



**Sustainable Technology Innovations for  
EV Charging, Energy Storage, Energy Security and Outdoor Media**

Beam Global Corporate Presentation

March 2022

# Forward Looking Statements Disclaimer

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# Company Snapshot

## Who we are

- San Diego and Chicago based sustainable technology innovation company
- Nasdaq: BEEM, BEEMW
- 86 employees

## What we do

- Invent, patent, design, engineer, manufacture and sell innovative, sustainable products and technologies for electric vehicle (EV) charging, energy storage, energy security and outdoor media
- We sell to government entities, fleets, corporations, auto/e-mobility OEMs, maritime and aviation OEMs
- Room for 20X growth in our current facility

## Why we do it

- The world will need tens of millions of EV chargers and clean mobility options in the next couple of decades
- Outdoor media is the third fastest growing advertising medium
- Electricity supply vulnerability is one of the greatest threats to our way of life – weather, terrorism, capacity
- Traditional grid-tied infrastructure is too expensive, disruptive and time consuming

## Who we compete against

- No direct product competitor for our EV charging platforms (and good patents)
- Advanced patented technology in our energy storage solutions business
- Our technology solution (product) replaces the ecosystem of traditional service providers required to install grid-tied infrastructure - general and electrical contractors, engineers, consultants, building departments and their trenches, concrete, wiring, delays and soaring costs (project)

## Financial condition

- Clean cap structure. Clean balance sheet – no debt
- 4 years of cash
- Trading on Nasdaq BEEM, BEEMW

