



Let Eaton Corporation show
you how to save over \$1 million
the first year...

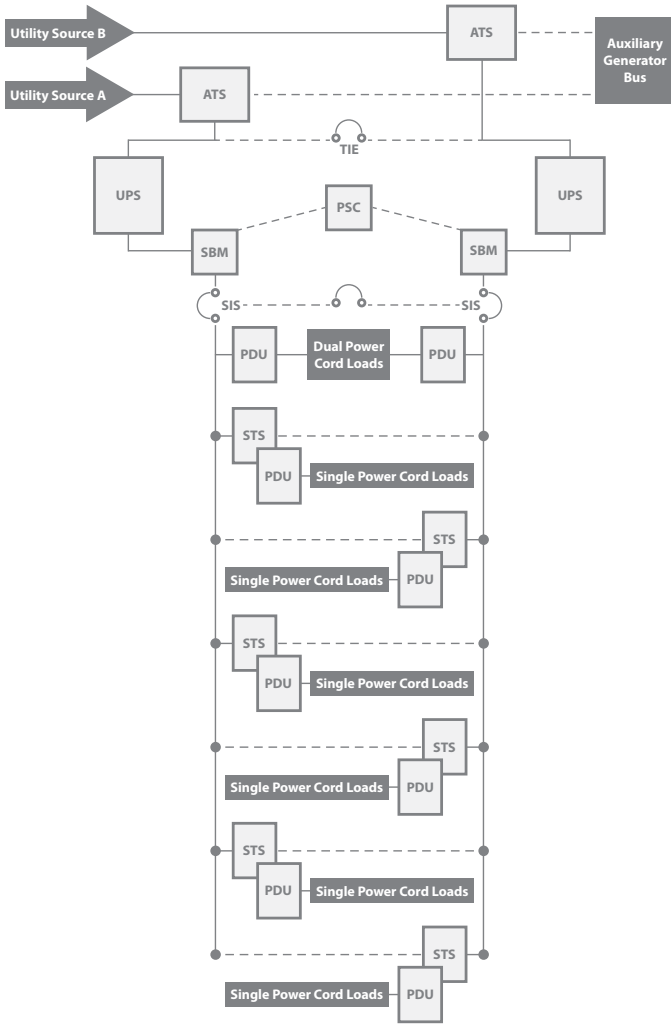
- **Reduce expenses**
- **Increase efficiency**
- **Decrease maintenance requirements**
- **Simplify complexity**
- **Improve reliability**

...on the construction of your
next data center.



Powering Business Worldwide

Fully Deployed – Conventional System

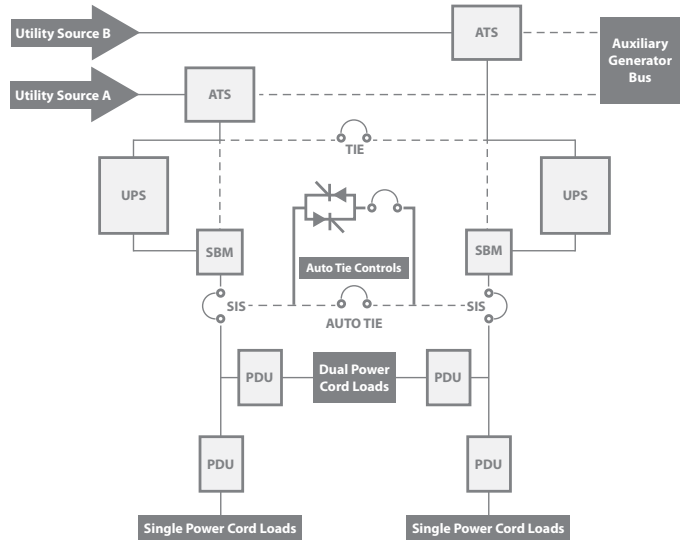


Conventional System

Single power cord loads are fed through servers static switches. This creates an elaborate and complex distribution system with:

- Increased capital expenses
- Additional installation costs
- Less reliability
- Decreased efficiency
- Increased maintenance requirements

Fully Deployed – Static Auto Tie Configuration



Reduced Capital Expense	\$ 700,000
Reduced Installation Cost	\$ 200,000
Lower Operating Energy Costs	\$ 10,091
Lower Yearly Maintenance Costs	\$ 60,000
Recover Valuable Operating Floor Space	\$ 39,600
TOTAL SAVINGS \$	1 MILLION+

All dollar figures are based on a 50,000 ft² raised floor facility supported by a dual path configured 3000 kVA UPS. Estimated cost of down time was \$750,000 per hour with a four hour minimum per instance.

Twelve Static Transfer Switches were removed from the initial design by using SAT.

Dollar values will vary based on site design.

Static Auto Tie Configuration

There is a "hot-tie" circuit between the outputs of the two UPS's that can automatically transfer the loads from one to the other as necessary.

This less-complex, dual-path architecture streamlines the distribution system, eliminating series switching and reducing the potential down-time of single power cord loads by up to 50%.

This enables:

- Reduced capital expenses
- Reduced installation costs
- Increased reliability
- Increased efficiency
- Decreased maintenance requirements

Eaton Corporation
Electrical Sector
8609 Six Forks Road
Raleigh, NC 27615
Toll free: 1.800.356.5794
www.eaton.com/powerquality

©2011 Eaton Corporation
All Rights Reserved
Printed in USA
PLS61FXA
May 2011