



2023





**BETTER
PROJECT**



Chemours™

THE CHEMOURS COMPANY: Boiler Optimization at the Louisville Works Facility in Kentucky

Chemours reduced its greenhouse gas emissions by 1,200 metric tons of CO₂e per year through a project to improve boiler control and optimize burner fuel/air to improve turndown, eliminate steam venting, and reduce stack losses.

-  **Implemented efficiency improvements on two boilers over a one-year period, with no capital required**
-  **Lowered the steam rate to match lower demand, optimizing boiler feedwater and drum control to align with the new steam rate, and used automated controls to modify the burner fuel to air ratio**
-  **After lowering excess oxygen and decreasing venting steam, the boilers can be operated with 5% less natural gas usage**
-  **Similar boiler improvement measures are being rolled out at additional Chemours sites in 2023**

