

# Backup Power



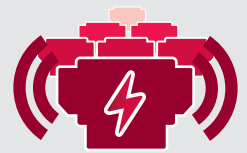
As a wireless network operator, your network is your most valuable asset. Your users expect your network to be up and keeping them connected 24/7. Service disruptions caused by power outages can cost you time, money and potentially customers, making hardening of your communications sites a priority.

- Weather events and natural disasters can disrupt utility service—from localized outages to entire regions.
- Vandalism and theft at utility substations can knock out power to wide service areas.
- The U.S. power distribution grid is aging and stretched to capacity. Equipment failures and high energy demands cause regular brownouts and blackouts across the country.

## Are your sites hardened to provide service during power outages?

Our Backup Power Solution provides customers on-site backup generators to keep their site-mounted communications equipment online during power outages. This program offers the scale, performance and value to ensure your sites have power during outages, allowing you to focus on your business.

**3,300+**  
GENERATORS



**154,000+**  
HOURS OF POWER  
PROVIDED DUE  
TO OUTAGES



## For More Information

For more information on our Backup Power Solution, please contact:

877-409-6966  
[leasing@americantower.com](mailto:leasing@americantower.com)



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## Scale

American Tower recognized the importance of hardening and developed this solution from the ground up. Since the inception of the program in 2010, we have developed solutions to provide backup power coverage to customers of all sizes.

- › 3,300+ sites with backup power generators.
- › Power can be sized to fit customers' needs.
- › If a generator is currently not available on an American Tower site where you would like to harden, we may be able to develop one.

## Value

Hardening your sites is crucial to your business but requires a significant amount of resources, including installing, monitoring, refueling and storm preparedness. Utilize our proven solution, so you can focus on your customers.

- › American Tower's Network Operations Center (NOC) monitors our sites 24/7.
- › Generators can deliver for up to 48 hours before refueling is required.
- › Remote monitoring of generators keeps us informed of current conditions and status with real-time data.
- › Refueling is automatically triggered when 60% tank capacity is reached.
- › Thorough preventive maintenance protocols ensure our generators are ready for service when sites experience a power outage.

- › Weekly automated testing ensures operations and performance at all times. Scheduled load-bank testing simulates operational load and evaluates capacity to deliver power.
- › Storm preparedness protocols ensure equipment is operational and ready. Fueling, service and repair are dispatched immediately when required.

## Performance

Reliability and uptime are the highest priority when it comes to hardening communications sites. With regular service, scheduled maintenance and remote testing and monitoring, we have created a reliable solution, and our statistics speak for themselves.

The American Tower Backup Power Solution prevents the need to purchase and install generators and lease more land on site. Service and maintenance are included in our rates. Let our resources deliver a more cost-effective solution that allows you to focus on your business.

IN 2016:



44,000+

**HOURS OF POWER**  
PROVIDED DUE TO OUTAGES



14+  
HOURS

**AVERAGE RUN TIME**  
PER ACTIVATED GENERATOR  
DUE TO OUTAGES



94%

**GENERATORS ACTIVATED**  
DUE TO OUTAGES

