



North Central Texas
Council of Governments



Dallas-Fort Worth
CLEAN CITIES

REGIONAL EV INFRASTRUCTURE WORKING GROUP

Electric Vehicle Supply
Equipment Expo
January 17, 2024

Agenda

- 2:00 – 2:30pm **TXShare Presentation**
- 2:30 – 3:00pm **Vendor Presentations**
- 3:00 – 3:50pm **Open Expo**
- 3:50 – 4:00pm **NCTCOG DFWCC and Funding Update**

Working Group Priorities:

Coordinate EV Infrastructure efforts across North Texas
Provide guidance, resources, and
collaboration opportunities to local governments and

*Working Group meetings are recorded and posted on www.dfwcleancities.org/events



Regional EV Infrastructure Working Group

THE POWER OF PARTNERSHIP

TXShare & YOU!

TXShare
Your Public Sector Solutions Center

In partnership with

Sourcewell 



INTRODUCTION TO TXSHARE!

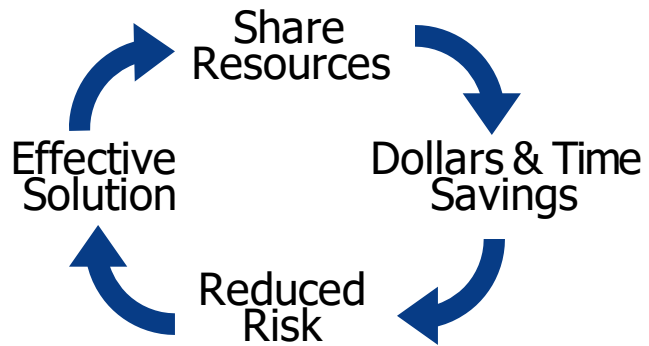
- TXShare History & Mission
- TXShare Membership
 - How to get the most from your TXShare Membership.
- TXShare.org Site
- How can we help you meet your procurement goals?
- Sourcewell Partnership and EV Contracts
- Questions?



TXShare Mission

To solve Common and/or Regional Procurement Needs.

- Defined by TXShare Members → Delivered by NCTCOG/TXShare
- Standardized approach to solve for common needs (80/20 Rule)



*Contracts administered by a single entity while
leveraging the purchasing power of many.*
VALIDATED, CONFIDENT SOLUTION

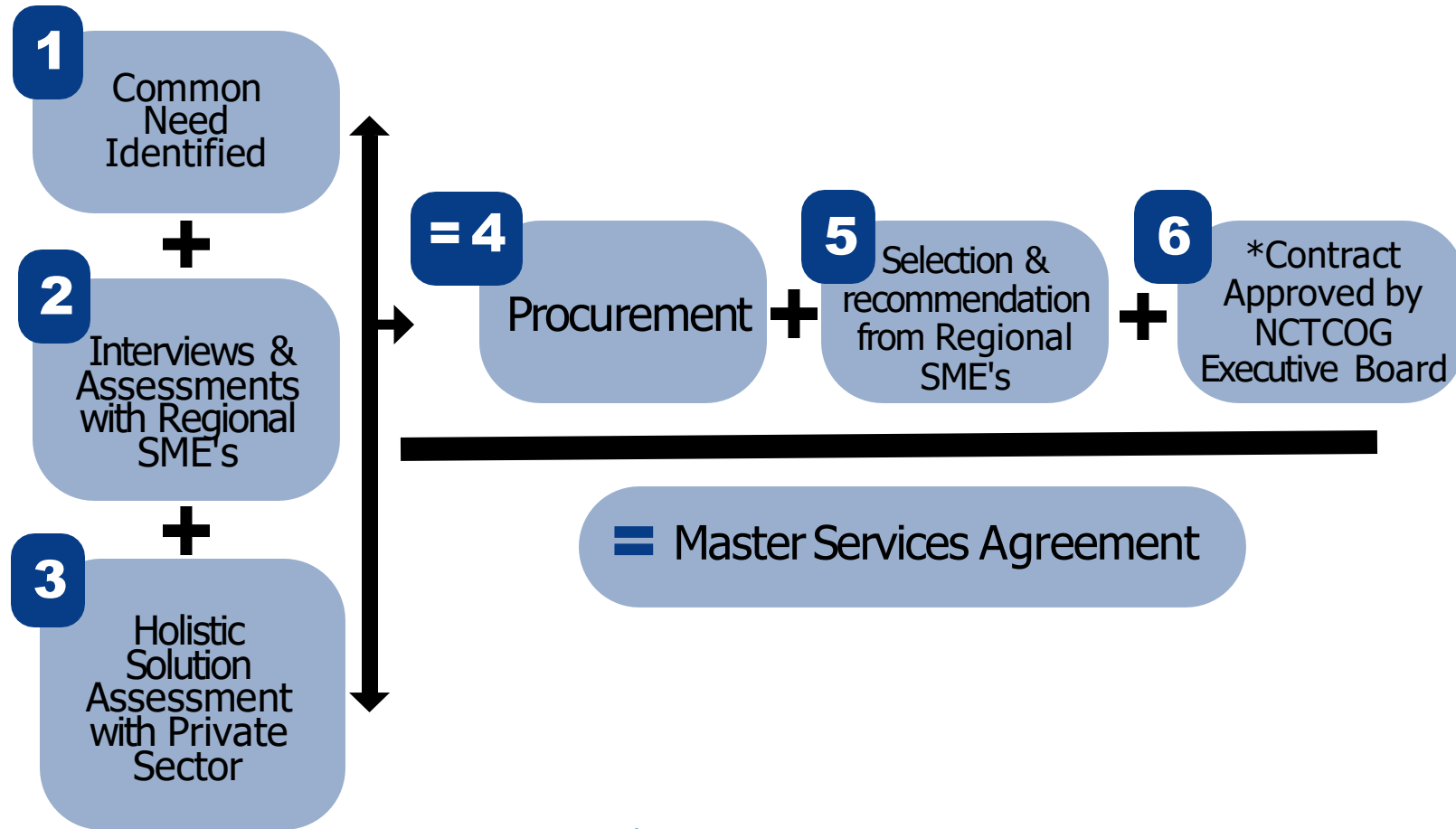


Who is TXShare?

- A direct outcome of municipal governments partnering together to identify common needs for public entities across and **beyond** the State of Texas.
- Local governments and non-profit entities across all 50 states are eligible to participate in the TXShare program at no cost to them.
- Each TXShare contract was procured under strict Uniform Guidance (2 CFR 200).
- Each contract was competitively sourced in a sealed-proposal method independently evaluated by subject matter experts.



TXShare Recipe for the Collaborative Solution



* Compliant with TLGC Chapter 791
and Uniform Guidance, as required



Who are our TXShare Members?



State and Local Government Entities

- Cities
- Counties
- States & State Agencies
- Special & Water Districts
- Native American Tribes
- Port & Transportation Authorities



Public and Private Education

- K-12
- Special Education Districts
- Charter Schools
- Higher Education/Universities



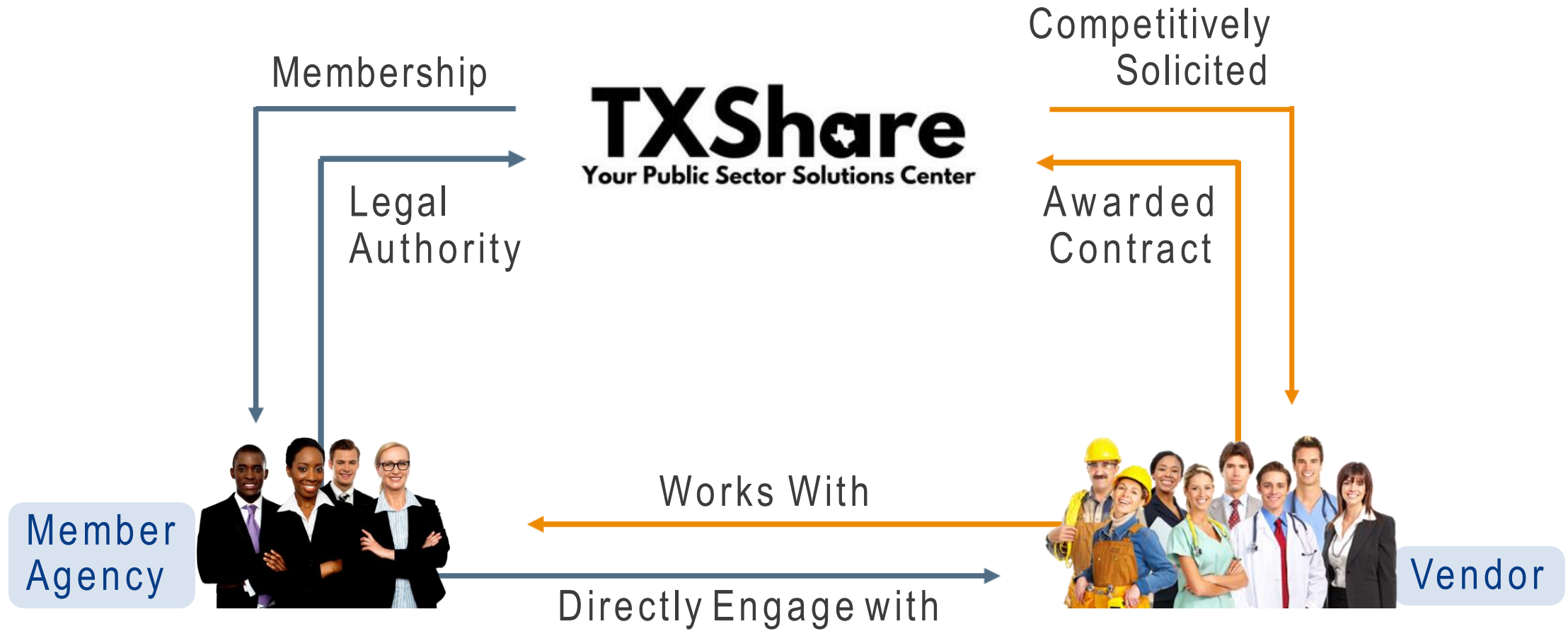
Nonprofits (tax-exempt organizations)

- Hospitals & Nursing Homes
- Rural Power Cooperatives
- Housing Authorities
- Member Associations



How it works

A LEGAL contracting pathway between buyers and vendors



YOU HAVE:

2 Decisions:

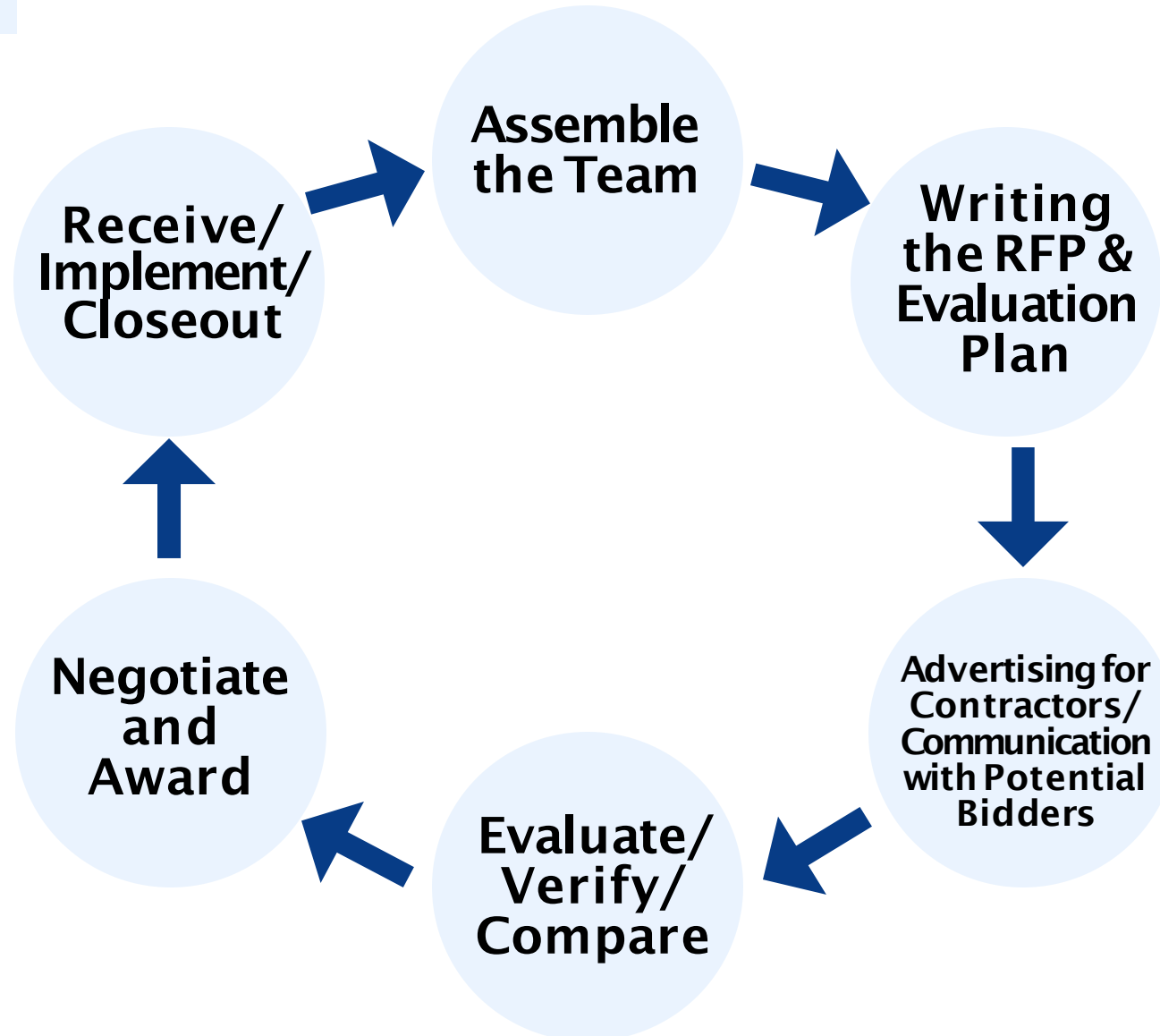
- What am I going to buy?
- How am I going to buy it?

