



DCFC Ownership and Operations

Louisiana NEVI Workshop and Expo

January 2022

Ben Kessler, Public Policy, Manager – South

Agenda

1. The Next Chapter of Mobility – Electrified
2. ChargePoint Background and Experience
3. NEVI Program and Best Practices
4. Site, Equipment, and Layout Considerations – Express Power Plus

The Next Chapter of Mobility

Top stories

The Wall Street Journal

EVs Made Up 10% of All New Cars Sold Last Year

23 hours ago

Teslarati

Global EV sales reach 10 percent of new cars sold in 2022

1 day ago

Yahoo Finance

Global EV sales expected to reach 11 million in 2023

5 hours ago

Business Insider

Electric vehicles accounted for 10% of global auto sales in 2022

1 day ago

[More news](#)

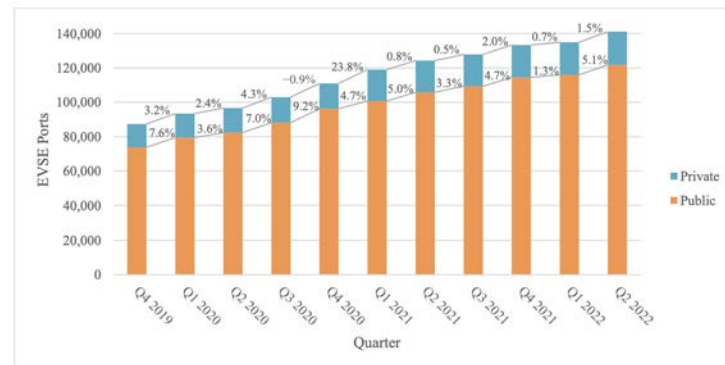


Figure ES-1. Quarterly growth of EVSE ports by access.

Note: The percentages in this figure indicate the percent growth between each quarter.

Electric Vehicle Charging Infrastructure Trends from the Alternative Fueling Station Locator: Second Quarter 2022

Kelley Blue Book
THE TRUSTED RESOURCE

Home Car Values Cars for Sale

Home > Electric Vehicle > New Car Sales Fell in 2022, But New Electric Car Sales Rose...

Electric Vehicle

New Car Sales Fell in 2022, But New Electric Car Sales Rose Dramatically

By **Sean Tucker** 01/17/2023 8:05am



ChargePoint Background and Experience

ChargePoint at a Glance

- + Founded in 2007, with 1,400+ employees worldwide
- + Based in Silicon Valley, with operations in Arizona, South Carolina, Europe and India
- + 211,000+ activated ChargePoint ports, plus 350,000+ accessible via roaming*
- + NYSE trading symbol: CHPT



*As of November 2022. "Activated" ports are installed and activated on our network.

We Make Electric Easy for You

Separately Owned and Operated
Places to Charge...



Reliable hardware, software and
services designed to work together

Delivered in One
Network for Drivers...



