For over eight years and five phases, Ameresco has helped Children's Hospital Boston realize over $1 million in annual energy and maintenance cost savings.

Beginning in 2002, Ameresco has undertaken five phases of comprehensive energy audits and turnkey energy retrofits that have resulted in significant savings for Children's, including an average of $950,000 in annual utility cost savings and $76,000 in annual maintenance cost savings. Additionally, the changes have improved the indoor air quality and enhanced light quality throughout the campus.

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Environmental Benefits
Through the partnership with Ameresco, Children's Hospital Boston is expected to save the equivalent of 3,793 metric tons of CO2 per year. The green benefit from this carbon reduction is roughly equal to:

► 744 cars taken off the road for one year
► 328 households powered for one year
► 809 acres of pine forest absorbing carbon

The project helps reduce the need for energy from traditional power plants fueled by fossil fuels.

Customer Benefits
Children's Hospital Boston (Children's) and Ameresco finalized the fifth phase of its energy efficiency agreement in February 2011. Over the eight years of collaboration, Ameresco's long-term relationship has helped Children's realize energy and maintenance savings as part of its strategy of service excellence to support being a worldwide leader in improving children's health.

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Summary
In 2011, Children's Hospital Boston and Ameresco entered the fifth phase of an energy efficiency agreement. Through energy efficiency initiatives, demand side programs and utility rebates, Ameresco has helped Children's solidify its position in the healthcare industry and regional community as an environmental and efficiency leader.

Accolades
“Our ongoing energy efficiency work with Ameresco has resulted in an important re-investment in our facility, with substantial operational and maintenance improvements. The changes were implemented in a cost-effective manner, without disruption to normal hospital operations. This project has benefits beyond financial as these improvements have enhanced the hospital environment for our patients and staff alike.”

- Paul Williams
Director of Engineering
Children's Hospital Boston

“It is always a personal satisfaction for me when we move forward with new initiatives and energy projects to know that I have a company like Ameresco working with us. The company has never failed to give nothing short of 100 percent.”

- Jack Connerty
Utilities / Energy Systems Manager
Children's Hospital Boston

Services Provided
Over the five phases of this partnership, Ameresco has completed energy audits and the installation of energy efficiency measures. All installations were completed on-time, on-budget, and during normal business hours, which required regular

Contract Details
Contract Type:
Design / Build;
Demand Side Management;
Energy Efficiency

Facility Size:
15 buildings;
1,462,845 square feet

Energy Project Size:
$4,873,477

Annual Energy Savings:
$950,000
5.5 million kWh
17,000 MMBtu
12 million gallons

Environmental and efficiency leader.
industry and regional community as an solidify its position in the healthcare
Ameresco has helped Children's
side programs and utility rebates,
energy efficiency initiatives, demand
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...
Hospital Boston is expected to save the equivalent of $950,000 in annual utility cost savings and $76,000 in annual maintenance cost savings. Additionally, 809 acres of pine forest absorbing carbon from this carbon reduction is roughly equal to 328 households powered for one year.

In eight years of collaboration, Ameresco’s long-term energy efficiency agreement in February 2011 has resulted in an important re-investment in our facility, with substantial operational and maintenance improvements. The changes were implemented in a cost-effective manner, without disruption to normal hospital operations. This project has failed to give nothing short of 100 percent. "It is always a personal satisfaction for me when we have enhanced the hospital environment for our patients and staff alike. Our ongoing energy efficiency work with Ameresco has benefited the hospital in a number of ways, including increased patient and staff comfort, improved safety, and lower costs. The company has never been short of more than two as much energy per square foot as office buildings, so these customers are excellent candidates for energy efficiency upgrades and retrofits. When one considers that third-party providers set reimbursement rates, hospitals cannot pass along these costs. Ameresco can help healthcare providers improve energy efficiency by an average of 30 percent, thus creating a new source of capital to invest in facilities, state-of-the-art medical equipment, staff salaries, or other mission specific critical needs.