

## Benefits

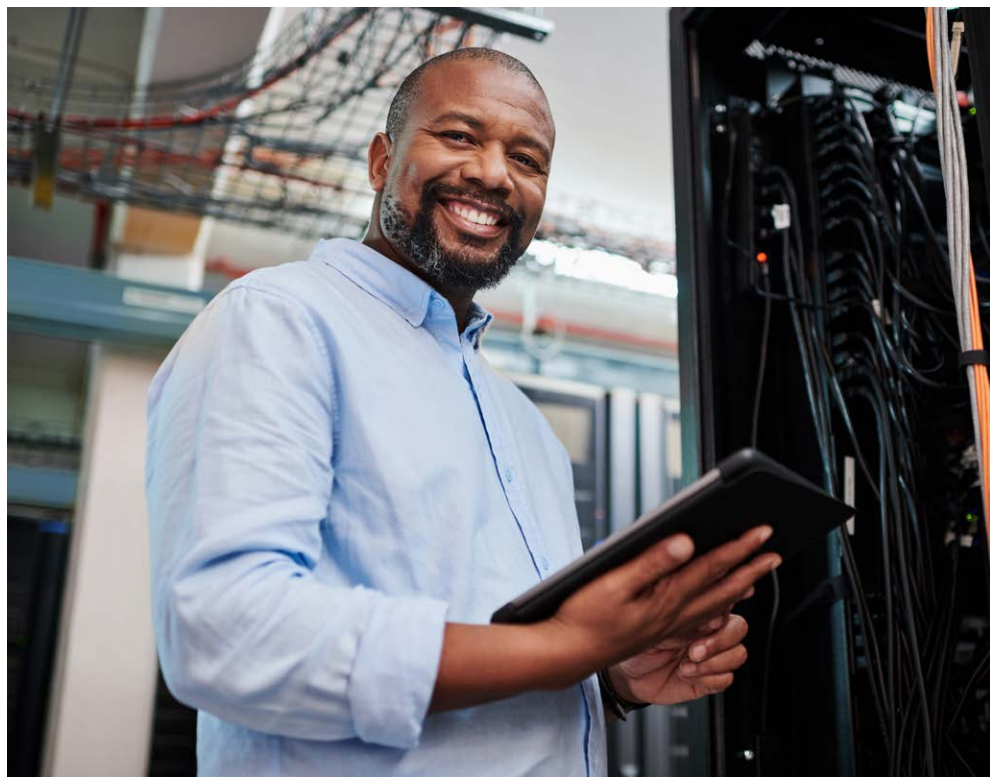
- Reduce risk of long-term damage and protect your warranty
- Ensure system settings meet the most rigorous requirements, yours or accepted industry standards
- Rest assured your DC power plant is installed properly and configured optimally
- Document your initial settings and receive written confirmation of findings

## Rest assured your DC power plant is installed properly and configured optimally

At Vertiv™, we provide quality services to our clients to ensure that their power equipment is installed properly and to identify deficiencies before problems arise. We know the risks that improper system configuration can pose to your equipment and business. That's why, even if a third party has installed your system, you can depend on us to perform testing and verification of that equipment.

- Verify proper installation and equipment settings
- Verify installation according to Telcordia GR1275 or other customer specified standards
- Provide Test & Turn-up report

Test and turn-up service for network infrastructure helps you identify problems before they occur. It also provides the security of knowing that your DC power system is problem free prior to turn-up. Test and turn-up for Vertiv™ NetSure™ DC power equipment is available upon request. Our teams of dedicated field service engineers are highly trained to perform our full service offering to support your entire network infrastructure, safely and professionally.



## Test & Turn-Up Procedures

Vertiv™ performs the following test and turn-up procedures, depending on the Vertiv™ NetSure™ or 3rd party DC power equipment you have on site. Testing is verified to industry standards or customer preferred standards.

### DC POWER SYSTEM

#### **Vertiv adjusts:**

- Rectifier set points to battery manufacturer specifications
- Alarms settings to customer specifications

#### **Vertiv measures:**

- Voltages of rectifiers, converters, inverters

#### **Vertiv verifies:**

- DC wiring and AC wiring to the rectifiers
- Proper working conditions of power plant
- Input AC voltage and DC current/voltage
- Proper meter readings
- Float, equalize and current limit settings
- Reporting of pre-installed alarms
- High voltage shutdown set-point
- Low voltage disconnect set-point
- High/low voltage alarm set-points
- Low current set-point

### BATTERIES

#### **Vertiv performs:**

- Construction dust removal from batteries and rack per manufacturer recommendations
- Ohmic measurement readings
- Cell voltage readings

#### **Vertiv verifies:**

- Battery connections are properly torqued to manufacturer specifications
- Batteries are strapped properly
- Batteries are properly connected to the DC plant

### MONITORING

#### **Vertiv adjusts:**

- Binary inputs for proper operation
- Relay outputs for proper alarm trigger

#### **Vertiv verifies:**

- Analog inputs for calibration including volts, current, temperature, amps, etc.
- All required connections are properly terminated
- Any required programming



Scan this QR code to find your local Vertiv sales rep and get started today.

Make sure to select product/service type “DC Power Systems” when locating your contact.



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