2 Choices:

- Do I need to bid it?
- Do I just need to follow a competitive process?



RFP Lifecycle



Purchasing Power of TXShare

Traditional Bid

TXShare Contract

Identify Prospect and Build Relationship

- ✓ • **Spec out equipment**
 - ✓ • **Advertise Bid**
 - ✓ • **Respond to Bid**
 - ✓ • **Bid Opening**
 - ✓ • **Bid Evaluation**
 - ✓ • **Award Lowest Bidder**
 - ✓ • **Protest Period**
-
- **P.O. Issued**
 - **Deliver Equipment**
 - **Receive Payment**

- ✓ **Done by TXShare**
 - **Identify TXShare Vendor**
 - **P.O. Issued**
 - **Submit Order**
 - **Receive Goods/Services**
 - **Pay Invoice**

Purchasing Power of TXShare

- Save Time (time = money)
- Legally Compliant
- Efficient
- You get your goods/services faster

Satisfying the competitive solicitation requirements, NOT skipping them!

Value of TXShare Membership


- Membership is at no cost or obligation
- Streamlines the purchasing process
- TXShare membership establishes the necessary relationship to purchase from TXShare awarded vendors
- Access to 500+ Sourcewell Contracts

TXShare.org

TXShare
Your Public Sector Solutions Center


HomeAvailable ContractsMembershipVendorsAbout Us/Contact UsFAQ

Search



The TXShare Cooperative Purchasing Program is the direct outcome of municipal governments partnering together to identify common needs for public entities across and beyond the State of Texas.


TXShare Participating Organizations can confidently utilize our offerings knowing that each contract was procured under strict **Uniform Guidance (2 CFR 200)** and **Texas Local Government Code** procurement policies and procedures. Each contract was competitively sourced in a sealed-proposal method independently evaluated by subject matter experts.



How to Purchase

Local governments and non-profit entities are eligible to participate in the TXShare program. TXShare has developed a streamlined process to reduce the paperwork and get you the solution you need to be more productive.


[LET'S GET STARTED](#)



Available Contracts

Review all of the contracts that are currently available through the TXShare program. Each contract provides specific instructions on how to purchase goods or access services for an efficient process.

[VIEW ALL CONTRACTS](#)



Become a Vendor

Have a product or service you can provide to assist our members in finding solutions to their issues? Partner with TXShare to make THEIR success OUR success.

[TXSHARE FOR VENDORS](#)


TXShare
Your Public Sector Solutions Center

HomeAvailable ContractsMembershipVendorsAbout Us/Contact UsFAQ

Search


HOME | AVAILABLE CONTRACTS

Available Contracts




Alternative Fuel Vehicles and Infrastructure

- [Compressed Natural Gas \(CNG\) Vehicles & Equipment](#)
- [Electric Vehicle Supply Equipment \(EVSE\)](#)
- [Electric Vehicles](#)
- [Propane Autogas \(LPG\) Vehicles & Equipment](#)



Emergency Personnel, Police and Fire

- [Cyber Security Consulting Services](#)
- [Disaster Recovery Planning](#)
- [Dispatch Mapping Services](#)
- [Electronic Warrant Payment Services](#)
- [Emergency Operations Checklist Enhancements](#)
- [Night Vision Solutions](#)
- [Police & First Responder Uniforms](#)
- [Public Safety Strategic Consulting](#)



TXShare is proud to partner with Sourcewell for access to hundreds of competitively solicited cooperative contracts.

Visit www.sourcewell-mn.gov to begin your search.

Available Contracts

Contract Administrator

Electronic Devices with Related Equipment and Technology

[HOME](#) | [AVAILABLE CONTRACTS](#)

The purpose of this contract is to provide catalog-option pricing to supply municipalities, counties, school districts and the like with any or all of the below listed products along with the associated peripheral equipment and accessories of each product family.

- Personal Computers
- Laptops
- Tablets

Awarded Vendors

[N1 Critical Technologies, Inc.](#)

[Netsync Network Solutions](#)

[Smart IT Pros, Inc.](#)

Contract Administrator:
Charlie Oberrender, CPPB
Purchasing Agent
Office: (817) 695-9289
Cell: (281) 610-8914
coberrender@nctcog.org

Highlighted Contracts

Grant Management and Consulting Services

Electronic Devices with Related Equipment and Accessories

Police & First Responder Uniforms

Contract Lifecycle Management Solutions

Document Management Services

Public Sector Procurement Consulting Services

Temporary Staffing Services

Cybersecurity Consulting Services

Roadway Workzone Data Reporting Management

Upcoming Proposed Contracts

Smart Pavement - heat reducing asphalt solutions

Road Aggregate

Smart Traffic Signals

Automated Vehicle Services

Intelligent Road Management Systems

Takeaways

Membership Advantages

- Advisory Committee
- Training

How can we help you accomplish your procurement goals?

QUESTIONS?

Thank you!

Your TXShare Team



Craigan Johnson, MPA, CPPO/CPPB
Sr. Procurement Manager
cjohnson@nctcog.org



Charles Oberrender, CPPB
Purchasing Agent
coberrender@nctcog.org



Mandy Collett
Business Services Manager
mcollett@nctcog.org

MEET OUR CONSULTANTS!



Diane Palmer-Boeck, CPPO, PPMC
Collaborating with our
TXShare members to help
us better serve your needs.
info@palmerboeck.com



Steve Levine
Collaborating with Vendors
to connect them with our
TXShare member needs.
speedwalker18@gmail.com

In partnership with

Sourcewell 

Sourcewell EV Charging Equipment

January 17, 2024

Charging Station Suppliers

	Full Catalogue	Hardware Discount	Network	Hardware		Installation	Maintenance
				Level 2	DCFC		
blink	✓	0-25%	✓	✓	✓	✓	✓
-chargepoint+	✓	0-20%	✓	✓	✓	✓	✓
evconnect	✓	10%	✓	✓	✓	✓	✓
flo	✓	11-20%	✓	✓	✓	✓	✓
FREEWIRE	✓	3%	✓	✓	✓	✓	✓
LE LIVINGSTON ENERGY GROUP	✓	30-100%	✓	✓	✓	✓	✓
NUVE	✓	15-20%	✓	✓	✓		✓
SIEMENS	✓	30-80%	✓	✓	✓	✓	✓
WAVE <small>by ideanomics</small>	✓	15%	✓		✓	✓	✓

[Summary of Contracts](#)

In partnership with

Sourcewell 

Supplier Services Examples

- Smart energy management
- Consulting
- Electrification planning & analysis
- Infrastructure/facility design
- Grant writing/funding support
- Training/education



Thank you!

Contact:

Jim Kane

Client Relations Administrator III

O: 218-895-4154

C: 602-769-3123

E: Jim.Kane@sourcewell-mn.gov

TXShare
Your Public Sector Solutions Center

In partnership with

Sourcewell 

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Kempower Sales Presentation North America

Jan | 2024



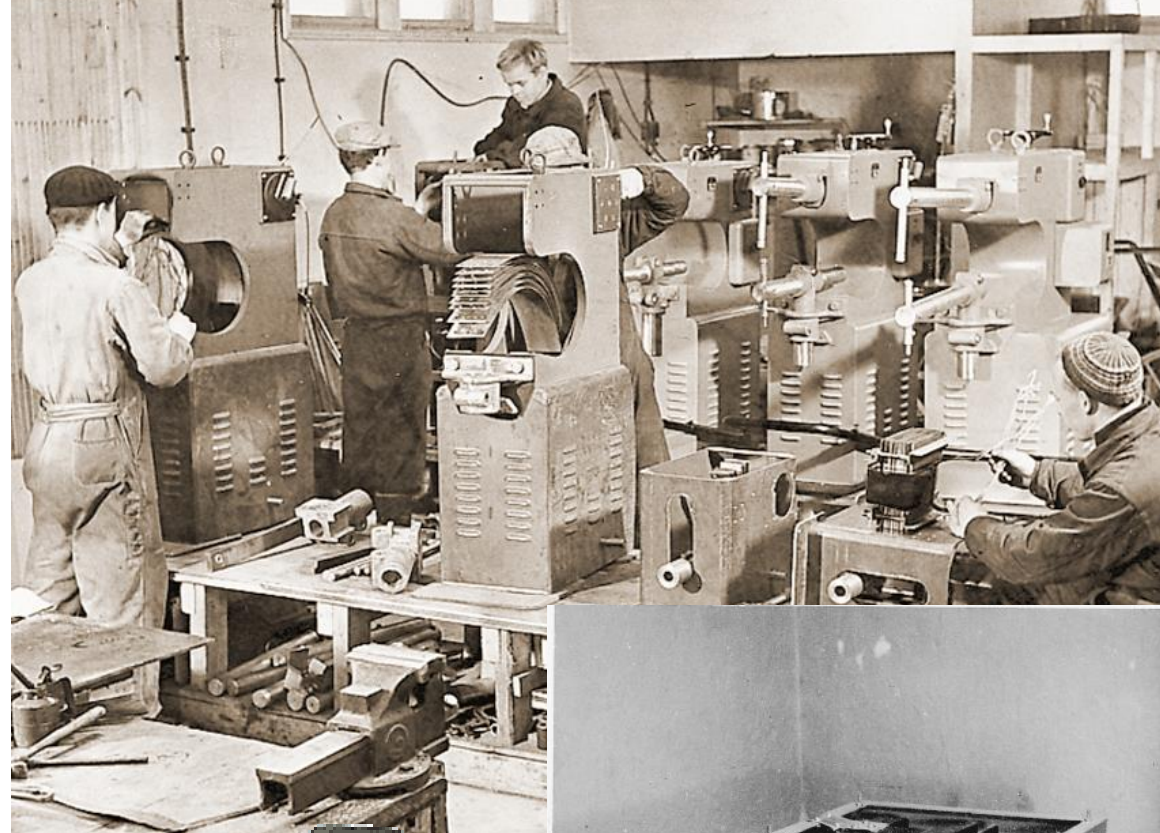
70 years of experience in DC power sources

1949 – Martti Kempppi and his brother founded a welding company Veljekset Kempppi Oy, later known as Kempppi Oy, in Finland.

1997 – Kempower Oy was first established as a subsidiary of Kempppi Oy targeting the non-welding DC power supply market.

2009 – Kempower's project business was discontinued, the tech team continued as the research dept. of Kempppi Oy. One of the research areas was EV charging.


2017 – Kempower Oy was re-established and has been growing ever since.






