Backup Power Essentials Explained

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The Unseen Risk in Modern Power Systems

You're about to close your biggest quarterly deal when the lights flicker. Backup power supply failures cost U.S. businesses over $150 billion annually in disrupted operations and data loss. Yet 63% of commercial facilities still rely on diesel generators from... well, let's just say the Reagan era.

"But we've always used generators," you might protest. Here's the rub: Last month's massive Midwest storm knocked out 19,000 legacy systems in under three hours. Utility companies reported 700% surge in emergency requests - most from businesses without proper energy resilience.

The Hidden Costs of Outages

Highjoule's field study reveals:

- 40% of voltage sags last

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