



CENTERPOINT ENERGY'S COMMERCIAL & INDUSTRIAL SOLUTIONS PROGRAM

CASE STUDY

PROJECT AT A GLANCE

163,829

Total CCF savings/year

\$75,072

Estimated annual savings

\$10,614

Rebates paid

Instant!

Payback period in years

To learn more about how the Commercial & Industrial Solutions Program can help your company, visit

CenterPointEnergy.com/CustomSolutions.

RHEIN CHEMIE: Steam Trap Replacement

The opportunity

Rhein Chemie develops, produces and sells additives, specialty chemicals and service products for the rubber, lubricant and plastics industries. While headquartered in Mannheim, Germany - with facilities in Europe, Asia and North and South America - one of the company's bladder production facilities situated in Little Rock, Ark. grabbed the attention of Rhein Chemie officials. Having heard about the no-cost energy assessments offered by CenterPoint Energy's Commercial & Industrial Solutions Program, decision makers enlisted the help of the program to determine what natural-gas saving opportunities were available.

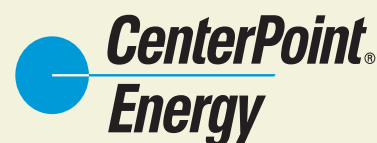
The projects

In response to a recommendation made by the program team, a participating trade ally completed a steam trap survey during an on-site assessment. The survey revealed that multiple steam traps were failed open, wasting valuable steam. As soon as Rhein Chemie officials learned that the available CenterPoint Energy rebates would cover the cost of the repairs, the project quickly moved forward and 26 failed steam traps were replaced.

"The projects may have happened, but they would not have happened until next year...if the money was available," said Maintenance Manager Perry Williams. "Having the incentives really helped. We are using almost 1000 MMBtu less this January than we did in January 2013, and we are using five more presses than we did last year."

The results

Rhein Chemie reduced its energy consumption by more than 163,800 CCF per year as a result of the replacement project. According to the US EPA that is equivalent to reducing the greenhouse gas emissions from the consumption of 120 homes for one year. In addition, the upgrades will save the company about \$75,000 in annual energy costs and, thanks to a \$10,614 incentive from CenterPoint Energy's Commercial & Industrial Solutions Program, the project paid for itself instantly.



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