

Montgomery County Public Safety Headquarters Gaithersburg, MD

avus 800 kW
Natural Gas

Fast Facts:

Location: Gaithersburg, MD

Generating Capacity: 800 kW

Configuration: Container Module



About the Site:

This Microgrid Project at PSHQ is part of a comprehensive effort to ensure the resiliency of critical public services during major electric distribution system outages. PSHQ is the County's primary administrative hub for a range of critical public services including transportation management resources, components of the County's Office of Emergency Management and Homeland Security, and the police station serving much of the central part of the County.

Application

The project includes multiple clean energy technologies integrated to operate seamlessly, reducing greenhouse gas emissions by 5,900 metric tons annually, the equivalent of taking more than 1,200 cars off the road. The project design includes 2 megawatts (MW) of solar photovoltaic canopies mounted over the existing parking lot, a 2G Energy Inc. 800 KW Combined Heat and Power (CHP) system, electric vehicle charging stations and a cyber security system.

