

DOCKETED

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BEYOND THE TRUCK: RIVIAN CHARGING

EPRI IWC – April 13, 2022



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THE VEHICLES

Rivian exists because we want to make a difference and because we believe there is a more responsible way to explore the world. We have developed and vertically integrated a connected electric platform that can be flexibly applied to a range of applications, including our adventure products, our L2 Waypoints Chargers, and the Amazon last mile delivery vans.

R1S



"The scale of the challenge is enormous, but we're lucky to be a part of this—to be able to help solve how we shift our planet's energy and transportation systems entirely away from fossil fuel."

RJ Scaringe
Founder and CEO

EDV



R1T

RIVIAN CHARGING

Rivian is building the most advanced electric adventure vehicles on the market, and as such, needs a charging network with the ability to meet our demands—the demands of not just our vehicles, but ***all*** electric vehicles.



RIVIAN ADVENTURE
NETWORK (RAN)



RIVIAN WAYPOINTS
NETWORK (RWN)



RIVIAN FLEET



RIVIAN HOME

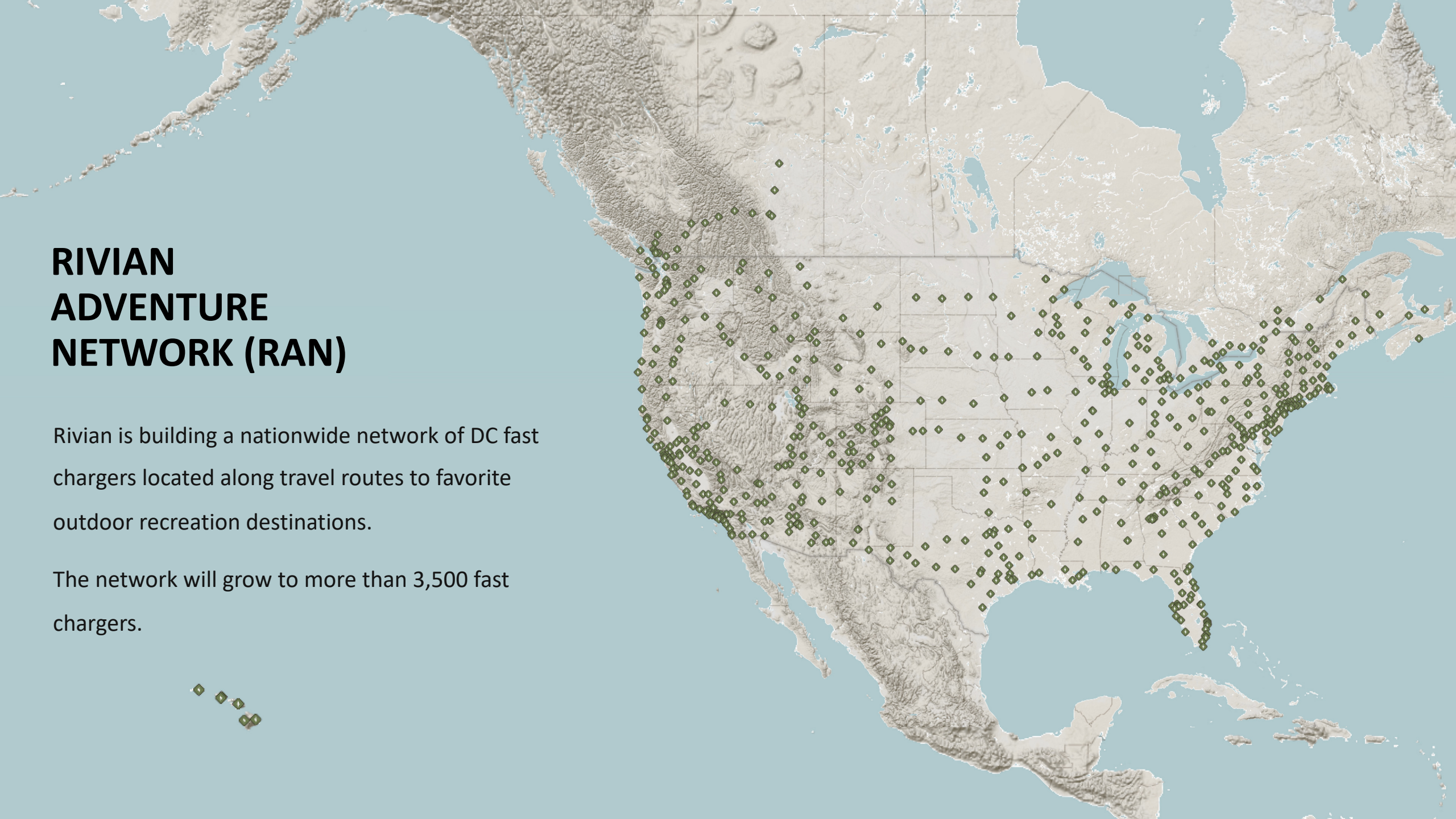


RIVIAN ADVENTURE CHARGING

RIVIAN ADVENTURE NETWORK (RAN)

Rivian is building a nationwide network of DC fast chargers located along travel routes to favorite outdoor recreation destinations.

