Powering profit through smarter energy.

VISION

Golden State Energy is building the backbone of America's next-generation power infrastructure. Our mission is to harden the nation's most critical systems by delivering advanced, high-reliability energy technologies capable of operating independently from an increasingly fragile centralized grid. Through a vertically integrated model that spans innovation, manufacturing, deployment, and lifecycle optimization, we are positioned to become a foundational player in the future of resilient energy.

We develop and manufacture advanced power technologies that meet the evolving demands of today's energy landscape. Our systems bridge the gap between emerging innovations – such as solid-state storage and AI-drive optimization – and proven infrastructure, delivering unmatched reliability, flexibility, and performance.

Our organization is purpose-built to support institutions that cannot afford downtime. The next-generation solid-state battery manufacturing and integrated microgrid systems from Golden State Energy are engineered for sectors where power failure is not an option:

- Hospitals and healthcare systems
- Data centers and cloud infrastructure
- Telecom and emergency communications
- Military and defense installations
- Critical government facilities

These organizations require absolute reliability. Our systems directly support the backbone of the U.S. economy and national security. **They must never go dark.**

GOLDEN STATE ENERGY

Golden State Energy Inc. (GSE) is a pioneering project development company founded in Carson City, Nevada, in May 2002, dedicated to delivering innovative and sustainable energy solutions. Since inception, GSE has been at the forefront of energy technology integration - bridging traditional and emerging technologies to meet evolving energy demands across a range of commercial, institutional, and international markets.

The **U.S. power grid** is **increasingly unreliable**, and existing backup solutions—generators and conventional batteries—are either slow, dangerous, or both.

We are building industrial-scale solid-state battery systems designed specifically for mission-critical microgrids, enabling hospitals, data centers, defense, and emergency **infrastructure to operate** safely, instantly, and **independently of the grid.**

This is infrastructure-grade energy resilience.

Over the past two decades, GSE has partnered with industry leaders such as Ameresco, ChevronTexaco, Hess Oil, Enron, United Technologies, Steam Power Partners, Sempra Solutions, and Carrier Corporation, among others. The company has also played a strategic role in supporting international energy companies—most notably guiding Taiwanese PV manufacturers in establishing a U.S. presence and contributing to high-impact projects such as Indianapolis Airport, infrastructure in the Dominican Republic, and early agrivoltaics initiatives in Ethiopia.

CHALLENGE

Despite meaningful advances in energy technology, the sector continues to face structural barriers that limit reliability and long-term performance. These challenges undermine energy security, power quality, and ROI for communities, businesses, and even utilities—especially in off-grid or emerging market environments. The most persistent issues include:

- **Intermittency:** Renewable energy generation fluctuates with weather and time of day, making consistent power supply a persistent issue.
- **Energy Storage Gaps:** Batteries are essential but still evolving, and most deployments lack the flexibility or reliability to support mission-critical or industrial loads.

- **Fragmented Solutions:** Most energy projects are piecemeal, without the integrated systems thinking required for long-term sustainability.
- **Financing Bottlenecks:** Traditional financing mechanisms often fail to account for the value created by decentralized, pre-commercial, or hybrid energy technologies.

These systemic weaknesses are compounded by the increasing fragility of the U.S. power grid, which has experienced repeated large-scale failures driven by extreme weather, aging infrastructure, cybersecurity threats, transmission congestion, and insufficient localized resilience. Outages are more frequent, restoration takes longer, and mission-critical users face heightened exposure where even seconds of downtime can be catastrophic. Traditional backup options—diesel generators and conventional lithium-based batteries—introduce their own mechanical, safety, and regulatory risks, ultimately trading one vulnerability for another rather than delivering true resilience.

SOLUTION

Golden State Energy (GSE) is building an integrated platform anchored by the nation's first AI-driven Energy Technology Center—a centralized hub that unifies advanced storage, microgrids, hydrogen systems, thermal technologies, and real-time AI optimization. Designed to meet most customer energy needs, these systems operate either independently or alongside the grid, turning power into a strategic advantage for residential, commercial, industrial, and utility users in a business-friendly state like Texas. This platform is built on a defined set of core technologies that work together as a single, resilient energy ecosystem.

