



Battery Backup Modernizes Telecom Infrastructure

Across New York and Massachusetts, a major Northeast Utility is deploying Viridi battery energy storage to replace or supplement diesel generators at telecom tower sites.

100 kWh RPS Link systems provide up to ~48 hours of seamless backup power, while diesel generators remain as secondary support for extended outages.

With **ViSTA® VCom** IoT monitoring, operators gain real-time visibility across distributed sites—reducing generator maintenance, fuel logistics, and lifecycle costs while strengthening network resilience and enabling eligibility for **up to 40%** federal incentives.



Typical Return on Investment

1.5–3 yrs

INSTALLATION COST

Item	Amount
Estimated Installed Project Cost	\$130,000
Federal ITC 40% (IRS Section 48E)*	\$52,000
Year-1 Bonus Depreciation	\$21,840

Net Capital Cost\$56,160

ANNUAL GENERATOR EXPENSE

Cost Component	Typical Range
Routine testing & inspections	\$3,000 – \$5,000
Fuel management	\$2,000 – \$4,000
Preventive maintenance	\$2,000 – \$4,000
Load bank testing	\$1,000 – \$2,000
Total recurring O&M*	\$8,000 – \$15,000
¹ Annualized replacement deferral	\$10,000 – \$20,000

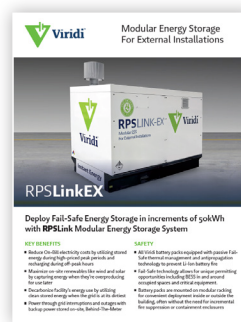
Annual avoided cost.....\$18,000–\$35,000

RPSLinkEX Product Sheet

Explore the features and specs powering seamless energy integration.

[LEARN MORE](#)

<https://rebrand.ly/wg9zdmq>



Telecom Towers Case Study

See how this lift station project is redefining resilience.

[READ NOW](#)

<https://rebrand.ly/soywftfg>



Start Planning Your Project

>> Lease Options Available <<

Note: Viridi absorbs the majority of real-world outage events, allowing material reduction in generator runtime, testing frequency, and wear. All figures are illustrative and subject to final system cost, eligibility confirmation, placed-in-service timing, and federal guidance. Municipal entities should review final structures with financial and legal advisors prior to execution. *Municipal entities may elect Direct Pay, which allows the full value of the Investment Tax Credit to be received as a cash payment from the U.S. Treasury. ¹ At assumed generator replacement cost of \$150,000 - \$200,000 and 10-15 year life.

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