

GRID FREEDOM

Compatible

Guaranteed Savings

EaaS Available

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

Tax Credit*

- 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

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

*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!





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HOT IDEAS TO CUT COLD STORAGE COSTS



Power failures are becoming more common and happen at the most unexpected times. GRID FREEDOM puts power outages in the past.

Micro Combined Heat & Power







CRITICAL PART OF MEETING POWER NEEDS OF THE FUTURE

Uses clean Natural Gas or Propane, and Hydrogen as technology advances.

- 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% to 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 Lineman. Our MicroGrid Systems include CHP Power Production, Solar Power, Energy Storage and keeps 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 the 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.



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.