**BEAM**



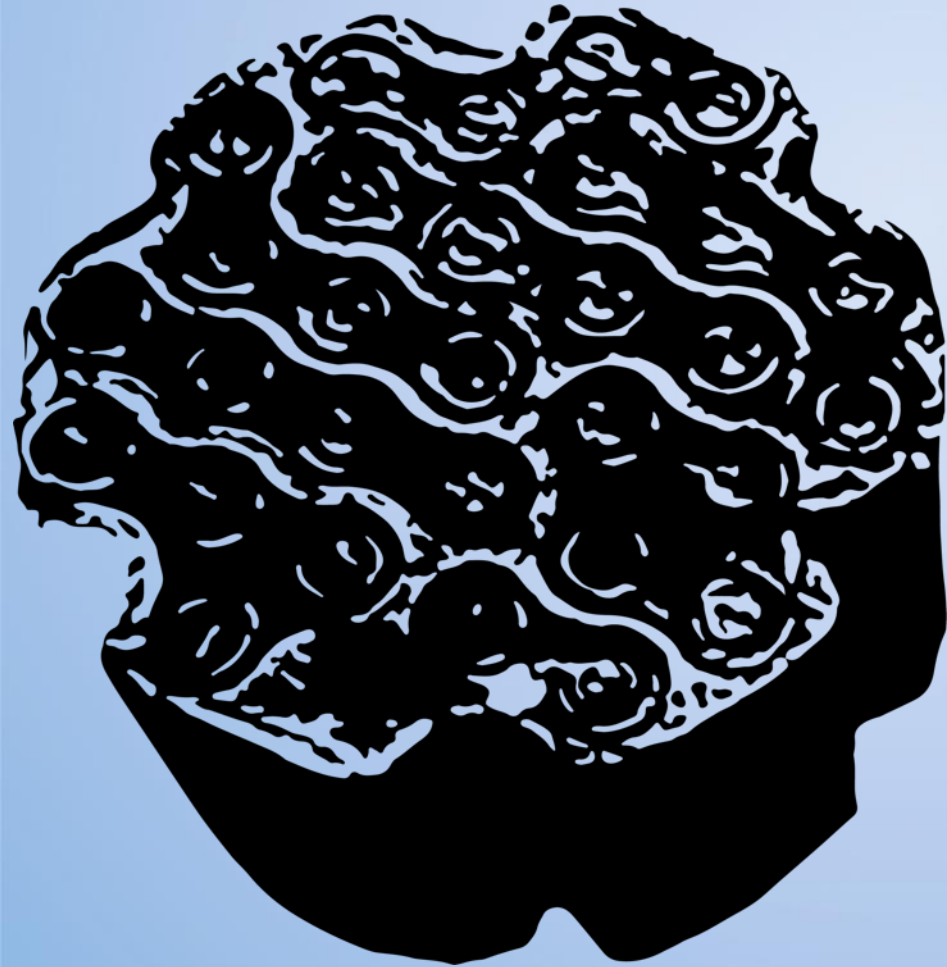
Clean Mobility For All

**Lead the World to Clean Mobility**



# Beam Global Acquires AllCell Technologies

## Leader in Advanced Energy Storage Solutions



- Beam Global is now the only EV charging infrastructure company with a proprietary energy storage solution
- Increase and diversify revenues and gross profits
- Significantly reduce cost of goods sold (COGS)
- Enhance foundational intellectual property portfolio
- Secure Beam Global's vital battery supply chain
- Accelerate product development cycles
- Combine customer facing roles and outreach
- Add new customer segments
- Increase barriers to entry for future competition
- Enhance Beam's position as a leader in the green economy

[Interview with Beam Global CEO Desmond Wheatley on the Acquisition of AllCell Technologies](#)

[Interview with Beam Global CEO Desmond Wheatley on the Acquisition of AllCell Technologies](#)

# Key Metrics

Beam Global	
TICKER	Nasdaq: BEEM, BEEMW
RECENT PRICE	\$16.99 (as of 03/09/22)
MARKET CAP	\$171 Million
SHARES OUTSTANDING	10 M (as of 03/09/22)
52-WEEK RANGE	\$10.19-\$50.39 (as of 03/09/22)
FY END	Dec 31
EMPLOYEES	86
HEADQUARTERS	San Diego, CA



# Key Metrics

Beam Global <small>(as of 9/30/2021)</small>	
<b>CASH</b>	<b>\$23 M</b>
<b>WORKING CAPITAL</b>	<b>\$25 M</b>
<b>DEBT</b>	<b>\$0</b>



# The Products We Make and Sell



**EV ARC™**  
(patented)

World's only transportable, solar-powered, permanent, EV charging solution

Generates and stores all its own power. Easy and rapid deployment.

Transportable but permanent

Networked



**SOLAR TREE®**  
(patented)

For Medium and Heavy-Duty Vehicles

Generates and stores all its own power. Easy and rapid deployment.

Networked



**EV Standard™**  
(patented, in development)

Streetlight replacement, uses existing grid connection, solar and light wind generator. On board storage.

Provides meaningful curbside charging without heavy construction or electrical work.

Networked

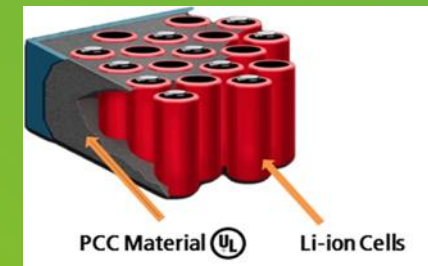


**UAV ARC™**  
(patented, in development)

Drone recharger with solar, wind and storage

Generates and stores all its own power. Easy and rapid deployment.

Creates a network for charging and IoT fleet monitoring



**Beam AllCell™**  
(multiple patents)

Bespoke storage solutions

Powers micro mobility, terrestrial EVs, aviation, maritime and recreational vehicles

Powers stationery and energy security applications



## We Win No Matter Who Wins or Loses in EVs or EV Charging

- Charge any brand or class of EV
- Power any brand of EV charger
- No permitting
- No construction
- No electrical work
- No utility bill
- No vulnerability to blackouts



