

POWERING THE FUTURE OF

# Electrification

INVESTOR PRESENTATION

SEPTEMBER 2023

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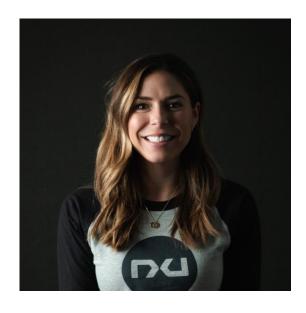
WE ARE NXU™



**Mark Hanchett** FOUNDER / CEO / BOARD CHAIRMAN







**Annie Pratt** PRESIDENT / BOARD DIRECTOR









**Apoorv Dwivedi** 

CHIEF FINANCIAL OFFICER











We are building a future where energy is harnessed in a way that is abundant, accessible and infinite, to make electric mobility viable.



### **Overview**

WE ARE NXU™

A domestic technology company creating EV charging and energy storage solutions for the infrastructure we need to power our electrified future

### **Target Markets**

- Charging Infrastructure Highway Corridors
- Commercial EV Fleets
- Consumer EV buyers

NXU, Inc.		
FOUNDED:	2016	
HEADQUARTERS:	TEMPE, AZ	
MANUFACTURING:	MESA, AZ	
EMPLOYEES:	41	
PATENTS/PENDING:	38	





## **Electrification trends and challenges**

- 1 Electrification is happening now
- However, adoption is slow (especially in commercial markets)

<sup>2</sup> Critical gaps must be addressed

- 18.7 million EV's projected on U.S. roads by 2030(01)
- Many U.S. states have ICE bans in place (CA, MA, NY, WA etc.)
- Only 1% of 250 million registered vehicles in the U.S. are all electric<sup>(02)</sup>
- Current owners primarily early adopters in consumer market
- Minimal adoption by commercial (medium to heavy-duty) segments

KEY DRIVERS | Limited Battery Range & Power Inadequate Charging Infrastructure

- We need charging infrastructure similar in size/scope to gas stations
- We need grid resiliency
- We need infrastructure along major highway corridors
- We need experiences that beat gas stations (amenities, workflows, pullthrough scenarios, fast-charging, high reliability)

INADEQUATE ACESS TO ENERGY IS A BARRIER TO EV ADOPTION



# Nxu<sup>™</sup> solutions designed to address large unmet need: Uncompromised Experience

Critical Need	Current Solutions Inadequate	Current Solutions Inadequate	To be Addressed  By
Charge Time	×	Most level 3 stations are 50kW, requiring EV owners to charge for as long as an hour despite their vehicle's ability to accept faster charging <sup>(01)</sup>	
Locations Along Major Highway Corridors	×	Tesla has partial coverage Others prioritize consumer retail spaces, malls, etc <sup>(02)</sup>	
Energy Storage / Freedom from Grid's Limitations	×	Power availability a limiting factor for Charging.  Reliance solely on the grid can lead to power shortages, especially during peak demand times, impacting the availability of charging stations(03)	
Pull-through Workflow	×	None in USA, preventing towing & hauling use cases (04)	
Reliability	×	Existing charging stations may suffer from frequent downtime.  One study found that more than 25% are non-functional at a time, or derated power due to equipment performance (05)	
Amenities	×	Charging locations often lack essential amenities like restrooms, refreshments, and seating, making long stops inconvenient(06)	

01: National Renewable Energy Laboratory NREL

02: Atlas Policy

03: Wall Street Journal

04: Car and Driver <a href="https://www.caranddriver.com/news/a33918395/towing-electric-pickup-charging/">https://www.caranddriver.com/news/a33918395/towing-electric-pickup-charging/</a>

05: Elektrek



# Massive Addressable Market & Strong Government Support

**Vehicles In Operation** 

Total Addressable Market

Serviceable Addressable Market

**Share of Market** 

48 million

EV's projected on U.S. roads by 2030(01)

230 TWh

Energy demand for all EV's in the U.S. (1)

1.2 million

Public fast chargers needed in the U.S.