Modular, scalable, dynamic & user-friendly charging solutions

Modular power source



1-12x



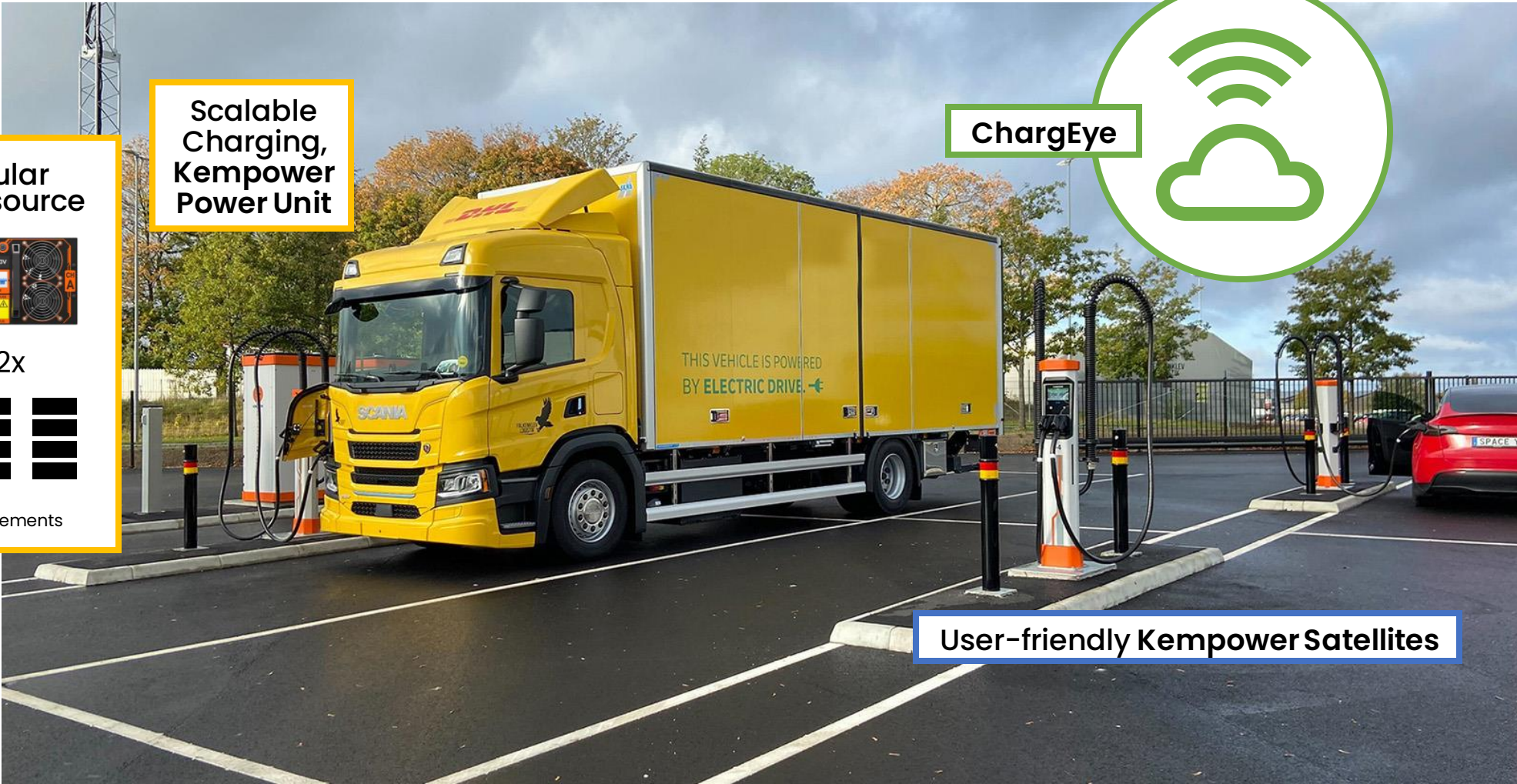
25kW increments

Scalable Charging,
Kempower
Power Unit

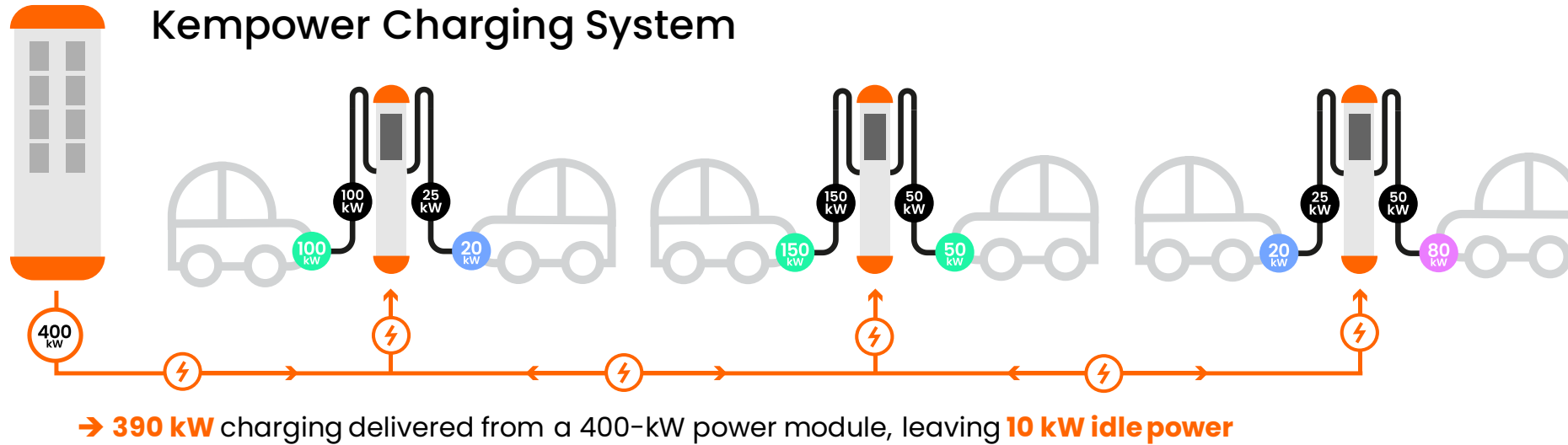
ChargEye




User-friendly Kempower Satellites




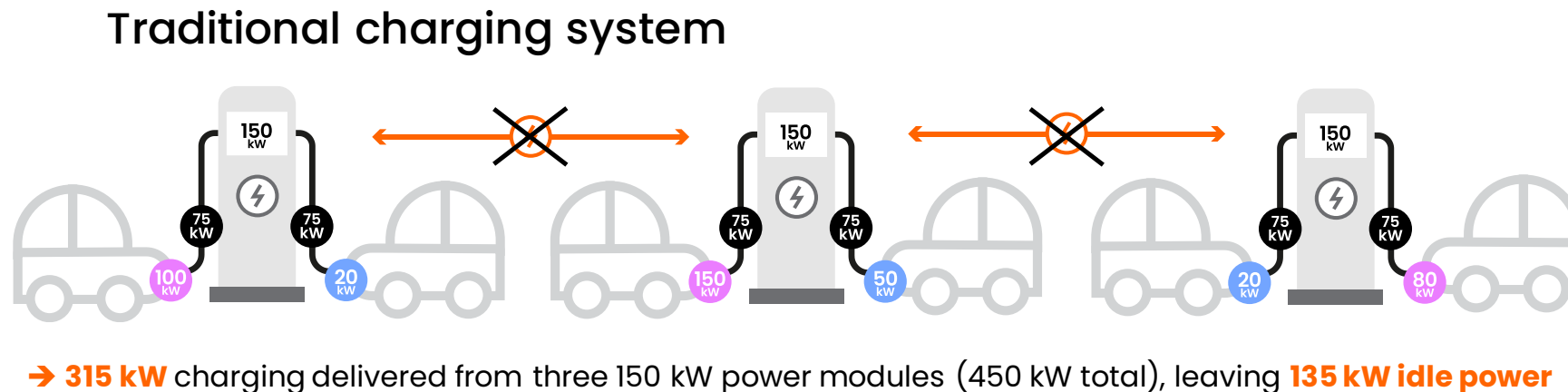
Dynamic charging **saves time and money**



 EV getting the max capacity of kW

 EV getting less kW than max capacity

 EV's reserving more power than being able to use





Thank You.

Joshua Mueller
Joshua.mueller@kempower.com
M: +1 (919) 748-0815



EV CHARGING with ENVIROSPARK

Regional EV Infrastructure
Group

WHY CHOOSE US?

- Flexible and customized EV charging solutions to meet your goals
- Our EnviroSpark network provides a **fully turn-key solution at no cost to you**
- White-label and or construction/installation services available
- In-house maintenance and 24/7 customer support for your EV drivers
- Industry-wide relationships enable us to provide you with the best solution for your EV charging roll-out
- EVITP Approved





FULL NETWORK



CHARGING AS A SERVICE



PROPERTY OWNED

	Property	EnviroSpark	Property	EnviroSpark	Property	EnviroSpark
Infrastructure, Equipment & Installation		✓*		✓	✓	
Electricity	✓		✓		✓	
Maintenance		✓		✓	✓	
Connectivity Fee	Included		Included		\$25 / month	
Subscription Fee			\$100 - \$200/mo			
Charging Revenue		100%	100%		90%	10%
Contract Length	10 Year Term		5 Year Term		1 Year Software Term** 1 Year Warranty	

*May require cost participation, site inspection pending

**Renewable on a yearly basis, no applied for non-networked options

ENVIRO[⚡]SPARK



Thank you for choosing EnviroSpark as
your EV charging solutions provider!

Clay Swiecichowski

404-502-5878

clay@envirosparkenergy.com



visit our website



ENVIRO
SPARK

Shell Recharge & Volta Charging

NCTCOG EVSE Expo

January 17, 2024



Shell is delivering
charging solutions to
meet the full
ecosystem of EV
drivers' needs.



Destinations

Customers can charge conveniently at some of their favorite destinations while they shop or visit entertainment venues.



Hubs

EV-only Mobility hubs along major thoroughfares can help meet consumer demand for EV charging, including during longer trips.



Shell Gas Stations

Shell is adding EV charging to existing locations within our nationwide network of gas stations to help enable on-the-go charging.



Fleets

Shell's eDepot charging offering provides fleet owners with solution design and consulting, turnkey installation, and operations and maintenance services.

Volta Charging Capabilities for DFW Cities



**Destination Charging
for City Owned
Properties**



**Ability to reach DAC
and Multi-family
neighborhoods**



**EVSE Planning,
Projections and
Process**

Dedicated resources to pursue grants and speed EVSE expansion



Thank you!

Gerald Mann

General Manager, Volta Charging
gerald.mann@voltacharging.com

Elise Audrain

Market Development Manager, Shell E-Mobility
elise.audrain@shell.com





blink[®]

EV Charging Solutions

www.BlinkCharging.com



The Blink Hardware – United States

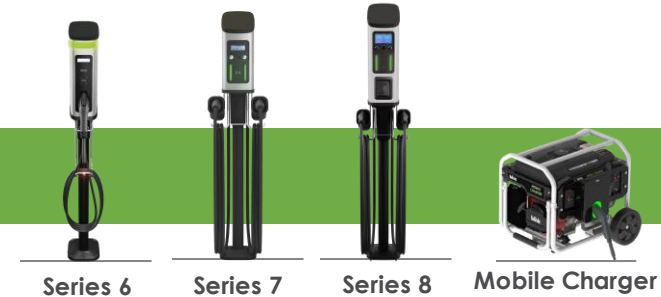
Blink offers a full range of EV charging stations and deployment configurations suitable for any industry and application.

RESIDENTIAL



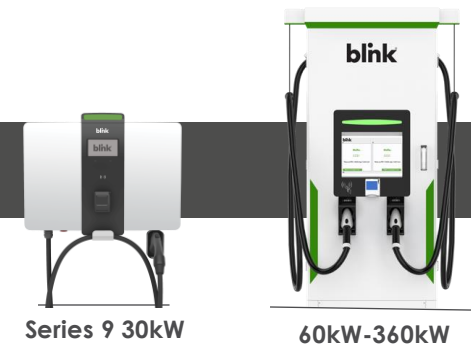
L2 Offerings up to
19.2 kW

COMMERCIAL (LEVEL 2)



DC Offerings up to
360 kW

COMMERCIAL (DCFC)



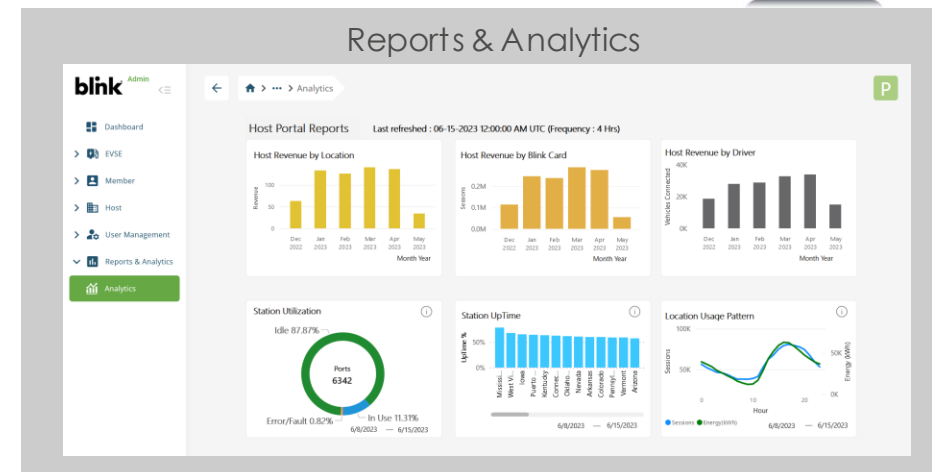
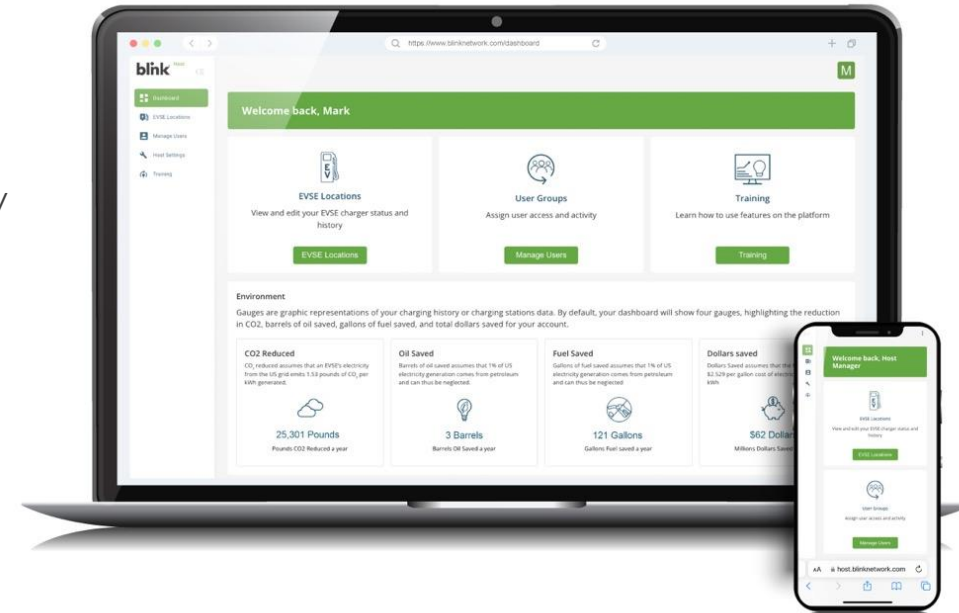
The Blink Network – Global

A proprietary, cloud-based software platform that operates, tracks and monitors Blink charging stations and associated charging data.