# WE CHARGE ANY TYPE OF VEHICLE

Bigger TAM than typical EV charging company as a result



## Fastest Deployed, Most Scalable EV Charging Infrastructure

- NYC – 24 months for grid tied charger
- CA – 18 months for grid tied charger
  
- Beam – 4 minutes for the same charger



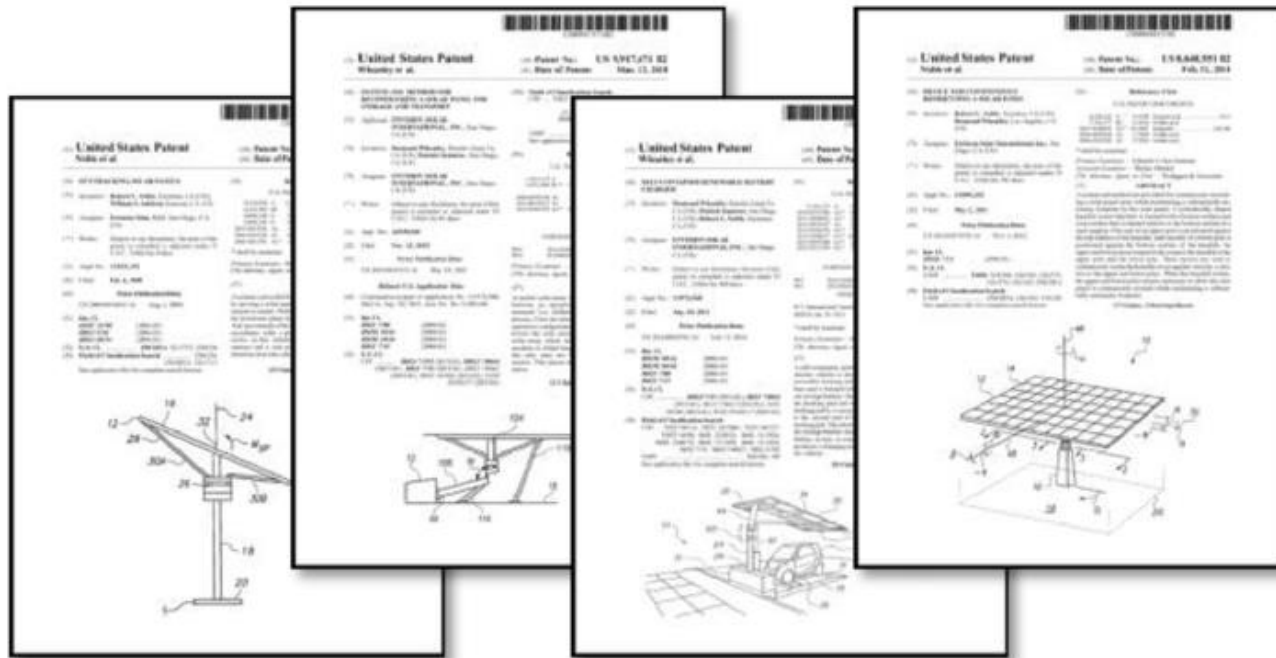
# Beam AllCell™

## High Performance Energy Storage Solutions

- Highly flexible battery platform architecture
- Patented thermal management technology
- Battery pack formats optimized for each product's unique attributes
- Ideally suited where energy density, safety and bespoke enclosures require high power in small spaces
- Drones, aviation, maritime, recreational products and a host of micro mobility and EV products



