

Key benefits:

- **Lower utility costs.** With cogeneration, you can produce power and heat 10% to 30% more economically than with separate heat and power systems. You dramatically reduce kWh costs as well as natural gas consumption. Plus, you may extend the useful life of your existing boilers and lower their annual repair and operating costs.
- **Reliability, Predictability and Independence.** By generating electricity in-house, you can reduce dependence on the grid and your stand by generators. Annual utility costs are more predictable since you control the cost of generating your facility's electricity, steam and/or hot water. The cogeneration plant operates in parallel with your utility; therefore, you are less susceptible to power outages.
- **Helps you "Go green."** Cogeneration can reduce greenhouse gas emissions by 30 to 50%. Moreover, where a conventional power system's fuel cycle efficiency runs about 50%, cogeneration can bring you to 70 – 80%.

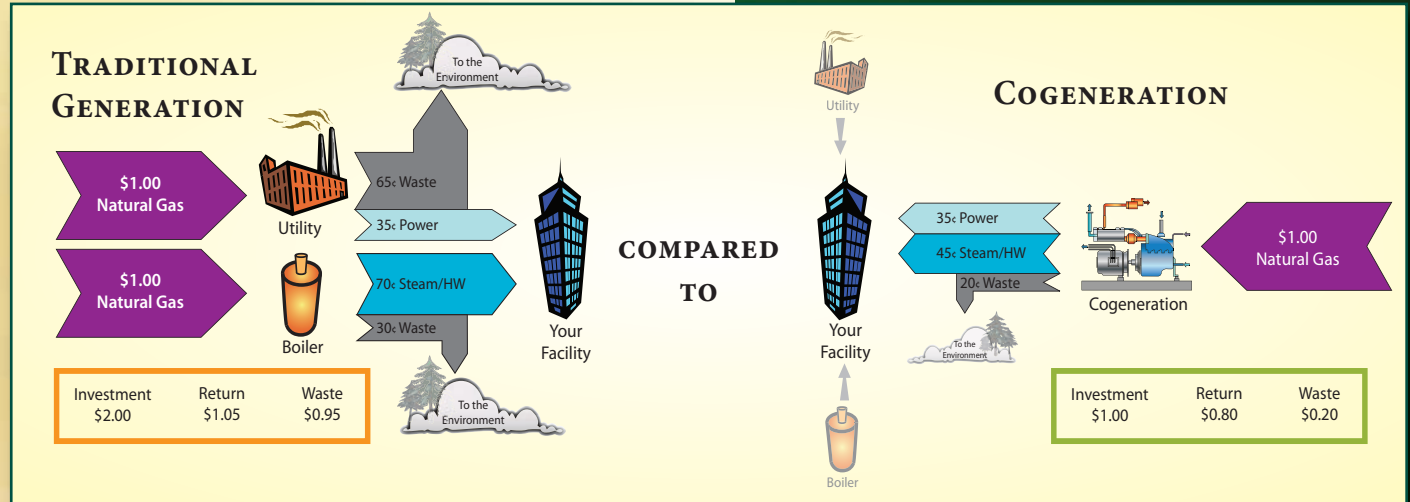
Result: You reduce your need for fossil fuels, while freeing up significant assets for other uses.

In addition, cogeneration gives you a wide range of fuel choices, including natural gas, fuel oil, propane, bio-mass, and renewables, such as wood or wood waste.

How cogeneration works – and how it can work for you.

In a typical application, a cogeneration system consists of an engine or combustion turbine driving an electric generator.

Heat exchangers capture the waste heat from the engine and exhaust gases creating steam and/or hot water. This heat is then routed to your distribution system.



The electricity created is tied into your main switchgear and operates in parallel with your local utility.

Who needs it? Cogeneration is not only cost-effective but highly reliable — an ideal solution for facilities requiring a constant source of heat, such as hospitals, healthcare complexes, colleges and universities, airports, manufacturers, and others.

Proven technology from a proven organization.

Cogeneration has been a proven technology for over 100 years, with the first plant designed by Thomas Edison himself.

Today, COGEN Power Technologies employs a century's worth of engineering and material advances to deliver cogeneration at a new level of efficiency and reliability. In New York State, cogeneration plants provide over 100 MW of electrical capacity.

As part of the Bette & Cring family of companies, COGEN Power Technologies brings to the table a proven record and established reputation, with industry roots going back over 35 years.

Investment and Return...

Traditional Generation vs. Cogeneration



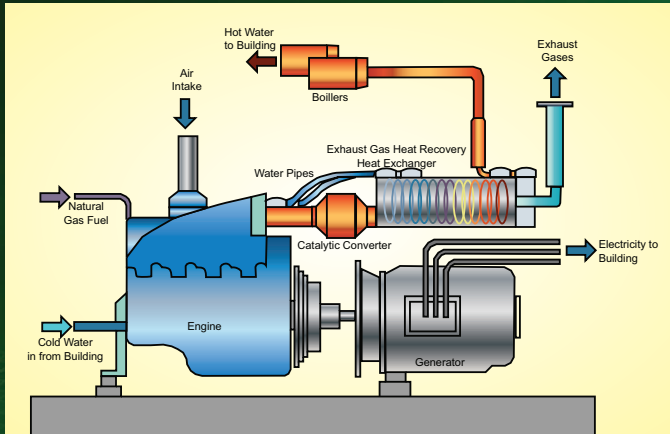
A 1.1 MW Genset at our 3.6 MW Utica, NY CHP site

Take the next step.

Today, more than ever, our society needs to operate at the highest levels of efficiency, both economically and environmentally. If cogeneration sounds like a consideration for your facility, we urge you to find out more.

COGENERATION —

ALSO KNOWN AS COGEN, CHP, COMBINED HEAT AND POWER, AND OTHER DESCRIPTORS — IS THE SIMULTANEOUS PRODUCTION OF HEAT AND ELECTRIC POWER FROM A SINGLE ENERGY SOURCE. ONE SOURCE, TWO OUTCOMES — HENCE CO-GENERATION.



MUCH LIKE YOUR CAR CAPTURES ENGINE HEAT TO WARM THE PASSENGER COMPARTMENT AND POWER YOUR LIGHTS AND RADIO, COGENERATION CAPTURES “WASTE” HEAT ENERGY FROM A PRIME MOVER AND PUTS IT TO WORK FOR OTHER PURPOSES.

WITH COGENERATION, YOU NOT ONLY GENERATE NEEDED ELECTRICITY ON SITE, BUT YOU CAN USE THE RECAPTURED ENERGY TO GENERATE STEAM, HOT WATER, OR EVEN COOLING SYSTEMS.

Let us show you how to meet your facility's energy demands more economically while reducing your carbon footprint, increasing energy reliability, and extending the life of your current infrastructure.

To find out if cogeneration will work for you please contact Matt Bette or John Moynihan at 518-213-1010, or email jmoynihan@cogenpowertechologies.com.



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POWER MOVE.

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LOWER ENERGY COSTS,
PREDICTABLE ENERGY COSTS,
GREATER RELIABILITY,
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