Technology Components

- Solid-state and modular battery systems
- Microgrids delivering 99.9999% uptime and computer-grade power
- PEM fuel cells and green hydrogen
- Solar thermal and hybrid energy systems
- AI-driven predictive modeling and real-time optimization

A key differentiator within this platform is solid-state polymer technology, which removes flammable electrolytes, improves thermal stability, minimizes degradation, and supports long cycle life with lower permitting and insurance burdens. Operationally, it eliminates warm-up delays, mechanical failure modes, explosion risks, and cascading fire events while requiring minimal maintenance. As grid instability, climate volatility, cyber threats, regulatory pressure, insurance mandates, and national security concerns accelerate demand for microgrids, solid-state storage becomes the enabling factor that makes them safe, reliable, long-term, and economically rational.

COMPETITION

GSE's experience in Africa revealed a powerful and underserved market opportunity. After presenting to the SADC Integrated Technology Acquisition Committee, GSE received a Notice of Intent to Award from six African nations. However, the sheer scale of demand—from 640MW hybrid power plants to 50MWh battery procurements—quickly highlighted a global supply bottleneck: existing manufacturers could not meet volume or reliability requirements.

Despite backing from institutions like the Reserve Bank of South Africa, even national-level orders could not be fulfilled. Multiple follow-on requests—from Namibia and other nations—confirmed what GSE had uncovered: there is no dominant player offering integrated, scalable energy solutions that combine battery innovation, hybrid power, and microgrid reliability in a single delivery model.

Most competitors are siloed—focused on either generation, storage, or consulting—and rely heavily on foreign supply chains or traditional lithium-ion chemistries. This opens a clear gap in the market for a vertically integrated provider capable of both manufacturing and delivering complete systems at scale.

PLAN

GSE delivers end-to-end energy solutions with a strong focus on distributed generation, demand-side innovation, and sustainable power technologies.

CORE OFFERINGS

Project Development & Engineering	Turnkey energy infrastructure projects integrating new and legacy technologies.
Hybrid Energy Systems	Combined Heat & Power (CHP), absorption chilling, fuel switching (natural gas to propane), and packaged reciprocating engines.
Advanced Energy Technologies	Deployment of ONSI fuel cells, microgrids, solar/PV integration, and quality lighting retrofits for energy efficiency.
International Market Expansion	Advisory services for foreign energy manufacturers entering the U.S. market, with proven results in solar/PV development and commercialization.
Client Solutions Portfolio	Delivered tailored energy projects for Raley's, Albertsons, Sandia National Labs, Lawrence Livermore National Labs, National Renewable Energy Lab (NREL), hospitals, tribal governments, retirement communities, and the hospitality sector.

The company stands out for its deep technical expertise, early adoption of advanced technologies like fuel cells and agrivoltaics, and a proven track record delivering complex energy projects for national labs, major retailers, and international partners. Its recognition by the U.S. Department of Energy and consistent delivery of emissions-reducing, grid-lightening solutions underscores its credibility and leadership in sustainable energy innovation.

TEAM

Golden State Energy is led by a deeply experienced executive team with a proven track record in energy systems, large-scale infrastructure, international project development, and commercialization of advanced technologies.

Dr. Thomas Damberger, President and CEO

At the helm of GSE is Dr. Thomas Damberger, an internationally recognized authority in fuel cell innovation, distributed generation, and sustainable energy systems. With a Ph.D. in Applied Management and decades of leadership across both public and private sectors, he has pioneered the deployment of advanced technologies ranging from plasma-based waste-to-hydrogen systems to high-efficiency microgrids and next-generation solid-state batteries.

MILESTONES

Golden State Energy, originally incorporated in Nevada over 30 years ago, is undergoing a strategic transformation – shifting from project development and distributed generation services to the manufacturing of advanced energy technologies.

Reincorporate and relocate operations to Texas

leveraging the state's rapidly expanding energy storage market and strong economic incentives.

Construct three Energy Technology Center sites

in Texas, as requested by the Governor's Office of Economic Development.

Launch manufacturing operations

within 18 months of construction start, with near full operational capacity by month 24.

Quadruple Texas's energy storage capacity

within five years, driven by large-scale production of advanced, American-made energy technologies.