# The Products - IP Protection = Barriers to Entry



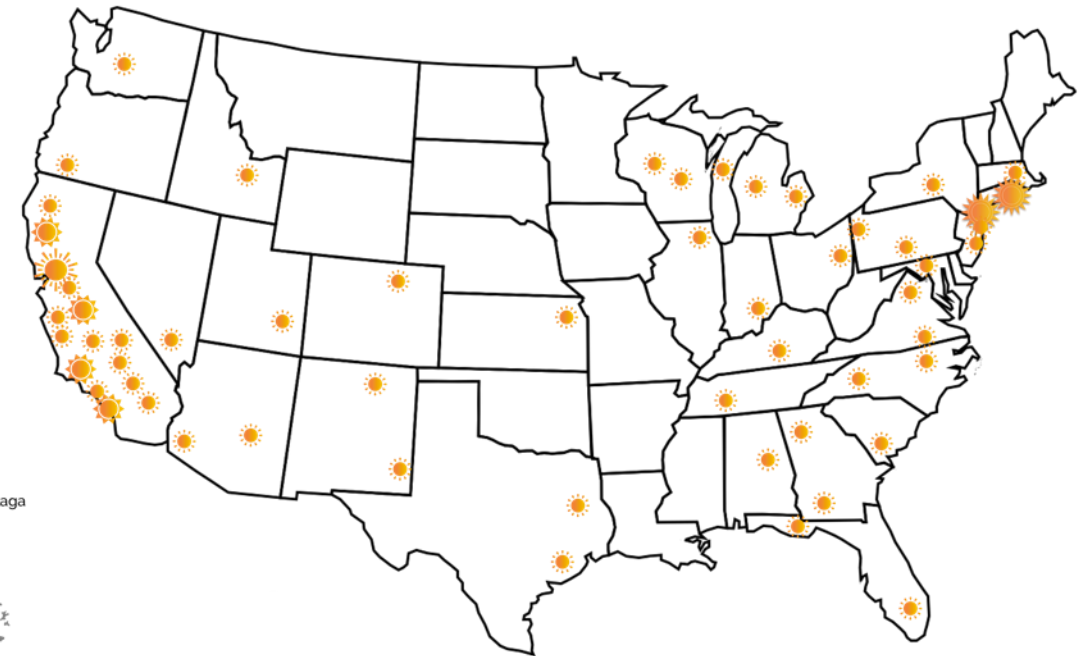
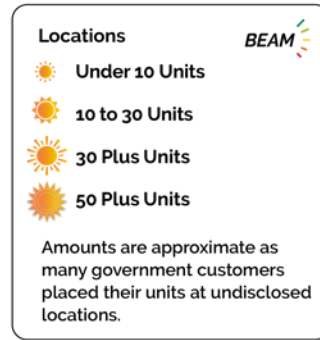
Example Beam Global patents



New AllCell patents

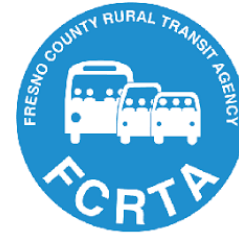
# Hundreds of Beam Products Across US and Int'l

- Municipalities
- Fleet Operators
- State Agencies
- Public Charging
- Businesses
- Workplace Charging
- Federal Government
- Military



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# Select Clients



# And now including

Beam Global Receives First U.S. Marine Corps Order for EV ARC™ Off-Grid EV Charging and Energy Resiliency Systems for 14 Bases





# Inorganic Growth Plans

We are actively seeking opportunities to expand

- International expansion
- Accretive technology
- Complimentary offerings
- Cross Pollination

Anywhere Clean Energy and Transportation intersects



# Why We Do EV Charging

## Ford reveals new electric F-150 Lightning pickup during Biden's visit to Michigan plant

PUBLISHED TUE, MAY 18 2021 1:51 PM EDT | UPDATED 2 HOURS AGO

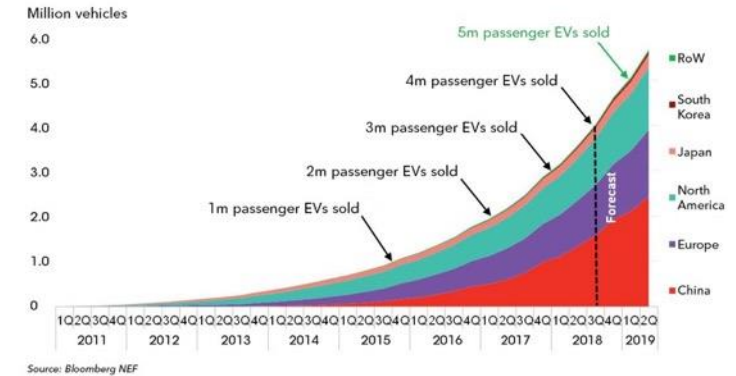


Michael Wayland  
@MIKEWAYLAND

SHARE    



Figure 3: Cumulative global passenger EV sales, current and forecast



- Ford unveiled its new electric F-150 Lightning pickup Tuesday during a visit by President Joe Biden to the Michigan plant that will produce the vehicle.
- The highly anticipated vehicle resembles the automaker's current F-150 but has some unique exterior styling details.
- Ford declined to release additional details about the vehicle ahead of its official public reveal at 9:30 p.m. EDT Wednesday.

