

POWERING THE FUTURE OF

## Electrification

NORTHLAND INVESTMENT CONFERENCE
INVESTOR PRESENTATION

SEPTEMBER 2023

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## **Here Today**

WE ARE NXU™

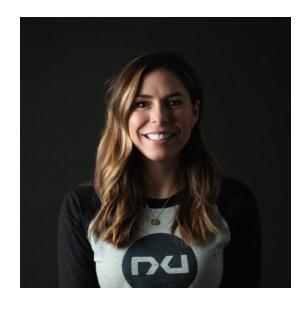


**Mark Hanchett** FOUNDER / CEO / BOARD CHAIRMAN



▲AXON Honeywell ASJ





**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 (02)
- 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 (01)	
Locations Along Major Highway Corridors	×	Tesla has partial coverage Others prioritize consumer retail spaces, malls, etc(02)	
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(05)	

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.(01)

#### 1.2 million

Public fast chargers needed in the U.S.(01)

#### 1900

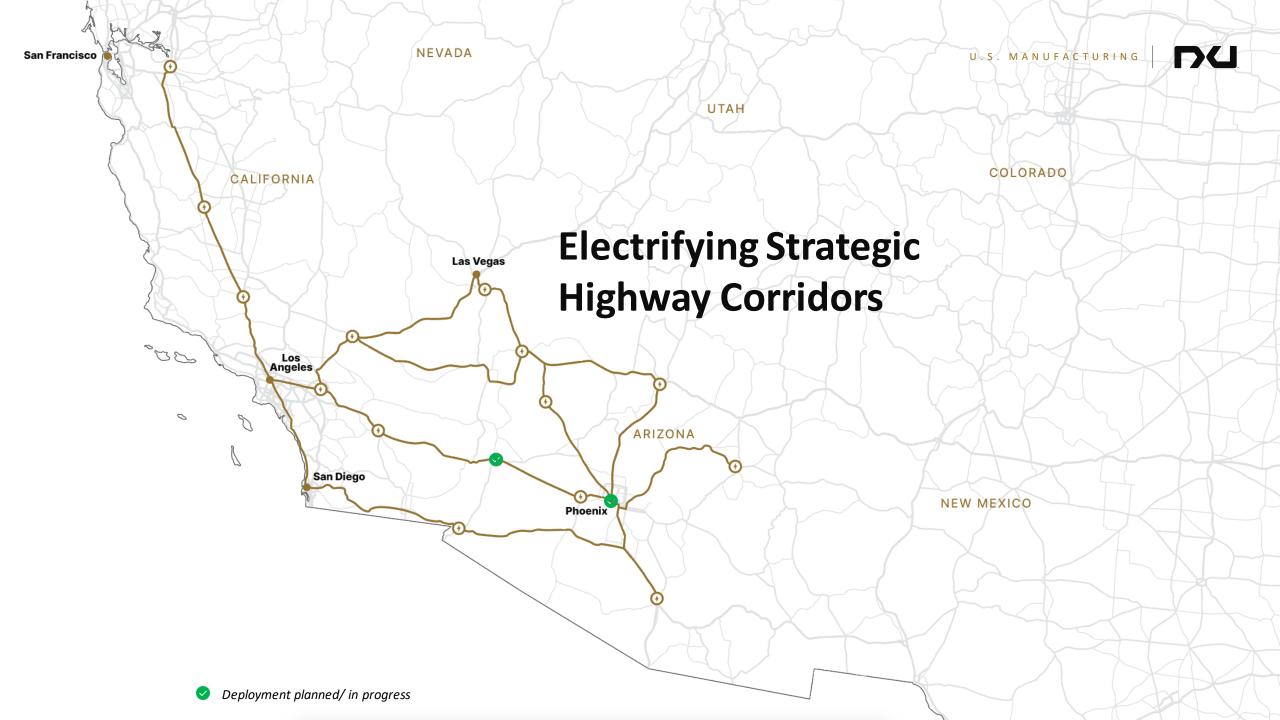
Nxu's target market share of public fast charging by 2030

\$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>













**Field Trials.** 



Break Ground on 1st Location.

Open 1st Location.



10

Deploy
More
Chargers.

