



## PROJECT HIGHLIGHT

# Incredible Savings for Leading Big Box Retailer

## The Goal

The client's commitment to driving energy efficiency and implementing sustainable practices throughout their nationwide big-box stores and distribution centers connected them with Ally Energy Solutions. They relied on AES's vast knowledge of utility tariffs to quickly identify energy efficiency and savings opportunities.

## The Proposal

AES conducted bill audits of the client portfolio, identifying Power Factor savings opportunities at over 180 facilities across several states. To reduce the load on the transformers and eliminate Power Factor penalties, AES proposed a turnkey Power Factor Correction proposal with guaranteed Power Factor improvement.

## The Solution

AES determined Capacitor Banks and Harmonic Filters to improve Power Factor in the facilities would be the most economical method of Power Factor Correction and would provide maximum return for the client. AES implemented a turnkey solution including technical savings analytics, equipment specification and build, installation, post-installation measurement and verification, and warranty.

## The Results



**2.86 Years**  
Client ROI



**\$950,000**  
Annual Power Factor Penalty Savings