



QUASARTM ENERGY SYSTEMS

MOBILE. STORAGE. RE-USE

Investor communication

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The Facts:

As of 2024, the mobile energy and storage industry solutions are still dominated by internal combustion engines powered by fossil fuels. The industry is slow to respond and adapt to the fast changing new technologies.

The world demands a *clean, quiet* and *cost effective* mobile energy and storage solution...



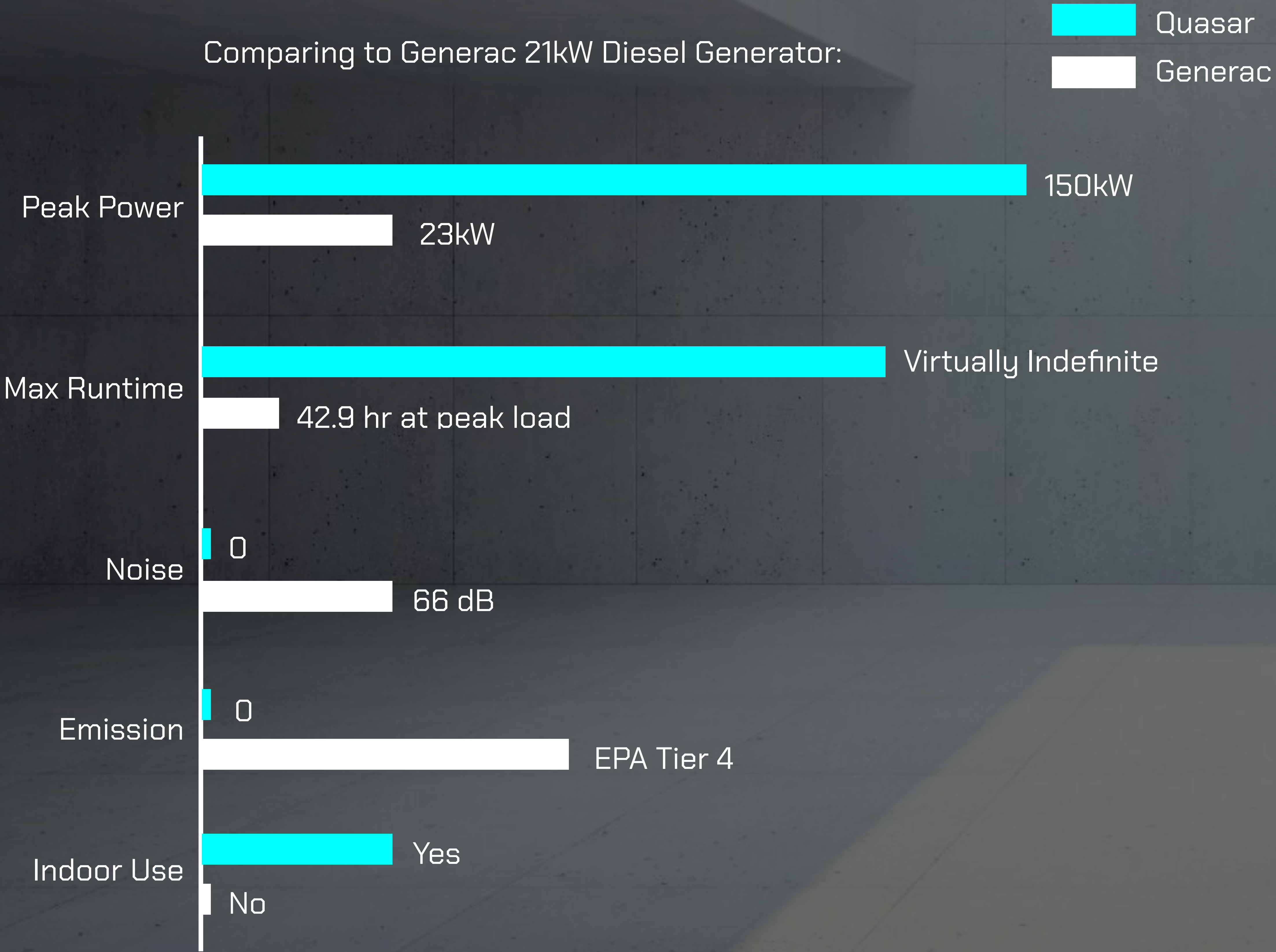


Our Strategies.