# Why We Do Outdoor Media

- Announced World's First Driving on Sunshine Network
- Industry seeking “new new” platforms
- Recurring revenue business model
- Sponsors pay for branding
- Partner with outdoor media companies
- Leverage others national sales teams, relationships
- Revolutionize fueling transaction
- Create catalyst for industry growth
- Own the “watering hole”



# Why We Do Energy Security

- Grid interruptions cost US businesses around \$200B a year
- Grid vulnerability is increasingly viewed as a strategic vulnerability by the US military.
- The global back-up power market is expected to total \$19.39B in 2021, growing at a CAGR of 4.6% from 2017 to 2021
- Government fleets that are electrified will need a source of power that is not vulnerable to grid interruptions to avoid grounding their fleets
- EVSI customers like NYC are buying EV ARC™ products as a hedge against blackouts.



Video of News Coverage  
**EV ARC Redeployed for COVID Test Site**

<https://youtu.be/YB2V9WSv0QQ>



# Recent Developments



Beam Global Receives \$2.4 million Order from SparkCharge for its AllCell™ Battery Products



California EV deal could pave way for a "Strategic Electric Reserve" and grid security

By K. Dalton Adams in Innovation 5 on May 20, 2021, 9:00 AM PST

The Golden State has ordered 52 solar-powered electric vehicle charging units that can support first responders during emergencies, power state fleets and more.



TechRepublic

BEAM

electrek

Electrify America to deploy 30 off-grid, solar EV chargers in rural California communities

Feb. 27th 2020 8:00 am ET



VOLVO PARTS

Volvo Construction Equipment & Services, Inc.

from CalContractor - 2021 Compact Equipment Construction by CMS



Integrating Compact Electric Construction Equipment in California

Robb Report

TS AVIATION WATCHES STYLE HOME FOOD & DRINK TRAVEL

MOTORS / AVIATION

## This Electric Plane Just Took a Round-Trip, 220-Mile Flight on Solar Power

The Pipistrel Alpha Electro hoppedscotched to four local airports, where it was met by a mobile, solar-powered unit to recharge its batteries.

By MICHAEL VERDON



Courtesy Beam Global

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RENEWABLE ENERGY MAGAZINE

pv

## Beam provides EV ARC unit for Georgia Power at Atlanta race event

Wednesday, 14 October 2020



Robin Whitlock  
Sustainable EV charging company **Beam Global**, formerly known as Envision Solar before a high-profile rebrand, has announced the deployment of its EV ARC 2020 charging unit for Georgia Power at the 23rd Annual Motul Petit Le Mans event at the Michelin Raceway Road Atlanta.



EARTH DAY

## SD Mayor Announces Program to Fuel City's Electric Vehicles With Solar-Powered Charger

The city will test the \$155,000 charger for six months to determine if it would like to keep the program at the end of the timeframe.

By Karla Rendon-Alvarez and Audra Stafford - Published April 22, 2021 - Updated on April 22, 2021 at 6:27 pm



PROGRAM

11:09 56'



SanDiego.com

beginning of a pilot program involving a solar charger for the city's electric vehicles.

