

Team Kentucky EV Charging Program

Stakeholder Meeting

October 23, 2024



Introductions



Justin Harrod

EV Charging
Infrastructure
Planning and
Deployment Lead
KYTC



Robert Frazier

EV Charging Planning
Consultant Team
Project Manager
HDR



Mindy Peterson

EV Charging
Communications
Consultant Team
Director
Parsons

Agenda

01

Welcome and
Introductions

02

EV Program
Progress

03

RFP #3
Update

04

Discussion:
DAC Outreach
Plan

05

Discussion:
Measuring
Success

06

Schedule and
Next Steps



EV Program Progress



Building a National Charging Network

- + NEVI is the National Electric Vehicle Infrastructure Formula Program.
- + It was established through the Bipartisan Infrastructure Law (BIL)
- + Funding to states is to strategically deploy charging stations.
- + The goal is to build an interconnected network



Kentucky's EV Plan Vision

A reliable, accessible, convenient, and affordable EV charging network that supports transportation choices, energy diversification, economic development, and environmental sustainability for all Kentuckians.



Team Kentucky: Leading the Charge

- + Thirty-eight fast charging stations from nine developers have been approved in Kentucky.
- + \$25 million in federal formula funds awarded in Kentucky to date.
- + KY is expected to receive nearly \$70 million in total from the NEVI formula program.



Team Kentucky: Leading the Charge

- + First EV fast charging station built with NEVI formula funds **now open in Richmond, KY**
- + Not only the first federally funded station in KY, but first in the Southeastern US
- + All located along Kentucky's 11 interstates and 8 parkways
- + Third RFP (request for proposals) could identify around a dozen additional stations



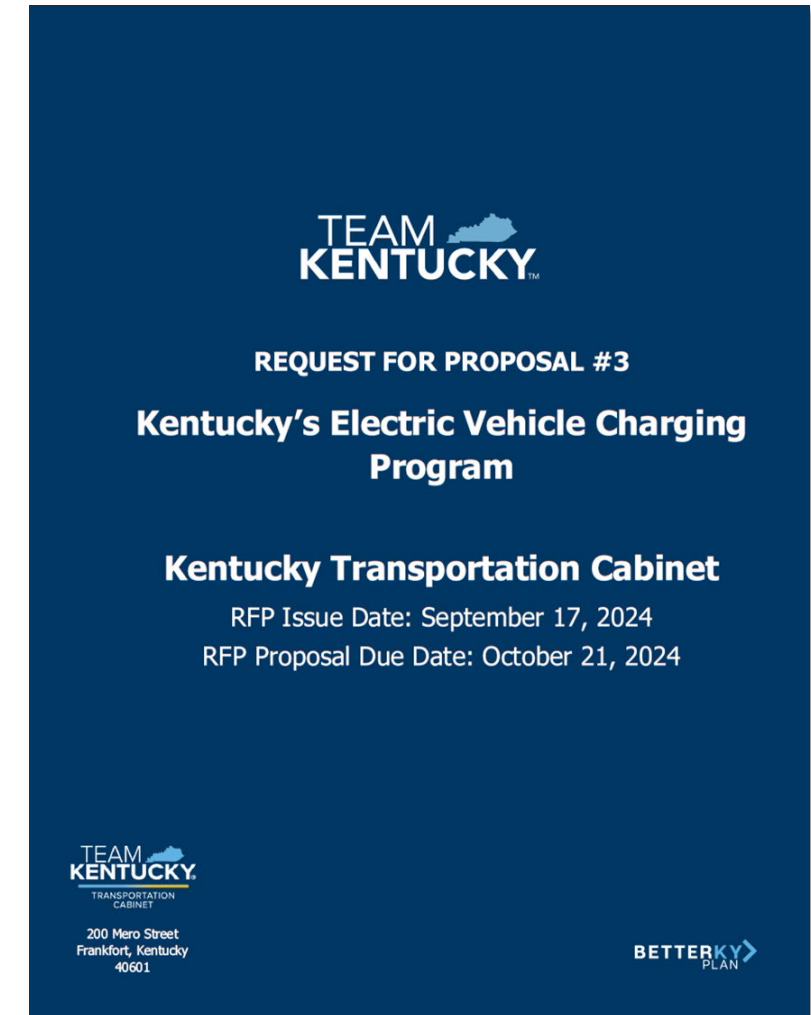


RFP 3 Update



Request for Proposals (RFP)

- + **RFP #3** requests proposals to **construct, own, operate, and maintain** NEVI-compliant DC fast charging stations in Designated Zones across Kentucky.
- + **12 Designated Zones** are identified to build out the Alternative Fuel Corridor network.
- + Proposals were due **Oct. 21**.
- + Notice of Awards expected **in December**.
- + Notices to Proceed expected in **February 2025**.

