

NEOVOLTA™

NASDAQ: NEOV

BUILT FOR WHAT'S *AHEAD.*

U.S. MANUFACTURED ENERGY STORAGE
FOR HOMES, BUSINESSES AND THE GRID

September 2026 Investor Presentation



SAFE HARBOR STATEMENT

All statements contained herein other than statements of historical fact, including statements regarding our future results of operations and financial position, our business strategy and plans, and our objectives for future operations, are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, Section 21E of the Securities Exchange Act of 1934, and the Private Securities Litigation Reform Act of 1995, which involve risks and uncertainties. The words “believe,” “may,” “will,” “estimate,” “continue,” “anticipate,” “intend,” “expect,” and similar expressions are intended to identify forward looking statements. We have based these forward-looking statements largely on our current expectations and projections about future events and trends that we believe may affect our financial condition, results of operations, business strategy, short-term and long-term business operations and objectives, and financial needs. These forward-looking statements are subject to a number of risks, uncertainties and assumptions. Moreover, we operate in a very competitive and rapidly changing environment. New risks emerge from time to time. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. In light of these risks, uncertainties and assumptions, the future events and trends discussed herein may not occur and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements.

Although the Company believes that the expectations reflected in such forward-looking statements are reasonable as of the date made, expectations may prove to have been materially different from the results expressed or implied by such forward-looking statements. The Company undertakes no obligation to update any forward-looking statements contained in this release to reflect events or circumstances occurring after its date or to reflect the occurrence of unanticipated events.

WHY NEOVOLTA? WHY NOW?



Domestic Manufacturing Advantage

Experienced U.S. BESS platform positioned for FEOC-sensitive procurement and key domestic manufacturing incentives



Pendergrass Production Facility Set to Ramp

210,600 sq. ft. facility targeting up to 8 GWh in 2028



Recent SK On Collaboration Anchors Scale

Secured LFP cell supply and pack-manufacturing opportunity catalyzes capacity growth



Early Demand Visibility Alongside Key Strategic Partnerships

\$200M Utility-Scale LOI



A VERTICALLY INTEGRATED ENERGY STORAGE PLATFORM



Residential

Home energy storage for resilience, independence and intelligent energy management

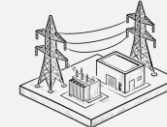
Established products, installer network and recurring customer channel



Commercial & Industrial

Scalable solutions for business continuity, cost optimization, and operational reliability

Higher-value systems supported by channel, EPC and financing partners



Utility & Grid

Large-scale energy storage supporting grid reliability, load growth and critical infrastructure

Domestic manufacturing platform for C&I and utility-scale BESS deployment

NASDAQ: NEOV **\$232M Market Cap**
as of 8/31/2026

8 GWh

Annual BESS Capacity
Targeting up to 8 GWh in 2028

80%

NeoVolta Power, LLC Ownership
Consolidated BESS Manufacturing Subsidiary



**2026 Energy Storage
Company of the Year**



WHAT WE DO

ONE COMPANY. THREE MARKETS. DOMESTICALLY MANUFACTURED.



CORPORATE HEADQUARTERS
Poway, CA

**U.S. MANUFACTURING
PLATFORM**
Pendergrass, GA
NeoVolta Power, LLC



RESIDENTIAL

- LFP all-in-one systems
- National Installer channel
- NVWAVE modular platform: <30-min installation

COMMERCIAL & INDUSTRIAL

- Stackable 150 kW / 313 kWh modular systems
- **Luminia partnership** for EPC + financing
- Designed for business continuity & energy-cost optimization

UTILITY & GRID

- Containerized BESS up to 5 MWh
- Pendergrass, Georgia manufacturing platform
- U.S.-manufactured LFP supply chain



Platform designed to meet applicable domestic-content and FEOC requirements

A \$45 BILLION U.S. MARKET BY 2030



⚡ BESS has shifted from supplemental technology to core infrastructure

⚡ Grid operators facing record peak demand, electrification, and capacity retirement

⚡ Regulatory tailwinds (IRA, FERC rules) creating a procurement reshuffling: domestic wins

