

Case Study – Concrete & Aggregate Company

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PROJECT OVERVIEW

Concrete and aggregate manufacture operating in the Kansas City area. The company operates eight (8) year round ready mix concrete and aggregate plants, along with a handful of “popup” plants used when demand is higher. The concrete plants utilize electricity, natural gas and water to produce the concrete product, SM Engineering was contracted to reduce utility spending and recover any available refunds.



THE PROJECT

Concrete plants are unique in the way they use all three main utilities for production throughout the year. In order to maximize savings and refund potential SM Engineering analyzed all three utilities. SM Engineering visited multiple sites and collected information on equipment, facility size and operating procedures. A full rate analysis was then conducted and three years of past paid bills were analyzed for all available refund and future credits.

THE RESULT

SM Engineering completed predominant use studies for electric, gas and water meters for many of the concrete and aggregate sites. The predominant use studies resulted in an estimated refund of \$50,000 and yearly future savings of \$18,000. The client will continue to benefit from the savings for years to come.