Integrated with Ecosystem Platforms
for a Convenient, Seamless Experience



Apple, Google, Amazon, fleet
platforms and more

*2021 Fortune 500 list

ChargePoint : The total package

Design & Build Services

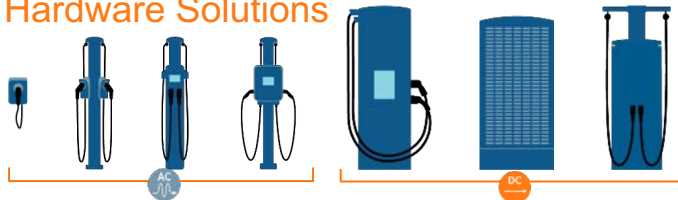


Construction



Consulting & Customer Solutions

Hardware Solutions



Software Solutions



Advanced Station & Vehicle Management Features



Fleet Management Systems Integration



Power & Energy Management



Comprehensive dashboard & reporting



Remote management, diagnostics & OTA updates



Solutions for Home, On Route and Depot Charging

Service & Support



Support



Mission Critical SLA

Flexible Financing Options



Design & Install



Turnkey Installation



ChargePoint as a Service

One Network, Many Branding Opportunities



Products designed with brand-ability in mind



NEVI Program and Best Practices

Federal Alt Fuel Corridors

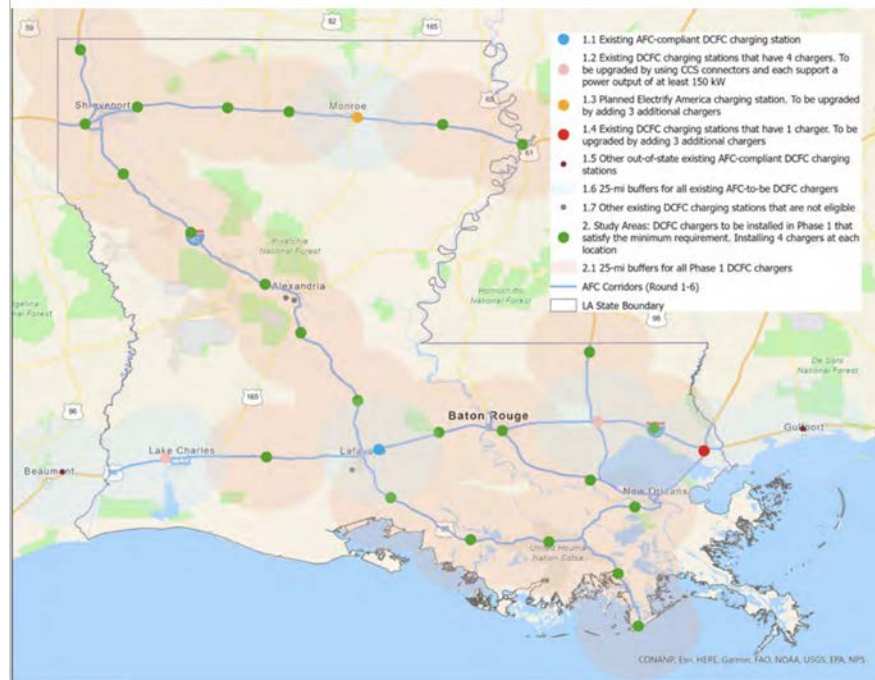


Louisiana NEVI Goals

+ Year One

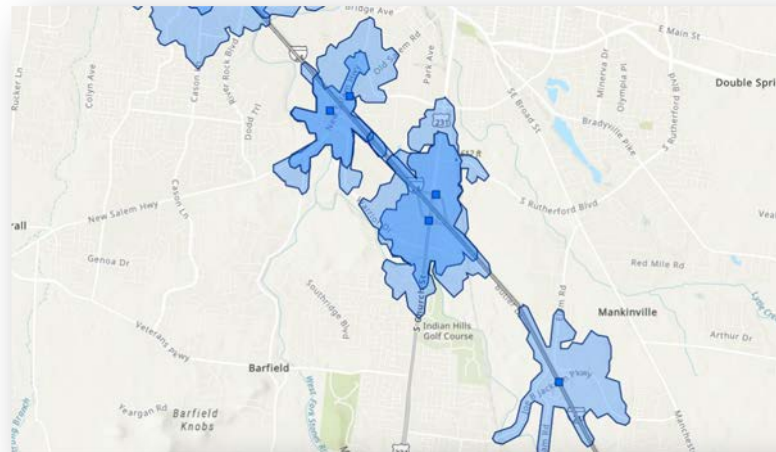
- Host further engagement with potential applicants
- Award approximately 10 projects, ~\$9mil
- Collect Data
- Conduct DEI and Network Reliability reviews

Map 7: Approximate Locations of DCFC Stations to be Upgraded and Installed, Phase 1



