation testers	Earth ground clamp meters	Earth ground testers	Digital multimeters	Thermal imagers expert	Thermal imagers professional	Infrared windows	Vibration tester	Alignment tool	Maintenance software	High voltage tester
 754	 773		 430 Series II	 190 Series II	 1748	 376 FC	 1555	 1630-2 FC	 1625-2 Kit	 87V	 TiX580	 Ti450 SF6	 CV Series	 810	 830	 Fluke Connect®	 TIC 300 PRO