## Beam Global Team Up to Offer Free EV Sponsored Stations

Related



Nov 21, 2020  
Beam Global, City of San Diego Team Up to Bring Free EV Charging to Public



# What Our Customers Say



## Baltimore Gas and Electric

"We see a unique opportunity to integrate the EV ARC into our strategy for providing charging solutions to our operators, including the ability to expand charging in remote locations or where on-grid chargers have yet to be installed. The fact that the product is transportable with a 100% renewable power source is an added benefit that supports our commitment to environmental stewardship and decarbonization," said Liz O'Connor, BGE's vice president of support services. "BGE is focused on bringing EV chargers to the region to help spur the adoption of electric vehicles. We are also working hard to electrify our fleet with a goal of having 50 percent of our fleet electric by 2030. Technologies like the EV ARC will help us as we work to achieve both these goals."

## City of Richmond

"We chose the EV ARC because it is an off-grid solar-powered charger, which saves the City installation construction costs, generates no utility bills and can be relocated as needed," said Denée Evans of the City of Richmond Transportation Services Department. "The addition of the EV ARC complements our 'First Mile Last Mile' strategies to increase access and transportation connectivity. The unit is also part of the City's emergency preparedness and energy resiliency planning. It will serve double duty as a source of electricity during power outages, particularly important with the upcoming Public Safety Power Shutoffs that have become a seasonal fire prevention norm in the Bay Area."

## Envoy (car sharing)

"Envision's solar EV ARC product allows us to provide the ultimate emissions free driving experience powered by the Sun," continued Mr. Ohana. "All without the costs and time of construction or the cost of a utility. This month, we're excited to launch an all-solar powered car-share program with Envision, in partnership with the Los Angeles Cleantech Incubator, The Housing Authority of City of Los Angeles, and Pacoima Beautiful, servicing disadvantaged communities."

## City of San Luis Obispo

"The City of San Luis Obispo is excited to add the EV ARC solar powered charging station to fuel our fleet vehicles with emissions free energy that will still be available to us during grid outages," said Chris Read, Sustainability Manager for the City of San Luis Obispo. "We needed a City Hall location but it would have been disruptive and expensive to install in-ground chargers. The EV ARC arrived just a few days after we ordered it and required no construction or disruption to our civic center area."

## CALTRANS

"These locations now provide EV drivers access to renewably powered DC fast charging stations," said Caltrans District Sustainability Manager Aileen Loe. "With over 650,000 zero-emission vehicles on the road in California, the installation of these stations at strategic locations on the state highway system will allow the public to travel with greater ease, convenience and zero tail-pipe emissions."

## City of Madison



"Sustainability is a primary driving force for the City of Madison and why we continue to expand solar-powered EV charging technology in our City," said Mahanth Joishy, Fleet Superintendent for the City of Madison. "Because Envision's EV ARCs can be moved, have emergency power panels that can be used during a grid-failure and require no construction to deploy, we are able to provide EV charging and

disaster preparedness quickly and simply and with a low risk and low total cost of ownership. We now have units for fleet access so City EV drivers can drive on 100% clean energy."

## City of Charlotte

"The City of Charlotte is excited to add sunshine as a reliable energy source for our transportation needs," said Steve Gucciardi, Environmental Services Project Manager for the City of Charlotte. "In addition to free EV charging for our citizens, the EV ARC solar charging stations make a visible sustainability statement. We plan to occasionally relocate them for special events, but they will primarily live by our award-winning Fire Department headquarters."

# Recent News



California State DMV Purchases Fifteen Beam Global EV ARC™ Off-Grid EV Charging Systems

October 19, 2021



Beam Global Announces Record Contracted Backlog of More Than \$7M and Pipeline of More Than \$75M

October 12, 2021



Beam Global Receives First U.S. Marine Corps Order for EV ARC™ Off-Grid EV Charging and Energy Resiliency Systems for 14 Bases

October 7, 2021



City of Torrance CA Deploys Beam Global EV ARC™ Off-Grid EV Charging System for City EV Fleet Charging

September 29, 2021



Beam Global to Exhibit with Volvo Construction Equipment at The Utility Expo 2021 at the Kentucky Exposition Center

September 23, 2021



City of Goleta CA Orders Beam Global EV ARC™ Off-Grid EV Charging System for Public EV Charging