Best Practices for RFP Framework

- + Flexibility
 - Business model agnostic
- + Identification
 - Prescriptive Exits
- + Clarity
 - Defined scoring criteria & adders
- + Verification
 - Required due diligence



Scoring Criteria	Maximum Points
Project Narrative	10
Proximity to Other Stations	5
Distance to Interstate	5
Financial Prudence	20
Station Design, Facilities Requirements, Minimum Station Specifications	20
Organization, Staff Experience, Qualifications	15
Project Partnerships	10
Innovation and Sustainability	15
Total	100

Utility Considerations

- + Communication
 - Clear Points of Contact
 - Adequate timelines for utility coordination

- + Coordination
 - Demand Charges
 - kWh pricing – SB460/LA PSC





Site, Equipment, and Layout Considerations

Siting Charging Stations

Keep Driver Experience in Mind

- Amenities
- Safety & Security
- Points of Interest/Traffic Corridors
- Restrooms

Think of ways you can support your community with economic engagement

- Main Street
- Parks and Tourism
- Mixed Use Developments



Express Plus: Modular/Scalable



x5



Express Plus Power Module

- 40kW, 100A max
- >95% flat efficiency
- Liquid Cooling
- Minimal field service. No air filters
- 200-1000 VDC output
- Easy access
- Total Harmonic Distortion (iTHD) <5%

Express Plus Power Block

- Contains up to 5 modules
- 200kW max per Block
- -40°C to 50°C
- 450mm flood protection
- Dual DC output



Express Plus Power Link

- Multiple functions: metering, isolation monitoring, RFID, cable management
- RF gesture touch screen
- Multiple connector and protocol options
- Up to 350A (without liquid cooled cable)
- Custom Branding

Equipment Certifications

- + Buy America
 - ChargePoint equipment FHWA/FTA Buy America Compliant
- + Reliability
 - Assure: Monitoring, Troubleshooting, Service Restoration
- + Open Protocols



Experience in DCFC Corridor Charging

+ Colorado and Maine



+ Volvo & Starbucks



+ Mercedes



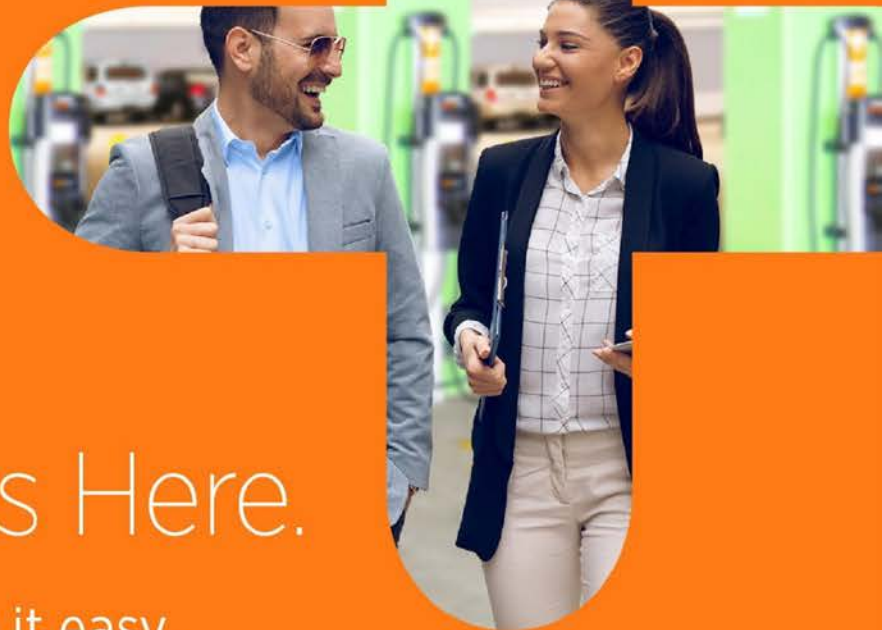
Thank You

Questions?

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The Electric Revolution Is Here.

Our obsession? Making it easy.

-chargepoint+