



PROJECT HIGHLIGHT

Large School District Saves Thousands in Power Factor Penalties Across 38 Campuses

GRAND PRAIRIE, TEXAS

The Goal

Ally Energy Solutions assisted a large, independent school district in their goal to reduce costs in their energy budget. AES discovered 38 campuses subjected to Power Factor penalties. Using available School Bond Funds to rectify the issue, the client needed education on how the penalties were passed and what could be done to bridge the power gap.

The Proposal

Ally Energy Solutions provided bill audits of the client portfolio, identifying numerous Power Factor savings opportunities. The AES team discovered that reducing the load on the transformers would eliminate Power Factor penalties and save the school district thousands of dollars. The proposal involved a turnkey Power Factor correction solution with guaranteed Power Factor Improvement.

The Solution

After auditing the client's portfolio, AES identified the installation of Capacitor Banks to be the most economical method of improving Power Factor on the campuses and avoiding Power Factor Penalties. AES implemented a turnkey solution including technical and savings analytics, equipment specification and build, installation, post-installation measurement and verification, and warranty.

The Results



3.6 Years

Client ROI



\$175,000

Annual Power Factor Penalty Savings