

MicroGrid Benefits

DRASTICALLY REDUCE YOUR POWER RATES







CUSTOMIZABLE **Small Applications to** Utility Scale Renewable Energy Compatible

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UTILITY REBATES Qualifies for Up to 60% Investment Tax Credit*



CONSISTENT No Power Spikes No Peak Rates



Smaller Carbon

Footprint

All products are designed & built in the USA

DAY ONE Zero Down Green Project Funding Provides Guaranteed Savings FaaS Available*

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

OUTAGE ANXIETY

WHEN A POWER OUTAGE HAPPENS

- Resident care is interrupted
- · Critical Medical Devices can fail
- Interruption in laundry & kitchen operations

*Outage Anxiety may affect you differently

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



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ON SITE

OFF THE GRID

UNINTERRUPTED

POWER PRODUCTION

Micro Combined Heat & Power

CRITICAL PART OF MEETING

POWER NEEDS OF THE FUTURE

Uses clean Natural Gas or Propane, and

Hydrogen where available.

Reduction in vulnerability to terrorism

Increased Electric System Reliability A Primary / Emergency supply of power

On-Site 24/7/365 Reliable, Always On Power

Blends with & controls Renewable Energy

Sources including Energy Storage Systems











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

Solar Power



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.



Energy Storage SMALL & LARGE APPLICATIONS

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



Convert food, animal, and human waste to BioFuel, extract water for recycling and create an odorless EPA approved fertilizer





BioEnergy

increasing crop yield 30%.

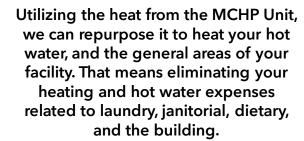
Solar HVAC

Carbon Output is well below

EPA Standards

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.





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.