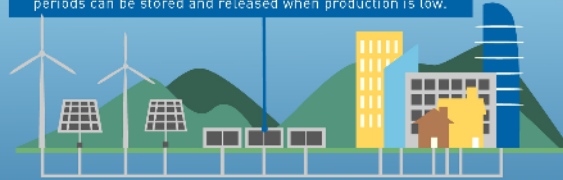


GRID STORAGE

Development in battery technology is making grid-level energy storage possible. With storage integrated into an electrical grid, energy generated during high production and low consumption periods can be stored and released when production is low.



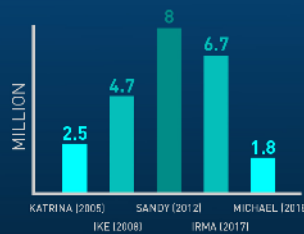
THE ELECTRICAL GRID

The electrical grid is an interconnected network that brings electricity from producers to consumers. Energy is generated and released in real time as demanded.



Damage to power lines from weather, fallen trees, or faulty equipment can cause power outages, impeding electricity from reaching consumers.

No. of customers affected by power outages as a result of major hurricanes in the US



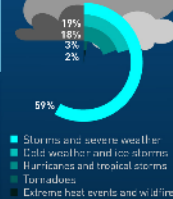
147

major blackouts each year in the US due to adverse weather

15M

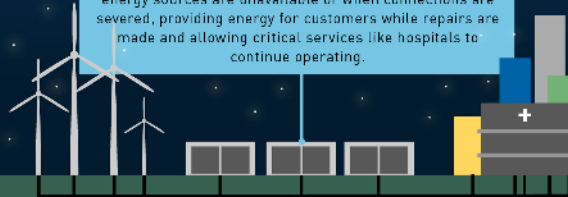
customers are affected each year by weather-related outages in the US.

Share of weather events leading to power outages in the US (2003-2012)



Power outages during disasters are critical as they can hamper vital emergency and rescue services.

With storage, electricity can be stored and released when energy sources are unavailable or when connections are severed, providing energy for customers while repairs are made and allowing critical services like hospitals to continue operating.



BENEFITS OF GRID STORAGE