Functionality:

- Onboarding & connection of Blink chargers globally and in multiple languages that include, English, French Canadian, Greek, Hebrew and Spanish
- Real-time view of EV station locations, hours, pricing, and availability
- Flexible and dynamic pricing configurations
- Smart grid implementation and support for commercial users and utilities

Re-envisioned in 2023, the completely rebuilt Blink Network serves as a foundation for a global charging platform.



Focus on Customer Success & Partnerships

Advanced technology, product performance, service, support and reliability are key tenets of customer success. These components play an integral part in EV charger uptime.

Blink prioritizes customer service and technical support to ensure EV charging stations are operating properly.

- Team of 50+ individuals dedicated to driver and client support
- 24/7/365, bilingual service
- Dedicated Named Relationship Manager responsible for all aspects of account management for every Blink client
- Remote monitoring via the Blink Network Operations Center (NOC) for technical support
- Field swapping of entire L2 charging unit – no repairs







blink

blink

Programs Designed to Meet Any Customer Needs

Blink is the largest owner-operator of Level 2 charging equipment in the United States.

Options	 Host Owned Purchase	 Blink as a Service Subscription	Requires Site Approval	
			 Hybrid Owned Co-Investment	 Blink Owned Zero Capex
Definition	Equipment Purchase	Monthly Equipment Fee for Equipment	Co-Investment with Site Owner	100% Project Funding by Blink
Infrastructure Cost	100% Host	100% Host	100% Host or Shared	100% Blink
Charger Cost	100% Host	100% Host	100% Blink	100% Blink
Maintenance	Host	Blink	Blink	Blink
Revenue	100% Host	100% Host	20-40% Host	5% Host

In lieu of revenue share, Blink can offer a fixed monthly parking spot rental fee.

*Deducted from gross revenue

blink[®]

Let's Get Started!

NASDAQ:BLNK
www.BlinkCharging.com

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Flexible Charging Infrastructure Solutions

Discussion Document

January 2024

Mark Casner

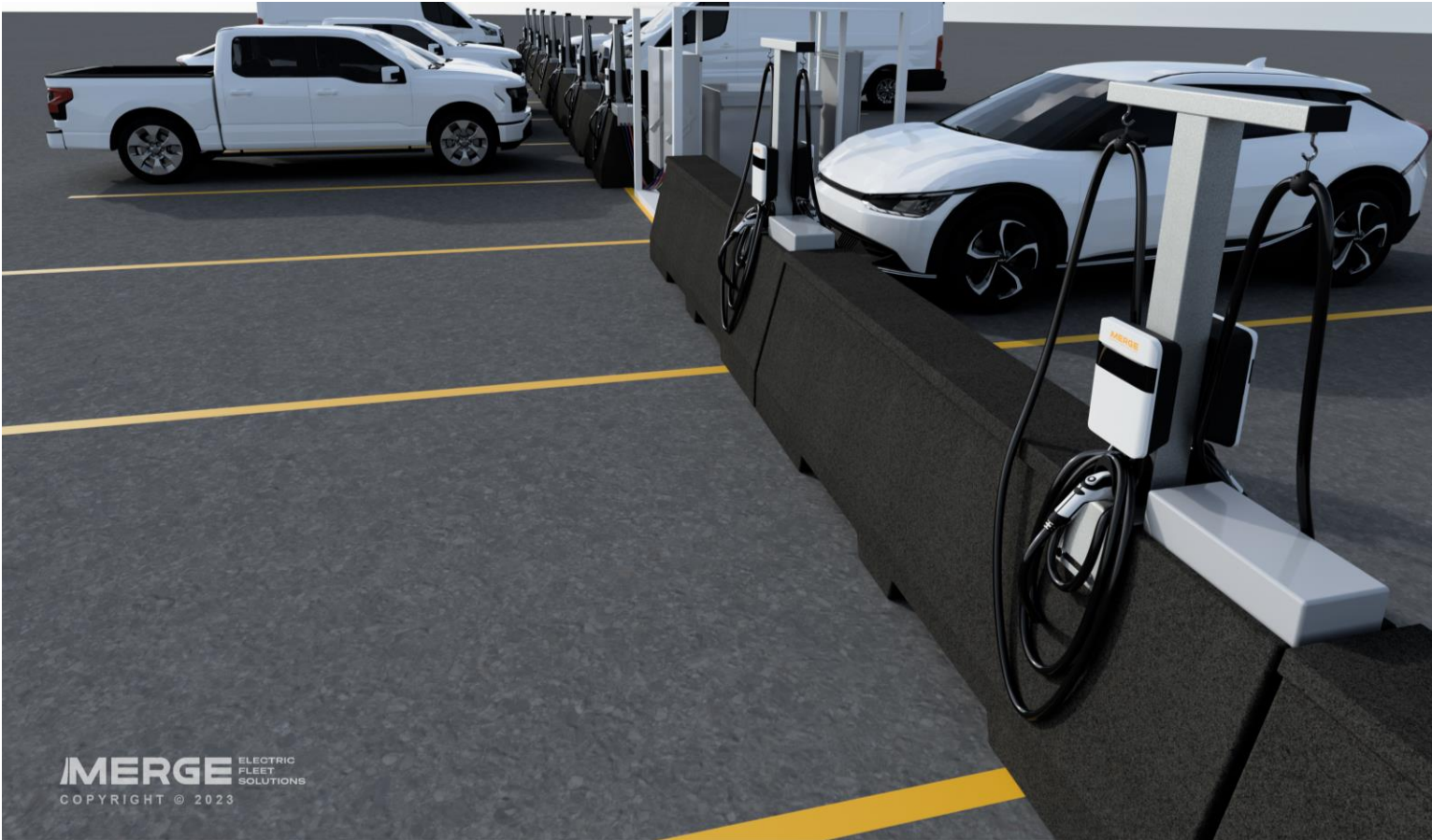
Conventional Charging Infrastructure Pain Points

- 1 Lead time and cost of design, permit, equipment, and skills
- 2 Incompatible with leased facilities and encumbrance of owned real estate
- 3 Unpredictable timing and cost
- 4 Inflexible decisions cast in concrete
- 5 Long and disruptive construction processes
- 6 A few EVs are easy, but scaling is hard
- 7 What I install today will not work tomorrow



Merge's flexible infrastructure solutions were designed to relieve fleet infrastructure pain points

Flexible Charging Infrastructure



Focused on optimizing the electrical and civil work which is 80% of infrastructure spend

Integrates civil, electrical, and digital capabilities

Deploys more quickly with services that are more efficient, lower cost, more reliable

Allows for expansion, reconfiguration, and redeployment

Merge can quickly launch a charging operation that can grow, change, and move along with the business



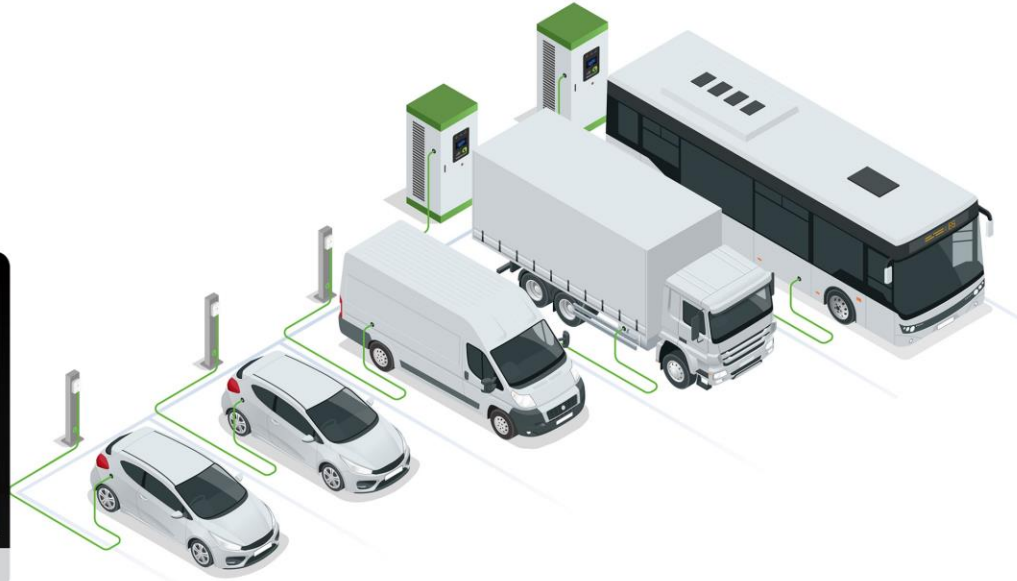
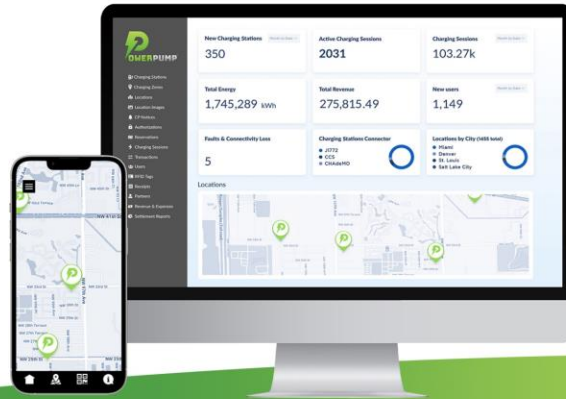
PowerPump is an electric vehicle (EV) smart charging network provider that enables drivers, hosts, and fleets to charge with ease. We offer property owners and businesses the ability to manage multiple charge stations and locations on one platform efficiently.

Our charging stations are UL listed, Energy Star, SASD Certified, Eligible for Rebates & Incentives and approved by several Electric Utility Companies (Ameren, Austin Energy, Xcel Energy, Eversource, Southern California Edison, Rocky Mountain Power, National Grid, PSEG, PGE, BGE, PEPCO...)

The primary key feature of our charging stations is their scalability.

Our charging stations boast a scalable feature that allows for easy configuration of charging capacities, ranging from 60kW to 180kW, catering to the specific requirements of the charging site. This scalability not only meets current needs but also enables future expansion without the necessity of replacing the entire cabinet. This approach saves both time and resources for our clients.

PowerPump is a subsidiary of CCM International, a company specializing in the development of charging technologies since its founding in 1995.



Smart Charging Station Management System

- ✓ Monitors, configures and maintains your charging infrastructure.
- ✓ Real-time analytics & monthly reporting.
- ✓ Manage multiple charging sites and locations.
- ✓ Set pricing per kilowatt hours or by time.
- ✓ Detailed reports on station usage and energy consumption by location.
- ✓ Dynamic load management and smart charging.
- ✓ Works with all charging stations by using standardized communication protocols.
- ✓ Open API and integrations.
- ✓ EV Roaming and direct P2P integration through OCPi





Level 3 DC Charging Stations

SCALABLE

60kW, 120kW, 150kW, 180kW

PowerPump DC Fast Charging Stations

come with a modular design,

allowing for easy scalability from a smaller to a larger setup,
without the expense or time required to
swap out the entire unit.



60kW Mobile DC Charger
Simply connect to a 480V AC
wall socket and start charging.

Compact design. No fixed installation,
can be moved to charge anywhere it can be
plugged in.



←-----→
30.5"H x 24.5"W x 30.7"D

The PowerPump 60kW Mobile DC Charger is built
with the daily activities of service and maintenance
personnel in mind. With no fixed installation required,
you'll save thousands on infrastructure costs.

Mobile 60kW DC Charging Station

PORTABLE. SIMPLE. DURABLE



Level 2 Charging Stations

With Adjustable Amperage

Delivering up to 22kW 100 amps to any EV.

Whether you are a driver of an EV, a commercial business owner, a landlord, a municipality, a school or a utility company, PowerPump has the charging station for you!

Adjustable Output
6A to 100A

Single-unit architecture
for simplified installation

J1772 and NACS
Connector Options

Serviceable by Design
Front Door Access

Maintenance can be managed by
single person

Retractable 25ft
Charging Cable

10 inch Daylight
Readable Touchscreen

Diode Strip Lights

Plug and Play / RFID Card

Simultaneous
Charging

Charges 2 vehicles simultaneously

Emergency Stop Button

Ethernet, Wi-Fi and 4G



59"H x 18"W x 8"D



www.powerpump.com

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02 Meet our Smart Chargers



Compact

Highest power output per size on the market.



Connected

Via Wi-Fi and bluetooth

*business line with Ethernet



Smart

Dynamic load balancing and Eco-Smart



Easy-to-use

Personalized and secure user interface, iOS and Android APP, WiFi and Bluetooth



Embedded Software

Free APP myWallbox and OCPP 1.6



Durability

Water resistant with NEMA 4 rating and 3 year warranty



Assembled in the USA



02 Small is powerful

THE PULSAR FAMILY



Up to 11.5kW

Compact

4.4 lbs. and size of your hand.
It can be installed outdoors.

Connected

Connect Pulsar Plus via Wi-Fi
or Bluetooth with your phone

Controllable

Access a full range of
functionalities on the
myWallbox App. Pulsar range
is also compatible with OCPP
platforms 1.6 JSON

On Board Intelligence

Access your charger even
when you can't connect to the
internet in your garage or
parking spot.



