



We rely on electricity to exist- and peak failures are extremely inconvenient at best, and fatal at worst. This man-made environmental crisis affects our quality of life, daily economies, and our future.



Climate Crisis

California continues to experience severe climate induced weather events—stressing the electrical system across the entire western interconnection. This creates below peak power strength, rolling black outs, coupled with power outages and grid failure.

Los Angeles International Airport experienced another “power bump” on November 1, 2021, causing flight delays and cancellations.

Existing utility providers are challenged by increasingly high demands for power, and the need of consumers to have a power source that is stable, reliable, and of the highest quality. This pressure to meet growing demand is only expected to increase.



Bedford Energy

Crisis Solution



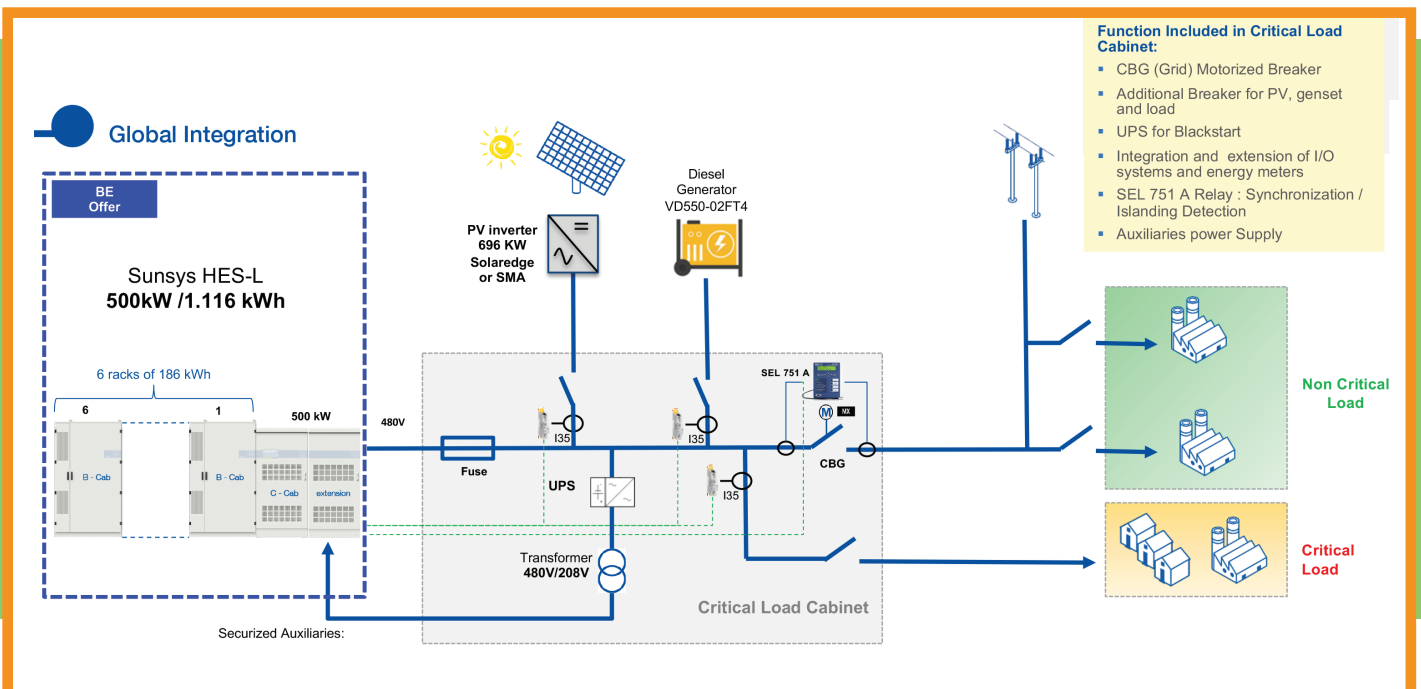
Bedford Energy, LLC (BE) understands this crisis and will assist your enterprise to “greenify” and decarbonize assets through efficiency retrofitting and designing a turnkey microgrid energy system based on your specific needs. BE has vetted a microgrid system that is designed with compatible storage and communication capabilities unique to manufacturing, commercial, industrial, and utility scale uses as part of Bedford Energy’s responsibility toward the global common task of environmental protection and grid sustainability. This specifically designed system is efficient, independent, and resilient.

A microgrid system is defined as a relatively small, controllable power system composed of one or more generation units connected to a nearby load that can be operated with or independently from, the local distribution and bulk transmission system. Even as wildfires and earthquakes cut power to millions of homes and businesses in California a few areas, mostly parts of universities, maintained power using their own generators.

BE’s microgrid system brings the most efficient way for large and small business to utilize solar energy, enabling facilities to power themselves when the standard energy grid system fails. While others endure the wait for utility companies to restore power due to rolling black outs, earthquakes, fires, etc., your facility will operate without interruption. A microgrid system works as an island of sorts for energy. The system is a decentralized electricity source that, under normal conditions, operates within the traditional energy grid. However, the microgrid system offered by BE is also able to function independently from an interconnected standard grid as technical or economic conditions may require.

In other words, if there is a natural disaster, a power grid failure, an increase in the traditional cost of power supply, your BE microgrid will continue to supply power without interruption. You will be independently able to resume normal modern life while others are forced to wait for traditional electrical companies to fix downed power lines and restore services.

A Sample of a Bedford Energy Microgrid System



Solution Feasibility



BE's Leadership and Design team works with you to design, install, and maintain the ideal solar equipment match for your specific needs. Your solar panels harvest energy and store it in batteries to protect you from inevitable grid failure from mainstream energy sources. Bedford Energy also provides skilled technicians for regular maintenance of installed equipment with your contract.

BE offers competitive pricing, and accurate assumptions taking you through the process from projects conception through development and management.



Microgrids create an energy island of sorts, allowing those on the microgrid to avoid the massive outages created by weather calamities and grid malfunctions. The microgrid system utilized by BE allows for each specific geographical location to operate independently from the traditional grid used all over the world.

Solar energy creates and maintains the life of the planet. It does not rely on fossil fuel and does not create the byproduct, pollution. BE provides the means to independence from the main grid, reduces the carbon footprint, enables continued business. And, when economies of scale are achieved, most systems will pay for themselves in 2 to 7 years using incentives and rebates. This allows businesses to protect the bottom line and maintain production schedules.

BE's executive leadership offers 50+ years of experience in asset management and finance using private equity, conventional and public finance models, tax credits and multi-tiered layered financing vehicles. Sharon Sumpter, CEO and visionary, leads with unparalleled skill and integrity, offering business opportunities and holding those who work with her to an equally high standard. BE's vision extends beyond business, with the goal of decreasing the carbon footprint and restoring the health to our planet without sacrificing modern living.

The time is now, and Bedford Energy is your solution.



Bedford Energy

For more information visit our website:

bedfordenergysolar.com

Or contact us directly:

jay@bedfordenergysolar.com

sharon@bedfordenergysolar.com

310-568-8500

12400 Wilshire Blvd., Suite 850
Los Angeles, CA 90025