

RESULT:

annual savings

\$1,877,000

45% simple ROR for total program

26.4%
reduction in
energy cost

REQUESTS:

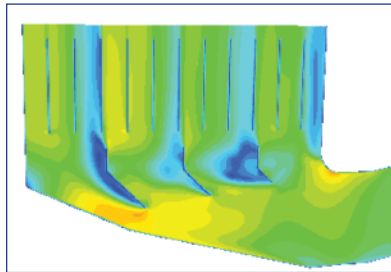
A reduction of energy costs through the manufacturing process with a rate of return of at least 25%.

WHAT WE DID:

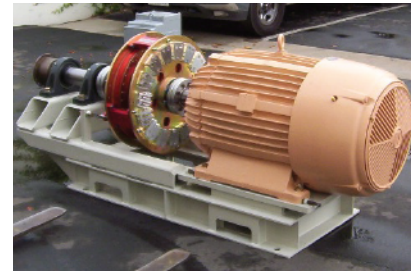
Completed a comprehensive study of the Manufacturing Site, complete with a full Regression Analysis of their utilities. The work was then fully integrated with the site's engineering and operational teams.



Heat Recovery



Thermal Imaging



Adjustable Speed Drives

Regression Analysis

A complete analysis of the client's utility bill, including usage and demand charges.

Heat Recovery Study

Compressed Air System Study

Motor & Drive Study (VFDs/ASDs)

Vacuum System Study

Integrated the new Energy Program with the site's existing engineering and operational teams.

"Paul Hullar's leadership has had a tremendous impact to the Family Care Business at Procter & Gamble. The Energy Program that he developed and led delivered over \$100 Million in savings to our bottom line. Paul's strong leadership, technical knowledge, and business acumen are a powerful skill-set that allows rapid application of his Energy Program to real bottom line results."

Fuad Abdullah, Regional Director, Procter & Gamble

Study Area	Savings	Capital	ROR
Compressed Air	\$129,000	\$186,000	N/A
Heat Recovery	\$1,600,000	\$3,415,000	N/A
Motor VFD/ASDs	\$84,000	\$336,000	N/A
Vacuum System	\$64,000	\$192,000	N/A
Total Savings	\$1,877,000	\$4,129,400	45%