

Metro Wastewater and Reclamation District Brighton, Colorado

370 kW

Biogas with Natural Gas Fuel Blending

Fast Facts:

Location: Brighton, CO

Generating Capacity: 370 kW

Features: Indoor installation, sound attenuated container, gas blending system

Environmental Benefits: Treats and cleans up to 60 million gallons of wastewater per day.



About the Site:

The Metro Wastewater Reclamation District is the wastewater treatment authority for much of metropolitan Denver and parts of northern Colorado. They are committed to protecting the environment and providing for the community's future needs. Serving about 2 million people who live and work within a 715-square mile service area, which includes Denver, Arvada, Aurora, Brighton, Lakewood, Thornton, and Westminster, they collect about 130 million gallons of wastewater per day from neighborhood sewer lines and remove more than 95 percent of the pollutants before discharging it into the South Platte River. They make wastewater suitable for agriculture, aquatic life, recreation, and water supply. Their mission is to protect the region's health and environment by cleaning water and recovering resources.

Application

2G Energy Inc. manufactured, installed, and commissioned this CHP system consisting of the 2G patruus 370, with electrical output of 370 kW and output of 474 kW.

The package is configured with 2G's sound attenuated enclosure reducing the noise level down to <50 dbA. This system is specifically designed by 2G Energy to operate on a mix of Biogas and Natural Gas with our fuel blending system.



2G Energy Inc.
www.2g-energy.com
sales.us@2-g.com