THE NEWEST MEMBER OF THE PULSAR FAMILY

02 Pulsar Pro for shared spaces

RFID

New, simpler way to access and pay

Enhanced Security

Tamper detection, secure update, secure boot, secure storage and encrypted communications to prevent damage and cyber-attacks

Dynamic Power Sharing

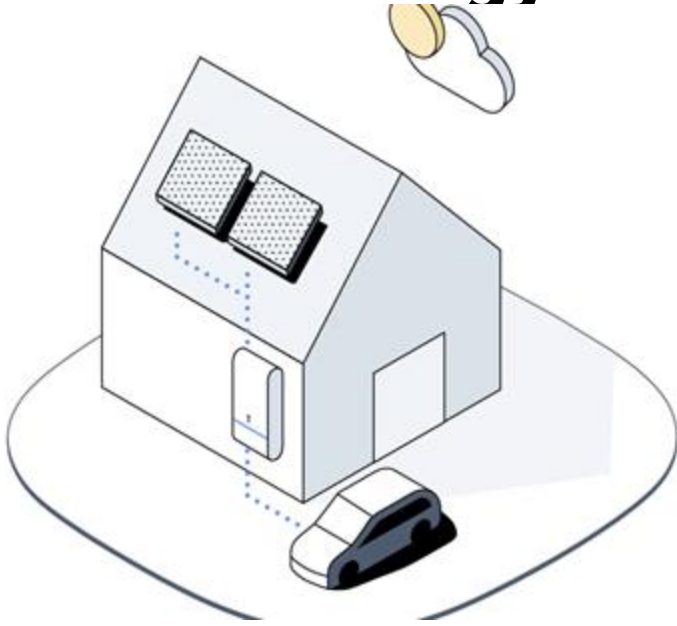
Up to 50 chargers for unparalleled scalability

Optimized for Installers

Faster installation - Improved service and maintenance - Remote management - Energy optimization



02 Home Energy Management Solution



1. Energy Savings that fit the way you live

V2X

Charge when energy is cheapest, then use that energy to power your Home/Grid when expensive.*

Eco-Smart

Obtain a breakthrough economics by storing Solar energy surpluses in your EV to self consume later one.



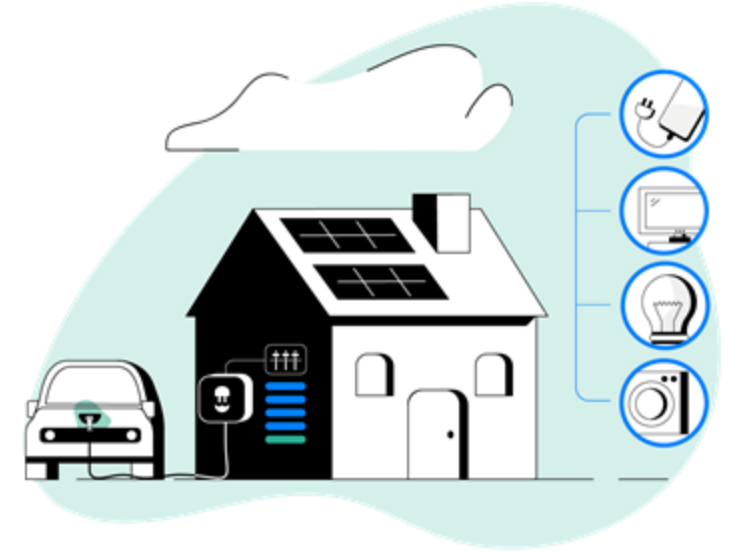
2. Intuitive, Automatic & Unattended Solution

Hands-free

Setup the Charge/Discharge schedules and let Quasar 2 do the Job.*

Reports & Statistics

Full control from the palm of your hands. Real-Time 24/7 overview of your energy consumption.



3. Stay safe @Home

Power Boost & Preventive Discharge

Use your EV to avoid tipping and supplement your home's allotted energy while reducing your contracted power.

Island Mode

Use the energy from your EV to remain disconnected from the Grid during 3/4 days.*

*Quasar 2 only



PETROLEUM
— GROUP —

Electric Vehicle Supply Equipment NCTCOG EVSE Expo

January 17, 2024

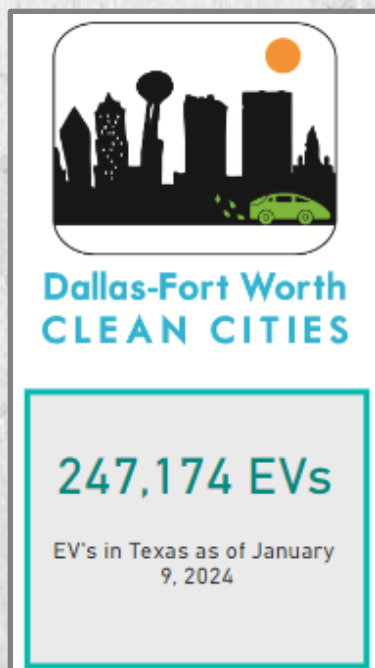
The Future of Mobility is Electric



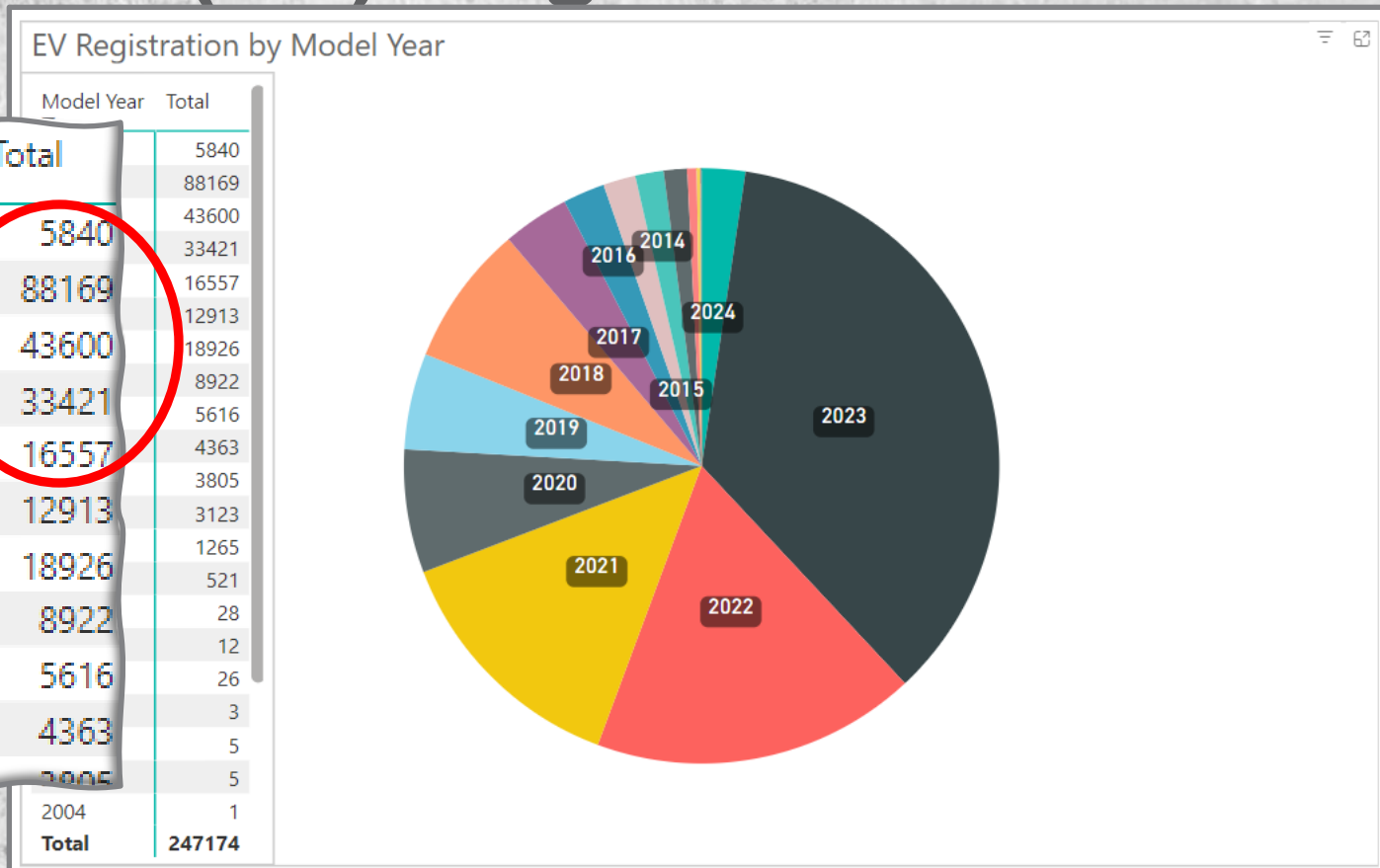
EV charging demand will increase by 5 times by 2030. Are you ready?



Texas Electric Vehicle (EV) Registration Tool *

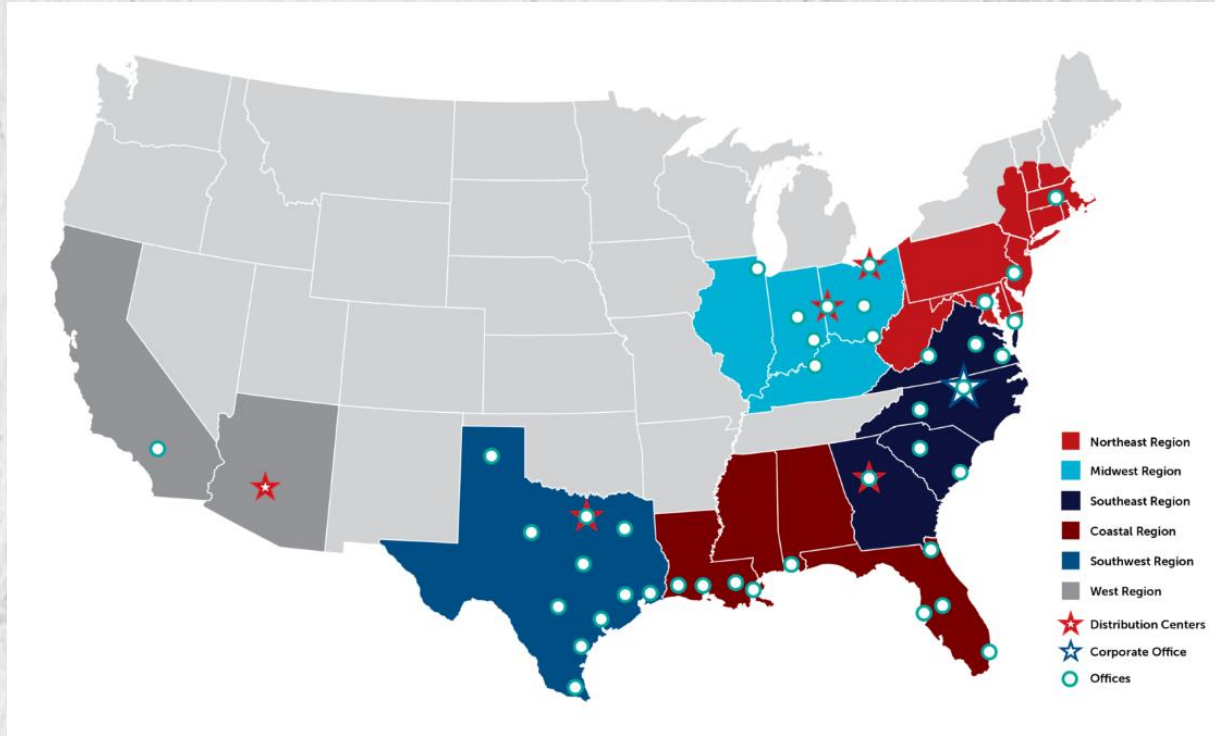


Model Year	Total
2024	5840
2023	88169
2022	43600
2021	33421
2020	16557
2019	12913
2018	18926
2017	8922
2016	5616
2015	4363
2014	2005



This tool was produced by the [Dallas Fort-Worth Clean Cities Coalition](#) and the [North Central Texas Council of Governments](#), in utilizing the State of Texas Department of Motor Vehicle (DMV) registration data and the [Atlas EV Hub](#) vehicle identification number (VIN) decoder. For more information or questions regarding the data and methodology email cleancities@nctcog.org. To download current Texas electric vehicle (EV) registration data and to access the North Texas, Texas State-Wide and Historic EV Registration tools, please visit our [Electric Vehicles North Texas \(EVNT\) website](#).

PSI JF Petroleum Group



- JF Petroleum Group is the nation's leading distributor of retail and commercial fueling systems, facility construction, equipment installation and repair
- Eleven TX Offices, former Petroleum Solutions Inc. (PSI)
 - Added EVSE to product lines in 2018 with ChargePoint Distribution Agreement
 - Added Gilbarco Veeder-Root in 2020, FreeWire Boost in 2021
 - Installation and Service Techs in each market
 - Construction and Electrical Resources are not present in all offices



Thank You



PETROLEUM
— GROUP —

KEVIN JESSUP


Distributor Sales Representative
EVSE

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Houston, TX 77032

C: 832.819.8178

O: 281.449.4027 ext. 7142

 **SERVICE** | 800.286.4133

Partners in EV Charging



Winn-Marion Companies

EV Charging Solutions

ABB

The Winn-Marion Difference

- Established, 50-year-old company.
- Strong relationships with key utility and state entities.
- Dedicated in-house electrical team, not subcontractors.
- Well-versed in local incentives, grants, tax incentives and rebates.
- Local support for faster response times.



