



Executive Summary

Overview

1GridPower (1GP) is strengthening the power grid through the deployment of advanced small, smart power systems, called **nanogrids**. These nanogrids are designed to manage and store electricity efficiently, ensuring that homes and small businesses have **reliable backup power** during grid outages. Our mission is to enhance grid resilience, optimize energy usage, and support the integration of renewable energy, contributing to a more sustainable and stable energy landscape.

Business Model

1GP at its core is a regulatory and pricing arbitrage play. Battery installation at private homes has a **lower regulatory burden** than utility-scale projects, and by providing batteries at a low cost to homeowners we incentivize rapid adoption and scaling. We are then positioned to **capitalize on peak power prices**, storing energy at night when prices are at their lowest and selling it back to the grid during periods of high demand.

Highlights

- **Highly Scalable:** Low costs to homeowners and small battery size ensure the ability to rapidly scale.
- **Market Growth:** Texas's power demand is projected to nearly double by 2030, driven by population growth, industrial expansion, and increased frequency of extreme weather events.
- **Revenue Potential:** Potential to break even on unit cost in a single summer.
- **Strategic Expansion:** Initial focus on Houston with plans for statewide and national rollout.



Rendering; final appearance may differ

Market Opportunity

The power grid in Texas and other southern states is increasingly strained by **rising demand and aging infrastructure**. With Texas's population projected to grow from 30 million to 50 million by 2050, and **power demand expected to nearly double** by 2030, the need for reliable energy solutions has never been greater. Additionally, the increased frequency of extreme weather events and the growing importance of continuous power for industries like technology and manufacturing further underscore the critical need for **resilient energy systems**.

Technology

At the heart of **1GP**'s offering is the 40-80 kWh nanogrid system, a state-of-the-art energy storage system that integrates seamlessly with both the grid and homes.

Specifications	
Model	40-A
Type	Self-contained two-way energy storage
Capacity	40-80 kWh
Dimensions	40" x 40" x 46"
Charge Time	>1 hour
Weight	1,000+lbs

Growth Strategy

1GP's strategy is centered around scaling operations from **Houston** to other regions prone to power outages, forging **strategic partnerships** with local retail energy providers and government agencies, and continuously innovating in energy storage technology. The company plans to capitalize on the growing demand for resilient energy solutions, particularly in areas affected by extreme weather and where energy reliability is critical for economic stability.

1GridPower is at the forefront of addressing the critical challenges facing today's power grid. Through **innovative technology**, a flexible business model, and a focus on **community resilience**, **1GP** is poised to become a leader in the energy storage and management industry. As the demand for reliable, sustainable energy solutions continues to grow, we are well-positioned to deliver value to customers, investors, Texas, and ultimately the entire nation.

Team Information



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