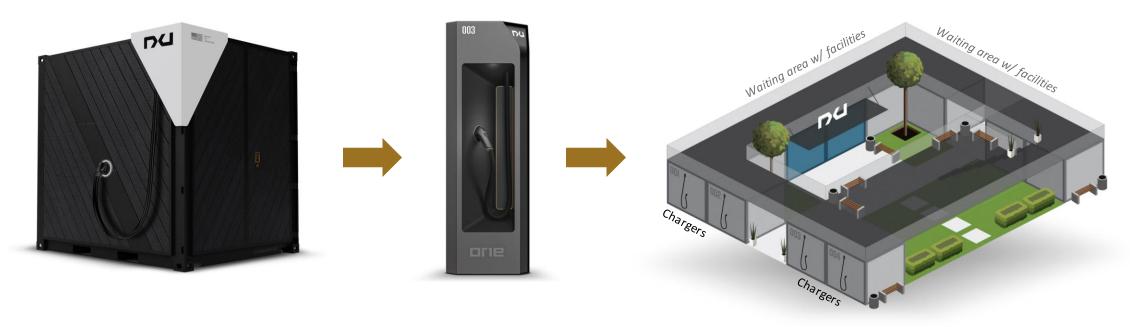






## **Staged Site Evolution**

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

POSITIONS NXU WITH FIRST-MOVER ADVANTAGE



### 1.5+ megawatt changing

## **Universal Design**

STANDARD AGNOSTIC, COMPATIBLE WITH NACS, CCS, AND NXU ONE

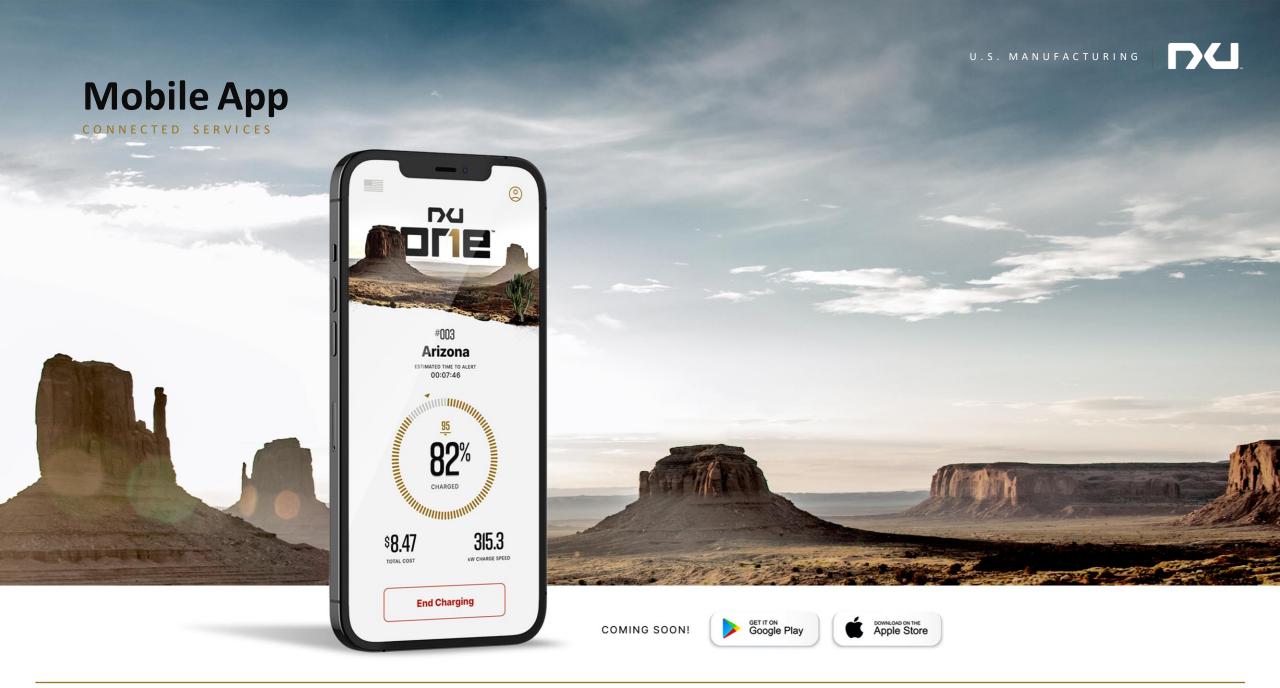




NACS TESLA CCS

DC, AC, MULTIPHASE, & BIDIRECTIONAL

THE ONLY DUAL TECH SOLUTION SUPPORTING DC UP TO 1.5 MW AND AC UP TO 50 KW 3-PHASE CHARGING





# Attractive Business Model Charging as a Service

PLANNED RECURRING REVENUE BUSINESS MODEL AIMS TO DRIVE ADOPTION

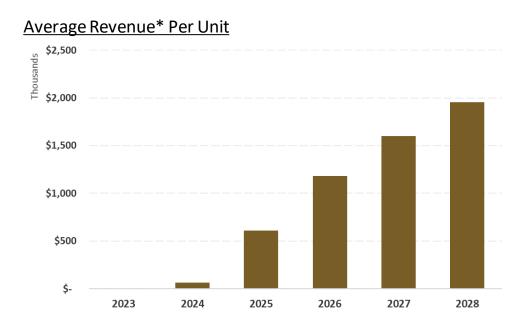
	Near-Term Model	Long-Term Model  Recurring Revenue  Becomes viable upon successful electrification of major highway routes Incremental revenue opportunities through ancillary services
Commercial Fleets	S PAY FOR USAGE	SUBSCRIPTION ACCESS TO CHARGING NETWORK
Consumer EVs	\$ PAY FOR USAGE	SUBSCRIPTION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

NXU OWNS & OPERATES CHARGING NETWORK ALONG MAJOR HIGHWAY CORRIDORS



## **Unit Economics – Charging as a Service**

PLANNED RECURRING REVENUE BUSINESS MODEL AIMS TO DRIVE ADOPTION





	2023	2024	2025	2026	2027	2028
Revenue / Site ('000)	\$ 0.0	\$ 64.0	\$ 612.4	\$ 1,181.0	\$ 1,601.6	\$ 1,956.1
Total Sites	1	4	8	16	48	120
# Charging Pedestals / Site	1	5	13	19	22	22
Utilization Rate	1%	6%	10%	13%	15%	18%
Gross Margin / Site ('000)	\$ (44.6)	\$ (70.2)	\$ 89.6	\$ 462.7	\$ 847.4	\$ 1,148.5

\$(200)



## **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











DAIMLERCHRYSLER



⇒ B∧SEL∧YER





Cox Automotive™









BOARD OF DIRECTORS

Mark Hanchett

Founder / CEO / Board Chairman

Annie Pratt

President/Board Director

**Britt Ide**Independent Board Director

Caryn Nightengale Independent Board Director Jessica Billingsley
Independent Board Director



NXU, INC.

## **Thank You**



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