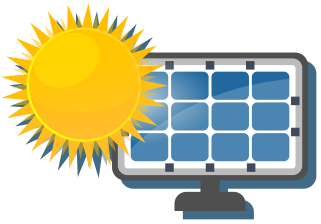
ENERGY STORAGE SYSTEMS (ESS)

Energy Resilience: ESS & Photovoltaics

Do you have **solar panels** or **photovoltaic modules** installed on your home or business? Having **energy storage systems** helps **increase your energy efficiency** by storing energy for use during peak hours or during a power outage.

REDUCE POWER GRID DEPENDENCY

1. 

Solar panels generate energy, charge batteries, and sell extra power back to the grid

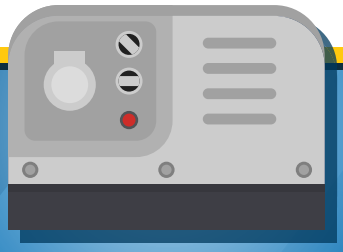
2. 

Energy storage systems allow you to run on **battery power**

Use **off peak energy** from grid to recharge

3. 

Energy storage systems combined with specific types of **power inverters** can help keep essential devices powered during natural disasters and power outages



*Consider **standby generators** for additional independence and protection against power outages*

ENERGY STORAGE SYSTEM SAFETY

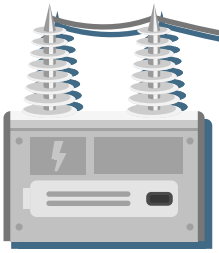
Energy storage systems should be installed by a **qualified electrician**

Do not tamper with energy storage systems and **stay away** from energy storage system installations

IN CASE OF A FIRE AROUND ENERGY STORAGE SYSTEMS

Qualified personnel should be contacted to find system status and response

Notify first responders that energy storage systems are onsite



Never attempt to **make connections** or **service** any ESS. Only **qualified personnel** should install and service any ESS

ESS may only power a **certain number of home appliances for a **finite amount of time**. Essential devices **should have a priority** for ESS power*