Terra AC



DC Wallbox 24



Terra 54, Terra 94, Terra 124, Terra 184



Terra HP 150, 175, 350 Depot



Pantograph HD 150 - 450



Service

Industrial Electrical Contractor

Electrical System upgrades | Troubleshooting | Design,
Installation and Commissioning | UL508A panel shop |
Custom Switchgear Builds | Turnkey Solutions EV
charging

Operational efficiency and life cycle management

Preventative Maintenance | Spare Parts | Drive
exchange Troubleshoot & Repairs

ABB certified a VFD and EV Charger Warranty repairs

1 yr Extended Warranty on select ABB VFD's



We Install, Commission and service our products



ABB Solution Offering

- Terra 124/184 High Current

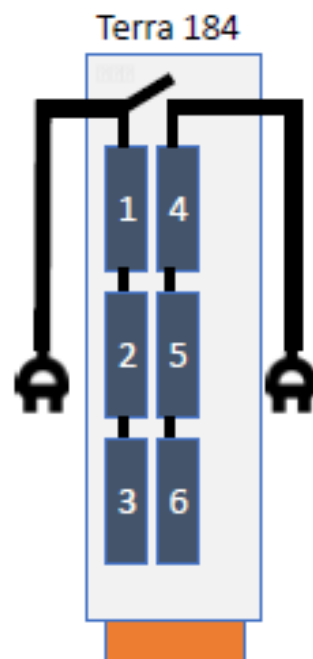


Terra 184 C
Single outlet CCS with
credit card reader



Terra 184 C
Dual outlet CCS
and CHAdeMO with
credit card reader

- All-in-one unit (separate power cabinet not required)
 - [Lower Installation costs](#)
- Power sharing capabilities
- 6 x 30kW power modules for high reliability and uptime
- 400A peak air-cooled cables allow increased charging speeds
 - Air-cooled [increases charger reliability & serviceability](#) vs. liquid-cooled
- Integrated RFID and credit card reader
- 4G LTE cell connection, OCPP 1.6J compliant, OCPP 2.0.1 in development
- UL 2202 & CSA NRTL Listed, 480V/277V WYE AC Input
- [CTEP compliance](#)
- Plug and Charge ISO 15118: in development, by Q3/2023
- 7" bright touchscreen HMI screen
- High voltage DC charging up to 920 VDC for next gen and fleet EVs
- Robust all-weather, powder-coated, [stainless-steel](#) enclosure
- Integrated cable management systems
- [ADA compliance enabled](#)
- [Buy America Available](#)



[Datasheet](#)

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- ✓
- ✓
- ✓
- ✓
- ✓

**Design
Build
Install
Commission
Warranty**



**Smart Charge
America**



**NCTCOG
Regional EV Infrastructure Working Group**

Joseph Barletta, Founder & CEO

The EV Charger Installation XPERTS

RESIDENTIAL



SERVICE



COMMERCIAL



Established 2007

1st US-based EVSE Installation Company

35,000+ Chargers
Installed in USA

Smart Charge America Locations

30



DESIGN



PLAN



DISTRIBUTE



INSTALL



SERVICE

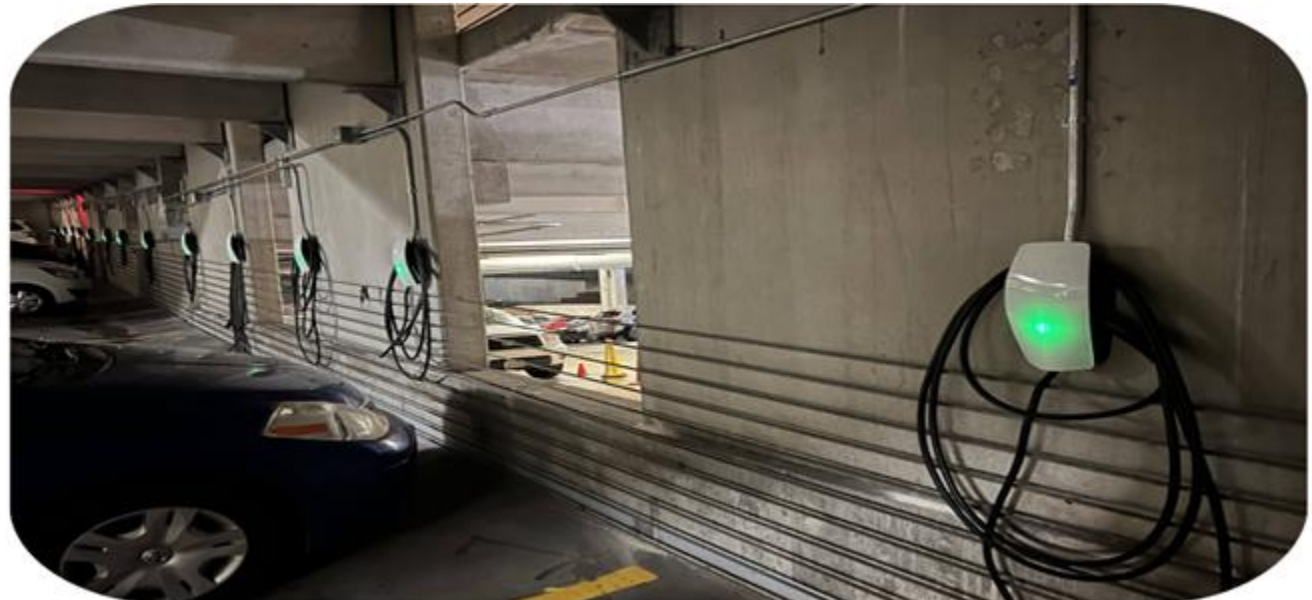
SOP: INSTALLATION & Service CONTRACTS



TESLA

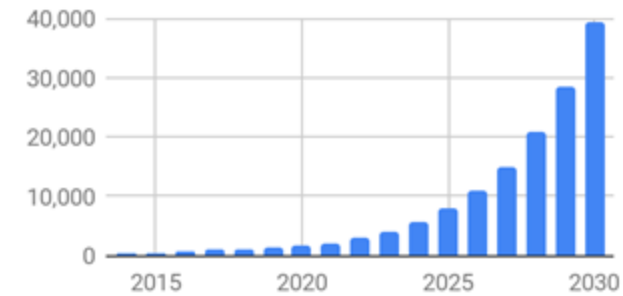


—chargepoint+®



40,000+ charging ports per year
installed nationwide in 2030

Sales - Installation Forecast - 2030



EV Charging as a Service

Delivering subsidized EV charging to underserved communities

Prepared by:



Meet the Team

The WISE Difference



Founded by Kevin Williams, WISE EV offers turnkey “EV Charging as a Service.” WISE has developed a comprehensive approach that combines industry-leading technology, forward-thinking site development, and thorough financial planning to deliver maximum value from EV Charging with an emphasis on underserved communities.

SIEMENS

Siemens is a world-leader in technology providing American-made EV charging equipment, on-going technical support, and expertise for site hosts and charge point operators.



Center for
Sustainable
Energy®

The Center for Sustainable Energy provides insight and guidance in the selection and development of EV charging locations using its proprietary Caret charger siting tool.

The Roadmap

The WISE Difference

WISE has developed a roadmap to help Eligible Entities navigate the process of accessing funds to support the development of EV Charging sites in underserved communities.

The comprehensive solution looks at the entirety of the opportunity — from the initial site selection through ongoing management — to deliver maximum economic benefit to site hosts and their communities.

In addition to seeking out government subsidies and rebates, WISE helps site hosts acquire capital and establish partnerships to reduce the cost of entry for charge point operations.



Site Project Template

Charge Point Operator WISE EV has prepared the Site Project Template identifying appropriate locations for EV Charge Points meeting the requirements of the reimbursement programs.



Funding Eligibility

Eligible Entities (ie state or municipal governments, regional transit authorities, etc.) determine method for applying for access to funding and assign appropriate personnel to oversee Grant Writing and Submission.



Preparation and Readiness

The EV Charging Infrastructure for Communities Readiness Guide, produced by WISE EV, guides Eligible Entities in development of a thorough strategic site development and management plan to aid in Grant Writing.



Grant Writing / Submission

Grant requests are submitted by the Eligible Entity to the Federal Department of Transportation requesting access to funding.



Project Development

Upon funding approval, the Eligible Entity issues RFPs or select solution from Sourcewell and enter into development and support agreements with equipment supplier, installer, developer, and support provider.



Site Operation / Management

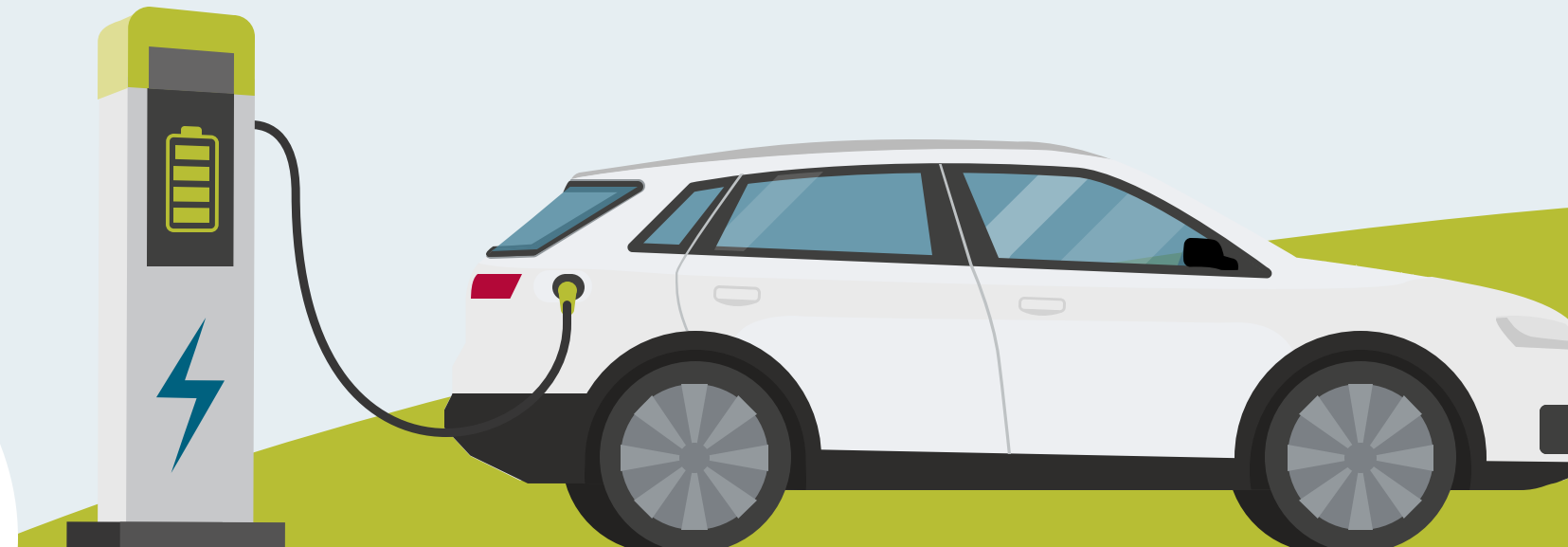
The Eligible Entity enters into an on-going site maintenance and management agreement that includes cost, economic, and environmental impact analyses.

