



CONNECT TO GREEN I.T.

CUT ENERGY COSTS & IMPROVE PROFITABILITY IN YOUR DATA CENTER

ENERGY TRUST CAN HELP WITH SOLUTIONS TO:

- Reduce operating costs
- Earn cash incentives up to \$500,000 per year
- Help maintain ideal conditions for equipment, protecting critical data and computing functions
- Enhance reliability and flexibility
- Limit growth in electricity demand and carbon emissions
- Help cool global warming and contribute to a more sustainable future
- Generate clean, renewable energy

Increased demand for computer resources and rising energy costs are shrinking the profitability of companies with large data centers. Energy consumed by data centers doubled between 2000 and 2006 and is expected to double again by 2011. The Environmental Protection Agency estimates that U.S. data centers could save up to \$4 billion in annual electricity costs with proven energy-efficiency upgrades and best practices.

These improvements don't require significant down time and can be implemented without compromising network security. Often, improved energy efficiency can increase performance and availability. For example, better cooling distribution can eliminate hotspots to help prevent equipment failures.

Energy Trust of Oregon offers innovative solutions and cash incentives that can help offset rising energy costs in your data center, giving you an edge on the competition. We can help bring your data center back into the green.

Earn up to \$500,000 in cash incentives

Energy Trust pays cash incentives when you install qualifying energy-efficient equipment, such as:

- Heating, ventilation and air conditioning equipment
- Lighting and lighting controls
- Insulation

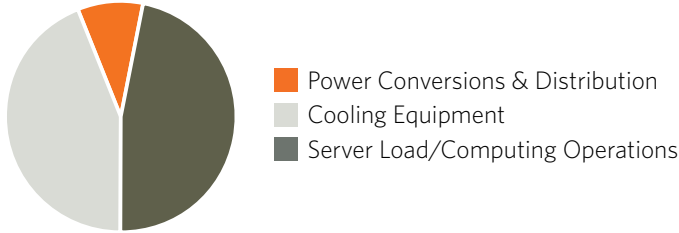
Projects must be pre-approved and meet energy savings and other specifications. The maximum incentive per site is \$500,000 per year.

Additional upgrades may qualify for custom incentives and could include free cooling, air flow management and high-efficiency fans, server consolidation, energy-efficient uninterruptible power supplies (UPS) and desktop PC power management.

Get comprehensive energy audits for large data centers

Energy Trust helps pay for comprehensive energy audits to uncover energy-efficiency opportunities in large data centers. Audits provide a professional analysis of the energy impact and cost-effectiveness of upgraded technologies in your facility.

Typical data center energy usage



Design a new, high-performance data center

If you're planning a new data center or major renovation, Energy Trust also offers technical assistance and cash incentives to help you design and construct a facility that has lower operating costs, increased performance and meets green building certifications.

Reach to the sun

Tap into clean, renewable energy with a solar electric or solar water heating system. Investing in solar energy lowers your energy costs, while demonstrating your commitment to curb global warming. Energy Trust's cash incentives combined with state and federal tax credits can help you recover as much as 85 percent of your investment. Your upfront costs may be paid back in less than five years.

GET STARTED NOW

To learn more about how we can help your business, contact Corban Lester:
1.877.510.6800 or corban.lester@lmco.com
www.energytrust.org/datacenter



According to the U.S. Department of Energy, current trends reveal energy consumed by data centers will continue to grow by 12 percent per year.



If state-of-the-art technology were adopted, energy efficiency could be improved by as much as 70 percent. However, even saving a modest 10 percent of total energy use would amount to energy savings of 10.7 billion kilowatt hours per year—an amount equivalent to the electricity consumed by one million U.S. households and valued at about \$740 million.



Environmental Protection Agency