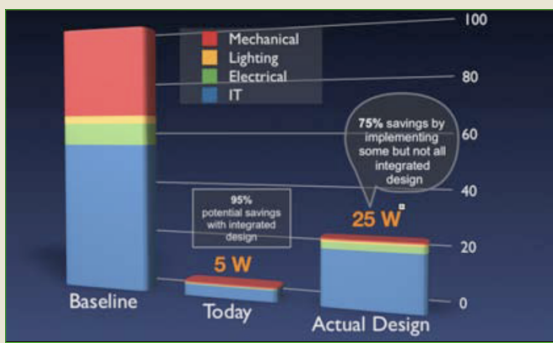


Integrated Design identifies 10x energy savings



75% savings identified for EDS when implementing only some measures



RMI has show how to reverse the trend with efficient data centers.

### EFFICIENCY INTO BUSINESS PRODUCTIVITY

Now HP Enterprise Services, EDS was a technology services provider that delivered business solutions to its customers across the globe. To deliver a broad portfolio of information technology and business process outsourcing services, EDS maintained over one million square feet of data centers around the world.

EDS' data center operations accounted for about 75 percent of its world-wide electricity use, and are responsible for half of its 800,000-metric-ton global carbon footprint. EDS data centers faced increased demand for capacity, rising energy costs, and increased pressure from clients to minimize their carbon footprint. RMI addressed all these factors, providing business and environmental value through the innovative design strategy of the Next Generation Data Center focused on IT and facility efficiency.

RMI helped EDS develop a strategy to meet its growth demands at minimal capital costs by aggressively targeting a number of efficiency measures. Implementation of the measures will allow existing data centers to absorb all new business and electricity load growth over the next three years, providing major emission reductions. These recommendations effectively eliminated the need to build expensive new facilities and revealed that EDS could consolidate data centers, enabling small and inefficient facilities to be closed down, further multiplying energy savings.

### IDENTIFYING EFFICIENCY'S BUSINESS VALUE

RMI identified four ways in which advanced efficiency provides quantifiable business value:

- Capital expenditure avoidance
- Operational expenditure program
- Risk mitigation
- Marketing value

For Hewlett Packard, which recently acquired EDS, efficiency measures that increase data center server capacity have the potential to delay or eliminate capital expenditure, so they are typically quite cost effective. Efficiency measures also reduce the amount of power needed to meet a given computing demand, reducing operating costs over time. Advanced efficiency will reduce HP's exposure to unexpected future energy price increases, which could result from any number of political or environmental scenarios. By implementing the entire scope of efficiency advancements,