1900

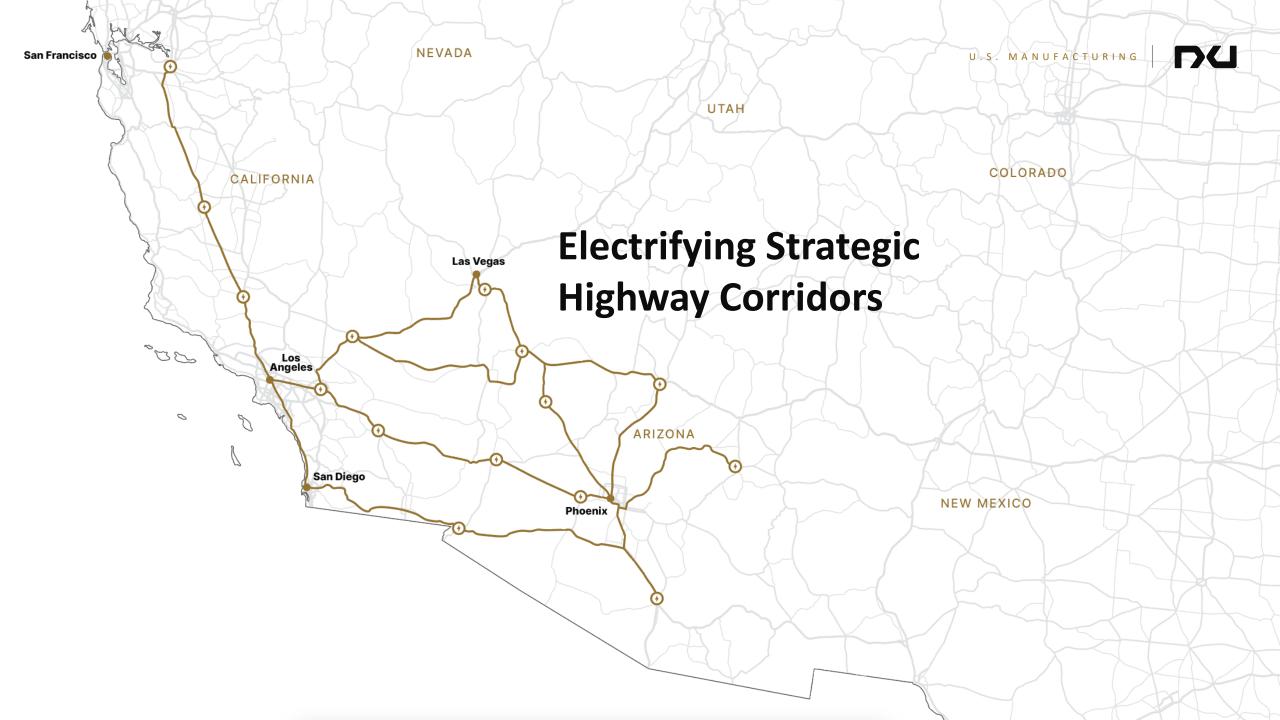
Nxu's target market share of public fast charging by 2030

\$5B

allocated via Bipartisan Infrastructure Law to National Electric Vehicle Infrastructure (NEVI) formula grant program through 2026<sup>(02)</sup>

\$17B

allocated via Bipartisan Infrastructure Law to Department of Energy Advanced Technology Vehicles Manufacturing Ioan program<sup>(02)</sup>









**Announce** 1st Location.



Generate Revenue with Field Trials.



Break Ground on 1st Location.

Open 1st Location.



Deploy
More
Chargers.







## **Staged Site Evolution**

DE-RISKS DEPLOYMENT AT EVERY STEP AND ADDS INCREMENTAL VALUE WITH EACH STAGE OF SITE DEVELOPMENT



#### **Phase 1: Experience Boxes**

- Low upfront cost
- Low volume, manual builds
- Minimal infrastructure & construction cost
- Generates revenue

#### **Phase 2: Nxu Pedestals**

- Production-level design
- Decreased cost per unit
- Designed to last 10+ years
- Multiple chargers per site increase revenue-generation per site

#### Phase 3: Nxu Quad<sup>(01)</sup>

- Ideal user experience that takes advantage of a captured audience (waiting to charge)
- Maximized revenue potential of site