- _ Become a mobile extension of the electric grid. Move energy to locations not reached by the infrastructure.
- _ Infiltrate and eliminate power generations by internal combustion engines.
- _ Reuse and repurpose batteries from automotive industries.

MOBILE 500™ [Launching Product]

Comparing to Generac 21kW Diesel Generator:



Tow Behind Mobile Power Unit Tech Specs:

Capacity	Peak Power	DC charge Time	Frequency	Weight	Max Phase Current (480V)
500 kWh	150 kW	15Hr	60Hz	8,000 LB	100A @ 3P



THE HAB™

Whole Resident Power Back Up

7 Day Power

Solar Integration

Electric Car DC Faster Charger

350 kWh [26 x More Energy than Tesla PowerWall]





N PLUS ONE™

Factory and Facility Power Back Up System

N + 1 Configuration

Sodium Ion and Vanadium Redox Battery

Smart Grid Integration

Day -1 Egress Illumination before Occupancy

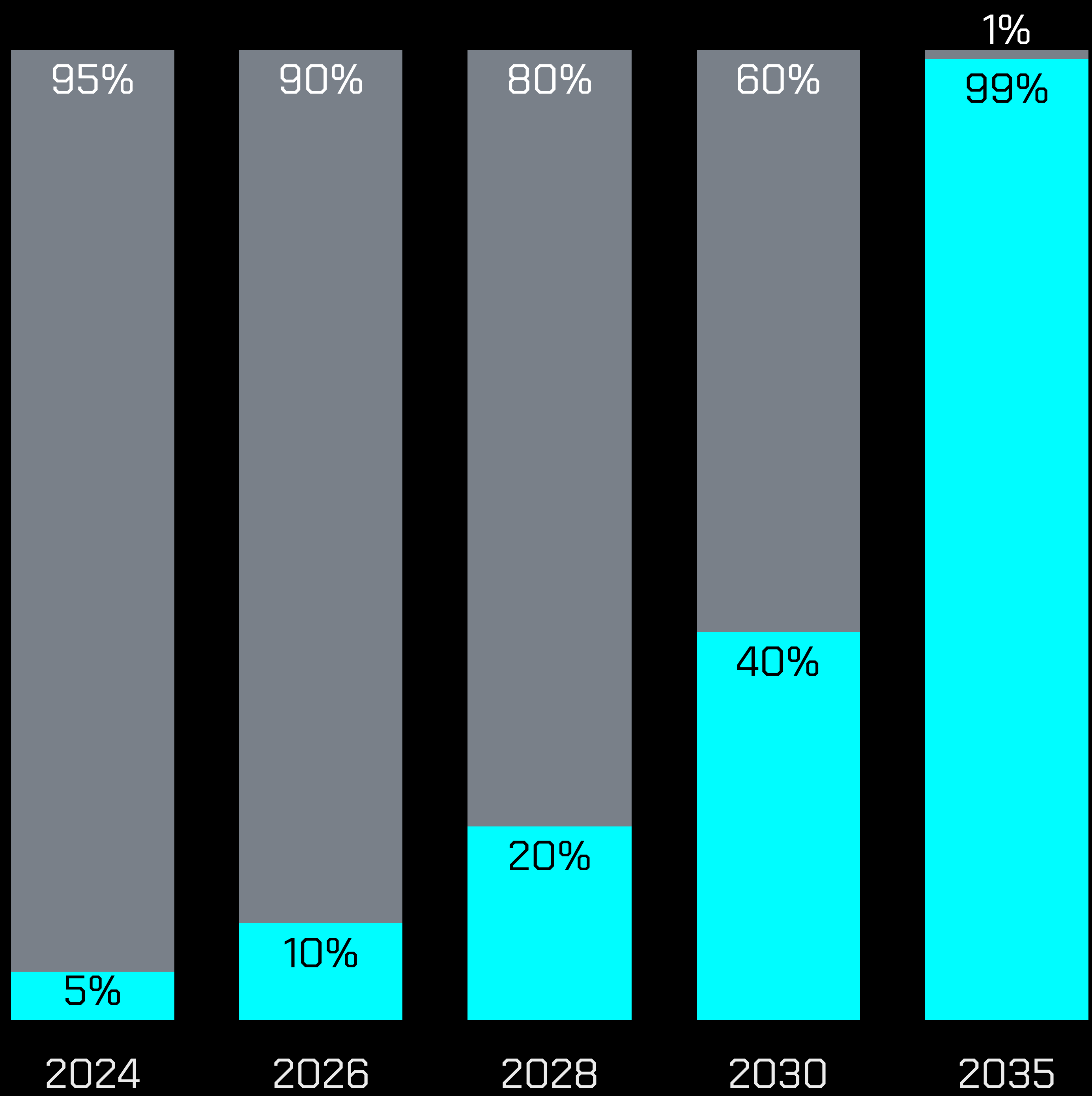


A GROWTH MARKET

For Mobile and Storage Power Units

\$50 Billion Global
Market by 2030

Fossil Fuel PoweredBattery