Zero-Emission Vehicle Consulting Services

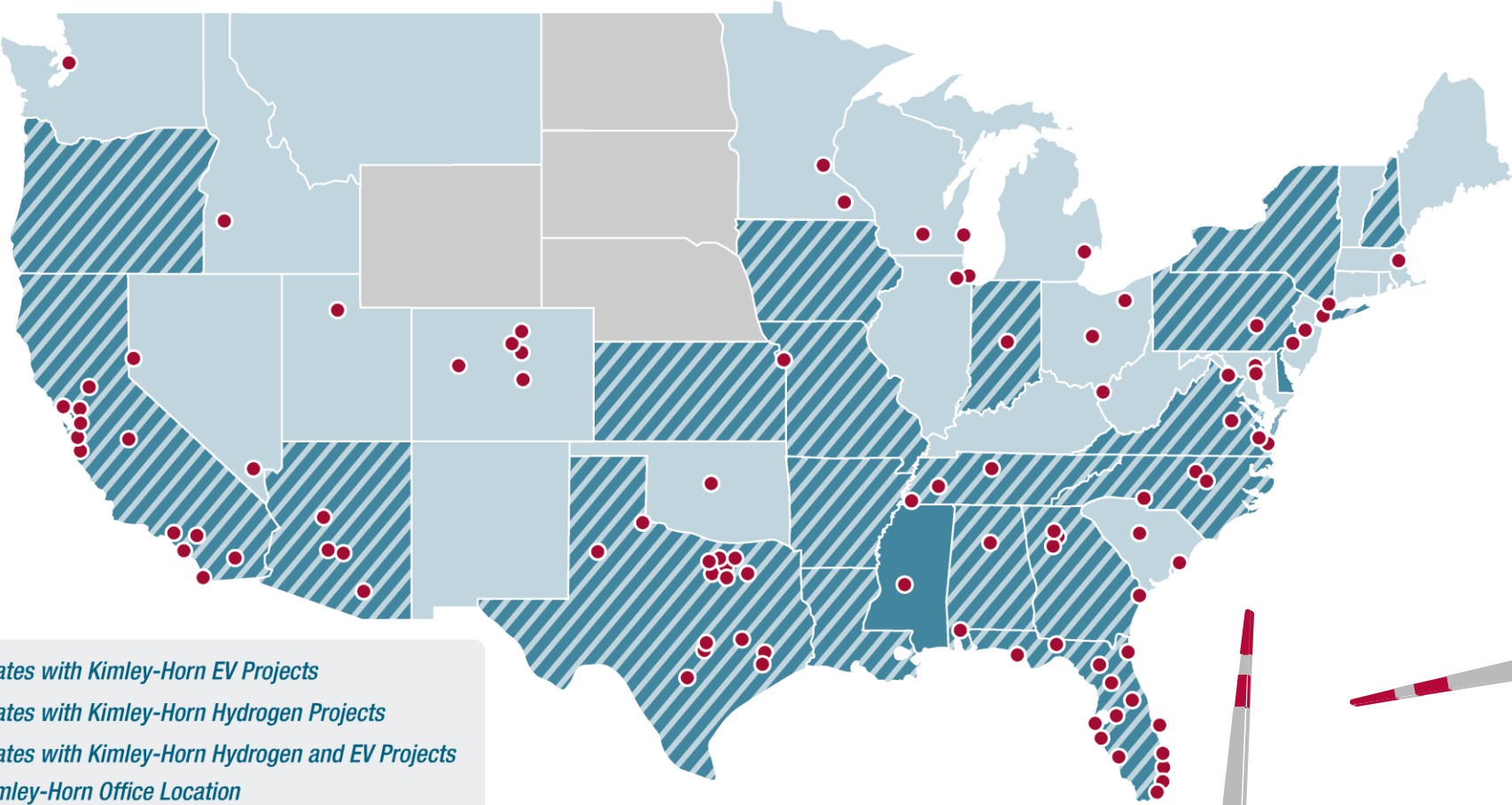
Presented by **Jose Correa, P.E. & Eric Jeon** | January 17th, 2024

Kimley»»Horn

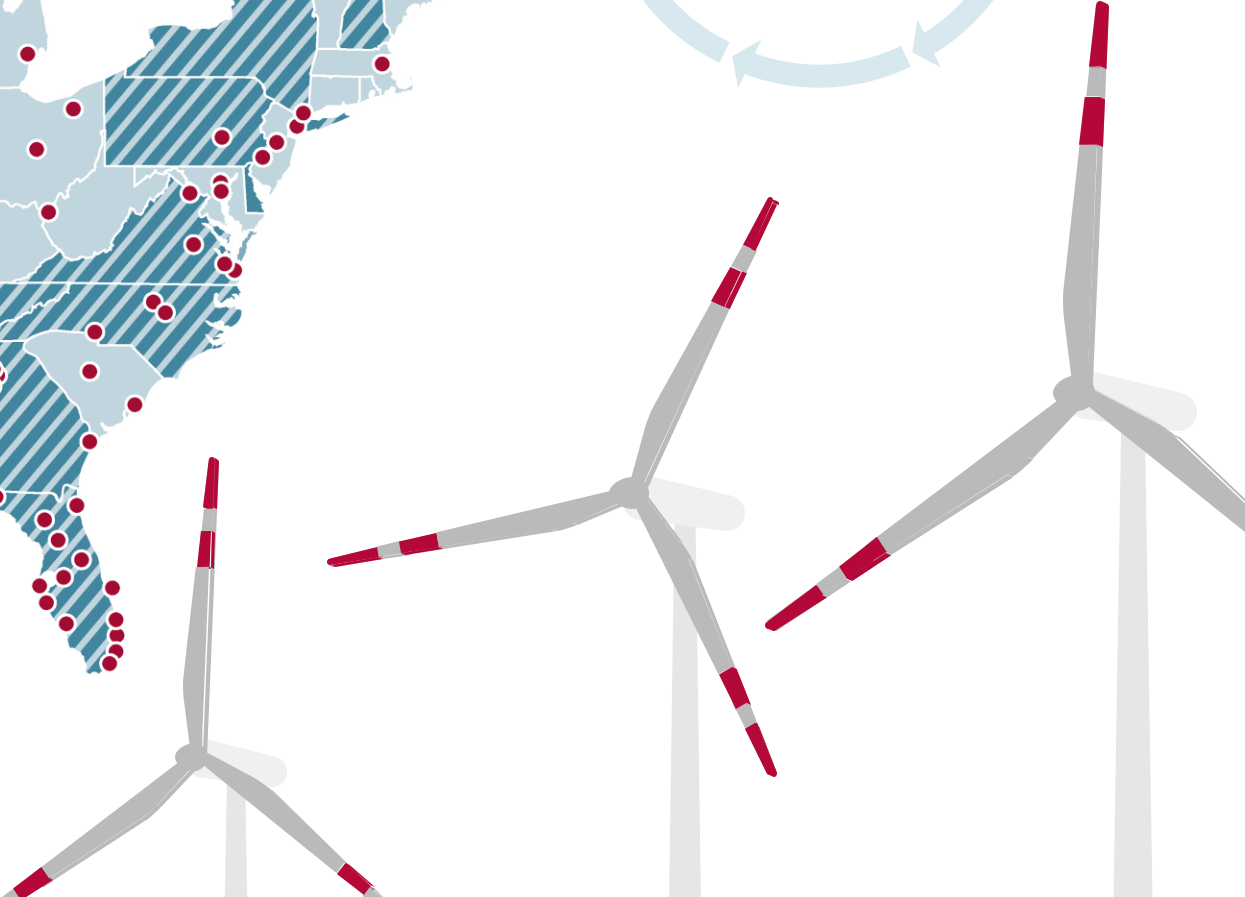
Expect More. Experience Better.



Zero-Emission Vehicle Experience



- States with Kimley-Horn EV Projects
- States with Kimley-Horn Hydrogen Projects
- States with Kimley-Horn Hydrogen and EV Projects
- Kimley-Horn Office Location



Typical Consulting Services



Americans with Disabilities Act (ADA) Compliance



Environmental Engineering and Renewable Energy



Host Site Coordination and Selection



Due Diligence and Site Selection



Manufacturer/Equipment Procurement



Signage Design and Permitting Support



Electrical Engineering



Life Cycle Analysis



Utility Coordination



Power Access Assessment



Parking and Traffic



Site Circulation Design



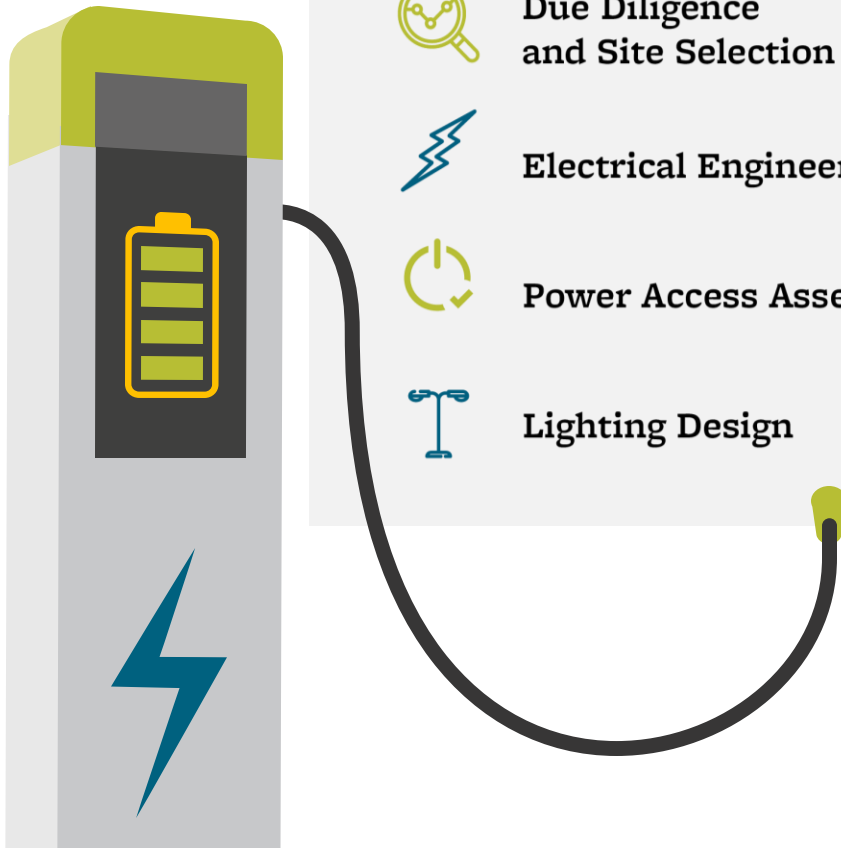
Lighting Design



Battery Storage Design



Civil and Structural Engineering



Representative Clients



Thank you!



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972.471.9423



EV Charging Expo

- Vendor displays are set up in the Metroplex and Pitstick rooms
- We will reconvene at **3:50** for NCTCOG DFWCC and Funding Update presentation

Vendors in Attendance:

Kempower, Inc.

Envirospark Energy Solutions

Shell/Volta Charging

Blink Charging

Merge Electric Fleet Solutions

PowerPump

Wallbox Chargers USA

PSI JF Petroleum Group

Winn Marion Companies

Smart Charge America

WISE-EV

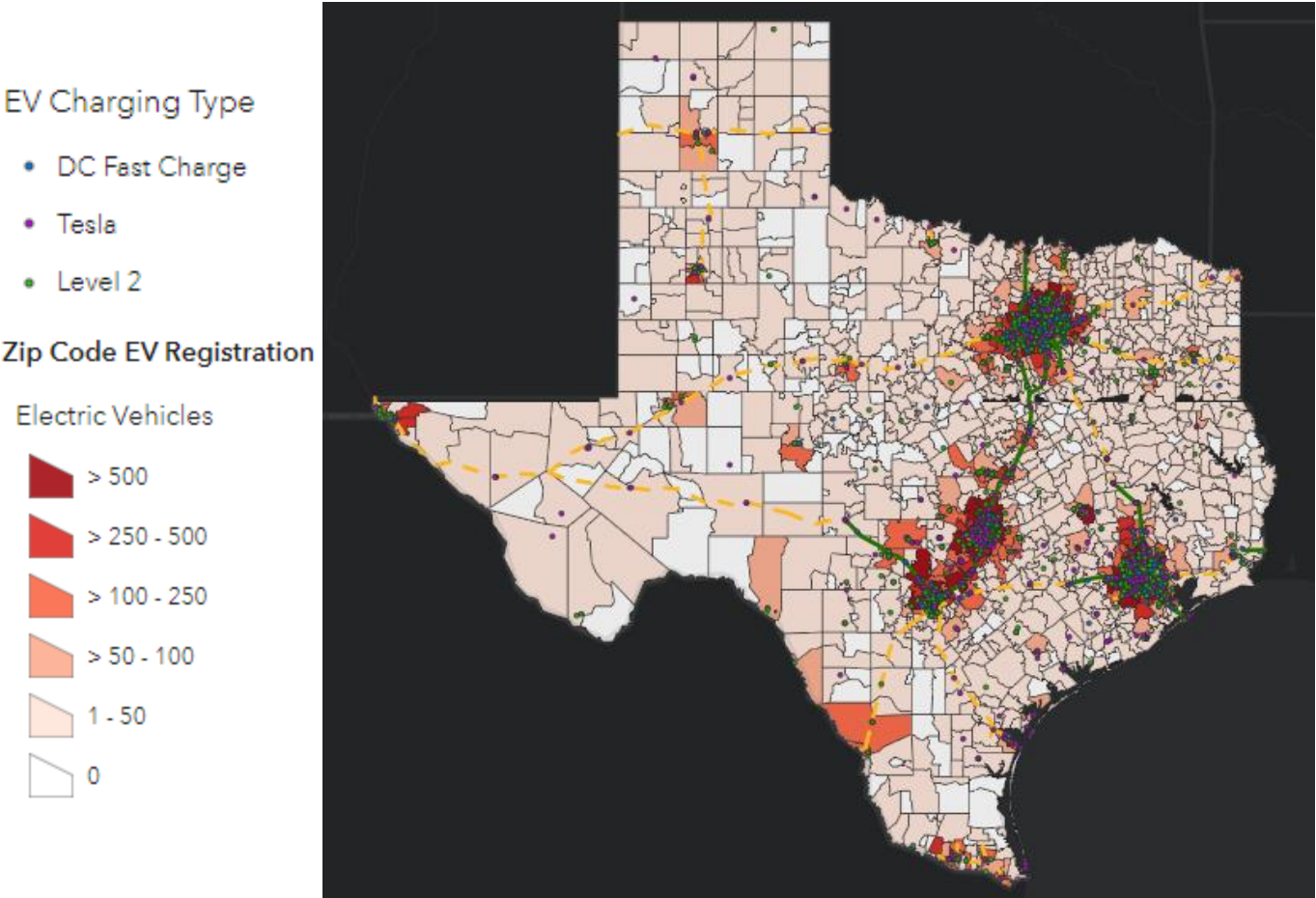
Kimley-Horn

*Working Group meetings are recorded and posted on www.dfwcleancities.org/events



Regional EV Infrastructure Working Group

Texas Data and Trends



Electric Vehicle (EV) Registration Data

www.dfwcleancities.org/evnt -> EVs and Texas

Region	January 2023	January 2024	Increase
Texas	163,836	245,666	50%
DFW	58,609	91,322	56%
Austin	34,334	48,314	41%
San Antonio	15,850	22,820	43%
Houston	38,588	60,322	56%

<https://afdc.energy.gov/stations>

Charging Sites Statewide (includes Tesla):

2,632 Level 2

408 DC Fast

DALLAS-FORT WORTH AIR QUALITY IMPROVEMENT PLAN

Funded through the Environmental Protection Agency's Climate Pollution Reduction Grants

For more information go to www.publicinput.com/dfwAQIP

NCTCOG is seeking feedback on what air quality improvement strategies the region should implement! Go to the “Take a Survey” tab on the DFW AQIP webpage to provide feedback.