September 14, 2021



Beam Global to Exhibit at the Advanced Clean Transportation (ACT) Expo 2021 at the Long Beach Convention Center

August 31, 2021



Beam Global Issued Chinese Patent for Compact Transportation-Configurable EV ARC™ System

August 26, 2021



# Recent News



Ventura County CA Orders Ten Beam Global EV ARC™ Off-Grid EV Charging Systems

August 3, 2021



City of Walla Walla, Washington Orders Beam Global EV ARC™ Off-Grid EV Charging System

July 27, 2021



Beam Global Sets World Record for Longest Flight in a Production Electric Aircraft, Powered Only by Sunshine

July 20, 2021



Beam Global Seeks to Set World Record for Longest Flight in a Production Electric Aircraft Powered by Off-Grid Renewable Energy

July 12, 2021



Beam Global Provides Rapidly Deployed Off-Grid Charging for the U.S. Marine Corps at the Electric Mobility Symposium at MCAS Miramar in San Diego

June 24, 2021



Beam Global to be Added to the Russell 2000® Index

June 22, 2021



Hawaiian Utility Deploys EV ARC™ Solar-Powered EV Charging Systems and ARC Mobility™ Trailer

June 17, 2021



City of Lancaster CA Orders Beam Global EV ARC™ Off-Grid EV Charging System for Public Use

August 11, 2021





# Recent News



Film, TV and Streaming Industry Uses Beam Global Sustainable EV Charging to Reduce Carbon Footprint

May 11, 2021



Beam Global Receives Federal Agency Repeat Order Through the Federal GSA MAS Contract

May 6, 2021



City of San Diego Deploys Beam Global EV ARC™ Off-Grid EV Charging Systems

April 23, 2021



Beam Global Expands Sustainable EV Charging Program with Major Georgia Utility

April 13, 2021



City of Olathe First to Bring Beam Global Sustainable EV Charging Systems to Kansas

March 25, 2021



Auburn University Deploys First Beam Global EV ARC™ Off-Grid Sustainable EV Charging System in Alabama

March 16, 2021



# Recent News



Beam Global Expands Federal Government Customer Base with First Order From a USDA Forest Service Site

March 11, 2021



Beam Global Adds to Growing List of Utility Customers

March 4, 2021



Beam Global Announces 12% Increase in Energy Output from EV ARC™ Solar-Powered EV Charging System

February 25, 2021



Beam Global Awarded Florida Statewide Purchasing Contract for Rapidly Deployed Sustainable EV Charging Products

February 18, 2021



Beam Global Completes Deployment of 30 EV ARC™ Solar-Powered EV Charging Systems for Electrify America

February 11, 2021



District of Columbia Deploys First Beam Global EV ARC™ EV Charging System in Nation's Capital

February 2, 2021



# Recent News



Beam Global Announces Record Fourth Quarter EV ARC™ Deliveries In 2020

January 26, 2021



State of California Extends and Expands Contract with Beam Global for Rapidly Deployed Sustainable EV Charging Products

January 14, 2021



The City Of Santa Clara Deploys BEAM Global EV ARC™ Solar EV Charging Systems For City Fleet And Public Use

January 7, 2021



The City of Montebello to Deploy Beam Global EV ARC™ Solar EV Charging Terminals

December 17, 2020



Beam Global to Present at The 13th Annual LD Micro Main Event Conference

December 10, 2020



Beam Global Announces Patents Pending on Three New Technology Advancements for Renewably Energized, Off-Grid Electric Vehicle Charging

December 9, 2020



# Recent News



Beam Global Announces Patent Issuance for UAV ARC™ Unmanned Aerial Vehicle Autonomous Renewable Charger

December 3, 2020



Beam Global to Perform World's First Flying on Sunshine™ Flight in a Production Electric Aircraft

October 29, 2020



Beam Global Announces Pricing of \$7.5 Million Bought Deal Offering

November 23, 2020



Beam Global, City of San Diego Collaborate to Offer Free Sustainable EV Charging to the Public

