

# Power and Energy

**2021**

## **14 Days of Energy Resilience**

HCI Energy is a multi-disciplined, highly skilled, driven & nimble small business. We design and build power solutions for DoD end users, communication systems, networks for public safety and utility applications. Our patented technology provides the most reliable, resilient, environmentally friendly, and efficient power solutions.

The HCI ZPM (Zero-glitch Power Module) eliminates the momentary loss of power during system changes and/or maintenance and provides clean, conditioned power and replaces traditional backup power systems.

The ZPM prioritizes which source of energy (wind, solar or generator) charges the battery system.

The Zero-glitch Power Module is designed to provide reliable power to meet the 14 days of energy resilience required by the DOD, Telecom and Public Safety systems.

A computer-based control panel allows for monitoring the system's performance on location or remotely allowing for easy maintenance.

## **SMART Grid System by Kodion Energy**

Kodion Power Grid is a proprietary system that leverages our advanced knowledge in technology and engineering, to create a SMART Grid System powered by our saltwater battery technology.

This allows Kodion Energy to offer completely clean energy sources. This includes windmills, solar panels, and software that uses artificial intelligence, paired with our cutting-edge software solutions and our 6ghz microwave system for easy transmission of data from one grid to another. Kodion is able to produce our products completely in house with our team of software, chemical, radio frequency, and mechanical engineers.

## **Waste to Energy**

Garbage and waste are discarded as Pollutants. Instead, we use exciting processes wherein we use these pollutants as a resource & convert them into clean, sustainable renewable energies. In the process, we don't merely reduce air, land & water pollution, but pride in completely eliminating pollution. The added outcome is a drastic reduction in greenhouse gases and carbon footprint, making the environment a nicer, cleaner, and better place to live & breathe for generations to come.

Used tires and rubber from heavy vehicles and equipment pollute mother earth. Our processes convert them into products beneficial to humankind thus eliminating hazardous pollution.

We handle any kind of waste & custom design each unit to the specific kind and quantity of waste/garbage/tire/plastic available. Given the size of waste to be processed, our units generate anywhere from 0.25 Kw to 10s of Megawatts of electricity and/or other clean sustainable products & byproducts. We are in the business of eliminating pollution, mitigating carbon and fossil fuels, and generating clean energy! Our processes result in products that are highly beneficial in earth's environmental sustenance.

### **Clean 10MW Mobile Power System**

Industrom Power LLC, a clean energy technology company, has developed a rugged energy recovery power system. This power system is very compact – the 10 MW system fits within a 20 by 10-meter area and it can be used worldwide for 50 Hz and 60 Hz electrical grids. This mobile power system can provide distributed, dispatchable, and fast-starting electrical power for grid stability and emergency power. The Industrom innovative power system is energy source agnostic, it uses a closed-loop power cycle, uses no water, and it has no emissions.