

Solactivator: Economical Solar Backup Power for Blackouts

Challenge:

- * **Increasing Blackouts** – Wildfires, storms, power shutoffs and aging grid failures are the “new normal”
- * **Idle Home Solar** – Almost all of 2,000,000+ home solar systems are “grid-tied” that sit idle in blackouts
- * **Impractical Home Battery** – Expensive (>\$10,000) and complex setup logistics (can take months) ... < 5% adoption
- * **Surging Generator Demand** – Generators remain the most common backup power solution by far
- * **Unsustainable Generator Pollution** – Generators are economical but emit lots of pollution. In a 50-hour blackout, 122,000 generators emitted pollution, similar to 1,000,000 gas cars driven 50 miles
- * **Cleaner Solution Needed** – Home solar can help reduce pollution with the an economical backup power solution!

Solution:

Solactivator is the solution to safely activate a grid-tied solar system in blackouts using an economical on-demand power source (EV, power station, or generator) to enable maximized clean backup power and minimized generator pollution, day and night regardless of weather condition.

Benefits:

- * **Economical** – Down to 10% of home battery cost
- * **Clean** – Minimized generator power and pollution
- * **Dependable** – Stable backup power day or night, rain or shine
- * **Sustainable** – Sustained clean backup power with adaptive EV charging from solar. Accelerate EV with solar as the foundation for clean energy homes
- * **Portable** – Simplified setup logistics and easy pluggable usage at home or wherever needed

