



CENTERPOINT ENERGY'S COMMERCIAL & INDUSTRIAL SOLUTIONS PROGRAM

CASE STUDY

PROJECT AT A GLANCE

28,084

Total CCF savings

\$16,247

Estimated annual savings

\$12,383

Incentives paid

0.7

Payback period in years

To learn more about how the Commercial & Industrial Solutions Program can help your company, visit CenterPointEnergy.com/CustomSolutions.

CAMFIL AIR POLLUTION CONTROL (APC)

The opportunity

Just about every manufacturing process creates some type of dust or fume. Camfil APC makes dust collectors that prevent such dusts and fumes from polluting the air. With offices and manufacturing facilities across the globe, Camfil APC is one of the world's top dust collector manufacturers. In 2013, the company partnered with CenterPoint Energy's Commercial & Industrial Solutions program to determine how Camfil APC could become a leader in energy efficiency, as well.

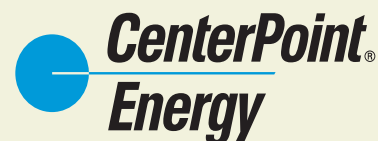
The project

During an on-site inspection of the Camfil APC manufacturing plant in Jonesboro Ark., the Commercial & Industrial Solutions program team determined that the facility could significantly reduce its energy consumption through a retrofit focused on combustion air pre-heating. This retrofit was designed to reduce energy consumption by:

- Redirecting waste heat from the oven exhaust stack in order to heat pre-combustion air
- Using variable frequency drives to reduce the flow of air from oven exhaust fans

The results

Camfil APC's Jonesboro facility reduced its energy consumption by 28,084 CCF per year as a result of the retrofit. According to the US EPA, this is equivalent to reducing the greenhouse gas emissions from the consumption of 16,706 gallons of gasoline. In addition, the upgrades will save the company \$16,247 in annual energy costs and — thanks to a \$12,383 incentive from CenterPoint Energy's Commercial & Industrial Solutions Program — the project will pay for itself in less than a year.



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