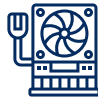


THE ONLY DATA CENTER COOLING SPECIALISTS WHO CONSULT AND DELIVER TURNKEY SOLUTIONS FOR LEGACY CRITICAL FACILITIES.

We enable companies to be better environmental stewards by reducing data center cooling energy consumption and greenhouse gases.

COOLING OPTIMIZATION WITH VERIFIABLE ENERGY REDUCTION

Right-size your data center cooling capacity and improve airflow management to reduce energy costs by 20-35%. This represents not only significant cost savings, but substantial improvements to the thermal conditions of IT equipment.



data center cooling optimization



cooling energy efficiency audit



energy conservation measures



critical facility airflow modelling

SERVICES
with measurable results!



critical facility design consultation



best practice training



incentive program management



OPEX efficiency program

6,005,025 kWh

reduction in clients' cooling energy use



\$752,608

reduction in clients' cooling energy costs



\$600,503

energy incentive payments recieved by clients



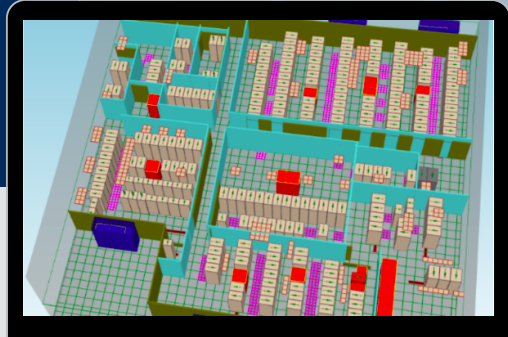
CALL NOW

1-866-831-4775

info@sct-inc.com
www.sct-inc.com

CASE STUDY

COLO COOLING OPTIMIZATION



SITE OVERVIEW

A colocation space with 234 racks covering 7,000 sq.ft. The data center had a raised floor and a drop ceiling, with downflow cooling units, eight Liebert DX, with four on each of the two sides.

Stakeholder Criteria: reduce energy consumption, improve cooling effectiveness

COOLING OPTIMIZATION PROGRAM



Airflow Management



Networking Cooling Systems



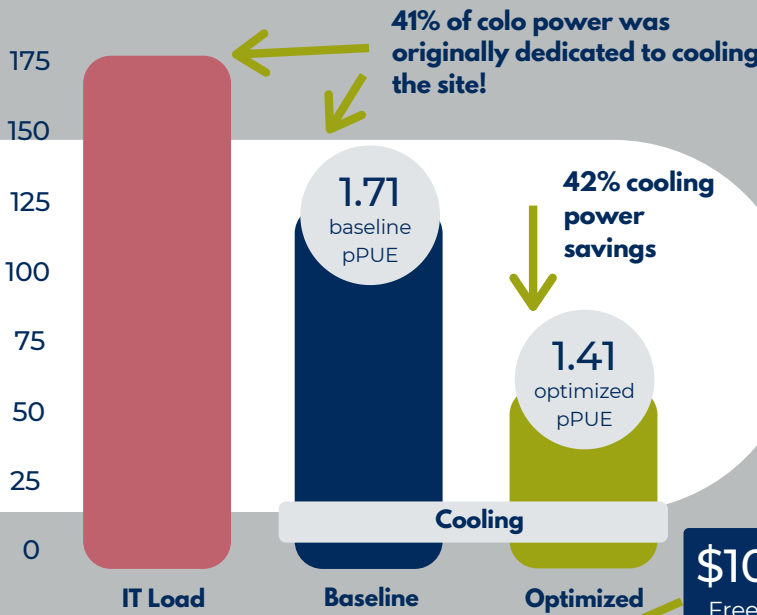
CRAC Sequencing



Operational Settings

OPEX PERFORMANCE

COLO POWER USE



501,000 kWh

Cooling Energy Reduction

\$65,223

Annual Cooling Energy Cost Reduction

\$46,590

in energy incentives

\$100,000 +
Freed up in the first year alone!

CAPEX INSIGHT

Available Cooling Capacity:

225 kW
(64 tons)

219 kW

Estimated Room for IT Load Increase



126%
IT Load Increase