



# Clean Generation Solutions

Financially compelling solutions for alternative & renewable energy

When manufacturers are able to generate their own clean energy or renewable energy, efficiency increases and costs go down. Emissions are reduced and the plant's carbon footprint shrinks. All this helps achieve greater profitability and a competitive advantage. EPS specializes in helping manufacturing companies shift to clean and/or renewable alternatives and then manage their energy plants for maximum ongoing efficiency, when financially compelling for them to do so.

## Clean energy assessment

Shifting to alternative energy can provide a multitude of financial and environmental benefits — when implemented with the right solution for your particular manufacturing environment, based on a thorough understanding of your business, processes and sustainability goals. EPS starts with a comprehensive assessment to determine:

- Is renewable energy financially compelling for your company?
- Will it reliably deliver the required supply?
- What solution is best for your facility & sustainability goals?
- What are the realistic cost & emissions benefits?
- What will it take to finance, build & operate your clean or renewable energy plant?

Using the intelligence gleaned from your facility through our xChange Point® energy management solution, we develop a detailed energy profile of your operations. We review your organization's energy and sustainability objectives and the current offerings and pricing from your local utilities. Then we then identify, and can implement, your most financially compelling option:

### Cogeneration

Cogeneration, or Clean Heat & Power (CHP), uses natural gas to produce electricity and steam with hot or chilled water as a by-product.

EPS applies a holistic approach to designing, building, operating and financing CHP plants.

We gain a thorough understanding of your sustainability goals and how the system will interact with your other equipment and processes. Combined with our extensive expertise running CHP plants, this enables us to achieve maximum efficiency through the life cycle of the CHP engine.

### Biogas

Biogas uses methane fuel generated from anaerobic digesters and is particularly beneficial in the food, beverage and meat processing industries where organic by-products are abundant.

Once purified then compressed or liquefied, this energy can be used to run your operations as a primary or backup source, reducing the amount of energy you need to purchase.

And biogas reduces the cost and resources required to dispose of waste by-products from your manufacturing operations.

### Photovoltaic

Photovoltaic and solar thermal produces electricity and/or hot water from the sun's energy, and is one of the fastest-growing clean and renewable energy technologies.

EPS is your experienced, single source for designing, building, operating, maintaining and financing your photovoltaic or solar thermal system.

We will also work to secure any government and/or utility financial incentives and rebates to maximize the return on your system.

the  
eps way

CONTROL  
Energy Usage

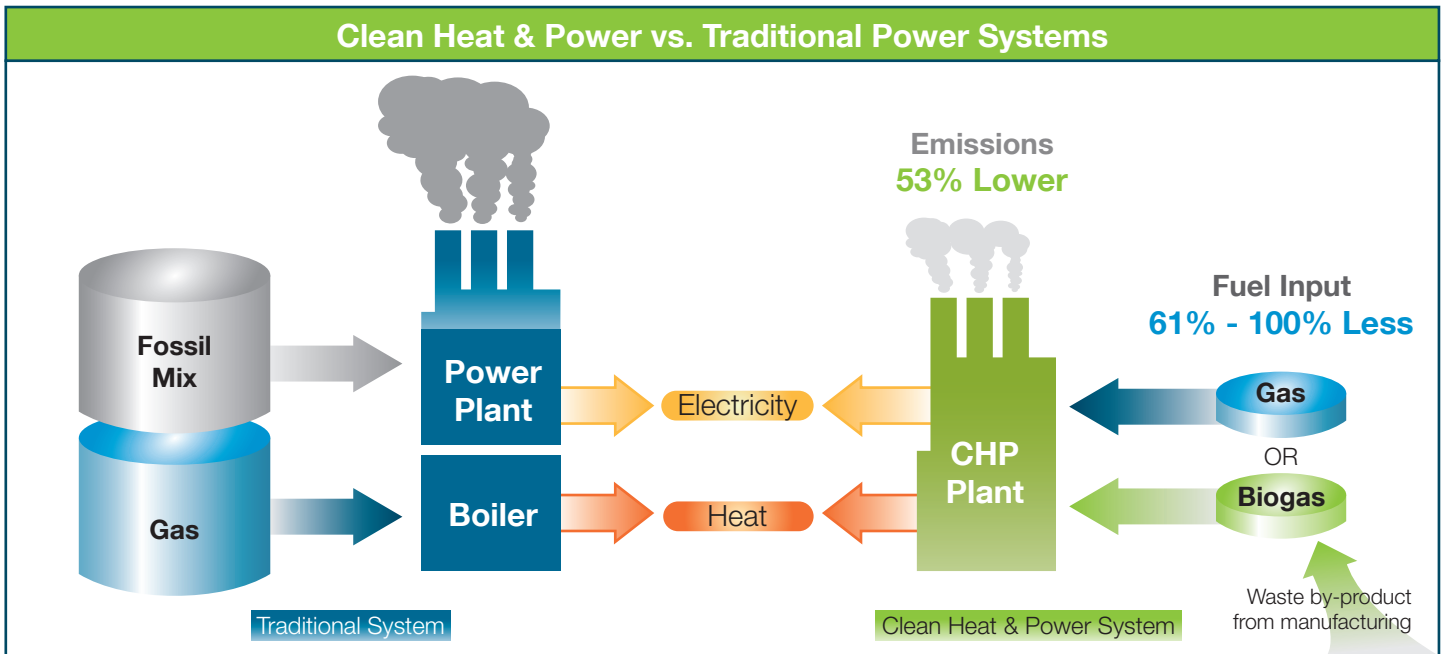
REPLACE  
Inefficient Equipment

SHIFT  
to Clean Energy

Learn more at [epsway.com](http://epsway.com) or call 866.377.7834



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## Implementing your clean generation solution

Once EPS identifies a viable alternate energy opportunity for your company, we help you implement the solution that best aligns with your construction, ownership, operations and financing preferences. These options include:

### Building a new alternative energy facility

#### Build, Own, Operate (BOO)

EPS can build, own and operate your alternative energy facility. EPS sells you the energy under a Power Purchase Agreement at prices expected to be significantly lower than prevailing utility rates.

#### Engineer, Procure, Construct (EPC)

EPS can design and build the facility. You finance then operate and manage the plant once it is up and running. You may also contract EPS to efficiently run the facility under an Operate & Maintain agreement.

#### Capital Lease

For photovoltaic/thermal, this option combines the benefits of leasing and ownership. Payments are spread over 5 to 9 years. Afterwards, you own the equipment and can recognize the accelerated depreciation expense.

### Operate existing cogeneration or biogas facilities

EPS has extensive expertise in operating CHP and biogas plants, consistently striving to out-perform the manufacturers' specifications with the highest levels of uptime. Our philosophy is simple; we operate your system as critical to your facility, whether it is a primary or backup energy source. You receive reliable, consistent energy without affecting production. Operation can be structured two ways:

#### EPS PowerSaver™ Agreement

EPS operates your existing facility and sells energy to you at the current utility rate. EPS delivers a guaranteed, specified amount of savings to you each month.

#### Operate & Maintain Agreement

Under this annual contract, you handle the design, financing, construction and installation of the facility. EPS operates and maintains it for maximum efficiency and cost savings.



**Intelligent Energy Solutions for a Sustainable Future.**

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Learn more at [epsway.com](http://epsway.com) or call 866.377.7834

