



Thinking Outside the Box: A Premium Success Story

The Problem

Not long ago, Jack in the Box's Corporate Support Center started rethinking its energy systems. As the company headquarters, the San Diego facility is critical to daily operations.

Consisting of two buildings — more than 200,000 square feet total — the facility houses the company's state-of-the-art research laboratories, a high-tech data center, and numerous executive and administrative offices.

"Our data center is particularly mission-critical," says Rozlin Guthrie, director of corporate facilities. "It processes information for our more than 2,200 restaurants."

When strategizing about energy, it wasn't hard for Jack in the Box to pick a target. With skyrocketing costs, the obvious priority was air conditioning.

With several complex, temperature-sensitive computer systems, it was essential to keep the facility cool.



The Solution

Jack in the Box's first step was to schedule an A/C assessment. Fortunately, the company had a Preventative Maintenance Agreement with HVAC contractor, Weatherite.

"We discussed the situation with Weatherite," explains Sutton. "They suggested upgrading to new equipment."

Jack in the Box's existing equipment had a low Energy Efficiency Rating (EER), which is a typical industry measurement. The higher the EER, the more efficient the unit is.

"On average, their equipment's efficiency rating was only around 8 EER," says Weatherite's Jim Barnings. "I suggested that they upgrade and install an energy management system to better monitor their equipment."

After serious consideration, Jack in the Box decided to proceed with Weatherite's recommendations.

"We knew it was a wise investment to think long-term about replacing the equipment," explains Guthrie. "We also wanted our facilities to run at peak efficiency while providing maximum comfort to our employees. This project gave us an opportunity to achieve these goals."

Project Fast Facts

Project Type:

Comprehensive upgrade of rooftop air conditioning units, installation of Energy Management System

Participant:

Jack in the Box

Facility:

Corporate Headquarters

Location:

San Diego, CA

Building Type:

Large Office

Building Size:

150,000 square feet

Building Vintage:

1960's

Total # of A/C Units:

94

Average tonnage per unit:

7.5 tons

Average efficiency of old equipment:

8 EER

Average efficiency of new equipment:

11 EER

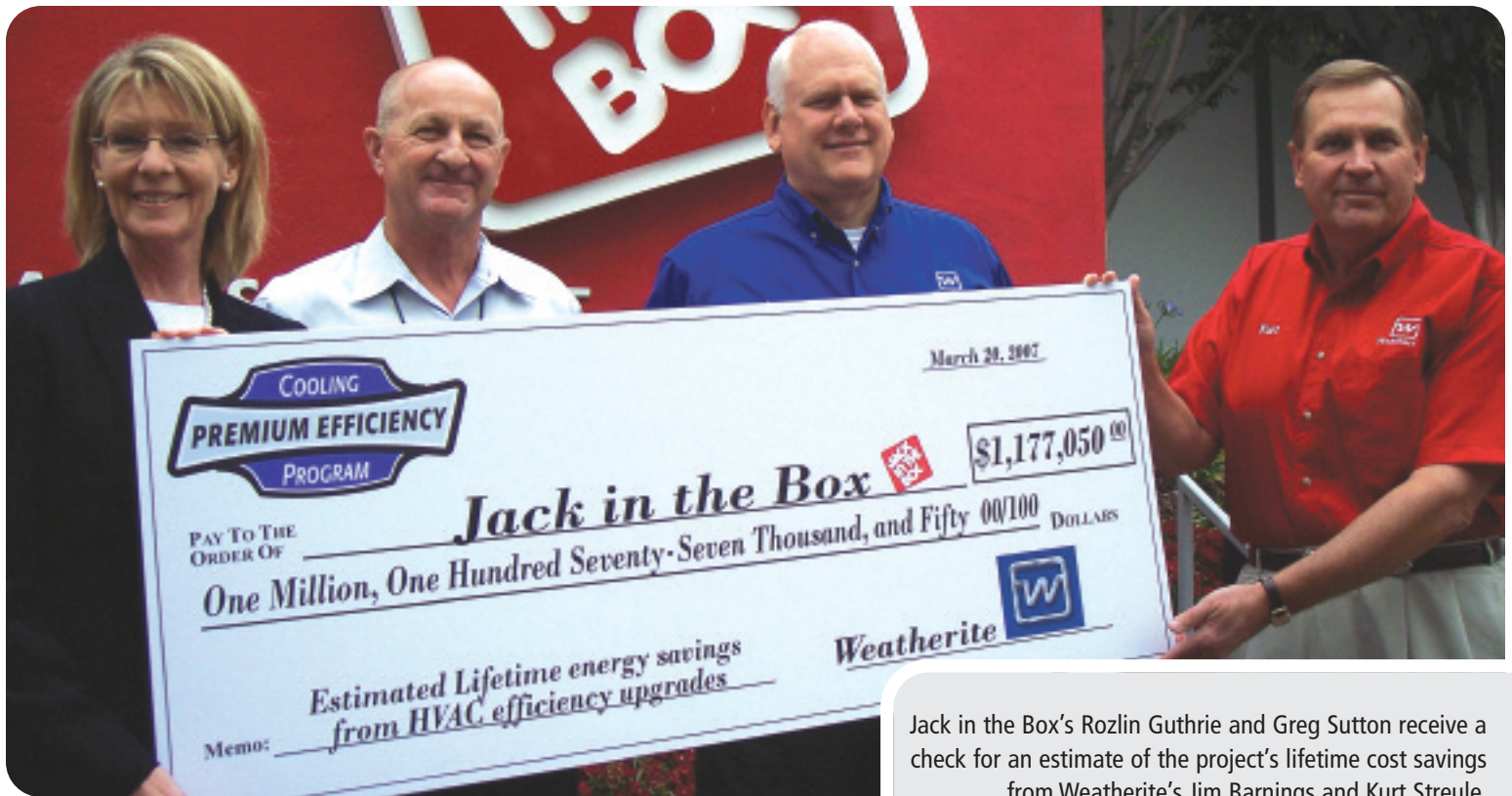
Installed Energy Management System:

Honeywell LCBS

Estimated Lifetime Energy Cost Savings:

\$1,177,050





Jack in the Box's Rozlin Guthrie and Greg Sutton receive a check for an estimate of the project's lifetime cost savings from Weatherite's Jim Barnings and Kurt Streule.

The Project

The project replaced more than 90 rooftop A/C units, which were split into two phases of installation — each lasting ten consecutive weekends. It also installed an energy management system that will help the facility better monitor and adjust energy consumption.

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The Results

Since completing the project, Jack in the Box has been pleased with the results.

“We are very satisfied with the outcome of this project,” explains Sutton. “The units require less maintenance and we are able to better monitor the system's operations.”

Weatherite is a participant in the Premium Efficiency Cooling Program, which estimates that the project's lifetime energy cost savings is \$1.17 million.

“Our program supports the installation of commercial rooftop units that meet

tomorrow's efficiency standards today,” says Premium Efficiency Cooling Program Manager, Elizabeth DeSouza. “As a result of Jack in the Box's smart investment in high-efficiency units today, the Corporate Support

Center will be reaping the rewards of this project for years to come.”

In the meantime, Jack in the Box isn't resting on its laurels. Its commitment to tightening energy use has only just begun.

“Our next step is to start participating in load shedding,” remarks Sutton.

When it comes to energy consumption, Jack in the Box is clearly thinking outside the box.

To learn more about the Premium Efficiency Cooling Program and how you can save on your cooling costs, call: 888.369.1608 or visit www.premiumcooling.com