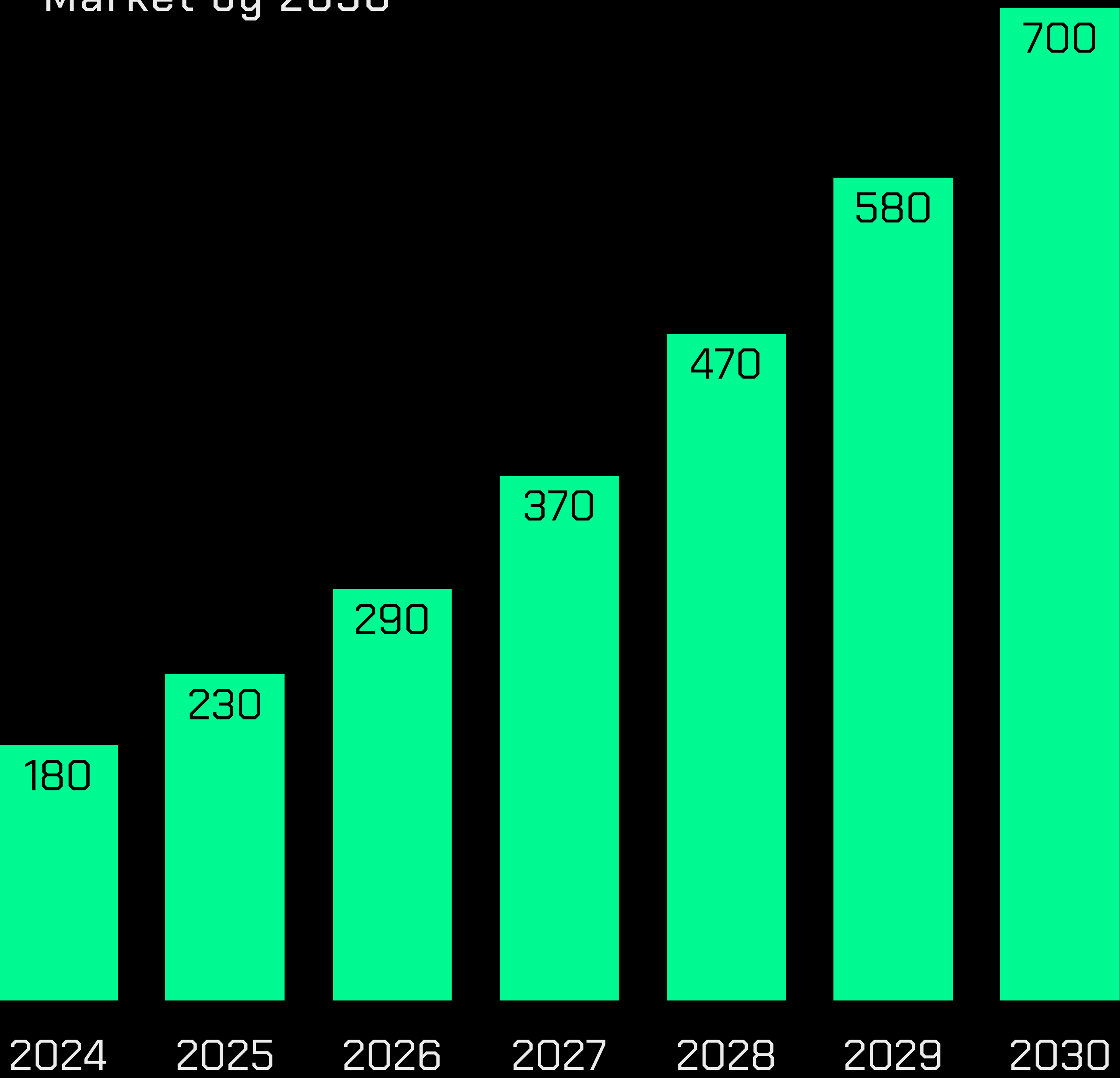


Mobile Units Market Share Goal

<https://www.fortunebusinessinsights.com/industry-reports/generator-sales-market-100492>

Annual Added Battery Energy Storage system (GWh)

\$150 Billion Global
Market by 2030

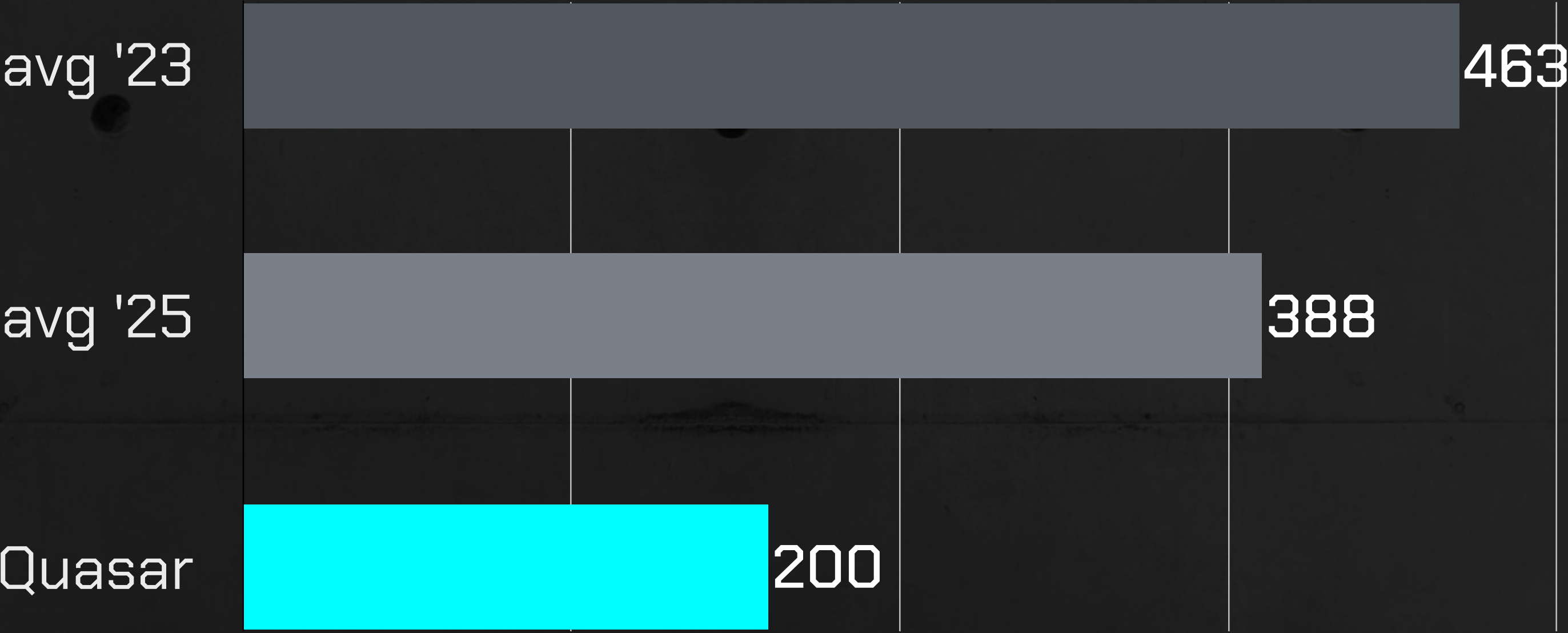


Energy Storage Units

Source: McKinsey Energy Storage Insights BESS market model
<https://www.mckinsey.com/industries/automotive-and-assembly/our-insights/enabling-renewable-energy-with-battery-energy-storage-systems>