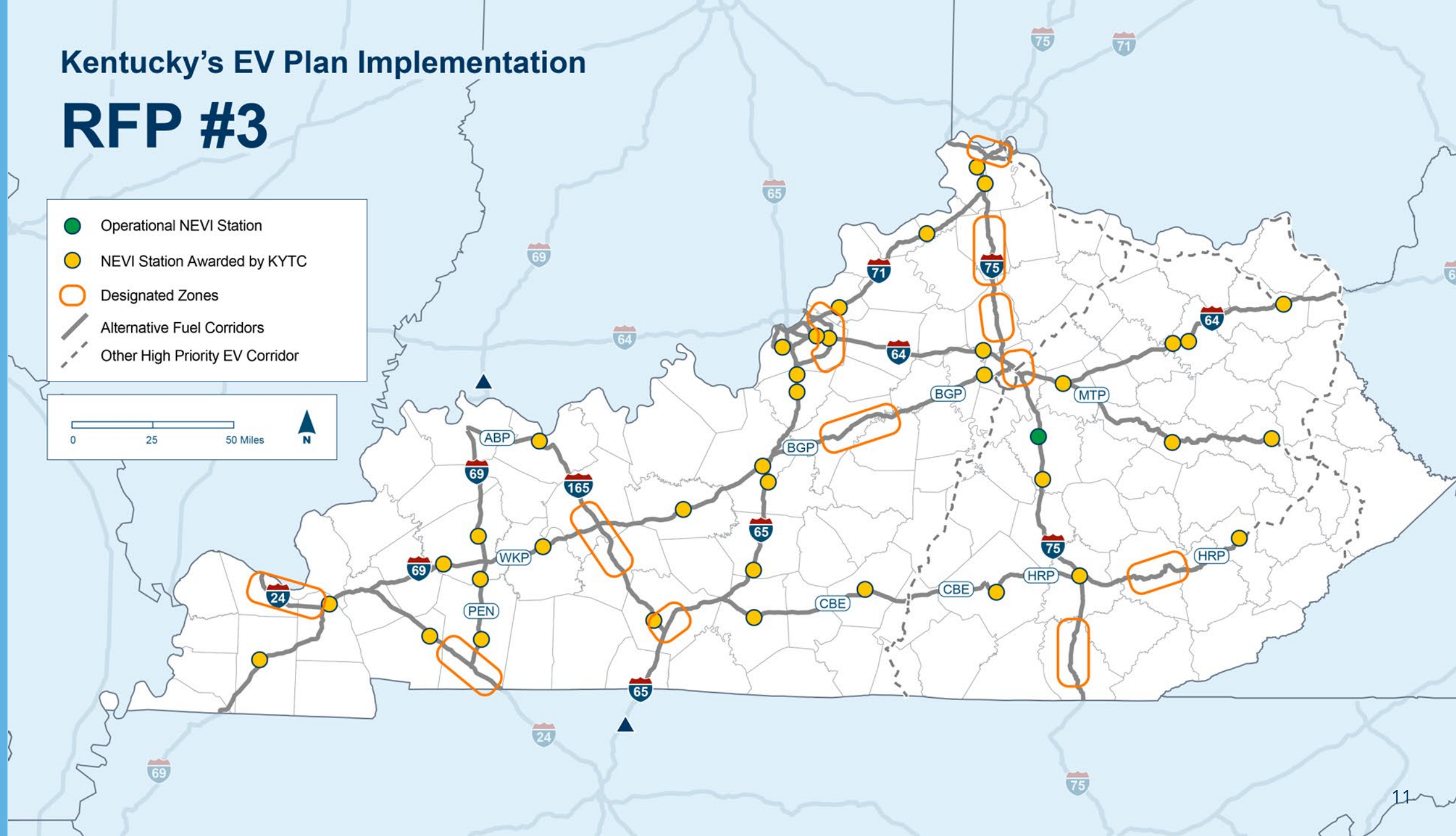


Kentucky's EV Plan Implementation

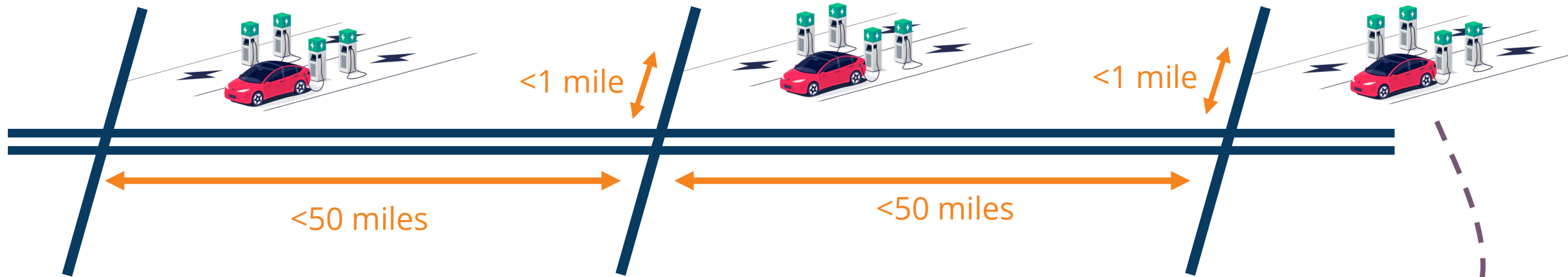
RFP #3

- Operational NEVI Station
- NEVI Station Awarded by KYTC
- Designated Zones
- Alternative Fuel Corridors
- - - Other High Priority EV Corridor

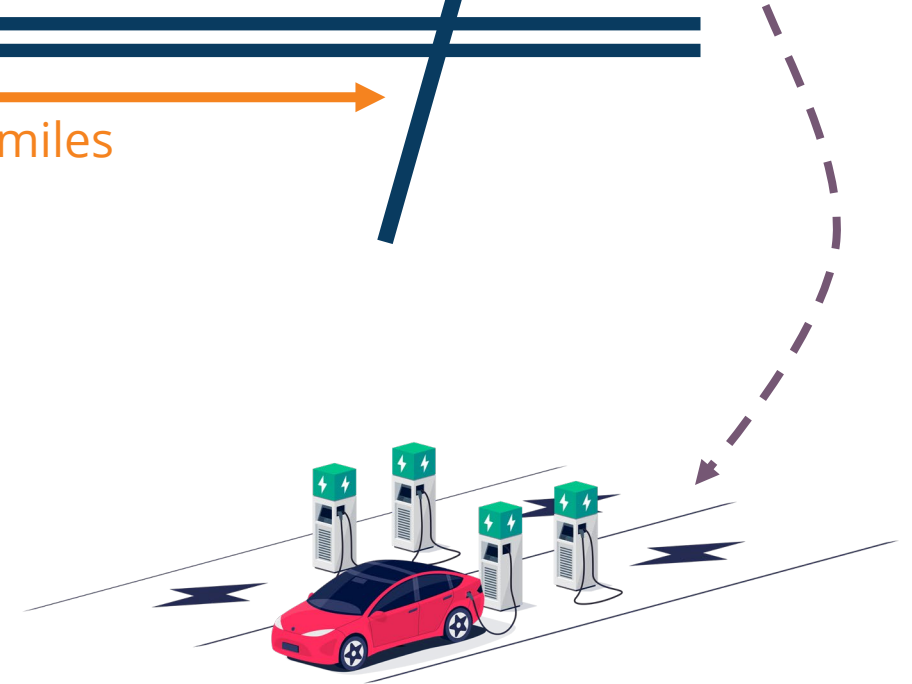
0 25 50 Miles



Phase 1 – AFC Network



- + Fewer than 50 miles between stations with stations within a mile from the corridor
- + At least four 150 kW DC Fast Charging Ports (600kW total) per station
- + Open to general public 24/7





38 SITES

Follow Our Progress



Active Charging Site



Charging Site
Under Construction



Awarded Charging Site



Future NEVI Site
(Awarded by other states)



Alternative Fuel Corridor



Other High Priority
EV Corridor



TEAM
KENTUCKY
TRANSPORTATION
CABINET

RFP #1 and #2 Results



	Submissions Received	Charging Stations	Developers	Federal Funding Allocated (millions)
RFP #1	150	24	7	\$15.4
RFP #2	55	14	6	\$9.5
Combined	205	38	9	\$24.9

Submissions Received



RFP 1 **150**

RFP 2 **55**

Total **205**

Federal Funding Allocated



RFP 1 **\$15.4**

RFP 2 **\$9.5**

Total **\$24.9**

Charging Stations



RFP 1 **24**

RFP 2 **14**

Total **38**

Developers



RFP 1 **7**

RFP 2 **6**

Total **9***

* 2 developers from RFP 1 were also awarded for RFP 2

EV Infrastructure Deployment Plan



Oct. 2024
FHWA-Approval
Anticipated



~1,500 Miles
Designated EV
Charging Corridors



~40 Million
Through FY 2024



~69.5 Million
Total 5-year Funding



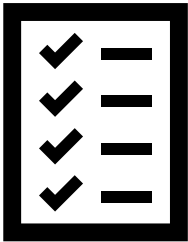
**Kentucky's Electric
Vehicle Infrastructure
Deployment Plan**
FY 2025 Update