⚡ NEOVOLTA is positioned at the intersection of all three growth vectors

~\$10B

C&I Storage

~\$20B

Utility-Scale Storage

~\$45B

U.S. TAM Estimate by 2030

~\$15B

Residential Storage

A U.S. BESS MANUFACTURING PLANT BUILT TO SCALE



210,600 sq. ft. purpose-built BESS facility

- ✓ Initial production-line commissioning underway
- ✓ Designed for C&I and utility-scale BESS assembly
- ✓ NeoVolta Power, LLC: 80% owned manufacturing subsidiary



STRATEGIC LOCATION

- I-85 logistics corridor
- Access to Port of Savannah
- Georgia battery-manufacturing ecosystem
- Skilled workforce and state economic-development support

SCALE & VALIDATION



9 GWh LFP cell supply deal with SK On supports scale-up
Pack-manufacturing framework adds SK On as key customer



Up to 8 GWh annual BESS capacity target in 2028



Domestic BESS Platform Positioned for FEOC-Sensitive Procurement

CONTROLLED U.S. BESS PLATFORM, ENABLED BY STRATEGIC PARTNERS

*NeoVolta holds an 80% controlling interest in **NeoVolta Power, LLC**, which operates the Pendergrass, Georgia BESS manufacturing platform and is supported by LONGi's energy ecosystem and PotisEdge's production-line technology*

NEOVOLTA™

LONGi

80% CONTROLLING INTEREST

20% MINORITY INTEREST



SCALE, CREDIBILITY & MARKET ECOSYSTEM

LONGi

- Global solar and clean-energy manufacturing leader
- U.S. manufacturing ecosystem through Illuminate USA
- Deep relationships across utility-scale solar and energy-storage markets
- Strategic credibility and commercial connectivity as NeoVolta Power scales



BESS PRODUCTION-LINE CAPABILITY

Potis Edge

- BESS integrator and OEM with Global BESS deployment experience
- Provides GA production-line equipment and BESS manufacturing know-how
- ~9 GWh installed globally
- BNEF Tier 1 designation for seven consecutive quarters

A LONGi company since November 2025

SK ON: U.S. CELL SUPPLY + BESS PACK OFFTAKE

Five-year collaboration between NeoVolta Power and SK On pairs U.S.-manufactured LFP cells with domestic pack production at Pendergrass, securing cell supply and attaching pack demand to Line 2.

9 GWh

Signed U.S. LFP cell supply

2027 – 2031

+9 GWh

Additional cells + pack offtake framework

Order docs pending

18 GWh

Combined collaboration through 2031

Cells + packs

8 GWh

Pendergrass annual capacity target

Two-line platform, 2028

HOW THE COLLABORATION WORKS

SK On → NeoVolta Power

Primary supplier of U.S.-manufactured LFP pouch cells from SK On’s Georgia plant. Georgia plant. Signed 9 GWh supports NeoVolta Power’s Line 2 production from production from 2027 through 2031.

NeoVolta Power → SK On

Framework for an additional 9 GWh of cells that NeoVolta Power incorporates into energy storage packs designed, manufactured, and sold back to SK On.

STRATEGIC BENEFITS



Locks in scarce U.S. cells

Commits 9 GWh of domestic LFP pouch supply for Line 2 at a time U.S.-made cells are effectively unavailable.



Supplier and customer

SK On is both the cell source and a pack pack offtake partner - > Line 2 enters service with demand already attached.



Accelerates Line 2

Brings forward the second line without consuming Line 1 prismatic capacity reserved for the existing third-party funnel.



Strengthens IRA / 48E

Pairs U.S. cells with U.S. pack manufacturing to support domestic-content eligibility for utility, utility, C&I, and data-center customers.

PENDERGRASS ILLUSTRATIVE SCALE-UP PATH: 2 GWh TO 8 GWh

LINE 1: SINGLE SHIFT

2 GWh

~\$338M

ILLUSTRATIVE
REVENUE

LINE 1: TWO SHIFTS

4 GWh

~\$676M

ILLUSTRATIVE
REVENUE

LINE 1: TWO SHIFTS
LINE 2: SINGLE SHIFT

6 GWh

~\$1,015M

ILLUSTRATIVE
REVENUE

FULL BUILD-OUT
(2 LINES X 2 SHIFTS)

