

Data Center Energy Efficiency Optimization

Reduce wasted energy to lower operating expenses



Offering Highlights

- **Evaluation of current data center IT equipment and facility infrastructure power demand, efficiency, and capacity**
- **Recommendations for how to increase energy efficiency of the data center infrastructure to save money**
- **Suggestions on how to expand IT system capacity within existing facilities and available power budget.**
- **Performed by experienced IBM Data Center Services Power/Thermal Development Engineers**
- **Attractively priced offering**

Offering Description and Value

Energy to power and cool the datacenter is one of the largest and fastest growing expenses eating away at IT budgets. Therefore, optimizing energy efficiency is essential to maximizing IT value now and in the years to come. This offering allows you to work one-on-one with IBM Data Center Services Power / Thermal Development Engineers to formulate a balanced plan to improve efficiency, reduce total cost of ownership, and maximize the aggregate IT equipment supported by an existing data center infrastructure.

The Project

A swift engagement encompassing analysis, validation, solutions, and business case development is normally scheduled to complete in an elapsed time frame of 1 - 2 weeks. This schedule may include up to 5 days of on-site collaboration between IBM and the client.

Typical Project Tasks

1. *Project scope / resources / core dates agreed upon*
2. *Baseline server, storage, Air Conditioning, PDU, and UPS power profile data collection/estimation*
3. *Onsite evaluation, measurements, and interviews*
4. *Outline improvement opportunities and supporting business cases*
5. *Develop recommendations and create final presentation*
6. *Deliver final recommendations via presentation*

Project Prerequisites

This engagement requires a client executive as a sponsor and a client project driver to initiate and facilitate the process.

For More Information

To find out more about Data Center Energy Efficiency Optimization, and other related products and services, contact IBM Data Center Services at datacntr@us.ibm.com.



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