

Yuengling Pottsville, PA

400 kW
Biogas

Fast Facts:

Location: Pottsville, PA

Generating Capacity: 400 kW

Configuration: Container Module

Extras: Dual Fuel System, Gas Treatment System



About the Site:

The oldest brewery in the USA operates a 2G 400 kW CHP system, serving about 20% of Yuengling's total electricity needs at the brewery, saving the owner significantly. Yuengling is joining the group of smart breweries that embrace new advanced biogas technologies and modern CHP energy conversion systems.



Application

The world famous brewery uses the heat generated by the CHP to heat the brewery's pasteurization process. That allows Yuengling to save significant amounts of energy and money. The methane gas is generated at the Yuengling brewery wastewater treatment plant and an anaerobic digester. 2G Energy Inc. also supplied the gas treatment system to dehumidify the saturated gas, and to remove H₂S contained in the raw biogas. The CHP system has been designed as dual fuel module and can be operated on low BTU biogas, as well as pipeline quality natural gas. The payback and ROI for this project comes from the energy produced, and the CHP pays for itself.



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