



# Griffiss Utility Services

Location: Rome, New York

## Project Overview



### Industry

Biomass

### Application

Biomass Power Plant

### Technology Applied

SVSS Steam Turbine with Induction Generator

### Capacity

900 kWe

*“This state-of-the-art biomass cogeneration facility will provide a flexible energy system that can adapt to fluctuations in the fuels markets. Renewable, locally-sourced wood chips will fuel this CHP plant, allowing this local utility the flexibility to choose from multiple fuel sources to stabilize costs and provide savings to their customers.”*

~ Quote from Cogen Power Technologies

## Background:

The Griffiss Utility Services Corp was formed to service the Griffiss Business and Technology Park to provide power for 60 companies. Aware of rising oil and natural gas prices, GUSC decided to look for a way to provide the park with clean, reliable, and lower-cost power.

## Challenge:

To develop a flexible energy power plant that meets new environmental guidelines and still provides reliable, low-cost energy to end-users.

## Result:

Elliott provided a 900 kWe backpressure steam turbine generator that uses the steam generated from a biomass boiler.

## Benefits:

- Replaced oil and gas power with biomass power generation
- Clean, renewable energy
- Flexible energy power plant
- Lower-cost energy
- Meets environmental guidelines