8 GWh

~\$1,353M

ILLUSTRATIVE
REVENUE



Illustrative Needham scenario assumptions

95% Utilization | \$178/kWh blended ASP

~95% utility-scale / ~5% C&I mix

POSITIONED FOR THE GROWING U.S. UTILITY-SCALE BESS MARKET

UTILITY SCALE DRIVES PENDERGRASS DEMAND

Core market for NEOV U.S. BESS production capacity

DOMESTIC, FEOC-COMPLIANT BESS

Positioned for IRA-driven procurement

~1.1 GWh IN EARLY DEMAND

Non-binding LOI with Infinite Grid Capital

LONGi ECOSYSTEM ADVANTAGE

Potential utility-scale opportunities

~\$20B

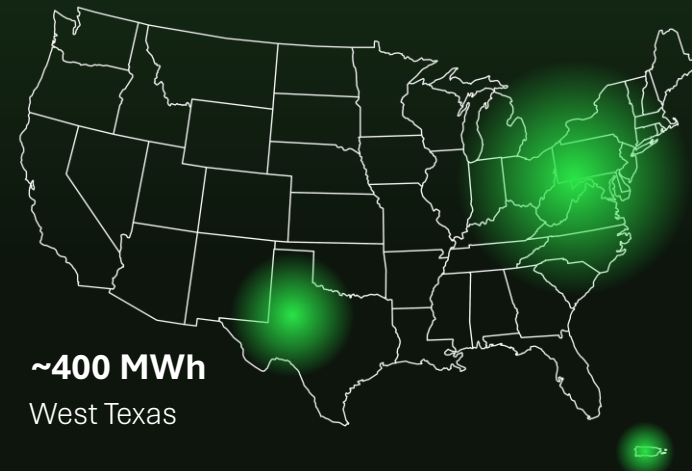
U.S. Utility-Scale Storage TAM by 2030



PENDERGRASS UTILITY-SCALE BESS
Up to 5 MWh DC Container Systems



INFINITE GRID CAPITAL PROJECT SCOPE



~300 MWh
PJM Markets

~400 MWh
West Texas

~400 MWh
Puerto Rico

SOLVING THE C&I STORAGE GAP

UNDERSERVED MIDDLE

Too large for resi installers
Too small for utility-scale EPCs

TURNKEY GO-TO-MARKET

Luminia partnership provides EPS
and financing support

EARLY COMMERCIAL TRACTION

\$1.9M order for 40 NVGAIN units

~\$10B U.S. C&I Storage
TAM by 2030

C&I PRODUCT

Stackable 125 kW / 233 kWh
all-in-one system



Framework Agreement

Up to ~160 MWh contracted demand
→ ~\$39M potential equipment revenue

Additional Pipeline

~640 MWh active pipeline



THE FOUNDATION: PRODUCTS, BRAND AND CHANNEL

ESTABLISHED RESIDENTIAL BASE

NeoVolta's original market and current operating foundation

NVWAVE MODULAR PLATFORM

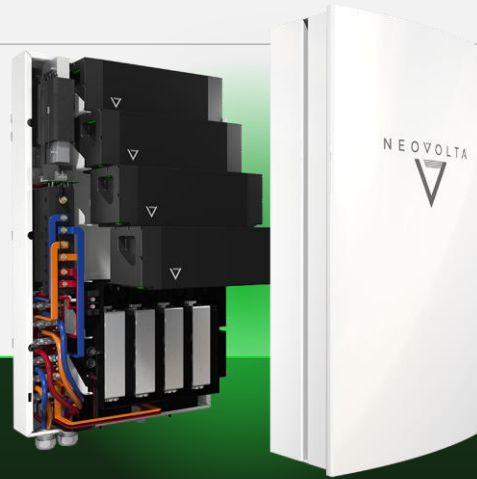
<30-minute installation and scalable storage

FINANCING OPTIONALITY

Third-party ownership model with Luminia in development

NATIONAL EXPANSION

Growing installer and distributor coverage beyond California



NVWAVE

- Modular, stackable 10–15 kWh modules, expandable to 60 kWh
- <30 min installation
- Dual-sourced supply chain
- Commercial launch underway

~\$15B

Residential Storage TAM by 2030

ESTABLISHED RESIDENTIAL PLATFORM

- Established LFP energy-storage products
- Installer and distributor-led go-to-market
- National expansion across California, Texas and Puerto Rico

NVPLUS 10.2



NVPLUS 16



NV7600



NV16KAC



COMPOUNDING MOMENTUM INTO THE RAMP

Leadership, platform, and U.S. cell supply are in place. Near-term catalysts convert that setup into production, binding orders, and Line 2.

