

STORIES BEHIND THE BATTLE



JCPenney

Shawnee, Okla.

RECOGNITION:

#6 overall winner

#1 winner, Retail category

20% energy use reduction

SAVINGS:

33.9% energy savings

\$21,100 estimated cost savings

221 MtCO₂e greenhouse gas emissions prevented

BUILDING STATS:

Type: Retail

Ending EUI: 127 kBtu/Sq. Ft.

“Operational habits and behaviors make up a large part of the operating expense and need to be streamlined to yield maximum results.”

Right-sizing with new equipment

By replacing existing oversized and outdated rooftop air conditioning units with more efficient units, the Shawnee, Okla., JCPenney team was able to reduce the amount of cooling necessary while still maintaining the comfort level inside the store. This one change reduced the energy demand load by more than 30 percent!

Schedule for savings

A scheduling program was implemented to reduce the total amount of time the building was occupied without changing the open hours of the store. Aligning housekeeping functions with inventory-replenishment functions enabled the team to reduce occupancy time by nearly 10 percent and adjust the operation of the building systems accordingly.

For additional information, contact:

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