

# Fortune 100 Technology Company Reduces Energy Consumption by 35%

Utilizing an Energy-as-a-Service Agreement (EaaS), over the past seven years our client has saved millions of dollars in realized energy savings.



## The Challenge

Like many other Fortune 100 companies, our client had established ambitious energy efficiency goals. Accessing the capital funding required for enterprise-wide energy optimization was challenging, so the initial approach was to proceed on a project-by-project, and region-by-region basis. The inefficiencies and inconsistencies resulting from this piecemeal approach quickly became apparent, and our client sought an alternative solution.

## The Solution

The obvious solution was to identify a national partner offering the financial, technological, construction, measurement, reporting, and monitoring building blocks needed to implement enterprise-wide energy optimization. We recommended the Energy-as-a-Service program, which shifted all implementation costs and asset ownership to a third party.

Since the Energy-as-a-Service platform freed our client from any capital investment, they could triple the number of facilities that they could make energy efficient each year.

## The Impact

Over the first seven years of working together, we signed more than \$82 million in energy efficiency projects, helping our client reduce their lighting energy consumption by 70%, their HVAC consumption by 28%, and the overall electrical energy consumption at fulfillment centers by an average of 25%.

The result? Millions of dollars in realized energy savings.

Most of these projects were implemented through our EaaS program that resulted in zero risk, zero investment and a net positive cash flow to our client that will be worth over \$24 million in annual operational savings at the end of the EaaS.

\$30M+

Annual energy  
cost savings

\$615,000

Maintenance  
savings reduction

500M+

kWh saved  
to date

## Why Centrica Business Solutions?

- Our EaaS solution allows the private sector to implement multi-measure infrastructure projects with zero upfront capital expenditure
- Guaranteed energy savings to pay for the project and provide additional annual cost savings
- Centrica Business Solutions' experience and track record demonstrate preparedness to help organizations with a truly turnkey, multi-measure, multi-site EaaS solution

To date, they have saved more than 500,000,000 kWh from their installed projects.

- Annual Energy Savings Cost: \$30,000,000+
- Annual Maintenance Cost Savings: \$615,000
- Carbon Dioxide Reduction: 300,608 tons

By removing this quantity of CO2 from the atmosphere, this project will have the same effect on the local community as:

- 4,970,617 tree seedlings grown for 10 years
- 392,580 acres of U.S. forest preserved
- 64,944 cars off the road for one year
- 33,825,588 gallons of gas saved