2024 – 2025	1H 2026	JUN – AUG 2026	2H26 – 2027 · AHEAD
APR 2024 Ardes Johnson named CEO Former Tesla Energy executive. Leadership reset to take NeoVolta from residential into grid-scale manufacturing. 2025 Residential + NVWAVE Core home-storage volumes grow while the NVWAVE modular platform is developed. 2025 Luminia C&I launched Opens the missing-middle commercial channel with EPC and financing attached. 2024 – 2025 Setup before the plant Leadership, installer channel, and C&I route-to-market were in place before Pendergrass came online.	JAN 2026 NeoVolta Power launched Pendergrass JV stands up domestic utility and C&I BESS manufacturing. MAR 2026 First C&I purchase order Initial PO under the Luminia framework; the C&I channel is live. APR 2026 JV ownership to 80% Restructure plus expanded commercial agreements with LONGi / PotisEdge. MAY 2026 CFO + \$200M utility LOI Jing Nealis, experienced Clean Tech executive, appointed. Infinite Grid LOI for ~1.1 GWh / ~\$200M illustrative supply.	JUN 2026 FEOC compliance confirmed Domestic-content path cleared for 48E-eligible BESS sold from Pendergrass. AUG 2026 SK On collaboration Five-year deal: 9 GWh signed U.S. LFP cells plus a 9 GWh pack-offtake framework -> 18 GWh total collaboration. AUG 2026 Plant commissioning Pendergrass equipment installed, UL certified, and advancing through commissioning into production. AUG 2026 TPO Financing Model Launch Third-party ownership offering designed to reduce upfront homeowner cost and support recurring revenue potential.	2H 2026 Production ramp + NVWAVE First JV revenue from Line 1. NVWAVE commercial launch into the installer channel. 2H 2026 Pipeline-to-Backlog Conversion Advance C&I and utility-scale opportunities toward definitive customer agreements and production schedules. 1H 2027 C&I Platform Launch Launch Pendergrass-built C&I energy-storage systems, supported by Luminia’s EPC and financing capabilities. 2027 – 2028 Line 2 to 8 GWh Pouch line designed around SK On cells. Two-line platform targeting 8 GWh annual capacity in 2028.

RE-RATING CATALYSTS ARE IN PLACE



DOMESTIC MANUFACTURING ADVANTAGE

Experienced U.S. BESS platform backed by proven manufacturing expertise and positioned for FEOC-sensitive procurement



STRATEGIC PARTNERS

LONGi, PotisEdge, Luminia, Infinite Grid Capital and SK On provide manufacturing expertise, supply-chain depth, channel access and early demand visibility



PENDERGRASS FACILITY RAMP ON TRACK

Commissioning and production-ramp activities underway



GROWING INVESTOR AWARENESS

Five equity research analysts now covering NEOV



COMMERCIAL ACTIVITY ACCELERATING

Early C&I and utility-scale demand opportunities



Garage wall to grid scale -
the ramp begins NOW.

EXPERIENCED LEADERSHIP FOR THIS PHASE OF EXECUTION



Ardes Johnson
CEO & Director

Former Tesla Energy executive who helped launch the Powerwall and Powerpack partner-channel programs; former President of Meyer Burger Technology; prior leadership roles at GE Energy, SolarWorld and BAE Systems; U.S. Navy nuclear officer



Jing Nealis
CFO (effective May 2026)

Former CFO of SES AI; 20+ years across energy transition, manufacturing and technology; experience raising capital and scaling operations



Steve Bond
EVP & President, NeoVolta Power LLC

NeoVolta co-founder and former CFO; led the Company through its IPO and NeoVolta Power launch; now leading the Pendergrass ramp



Amany Ibrahim
COO

Former Neubau Energy principal; brings product-development and manufacturing experience to the NVWAVE platform



Thomas Enzendorfer
CTO

Former Neubau Energy principal; leads technology roadmap and cell-level assembly planning

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WHAT'S *AHEAD.*

INVESTOR RELATIONS

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