

Quantum BioPower Southington, CT

avus 1200
Biogas

Fast Facts:

Location: Southington, CT

Generating Capacity: 1200 kW

Heat Recovery: Renewable Power is used for municipal buildings

Environmental Benefits: Offsets 5,000 metric tons of CO₂ annually



About the Site:

The facility is processing 40,000 tons of food waste per year through anaerobic digestion, which is creating 1.2 MW of renewable power. That power is being used to power Southington's municipal buildings. The 1.2 MW system would be capable of powering 976 homes. Every year, Quantum will displace the equivalent of 5,000 tons/year of CO₂ emissions by recycling food waste into methane to create energy. The facility also produces 8,000 tons/year of premium organic compost as a residual byproduct of the digestion process.



Application

The 1.2 MW 2G avus CHP was manufactured, packaged, integrated and commissioned by the 2G Energy Inc. team. To add an innovative project like this one to 2G's growing repertoire has been exciting for the company. As more businesses and municipalities seek to find new ways to save money and to use renewable energy sources, CHP is continuing to expand in the US. 2G is playing an integral part in that growth, using decades of experience in CHP internationally.



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