

## PRESS RELEASE

### *Urgent Need for Public Utility Companies to Provide Backup Power Storage*

### **New Energy Storage Solution Coming to the USA from Canada**

FOR IMMEDIATE RELEASE  
July 3, 2021

FOR MORE INFORMATION  
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- ✓ Philadelphia, PA – On the eve of Independence Day, we are closer than ever to once again becoming dependent on outside influencers when it comes to our energy resources. We have all heard of rolling blackouts and rumors and stories of the growing risk to our electrical grid.
- ✓ Now, there is a new threat looming which is the growing DEMAND and what may well become an Electricity SHORTAGE. With the curtailment of the use of *Fossil Fuels* and the massive thrust towards *Electric Vehicles*, there is a supply and demand crisis looming.
- ✓ This shortage will inevitably cause more blackouts.
- ✓ Blackouts are dangerous and cause the loss of life.
- ✓ As citizens, residents, business owners, parents, and elected officials, we all need to be demanding that our utility companies provide back-up energy storage, and take the necessary steps to bolster and protect our energy grid.
- ✓ Catch this! Only 2.1% of the total energy production capacity of the entire United States has backup power.



- ✓ If you are an elected official, we have teams that can help you and your State become a leader in ENERGY INNOVATION, STORAGE, SAVINGS and SAFETY.
- ✓ According to a Commissioner from the *Center for Strategic & International Studies (CSIS)* “*The nation’s power grid is profoundly vulnerable to active and continuous threats by hostile foreign state and non-state actors,*” Aug 13, 2020.
- ✓ As citizens, we are asking you to reach out to the leaders in your state and ask them to act immediately to MANDATE ENERGY STORAGE BACK UP.
- ✓ Eight responsible states have already done so. The list of States that are already ENERGY POWER BACKUP STATES is shown below.

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If you are concerned about the future safety of your family and our country, please take the time to address this problem with your legislators. We can help you.

We are the company responsible for bringing a breakthrough PROVEN TECHNOLOGY into the USA that has been operating successfully and flawlessly in Canada for more than 10 years, including at the prestigious Montreal Stock Exchange.

The technology is called  
**NOVACAB Thermal Energy Storage & Conversion.**

You can preview it on our website at:  
[www.On-Site-Energy.com](http://www.On-Site-Energy.com)



**NOVACAB On-Site-Energy Systems are working** in over 40 government, industrial, commercial and high-security buildings over the past 12 years. This revolutionary Thermal (Heat) Energy Storage and Generation System absorbs wasted or rejected heat from any heat source including HVAC systems, industrial manufacturing, power plants, and even solar fields and stores the heat for use as thermal energy, and then converts it into no-cost electricity on-demand.

### **A Security Element and Shock Absorber for Our Energy Grid:**

To understand the state of our energy grid we need only to look to California with last summer's fires which destroyed many homes and placed extreme demand upon their energy grid. And, of course, everyone is aware of what happened this past winter with the Texas tragedy, involving the grid failure. Meanwhile, Oregon and Washington have been experiencing rolling brownouts as summer temperatures reach record breaking highs. **These weather-related disastrous outages will continue because our energy grid is failing to meet unexpected demand!**

### **Electric Cars and Trucks and Big Tech Companies are About to Gobble Up Even More Electricity**

With the push for more electric vehicles, the power-charging demand is about to explode. In the meantime, the big tech companies (you know who they are) continue to consume more and more power as a result of their massive data centers.

### **Other States Have Already MANDATED Energy Storage:**

Eight states, including New York, California, New Jersey, Oregon, Nevada, Virginia, Massachusetts, and soon-to-be Connecticut have signed into law nearly 15,000 MW of MANDATED Energy Storage growth targets between now and 2035 depending on the state.

### **Currently, only 2.1% of all energy produced in the USA has back up storage.**

This problem can be solved with thermal energy storage, not lithium Batteries. Here's what YOU need to know. Thermal (Heat) Energy Storage is capable of storing energy at a much higher density than electrical energy stored in lithium batteries. In other words, lithium batteries alone will never carry the load, plus they create a future disposal crisis of their own. Thermal Energy Storage is the solution but it has to be implemented.

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### The Power of NOVACAB:

NOVACAB is a PROVEN Thermal Energy Storage and Power Generation System, with 12 years of flawless history. NOVACAB captures and stores wasted heat, preventing it from being dispersed into the atmosphere. It gathers the heat from virtually any commercial source. Then, when needed, now or in the future, NOVACAB converts its massive heat supply into **NO-COST Electricity**.

Unlike lithium, NOVACAB does NOT draw from the production sources for the grid. NOVACAB produces MORE electricity from wasted and potentially atmosphere-damaging heat.

Also, unlike lithium batteries, NOVACAB is completely safe, non-toxic, non-combustible and it is completely recyclable. NOVACAB cuts greenhouse gas emissions, and carbon emissions, thus reducing global warming.



- ✓ **NOVACAB has a realistic Useful Life of more than 40 years.** Plus, even after 40 years NOVACAB Unit will still be 85% efficient. They will NOT need to be discarded. In fact, its useful life can be extended simply by adding one more Unit for every 4 or 5 Units in place, thereby increasing its efficiency back to 100%.
- ✓ With today's growth in Renewables such as solar and wind energy, it is noteworthy to point out that NOVACAB works hand-in-hand with solar power generation. In fact, our scientists can demonstrate how **NOVACAB can increase the electricity output of a Utility Scale Solar Farm by more than 34%.**
- ✓ NOVACAB can also cut energy consumption costs by 30% to 40% when it is installed in major office buildings, shopping malls, hospitals, government buildings, manufacturing plants, and cold storage facilities. In other words, NOVACAB is something that virtually every major building owner will want and need.
- ✓ When it comes to Power Plants, **NOVACAB can add as much as 30% additional power output to a Power Plant.** This is in addition to providing **Backup Storage!**
- ✓ Another transformational fact is that NOVACAB can be installed with Solar Panels to provide enough storage to potentially enable the claim of being able to produce **24/7 Solar Energy.** This is a claim that no one ever dreamed possible. However, we are in the midst of PROVING IT.
- ✓ We invite you to join us to help YOUR STATE become a leader in VIABLE GREEN ENERGY. Go to: [www.On-Site-Energy.com](http://www.On-Site-Energy.com) to learn more.

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