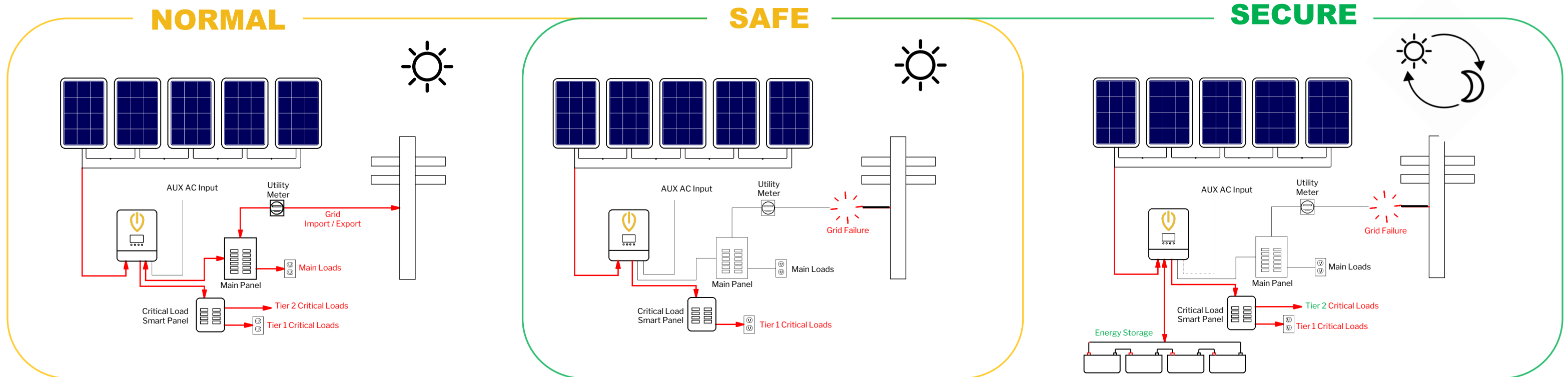


Energy insecurity due to aging and fragile infrastructure effects about **1B people Globally**.^[1] From 2011-2013 the United States has seen a **6-fold increase in monthly power outages costing an estimated \$18B - \$33B USD annually**.^[2]

Local Building Codes often cause new residential solar plus storage installations to be **70% more expensive** than a grid interactive system with the same generation capacity.^[3]

The United States has been hit by **\$16B USD disasters this year**, so far.^[4] The **Global Disaster Recovery Solutions Market** is expected to reach **\$26.23B USD** by 2025 due to growing instances of infrastructure failure, natural disasters, and other unanticipated events.^[5]



AFFORDABLE

RESILIENCE

TECHNOLOGY

Solar SEED-SOS is the first Multi-modal Hybrid inverter with the advantage of having **Smart Controller** technology which provides Storage Optional emergency power and more:

- Generating emergency **DC and AC** electricity directly from sunlight during grid outage.
- Multi-stage charging and programmable load control via a highly-efficient **MPPT charge controller**.
- **System Safety Net:** reverting to direct-drive in case of battery storage or generator failure.
- **IoT and Remote Monitoring** via Web or Smartphone for individual and stacked SEED-SOS inverters.

NETWORK PARTNERS



^[1]Tracking SDG7: The Energy Progress Report, 2019 ^[2]Economic Benefits of Increasing Electric Grid Resilience to Weather Outage, August 2013 ^[3]www.nrel.gov/docs/fy17osti/67474.pdf ^[4]NOAA, October 2020 ^[5]Grand View Research Inc., November 2018