01: image depicted is conceptual and not representative of final design



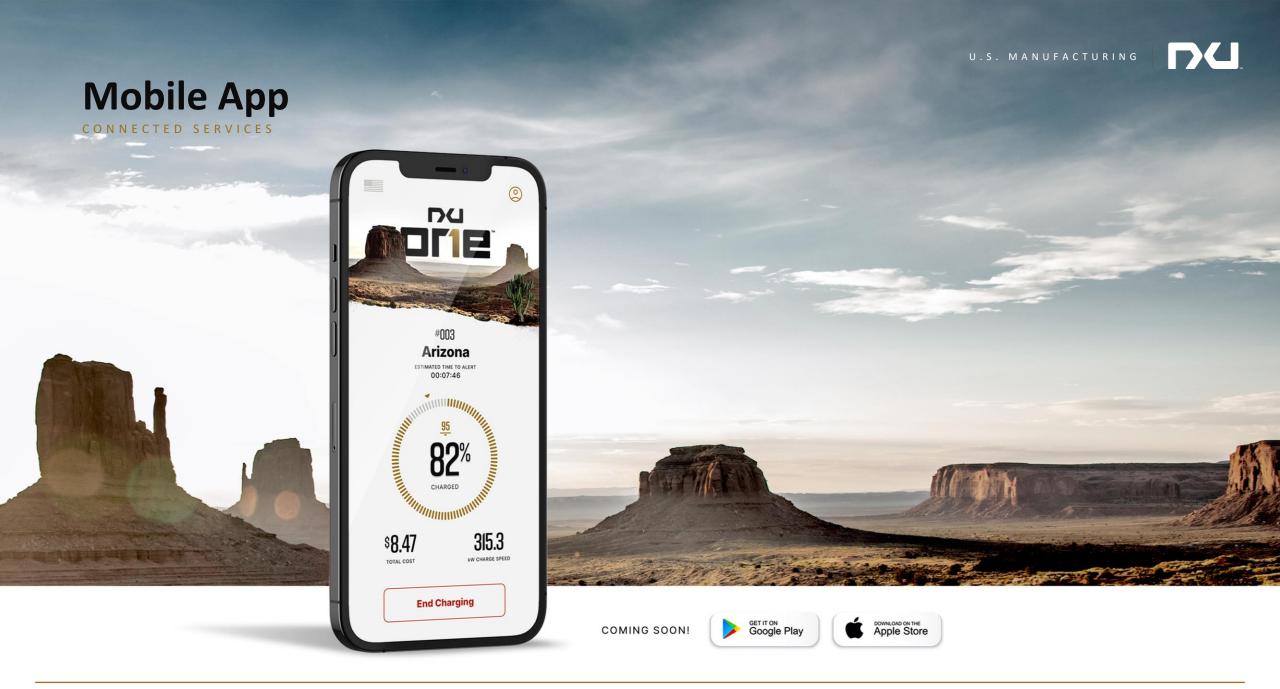
## **Patented Game-Changing Technology** & Unprecedented Charging Experience



## **Universal Design**

STANDARD AGNOSTIC, COMPATIBLE WITH

THE ONLY DUAL TECH SOLUTION SUPPORTING DC UP TO 1.5MW





# Attractive Business Model Charging as a Service

PLANNED RECURRING REVENUE BUSINESS MODEL AIMS TO DRIVE ADOPTION

	Near-Term Model	Long-Term Model Recurring Revenue  Becomes viable upon successful electrification of major highway routes Incremental revenue opportunities through ancillary services
Commercial Fleets	S PAY FOR USAGE	SUBSCRIPTION ACCESS TO CHARGING NETWORK
Consumer EVs	S PAY FOR USAGE	SUBSCRIPTION ACCESS TO CHARGING NETWORK

NXU OWNS & OPERATES CHARGING NETWORK ALONG MAJOR HIGHWAY CORRIDORS



## **Strong Leadership Team & Board**

SOLVING COMPLEX CHALLENGES WITH TECHNOLOGY THAT MAKES A LASTING IMPACT

#### LEADERSHIP TEAM



Mark Hanchett Founder / CEO Board Chairman



**Annie Pratt** President & **Board Director** 



**Apoorv Dwivedi** Chief Financial Officer



Jordan Christensen Chief Legal Officer



Kate Sieker VP of People



Srinivas Jasthi VP of Software



Sarah Wyant VP of Finance

- Seasoned and established leadership team with years of tech and category skills
- Experienced innovators and disruptors of tried industries



Honeywell

😑 CAR**VANA Shutterfly**.





amazon





















#### BOARD OF DIRECTORS

Mark Hanchett

Founder / CEO / Board Chairman

**Annie Pratt** 

President / Board Director

**Britt Ide** 

Independent Board Director

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**Caryn Nightengale** Independent Board Director Jessica Billingsley Independent Board Director



NXU, INC.

## **Thank You**



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