2023 Annual Survey

2023 Online Survey Available Now - dfwcleancities.org/annualreport

Annual Survey Demo + Q&A Webinar on Wednesday, February 14 from 1:00-2:00PM CST

Email cleancities@nctcog.org to register

Things to Remember:

- Recognition Requires Clean Fleet Policy Adoption
- Tell Us Your Project Interests – Especially for Grant Funding
- Fleet Challenge Goals Must be Quantifiable for Recognition
- Complete All Survey Sections – Reach Out to Us for Help

Charging & Fueling Infrastructure Community Program Application

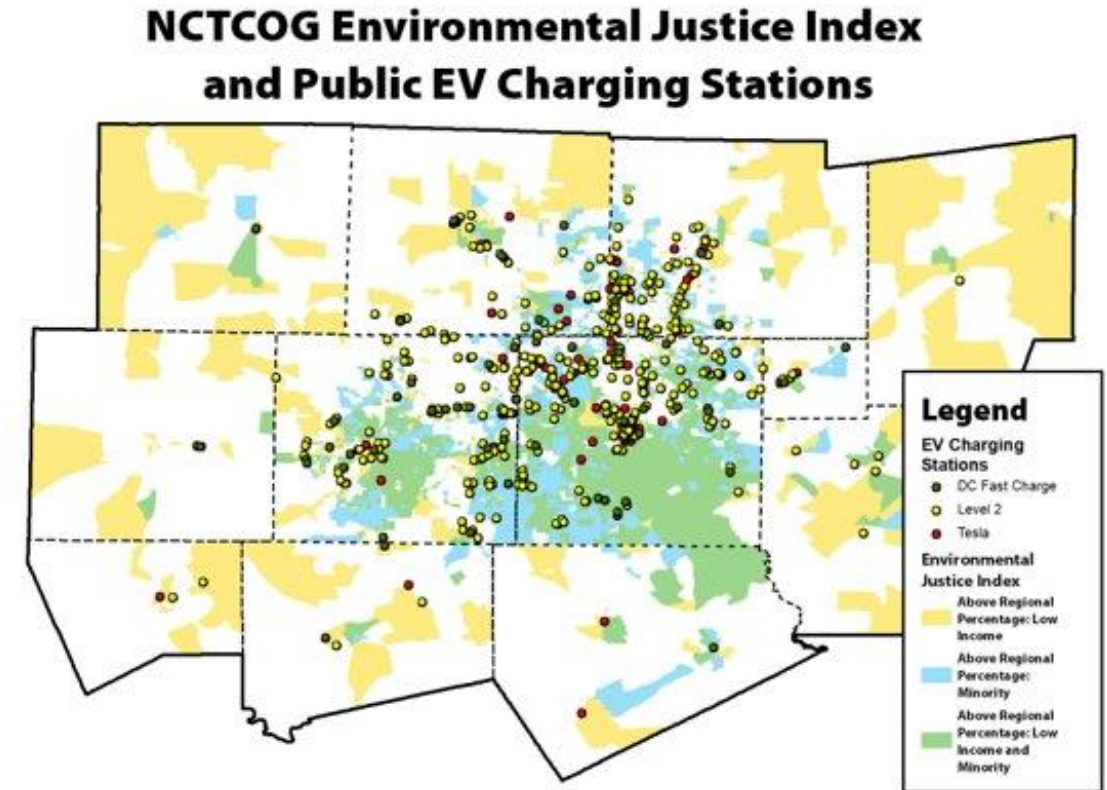
Applied on behalf of the region

- Build EV charging stations to provide up to 100 charging ports regionwide
 - At least 50% in Justice40 Areas
 - Emphasizing Focus Areas

Create specialized technical teams to streamline implementation

- Zoning, permitting, codes, Buy America, NEPA, etc.

Awarded \$15 million

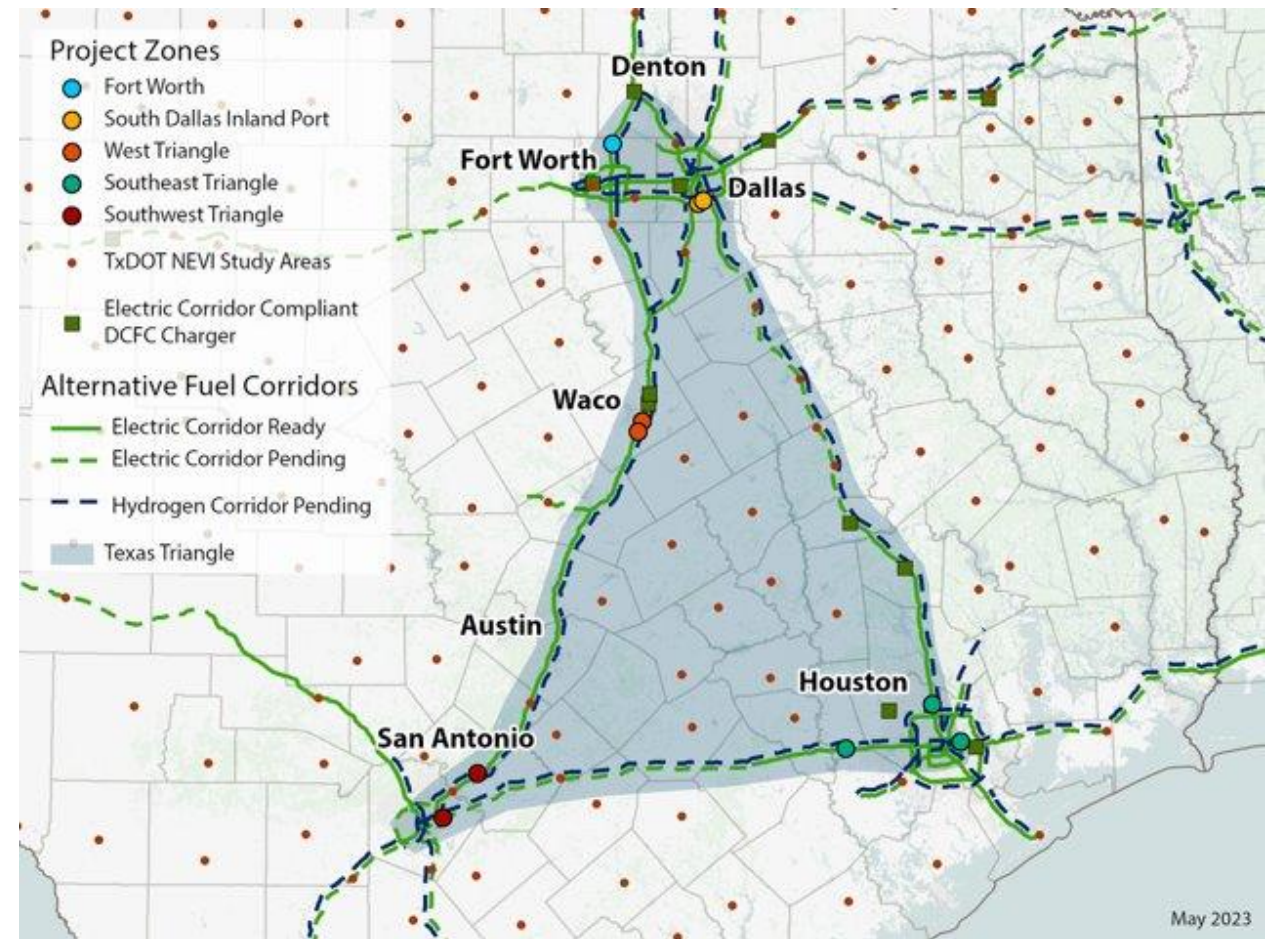


Charging & Fueling Infrastructure Corridor Program Application

Need for zero-emission medium/heavy-duty truck infrastructure

Applied for hydrogen refueling near Alliance Texas Mobility Innovation Zone, Southern Dallas County Inland Port, and around Texas Triangle

Awarded \$70 million



Other EV Infrastructure Projects

TxDOT Texas Electric Vehicle Infrastructure Plan Phase 2 – [Texas electric vehicle planning \(txdot.gov\)](https://www.txdot.gov/texas-electric-vehicle-infrastructure-plan)

- NCTCOG 12-County MPA allocated \$64.5M to deploy EV infrastructure
- Work with TxDOT to add infrastructure along secondary highways and community charging areas
- Rural infrastructure development focused on County Seats

EMPOWER Workplace Charging – workplacecharging.com

- Outreach and education project that provides support and resources to employers and employees interested in workplace charging
- Contact NCTCOG at cleancities@nctcog.org if interested in resources to aid installation of workplace charging

EV Charger Reliability and Accessibility Accelerator Program

- Applied on behalf of the region to replace existing non-operational charging stations in coordination with charging stations companies

Funding for Infrastructure

Program/Incentive	Eligible Activities	Funding Amount	Deadline to Apply
Alternative Fuel Infrastructure Tax Credit	Installation of qualified fueling equipment, such as EV charging infrastructure, in eligible locations	Up to 30% tax credit	December 31, 2032
TERP Alternative Fueling Facilities Program	Funds new construction or the expansion of existing alternative or natural gas fueling facilities	Up to \$400,000 for a compressed natural gas CNG or LNG project Up to \$600,000 for a combined CNG and LNG project Up to 50% or maximum of \$600,000, whichever is less, for fuels other than natural gas	Closed; Expected to open January 2024
Rural Business Development Grants	EV charging stations can be funded through this grant if local small businesses can provide Letters of Support that state the charging stations will support job growth/retention	There is no maximum grant amount; however, smaller requests are given higher priority. There is no cost sharing requirement. Opportunity grants are limited to up to 10 percent of the total Rural Business Development Grant annual funding.	Closed; Expected to open Spring 2024
Charging and Fueling Infrastructure Discretionary Grant Program	Funds publicly accessible EV charging infrastructure and other alternative fueling infrastructure projects	Up to 80% of project costs	Closed; Expected to open 2024



Funding for Electric Vehicles

Program/Incentive	Eligible Activities	Funding Amount	Deadline to Apply
Commercial Electric Vehicle (EV) and Fuel Cell Electric Vehicle (FCEV) Tax Credit	New EV, Plug-In Hybrid Vehicle (PHEV), or FCEV	15% of the purchase price for PHEVs, 30% of the purchase price for EVs and FCEVs, Maximum tax credit of \$7,500 for vehicles under 14,000 lbs. GVWR and \$40,000 for vehicles over 14,000 lbs. GVWR	No Deadline
TERP Light-Duty Motor Vehicle Purchase or Lease Incentive Program	New purchase or lease of a light-duty EV, PHEV, or FCEV	Up to \$2,500	Available on a first-come, first-served basis through March 22, 2024
TxVEMP All-Electric Grant Program	Replacement or repower of eligible heavy-duty diesel vehicles or equipment and infrastructure	Up to 100% of the incremental cost of the project for government entities	First-come, first-served until August 31, 2025

Research more funding here: www.nctcog.org/aqfunding

Texas Volkswagen Environmental Mitigation Program

All-Electric Grant Program

Purchase New Battery or Fuel Cell Electric Vehicle/Equipment to Replace or Repower Existing Diesel	Funding Available to DFW Area as of January 10, 2024 (First-Come, First-Served)	Funding Threshold
Class 4-8 Local Freight or Port Drayage Trucks GVWR 14,001 Pounds and Up Used to Transport Freight, Cargo, or Refuse Model Year 1992-2009	\$466,353	For Government Entities: <u>Up to 100% of Incremental Cost</u>
Class 4-8 School, Shuttle, or Transit Buses GVWR 14,001 Pounds and Up Used to Transport Passengers within a City or Defined Region Model Year 2009 or Older		For Non-Government Entities: <u>Up to 75% of Incremental Cost</u>
Airport Ground Support Equipment Tier 0, Tier 1, or Tier 2 Diesel Equipment 25 HP and Up Used to Service Aircraft Between Flights	\$1,635,703	“Incremental Cost” = the eligible cost of the project less default scrap value* and any other financial incentives, tax credits, etc.
Forklifts and Port Cargo Handling Equipment Tier 0, Tier 1, or Tier 2 Diesel Engines Must have Greater than 9,000 Pounds Lift Capacity	\$1,310,705	

*All old vehicles/engines/equipment must be scrapped; default scrap value = \$1000 for replaced vehicles/equipment and \$250 for replaced engines



Contact Us

Next Working Group Meeting: **February 21 from 2:00 -3:30pm** via Zoom



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**Dallas-Fort Worth
CLEAN CITIES**



dfwcleancities.org



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Regional EV Infrastructure Working Group