

CATALYST CASE STUDY

IKEA IN RENTON, WASHINGTON SEES MAJOR ENERGY SAVINGS WITH THE CATALYST

IKEA is a nationally recognized showroom retailer with a firm dedication to sustainability and efficiency. Transformative Wave was pleased to partner with them to create a more energy efficient facility for their Renton, Washington location.

THE CHALLENGE

Even with new equipment, and a sophisticated building management system, facilities staff had been tasked with saving an additional 7% in energy spend.

THE SOLUTION

Because the existing BMS provided many energy-saving features, only the **CATALYST** Opti-Run fan control was applied to the 40 units at IKEA Renton. Units average 12.5 tons.

SUMMARY

The IKEA project answered two previously unaddressed questions: how would the **CATALYST** function in tandem with the most sophisticated BMS systems, and were significant savings available in a fan-only application? The answer to both questions has been a resounding "YES" at IKEA Renton.

POWERFUL RESULTS



Utility Subsidy
Entire Project
cost: **25%**



Project Pay
Back: **1.8 yrs**



Return on
Investment
(ROI): **56%**



Projected
Savings:
**327,000
kWh/yr**

