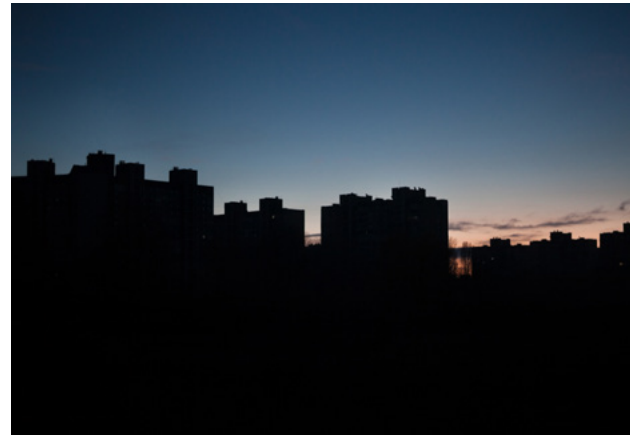


## Resilient Power Rapid Microgrid Deployment for Gulf Coast Utility Recovery

In response to back-to-back hurricanes that devastated the Gulf Coast, a local utility company faced an urgent crisis. The damage to seven transmission lines and the main power plant left the community at risk of rolling blackouts, impacting essential services like schools, hospitals, and businesses. This case study explores how VoltaGrid's rapid deployment of natural gas-powered microgrids helped restore power to the community.

### THE CHALLENGE

The hurricanes caused extensive damage, leaving the utility unable to meet peak load demands. Without a swift solution, the community was at risk of significant power outages.



### THE SOLUTION

VoltaGrid swiftly mobilized to provide over 30 megawatts of power.



# THE WORK

**Mobilized** to provide over 30 megawatts of power.

**Utilized** the existing natural gas infrastructure onsite.

**Integrated** microgrid solutions directly into the utility's substation.

**Ensured** seamless power supply to essential services.



# THE RESULTS

**Prevented** rolling blackouts and maintained continuous power supply.

**Enabled** critical infrastructure like schools, hospitals, and businesses to remain operational.

**Secured** community stability through reliable, efficient power managed by a 24/7 command center.

# THE CONCLUSION

**VoltaGrid's** rapid deployment of natural gas-powered microgrids played a crucial role in stabilizing the community during a critical time. Their efficient response highlighted the importance of reliable microgrid solutions in disaster recovery.



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