



Case Study – Heat Recovery

Client – Consumer Packaged Goods Manufacturer – Aurora, Neb.

Project – Heat Recovery Project

Situation – To improve energy savings and cost avoidance measures, our client wanted a way to improve its boiler efficiency while lowering the exhaust stack temperature.

Solution - Woodstone Energy handled the design-build of a condensing economizer to preheat the boiler makeup water. Work included mechanical, electrical and structural engineering and certified welding. Woodstone Energy also managed an extensive start up and check out procedure to ensure the client's overall goals were met.

End Result – The client used the exhaust heat from the boiler to preheat the makeup water for the boiler. This delivered an annual energy savings of \$99,463 with a reduction of 621 Tons of CO₂.

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