OUTAGE ANXIETY

WHEN A POWER OUTAGE HAPPENS

• Brewing Stops Risk of Product Loss People and Equipment Idle Bad things happen *Outage Anxiety may affect you differently

System Benefits DRASTICALLY REDUCE YOUR POWER RATES







Smaller Carbor

Footprint



REDUCED EXPENSES Lowers Energy Costs by up to 75% No Outage





Small Applications to

Utility Scale

Renewable Energy

Compatible

SAVING FROM CUSTOMIZABLE

FaaS Available

DAY ONE Zero Down Green Project Funding Provides Guaranteed Savings Tax Credit*

TAX INCENTIVES & USA MADE UTILITY REBATES All products are designed & built Qualifies for Up to 60% Investment in the USA

RELIABLE &

CONSISTENT

No Power Spikes

No Peak Rates

(0)

. **GRID FREEDOM**

Our complete system offers the most robust group of products that can provide an exit from the Grid.

- Utility Scale Micro Combined Heat and Power (MCHP) for up to 100MW or more reliable power production.
- Solar Systems for up to 500MW of renewable energy.
- Energy Storage is a critical component for Grid Independence. Store energy from MCHP Power Production and Solar Energy at off-peak times from the Grid when rates are at their lowest.

Outage Free Power Production

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!



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MORE BREW FOR THE BUCK **HOP INTO** SAVINGS



POWER OUTAGES AFFECT PRODUCTION AND HAVE A MAJOR IMPACT ON YOUR BOTTOM LINE

Outages are becoming more common and happen at the most unexpected times.

Micro Combined Heat & Power







CRITICAL PART OF MEETING POWER NEEDS OF THE FUTURE

Uses clean Natural Gas or Propane, and Hydrogen where available.

- 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

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%-50% savings on AC and maintains operations in extreme temperatures as low as -20°F.



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 Linemen. Our MicroGrid Systems keep Solar working.

Hydronic Applications

Utilizing the heat from the MCHP Unit, we can repurpose it to heat your hot water, and the general areas of your facility. That means eliminating your heating and hot water expenses related to janitorial, building and other heating needs.



SMALL & LARGE APPLICATIONS

The keystone of any microgrid, our Energy Storage is a dynamic changer. Safe and eliminates concerns for thermal runaway.



BioEnergy



Convert food, animal, and human waste to BioFuel, extract water and create an odorless EPA approved fertilizer increasing crop yield 30% and providing an additional revenue stream.

LED Lighting



There is nothing like fluorescent lighting to heat your cooler. Switching to LED uses less power and produces less heat than other lighting. Make the switch and save up to 75%.

Water Sustainability ACCESS TO WATER IS A CRITICAL ISSUE WORLDWIDE



Our systems process water to remove various contaminants for proper disposal of effluent water and a significant portion of the water for reuse saving water and energy usage.

24/7/365 Reliable, Always On Power \cdot Increased System Reliability \cdot Blends with All Renewables