

KBC Akron Akron, OH, USA

3 x avus 600
Biogas

Fast Facts:

Location: Akron, OH, USA

Generating Capacity: 1800 kW

Configuration: Container module

Extras: Thermal Oil System

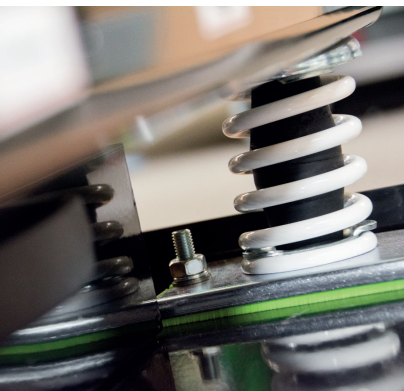


About the Site:

The City of Akron together with KBC Services (today KB Bio Energy) decided to add a 2G Energy Inc. biogas CHP system to their Composting Facility combined with a Waste Water Treatment plant to utilize the produced methane. Originally KBC already operated one digester with CHP. A much larger system needed to be constructed.

Application

The anaerobic digester was designed and built by BioFerm / Schmack (Viessman Group) and 2G Energy Inc supplied 3 x 2G avus 600 with fully integrated MWM engines rated 600 kW/h each - total 1,800 kW/h or 14,940 MW p.a. of Electrical Power and 1,926 kWh/th Thermal Power. 2G Energy Inc. also supplied gas compression as well as a 2G Thermal Oil System with bypass technology. The custom designed and engineered technology from 2G Energy was definitely a huge advantage for the owner.



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