FINANCIALS

Golden State Energy President and CEO, Dr. Thomas Damberger, is seeking $1.7 billion in funding. The portfolio's early cash flow and rapid payback provide a strong foundation, while long-term upside from solid-state batteries smooths IRR and drives late-stage growth.

Operating Statements	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Revenue					
Revenue	0	0	5,000,000,000	5,150,000,000	5,300,000,000
Cost of Goods Sold	0	(193,694,000)	(1,963,700,000)	(1,999,800,000)	(2,035,600,000)
Net Revenue	0	(193,694,000)	3,036,300,000	3,150,200,000	3,264,400,000
Operating Expenses					
Selling, General, and Administrative	(15,350,000)	(17,750,000)	(47,200,000)	(48,620,000)	(50,080,000)
Operational & Labor	(12,000,000)	(20,300,000)	(16,180,000)	(16,670,000)	(17,170,000)
Total Operating Expenses	(27,350,000)	(38,050,000)	(63,380,000)	(65,290,000)	(67,250,000)
Pre-Tax Income (EBITDA)	(27,350,000)	(231,744,000)	2,972,920,000	3,084,910,000	3,197,150,000
Source and Use of Funds					
Source of Funds					
Investment	**850,000,000**	**850,000,000**			
Use of Funds					
Capital Expenditures - Phase 1	**(638,170,000)**				
Land Acquisition	(17,000,000)				
Engineering & FEED	(35,000,000)				
Permits, Environmental & Utility Approvals	(6,000,000)				
Early Equipment Deposits	(75,000,000)				
Site Preparation & Infrastructure	(57,170,000)				
Building construction (partial)	(180,000,000)				
Utilities & energy (partial)	(30,000,000)				
AI / automation (early)	(20,000,000)				
Lean development team & Legal	(18,000,000)				
Contingency & EPC, inflation buffer	(200,000,000)				
Milestone: Engineering complete					
Capital Expenditures - Phase 2		**(526,620,000)**			
Building Construction (completion)		(100,000,000)			
Manufacturing Equipment		(275,000,000)			
AI / automation & MES (final stack)		(45,000,000)			
Utilities & energy systems (completion)		(20,000,000)			
Site prep & infrastructure		(11,620,000)			
Quality & Control Equipment		(75,000,000)			
Milestone: Commissioning & certification complete					
Capital Expenditures - Phase 2			**(50,000,000)**		
Maintenance CAPEX			(20,000,000)		
Automation optimization			(15,000,000)		
Expansion & upgrades			(15,000,000)		
Milestone: Sustaining operations					
Investor distribution (20% Pre-Tax Inc)	0	0	(594,584,000)	(616,982,000)	(639,430,000)
	(638,170,000)	(526,620,000)	(644,584,000)	(616,982,000)	(639,430,000)
Operating Income/ (Losses)	(27,350,000)	(231,744,000)	2,972,920,000	3,084,910,000	3,197,150,000
Total Operating Expenses	(665,520,000)	(758,364,000)	2,328,336,000	2,467,928,000	2,557,720,000
Net Change	**184,480,000**	**91,636,000**	**2,328,336,000**	**2,467,928,000**	**2,557,720,000**
Cash at Beginning of Period	0	184,480,000	276,116,000	2,604,452,000	5,072,380,000
Net Change	184,480,000	91,636,000	2,328,336,000	2,467,928,000	2,557,720,000
Cash at End of Period	**184,480,000**	**276,116,000**	**2,604,452,000**	**5,072,380,000**	**7,630,100,000**

CONCLUSIONS

Golden State Energy has a longstanding record of innovation, introducing technologies such as cogeneration, solar power, fuel cells, and intelligent building systems well before they became mainstream. These early deployments delivered measurable improvements in cost efficiency, system reliability, and environmental performance.

The company is now scaling up to manufacture advanced solid-state energy systems powered by AI-driven automation, with a focus on delivering safe, efficient, American-made solutions to meet rising demand across diverse sectors.

Backed by strong support from the State of Texas and favorable market conditions, Golden State Energy is positioned to lead in the next generation of domestic energy manufacturing and deployment.

Build the future of clean energy. Now is the time to invest in the team, the mission, and the momentum.