



BUILDING PROFILE

- ❖ NAME: NEW YORK TOWERS
- ❖ SQUARE FOOT: 392,100

NYBSC SERVICES

- ❖ DESIGN COGENERATIONS SYSTEM (750 KW)
- ❖ ABSORPTION CHILLER
- ❖ DOMESTIC HOT WATER AND HEATING

NY Building Systems Consultant Inc. (NYBSC) is happy to successfully completed the design for Trigenration including Combined Heat and Power (CHP), Heating Hot Water, Domestic hot Water and Cooling. Project is started to savings the energy and cost as well as collect the incentives.

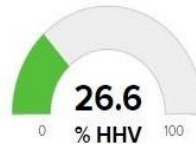
Outstanding Performance Snapshot

(Aug 2019 to Sep 2019)

2,079
 Mcf
 generator fuel consumed

1,175
 MMBtu
 heat used

Electric Efficiency



Thermal Efficiency



CHP Efficiency



CHP Performance Program Metrics

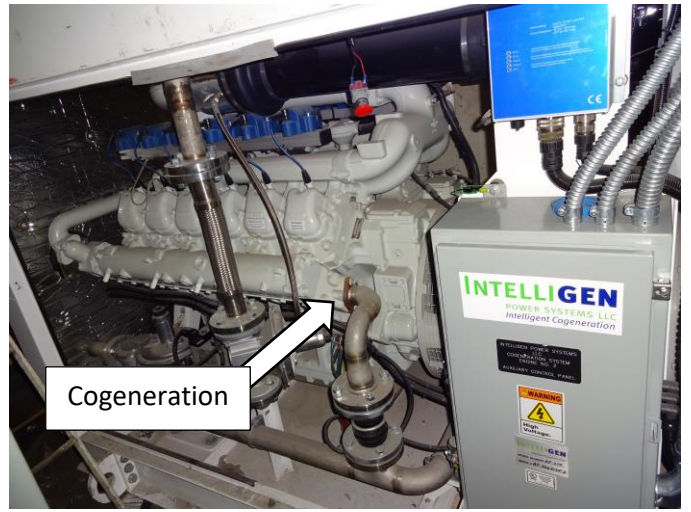
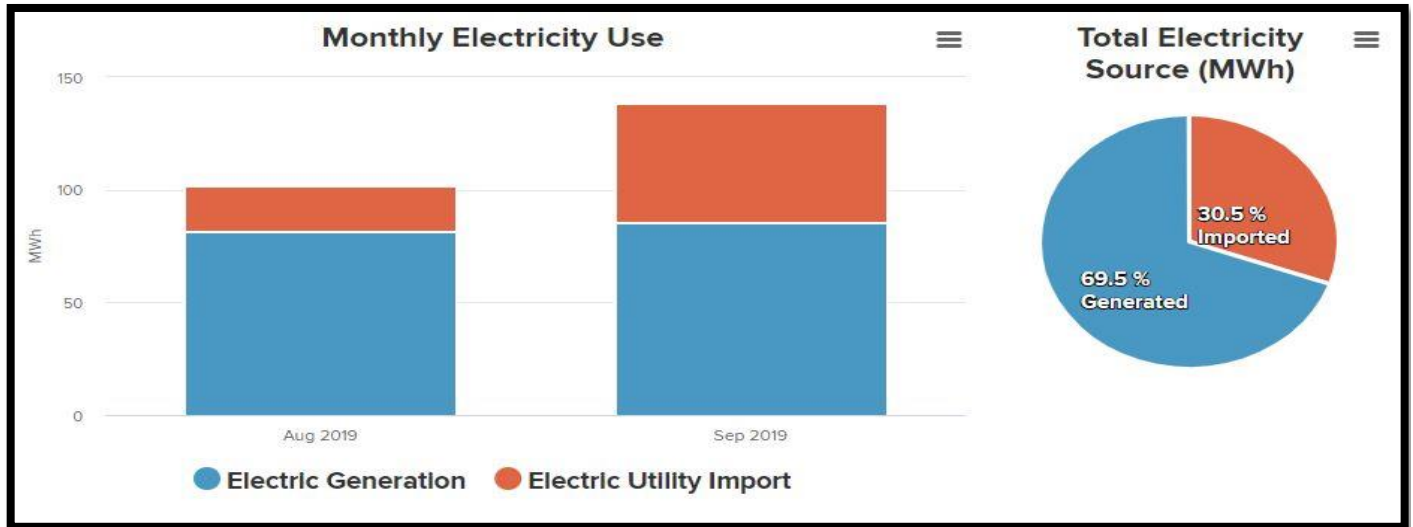
Aug 2019 to Sep 2019

Peak Demand Reduction (kW _P)	260 kW
Total Generation (kWh _Δ)	167,219 kWh
Heat Recovered	1,175 MMBtu
Gas Consumed	2,079 Mcf

FCE _{CHP} ?	95.0 % HHV
FCE _{CHP} ?	90.4 % LHV

You can see the current CHP (Combined Heat and power) performance by following the NYSERDA link:
<https://der.nyserdera.ny.gov/reports/view/performance/?project=1038>

Some More Efficient Onsite Production and Savings Information



Cogeneration Installation