IT Systems Energy Efficiency Assessment

Gauge your energy efficiency and reduce consumption

What do you use, where can you conserve?
Gauge your IT organization’s energy efficiency, identify ways to lower consumption and plan for infrastructure growth. A rapid IT Systems Energy Efficiency Assessment provides “hard number” data center information and actionable steps to identify energy efficiency improvements that can optimize system energy use or performance.

The expert consultants of IBM Systems and Lab Services will analyze (and quantify) your existing IT systems energy efficiency and provide a full view of any negative consequences or wasteful areas. With this type of feedback, clients can grow within the capacity constraints of an existing data center and avoid or delay the expense, effort and interruptions of expansion or relocation.

Key benefits and features include:

- Proven methodology of quantified and metric supported analysis
- Actionable recommendations for both decreasing energy use and increasing workload capacities
- Provided in the context to meet or exceed service level agreements
- Identifies possible results from using alternative energy and spacing methods for your systems

Highlights

- Quantify existing IT energy use for equipment, totaled by workload and categories, meaningful to IT and business units
- Analyze data center capacity and predicted exhaustion points that may require an upgrade or new installations
- Learn strategies and alternatives to decrease energy use, both now and in the future
- Gain specific and actionable steps for measurable results
Do you need an energy assessment?
When you know the amount of energy you use—and where—you can discover ways to reduce overall energy consumption now as well as plan for future needs. Ask yourself:

- Are IT system energy demands approaching data center facilities capacity limits?
- Do you want to improve the energy efficiency of your IT systems?
- Has your organization virtualized and consolidated systems, but find data center capacities are still shrinking?

Typical deliverables
This assessment uses a proven methodology for quantifying conventional energy use of all IT equipment in the data center. This two-to-three week engagement is delivered by a team of two or more highly experienced senior consultants who analyze the cross platform/tiered systems energy and quantify reduction potential. The report, presented to IT and facilities executives, consists of:

- The consulting teams’ findings, analysis and recommendations
- Quantified energy usage results and metrics of virtualization efforts to date
- Values and metrics to evaluate energy consequences of IT choices in systems
- Data to avoid facilities upgrade or new facility build out through energy demand actionable steps
- Possible facilities energy savings

For more information
Pricing depends on the size and complexity of data center IT equipment. Learn more about the IT Systems Energy Efficiency Assessment and other related products and services. Contact stgls@us.ibm.com or visit:

ibm.com/systems/services/labservices