October 21, 2020



Beam Global Awarded GSA MAS Contract to Provide EV ARC™ Solar EV Charging Infrastructure Products to Federal Government

November 19, 2020



Beam Global Adds Georgia Power Company To Growing List of Utility Customers

October 13, 2020



Beam Global Reports Third Quarter 2020 Financial Results

November 12, 2020



Beam Global Deploys Multiple Beam-Branded EV ARC™ 2020 Units Since Recent Rebrand

October 7, 2020



# Recent News



Electrify America Launches Solar-Powered Electric Vehicle Charging Stations in Rural Fresno County

September 30, 2020



Envision Solar Announces Rebranding as Beam Global

September 15, 2020



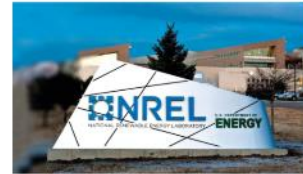
Envision Solar Announces Further EV ARC™ Product Orders from A Federally Funded Research and Development Center

September 3, 2020



Envision Solar to Present at The LD 500 Virtual Conference. September 2, 2020

August 26, 2020



Envision Solar Announces Follow-On Order from National Renewable Energy Lab (NREL)

August 25, 2020



Envision Solar Announces First EV ARC™ Order from Baltimore Gas and Electric

August 13, 2020



Envision Solar Commits to Maintaining Sustainable EV ARC™ Products in Readiness for California Utility Public Safety Power Shutoffs

August 4, 2020



# Recent News



The Ocean Discovery Institute in San Diego, California Deploys Solar Tree® Products From Envision Solar as Part of Its Net Zero Sustainability Program

July 28, 2020



The City of San Luis Obispo, California Deploys EV ARC™ Solar-Powered EV Charging For City Fleet Use

July 22, 2020



Envision's EV ARC™ Solar-Powered EV Charging Powers Envoy Shared Electric Mobility

July 14, 2020



Envision Solar Announces Closing of \$11.5 Million Underwritten Public Offering and Exercise of Overallotment Option

July 8, 2020



Envision Solar Announces Pricing of \$10.0 Million Public Offering of Common Stock

July 1, 2020



Envision Solar Announces Proposed Public Offering of Common Stock

July 1, 2020



Envision Solar Deploys Solar-Powered EV DC Fast Charging for Shandon California Rest Area on U.S. Highway 46 East

June 30, 2020



# Recent News



Envision Added to the FTSE Russell Microcap Index

June 25, 2020



Envision Announces Patent Pending for Flood Avoidance Electric Vehicle Charging Station

June 16, 2020



City of Madison, Wisconsin Purchases Additional EV ARC™ Chargers from Envision Solar

June 2, 2020



The City of Greensboro, North Carolina Deploys EV ARC™ Solar-Powered EV Chargers for Public Use in Centrally Located Downtown Lots

May 28, 2020



Envision Solar Opens New International Market with First Canadian Order

May 21, 2020



Envision Solar Salutes All Veterans for Military Appreciation Month in May; Reminds All to Thank Vets for Their Service This Memorial Day, May 25, 2020

May 19, 2020



City of Richmond, California Deploys Envision's Solar-Powered EV ARC™ For Public EV Charging

May 5, 2020



Pfizer Selects EV ARC™ Solar-Powered EV Charging Station For Sustainable Workplace Charging

April 28, 2020



# In Summary

- Unique, mass producible products
- First mover advantage
- Rapidly growing target markets with significant upside opportunity
- Strong intellectual property protection in areas that matter
- Only EV charging infrastructure company with proprietary energy storage solution
- Powerful and proven organic and inorganic growth strategy
- Broad customer base Enterprise and Government revenues
- 20X room for growth in current facility and ability to cookie cutter
- Significant recurring revenue and marquee event win potential
- Regular flow of news describing increasing wins
- Healthy financial condition – no debt, years of operating cash and clean cap structure





# Thank You

## Investor Relations

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