The network will grow to more than 3,500 fast chargers.



RIVIAN ADVENTURE CHARGER

Charging rates capable of 300kW+

140 miles of range in 20 minutes for R1T and R1S

Initially exclusive for Rivian owners

Simple operation — just pull up and plug in

In-vehicle navigation automatically plans charging

Powered by 100% renewable energy



RIVIAN WAYPOINTS NETWORK (RWN)

The Rivian Waypoints Network will reach **10,000+ Level 2 chargers** across the US and Canada where people shop, play, stay, and eat.



RIVIAN WAYPOINTS CHARGER: KEY FEATURES

Rivian Waypoints Network is open and available to all EV drivers leveraging a J1772 plug

Max charge speed of 11.5kW¹, compared to common 6.8 or 7.2 kW varieties

Charging for longer dwell times—while on the trail, sleeping at the campground or resort, or eating at your favorite local diner post adventure

Enabled for over-the-air firmware updates via ethernet, cellular, or Wi-Fi

Remotely view and control settings via a Rivian-developed online portal, Rivian Energy Cloud

Time of sale information communicated via user-friendly display screen (\$/kWh)

Powered by 100% renewable energy

¹ When plugged into a vehicle with sufficiently sized on-board charger and at 240V AC

PARKS PROGRAM



*Rivian Waypoint L2 installed at
Yosemite National Park*

Provides universal L2 EV charging coverage within National Parks, State Parks, and other public recreation areas to fill the charging infrastructure gap and enable more trips to our cherished state and national parks.

Aims to fill this gap to provide charging that is open to all electric vehicles, enabling electric adventure for all EV drivers at public recreation spaces.

Rivian partners with park service agencies, operators, non-profit conservancy organizations, local governments, and utilities to provide cost effective L2 charging.

ZERO EMISSION CHARGING

Our commitment to keeping the world adventurous forever means that **100% of charging on our network is matched with high quality renewable energy purchases.**

We follow stringent quality principles to ensure our customers are contributing to truly impactful renewable energy development, and that our charging network minimizes its environmental impact.

OUR RENEWABLE ENERGY MATCHING PRINCIPLES



Impact First

- Prioritize net new sources of renewable energy
- Match local consumption to local resources as much as possible
- Source from grids that have the greatest need for renewable energy
- Target the highest potential GHG reduction projects



Transparency & Accountability

- Continually monitor performance and verify impact
- Make it easy for partners to see how their renewable energy is sourced
- Partner with developers who emphasize reporting and transparency



Beyond Ourselves

- Integrate community impact and responsibility into all decision-making
- Use our scale to advance new energy technologies
- Prioritize projects that helps decrease renewable energy costs for all customers
- Share our best practices and empower others to scale their own impact



Utility
Partnerships

Rivian's sourcing strategy includes working directly with utilities to source renewables from new, locally impactful projects.

RIVIAN FLEET CHARGING



DC FLEET DISPENSER



Can be used for fast and overnight charging applications

Up to 160 kW power per dispenser

Can be mounted on overhead structures, walls or pedestals

POWER CABINET



Allows for multiple DC fleet dispensers to charge vehicles simultaneously and sequentially

Up to 300 kW power per cabinet

Architecture allows fleets to easily and cost-effectively scale up by adding DC fleet dispensers

AC FLEET DISPENSER



Can easily be installed in garages for take-home vehicles or in depots

Up to 11.5 kW power per dispenser

Can be mounted on overhead structures, walls or pedestals

Rivian charging dispensers are compatible with all CCS1 electric vehicles.

RIVIAN HOME CHARGING

11.5 kW capable for easy overnight charging

Compatible with other EVs using J1772 plug

5-year warranty

Wi-Fi connectivity for OTA updates

Option to power with 100% renewable energy

Currently being installed in R1T and R1S pre-order customer homes



“We also continue to develop our portfolio of charging and energy products to expand beyond DC chargers for both RAN and Fleet charging to include our bi-directional home charger and home energy products.”

– Rivian Q4 2021 Earnings Call

QUESTIONS

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