OUR ADVANTAGE

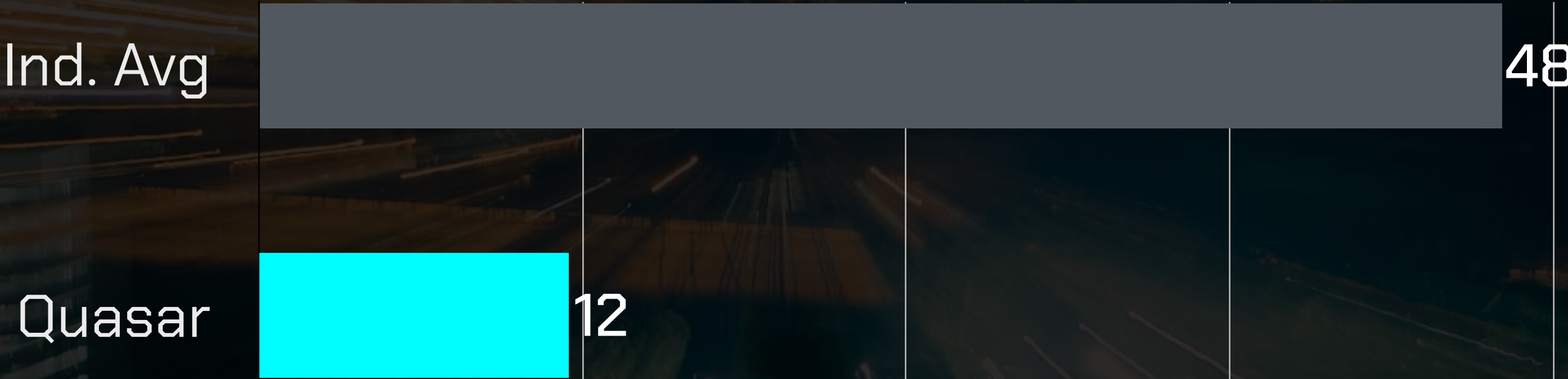
Utility-Scale Battery Storage Cost (\$/kWh)



* DATA: Technical Report, NREL/TP-6A40-85332, June 2023

COST

Design, Develop, Deploy - Cycle (months):



SPEED

Innovative Business Operation:

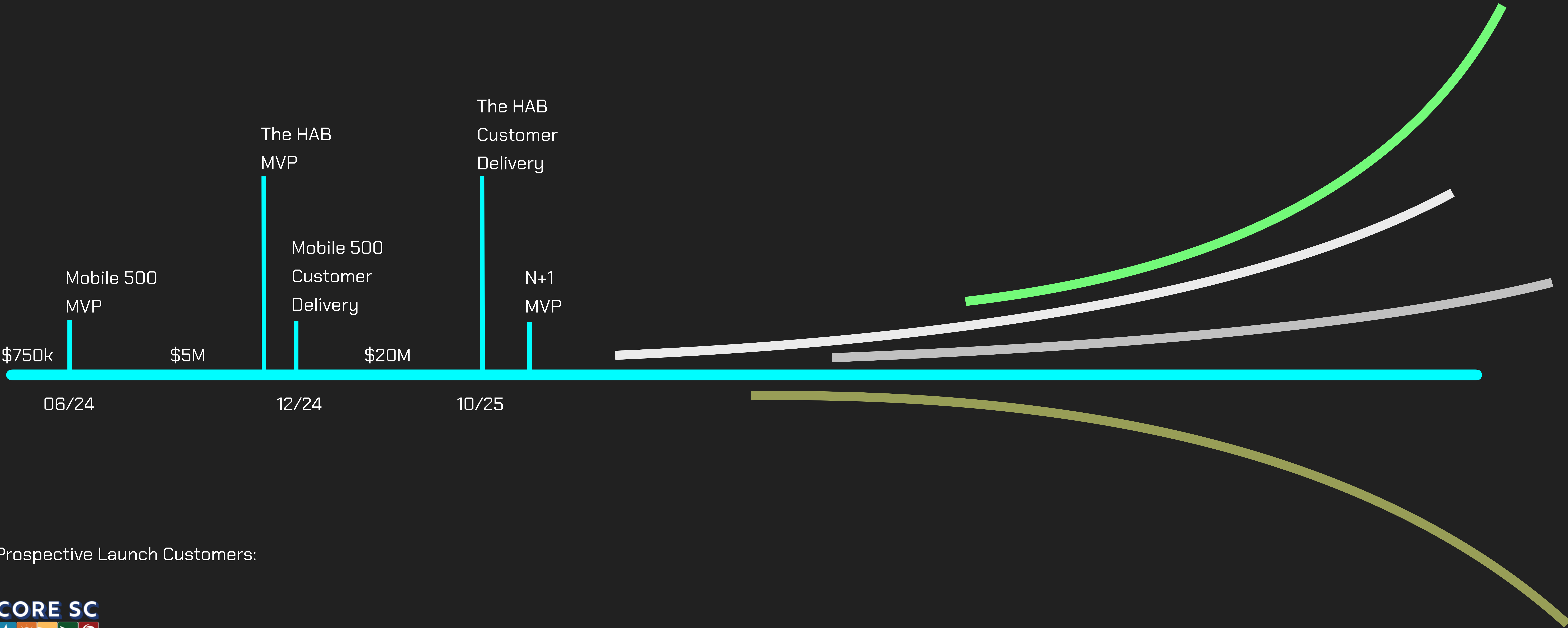
- _ Zero Marketing cost
- _ Zero Management cost
- _ Zero Cooperate BS

Innovative Technology deployment:

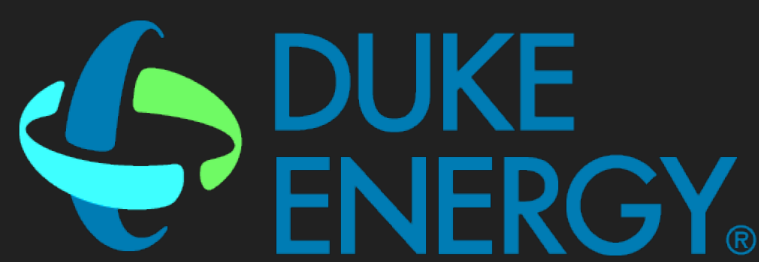
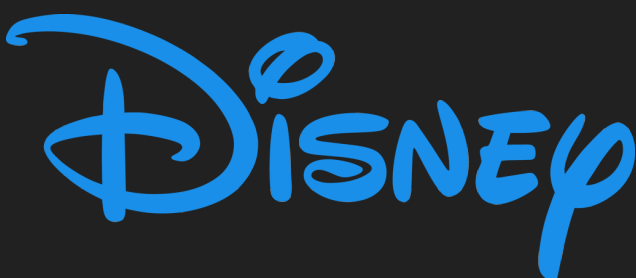
- _ Fast Pilot Testing Program for Novel Solutions
- _ Modular and standardized components for adaptability
- _ Commodity approach for energy storage materials
- _ Reuse and Re-purpose trickle down tech from other industries

INNOVATION

THERE IS NO TIME TO WASTE...



Prospective Launch Customers:



THE PEOPLE WHO MAKE THINGS HAPPEN



Dale Hill
Proterra Inc.
Founder
Pioneer of Clean Energy



Con Williamson
EP+Co
Marketing Guru



Jeff Zhang, PhD
Clemson University
Professor
Battery and Energy
Management



Michael Feng
Automotive Engineer
Economist
Industrial Designer



Trent Dingman
Entrepreneur
Project Manager
Team Developer



QUASAR[™] ENERGY SYSTEMS

We Are Committed to the New Energy Future