



Rockefeller Group

*The
Rockefeller
Group*

"We are very proud to be one of the first companies in New York City to receive such a large rebate from Con Edison."

—Kevin R. Hackett, President & CEO,
Rockefeller Group

Opportunity

For eight decades, the Rockefeller Group has engaged in some of the most significant real estate endeavors in the U.S.—beginning with the development of the Rockefeller Center business and entertainment complex. The Group counts sustainable development and energy management as integral to its core mission. In 2011, the Rockefeller Group wanted to dramatically reduce energy consumption in Rockefeller Center Building, 1271 Avenue of the Americas—The Time-Life Building—and sought a cutting-edge energy optimization solution to achieve this goal.

Solution

The Rockefeller Group partnered with LVI Energy to choose an energy optimization provider. LVI Energy selected the OptiCx® platform and OptimumLOOP® to holistically optimize the central chiller plant of the Time-Life Building. The OptiCx platform, which also optimizes boiler and airside HVAC sub-systems, constantly monitors and dynamically tunes the building's chiller plant; the solution automatically and continuously adjusts operating parameters to dynamically reduce energy draw, while maintaining occupant comfort and delivering steep energy savings.

Results

Projected emission reductions total nearly 3,000 tons of CO₂ annually—the equivalent of taking more than 550 cars off the road. As a result of implementing the solution, Con Edison awarded the Rockefeller Group a rebate of \$557,370. Con Edison's Energy Efficiency Program Manager, David Pospisil, is "extremely happy" with the outcome of the Rockefeller Group project and encourages more customers to take advantage of incentives. The efficiencies attained with the Optimum Energy solution helped enable the Rockefeller Group to receive LEED-EB certification for 1271 Avenue of the Americas.

ABOUT OPTIMUM ENERGY

Since 2005, Optimum Energy has helped customers in healthcare, high tech manufacturing, and other industries reduce energy use in buildings, delivering typical energy savings of 30 percent, improved operating efficiency, and reduced carbon emissions. The OptiCx® platform combines technologically advanced HVAC optimization software with world-class expertise in system design and operations. It has helped current customers save over 1 billion kilowatt-hours of electricity, reduce carbon emissions by nearly 655,000 metric tons, and save over 200 million gallons of water.