

Fast Facts:

Generating Capacity: 2MW

Gas Type: Natural Gas

Unit: 2G avus 2000c (2000kWe)

Benefit: Efficient electrical power, waste heat recovery for building heat, hot water, preheating condensate, and supplemental supply of the existing steam loop.



About the Site:

NORESCO has commissioned a 2G avus 2000c unit with an output of 2MW in Northport, NY, located at Northport VA Medical Center. The end goal of this project is efficiency for their entire facility, which includes supplemental steam with preheating condensate, building heat, and hot water for specific locations. 2G is a dedicated partner with NORESCO to ensure facility resiliency, sustainability and overall efficiency.

The Facility:

Construction began in 1926, with the 956-bed hospital admitting its first patients in 1928. The facility offered a campus-like setting with beautiful landscaping, outdoor recreational facilities, and paved roadways. Patients received the most current treatments and therapies of the time, there were no bars on the windows, there was a swimming pool, large porches, and community dining rooms. The exterior design was approved at the highest level of the VA in Washington to reflect the historical nature of Northport Village. The style selected, Georgian Colonial home, is unique among all VA facilities.

Application Benefits:

The CHP system was implemented to provide the VA with a modern and reliable power system that would add resiliency and efficiency to the hospital. The steam generator is integrated into the existing steam system, providing an additional >3000lbs/hour of steam and preheating all boiler water through and economizer, further improving the overall efficiency of the facility.

To learn more about this project or the application, contact our team at: sales.us@2-g.com