



## BENEFITS OF SOLAR + STORAGE

### Health + Community Benefits



#### Uninterrupted Care

Solar panels combined with a battery system enhances public health resilience by allowing health centers to access electricity during blackouts; Creating uninterrupted health care and avoiding a power shut-off for essential machines + operating systems.

Unprepared facilities have to either shut down or move to a different facility during this time. A microgrid can help avoid this!



#### Air Quality

Solar power contributes to improved air quality, reducing the risk of respiratory problems. Electricity from fossil fuels or natural gas release harmful pollutants into the atmosphere contributing to respiratory illnesses such as lung cancer and asthma.



#### Community

Using microgrids relieves the central grid during peak times and emergencies, enhancing overall grid strength.

### Additional Benefits



#### Financial

Solar-powered systems can lead to long-term financial savings by:

- Allowing you to reduce the amount of energy purchased
- Selling the extra energy produce
- Storing extra energy a battery for use later (avoiding expensive power outages)



#### Environmental

Switching to solar directly contributes to reducing the negative impacts of fossil fuels!

Fossils fuels are damaging because

- Extraction causes significant ecological damage including air pollution, water pollution, and habitat fragmentation
- Burning fossil fuels releases harmful pollutants such as Nitrogen Oxides and Sulfur Oxides into the atmosphere



Want to know more? Let's connect!

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