

## Data Center

CapEx beneficiaries within power and cooling  
Test and Measurement solutions applications

### Backup Power

#### Uninterrupted Power Supply Testing

- DL950 ScopeCorder
- WT5000 Precision Power Analyzer
- GM10 Data Acquisition System
- Voltage and Current Probes
- Grid Simulator
- Electronic Load(s)

#### Generator Performance Testing

- WT5000 Power Analyzer
- Current Sensors
- Load Bank

#### H2 Fuel Cell Energy Output Validation

- WT5000 Precision Power Analyzer
- DL950 ScopeCorder
- GM10 DAQ
- Programmable Electronic Load

#### Battery Management System Validation

- GM10 DAQ
- Electronic Load
- Environmental Chamber

### Power Distribution

#### Validation of Power Distribution Panels

- WT5000 Precision Power Analyzer
- DL950 ScopeCorder
- GM10 DAQ
- Current Probes
- Thermal Sensors / Thermal Camera
- Variable Power Supply
- Electronic Load

#### Validation of Power Distribution Units

- WT5000 Precision Power Analyzer
- DL950 ScopeCorder
- Electronic Load / Load Bank

#### Generator Functional Testing

- DL950 ScopeCorder
- Voltage Probes
- Current Sensors
- Logic Probes
- Load Bank (Resistive/Reactive)

#### Generator Set Efficiency Testing

- WT5000 Power Analyzer
- SL2000 High-Speed DAQ
- Current Probes
- Fuel Flow Meter
- Load Bank

### Cooling / HVAC solutions

#### Validation of Air-Cooled CRAC Units

- WT5000 / WT333E Power Analyzer
- GM10 Modular Data Acquisition
- Pressure Transducers and Humidity Sensors
- Ultrasonic/Vane Anemometers
- Class A RTDs/Thermocouples
- Load Banks/Server Emulators

#### Validation of Air-Cooled Chiller (CRAH)

- WT5000 Precision Power Analyzer
- GM10 DAQ
- Magnetic / Ultrasonic Flow Meters
- Pressure Transducers
- Environmental Sensors
- Load Banks / Control Valves

### Power from the Grid

#### Validation of Solid-State Transformers

- WT5000 Precision Power Analyzer
- DL950 ScopeCorder

#### Validation and Testing of Transformers

- WT5000 Precision Power Analyzer
- AC Source / Grid Simulator
- Safety and/or Differential Probes

#### Measuring Power at 50 Hz / 60 Hz

- WT5000 Precision Power Analyzer
- Current Transformers / Current Clamps

#### Grid Power Quality

- CW500 Power Quality Analyzer
- DL950 ScopeCorder

### Server Cabinets

#### Servers Testing (Server Efficiency Rating Tool)

- WT5000 Precision Power Analyzer
- DL950 ScopeCorder
- Automated Test Controller

