CHESS

Clean Hybrid Energy Scalable System

Mobile Energy Systems

What makes a hero?

What makes a hero? There are the guys in tights who can leap tall buildings and shoot lasers from their eyes; that's certainly one kind of hero. There's also the guy who coordinated the food shelter that Red Cross set up in the aftermath of Super Storm Sandy. There's the woman serving in the National Guard who rescued a family of four after they lost their home to flooding.

There's the young man who joined the fire brigade as soon as he was old enough and helped put out an apartment fire, saving an elderly couple and their dog. These people are ordinary individuals who embody what it means to be a hero on a daily basis, and when disaster strikes, we rely on them.

When Hurricane Sandy struck in 2013, there were 2.7 million power outages in New Jersey alone, not to mention the catastrophic damage done to houses, roads, and bridges. Phone lines, traffic signals, houses, cable lines, police stations, and businesses that remained standing were left without power. Emergency responders reacted to the best of their ability, providing emergency housing, food, survival gear, medical supplies and rescue squads to the areas hit by the storm. Even despite this effort, the fact remains that during a natural disaster, electricity is not only one of the most critical services, but the first to be lost. Traditional generators can be brought in and used, but rely on constant refueling, with often limited access to fuel supplies and require heavy equipment that may not be able to get to critical areas of need. This means that the power necessary to keep food refrigerated, shelters heated, equipment running, and mobile cell towers active comes from older technology that may not be accessible. Families cannot contact loved ones to let them know what happened, can't turn on a stove to cook a meal, or even light up a room to search for belongings.

*The **Clean Hybrid Energy Scalable System (CHESS)** advanced power generation system provides a mobile solution to deliver emergency power when and where it is needed.*

CHESS

Clean Hybrid Energy Scalable System

Turning on the lights requires technology that can meet the electricity demands of a disaster area, while being durable enough to survive the wreckage. The CHESS mobile platform offers exactly that. Limiting dependence on fossil fuels in favor of solar, wind, and tri-fuel options. Each mobile unit is powerful enough to serve as a generator for heating, cookware, lighting and can even be used as recharging stations for phones and computers, helping communication with family members and first responders. Most importantly, it's strong enough to survive the harsh aftereffects of a storm.

JetStream's solution not only enables the men and women of disaster relief organizations to save lives, it allows the people they help to make phone calls, cook food, power heaters, take showers, and stay safe after a storm. This is because JetStream believes that during a crisis, you shouldn't have to worry about how much power it will take to contact your loved ones and tell them you're okay.

CHESS is technology that is advanced, effective, portable, and environmentally friendly, but its applications are far more important. It represents an investment, not only in green-earth innovation, but in people. It allows us to take better care of those who need it most, when they need it most, and give the heroes of today the tools they need to do what they do best: save lives.

To find out more information on the CHESS clean independent energy family of products contact JetStream at
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