






POWER PROBLEMS COST TEXAS COMMERCIAL & INDUSTRIAL BUSINESSES BILLIONS

Texas commercial & industrial businesses drive the economy, but outages, poor power quality, high peak pricing, cyber threats, and supply chain risks threaten the bottom line.

These issues cost Texas C&I companies \$20–50 billion yearly, with \$12–18 billion hitting the Gulf Coast. Here’s how they affect you and how we can help.

	Problem	Stats	Impact	Solution
Power Outages 01 	Storms damage distribution systems, stopping operations.	Hurricane Beryl (2024) caused 2.7 million outages; the 2021 freeze hit 4.5 million. Texas tops the U.S. with 210 outages since 2000.	Downtime and equipment damage cost \$10–14 billion yearly—25% of data center outages exceed \$1 million each.	Battery backup keeps your business running.
Power Quality 02 	Voltage swings and frequency drops damage industrial equipment.	ERCOT’s 2021 drop below 59.4 Hz forced shutdowns. Power quality issues cost \$15–24 billion nationwide annually.	Failures and delays cost over \$1.5 billion yearly, worsened by supply chain delays for parts.	Batteries stabilize power, acting as buffers to ensure reliability.
High Peak Costs & Missed Savings 03 	Peak pricing and missed arbitrage opportunities inflate power bills for Texas businesses.	Excess costs from various peak pricing hit \$1.4–3 billion yearly and are rising.	Paying for high power bills instead of investing in growth.	Using batteries cut peak charges by avoiding high cost grid pricing periods and can earn revenue through grid programs.
Cyber-security 04 	Cyberattacks on infrastructure risk outages and breaches.	Threats jumped 70% in 2024; 75% of firms face disruptions yearly.	Losses reach \$0.2–0.8 billion annually, threatening operations.	U.S.-made systems lower cyber risks.
Supply Chain Risks 05 	Relying on foreign equipment delays critical fixes amid global tensions.	32% of CEOs (2022 PwC survey) see geopolitical risks as a growth threat; 71% say it slows sales.	Downtime from parts delays costs millions in lost revenue.	U.S.-built solutions speed up recovery.