



Needs Assessment Service

Professional Services

The TechPower Needs Assessment Service offers a detailed review of your data center or server room. A TechPower - APC Authorized Datacenter Design Engineer will visit the site for part of one business day and collect data pertaining to electrical loads, wiring practices, power quality, existing power protection equipment and environmental conditions. With this data, a customized or standard report will be developed which includes the optimal Power Protection Strategy given the actual load requirement and the Electrical Infrastructure of the particular site.

Items generally included in the standard report:

- APC and Customer Contact Information
- Executive Summary
- Site Description
- Existing Power Back-up Equipment
- Proposed / New Power Back-up Equipment
- Electrical Requirements necessary for Power Protection Solution
- Constraints, such as floor loading and building access
- Floor Plan Sketch
- Digital Photographs

Additional items, which may be included in a customized report:

- Professional CAD drawing of room
- One-line Electrical Diagram

Benefits to Customer:

- Measure actual power consumption of electrical loads to ensure proper UPS sizing
- Discover Power Quality or grounding issues prior to a UPS solution
- Determine exact electrical requirements necessary for UPS installation
- Free customer resources to focus on core business function
- Report template customizable to the customer's needs

Important Points:

- An additional Needs Assessment Service must be purchased for each additional day on-site (discount applies)
- APC engineers must have access to all electrical panels and data / server rooms
- Allow five business days for completed report to be shipped to customer
- Scheduling must be arranged two weeks in advance
- If branch circuit tracing is required, additional SKUs must be purchased for additional days onsite