

# Micro Combined Heat & Power



**ENGINEUNITY**  
POWER SYSTEMS



## CRITICAL PART OF MEETING POWER NEEDS OF THE FUTURE

- On-Site 24/7/365 Reliable, Always On Power
- Reduction in vulnerability to terrorism
- Increased Electric System Reliability
- A Primary / Emergency supply of power
- Blends with & controls Renewable Energy Sources including Energy Storage Systems

## Carbon Output is well below EPA Standards

### SAVINGS

- Lower or Eliminate Electric Bill
- Reduces Demand Charges
- Rebates and Other Incentives

### EFFICIENT

- Delivers Clean & Resilient Energy
- Onsite Primary Power
- Quiet Compact Design

### RESILIENT

- Eliminate Power Outages
- More Reliable than the Grid

# Solar Power

Rooftop Solar & Ground Mount Solar up to 500MW Utility Scale Systems



WHEN THE GRID GOES DOWN ... SOLAR GOES DOWN.

This is to prevent back feeding the Grid and endangering Lineman.

Our MicroGrid System keeps Solar working.

## Solar HVAC

This market disruptive heat pump is the only one of its kind to use ambient light to compress the refrigerant gases without the compressor doing the work. This results in up to 90% savings on Heating, 30 to 50% savings on AC and maintains operations in extreme temperatures as low as -20°F



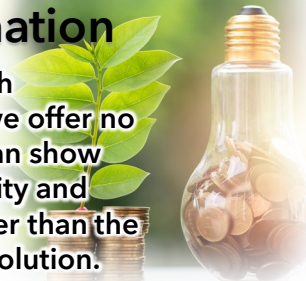
## BioEnergy



Waste is Too Expensive to Throw Away  
The system can be scaled to meet the needs of your facility and can process animal slurry, food waste, and any other biomass to produce electricity, heating/cooling, biogas, ethanol, fertilizer, etc.

## Lighting & Automation

Programs are tailored to each individual application, and we offer no money down options. We can show you how your savings on utility and maintenance costs are greater than the cost of switching to an LED solution.



# STACK UP THE SAVINGS

## Hydronic Applications

Utilizing the heat from the MCHP Unit, we can repurpose it to provide ongoing ideal temperatures for your projects and the general areas of your facilities. That means eliminating heating and cooling expenses to keep your buildings at their peak performance so you can maximize your profits.

### MicroGrid Benefits DRASTICALLY REDUCE YOUR POWER RATES

 <b>INCREASED EFFICIENCY</b> 24/7/365 Power No Outages	 <b>REDUCED EXPENSES</b> Lowers Energy Costs by up to 75%	 <b>RELIABLE &amp; CONSISTENT</b> No Power Spikes No Peak Rates	 <b>ECO-FRIENDLY</b> Smaller Carbon Footprint
 <b>CUSTOMIZABLE</b> Small Applications to Utility Scale Renewable Energy Compatible	 <b>SAVING FROM DAY ONE</b> Zero Down Green Project Funding Provides Guaranteed Savings EaaS Available*	 <b>TAX INCENTIVES &amp; UTILITY REBATES</b> Qualifies for Up to 60% Investment Tax Credit*	 <b>USA MADE</b> All products are designed & built in the USA

## The Meat of the Matter

Quick-service restaurants (QSRs) are some of the most energy-intensive buildings in the US. They use an average of 81 kilowatt-hours (kWh) of electricity and 174,000 Btu of natural gas per square foot each year. In a typical QSR, refrigeration, lighting, and cooling make up about 55% of total energy use making those systems the best targets for energy savings.  
~BizEnergyAdvisor.com



# Sink Your Teeth Into Uninterrupted Power

## We Can Help



Send Your Bills



Energy Assessment



We Install



Monitoring & Warranty



Save On Your Utilities



**UTILITY**  
*Saving Solutions*  
SAVING MONEY, ENERGY, AND OUR PLANET

# OUTAGE ANXIETY

WHEN A POWER OUTAGE HAPPENS

- Loss of goods
- Personnel and equipment are idle
- Total disruption of operations
- The bottom line takes a hit

WERE YOU AFFECTED BY  
THE LAST OUTAGE?  
DON'T BE AFFECTED BY  
THE NEXT ONE

## UNLIMITED POWER

10kW 20kW 250kW 1MW  
Scalable to any size system.

**Natural Gas lines are underground and protected, not often affected by unexpected occurrences such as storms, accidents, and who knows what. Scalable systems to provide power for any size operation.**

**On-Site Power Production using natural gas has unlimited benefits!**

CONTACT



**UTILITY**  
*Saving Solutions*  
SAVING MONEY, ENERGY, AND OUR PLANET

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# QUICK SERVICE SAVINGS

ON SITE  
OFF THE GRID  
UNINTERRUPTED  
POWER PRODUCTION