August 30, 2024

Powering the KY EV Charging Program



	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
EV Infrastructure Plan Elements	Build-Out Interstates and Parkways Phase 1 – Alternative Fuel Corridors (AFCs), ongoing					
	NEVI Formula Funds Awarded					
						Other Priority Corridors (Phase 2)
						Community Charging (Phase 3)



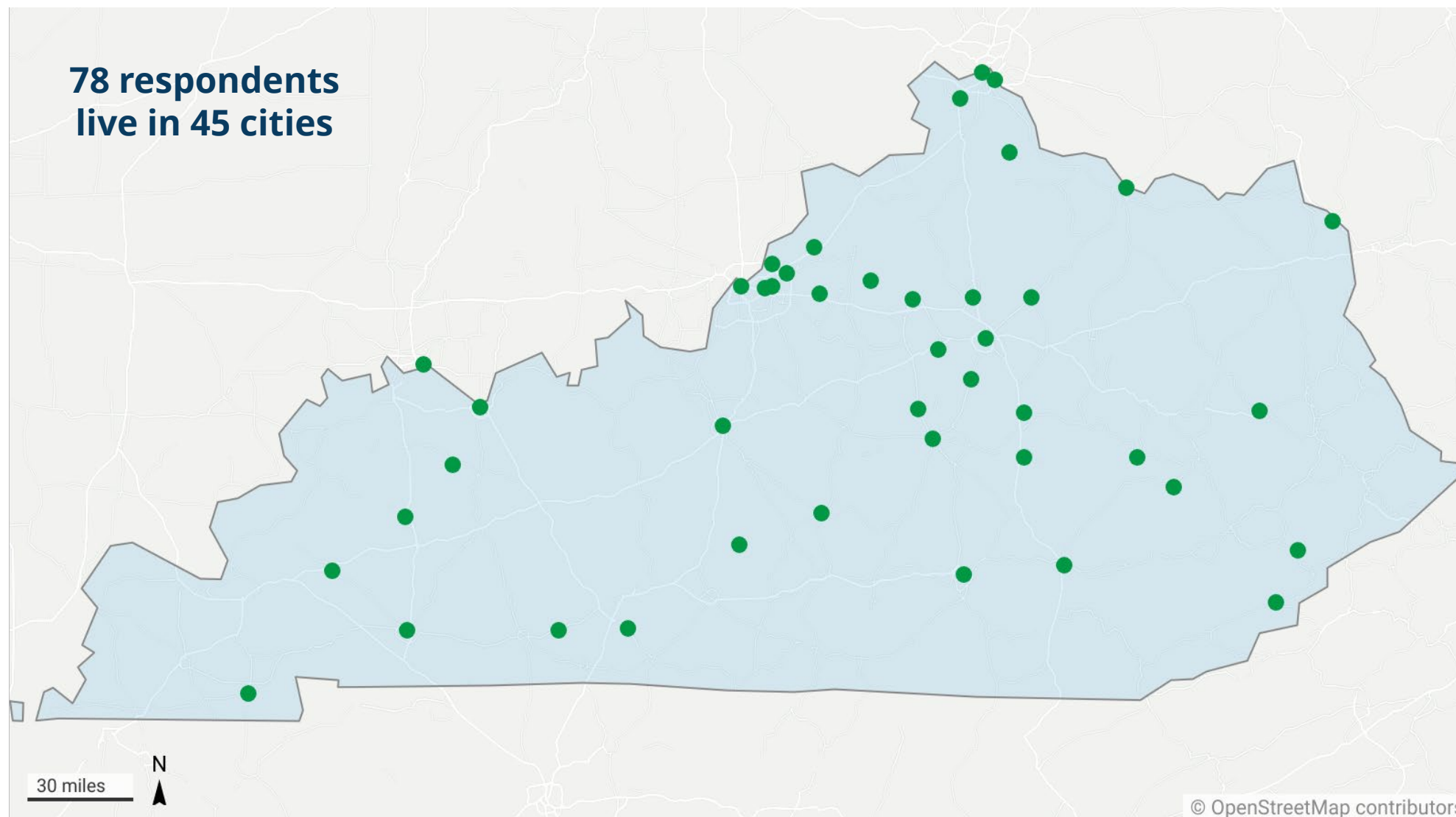
- + More flexibility with Phases 2 and 3
- + Will need to follow future federal guidance
- + Public input will be important



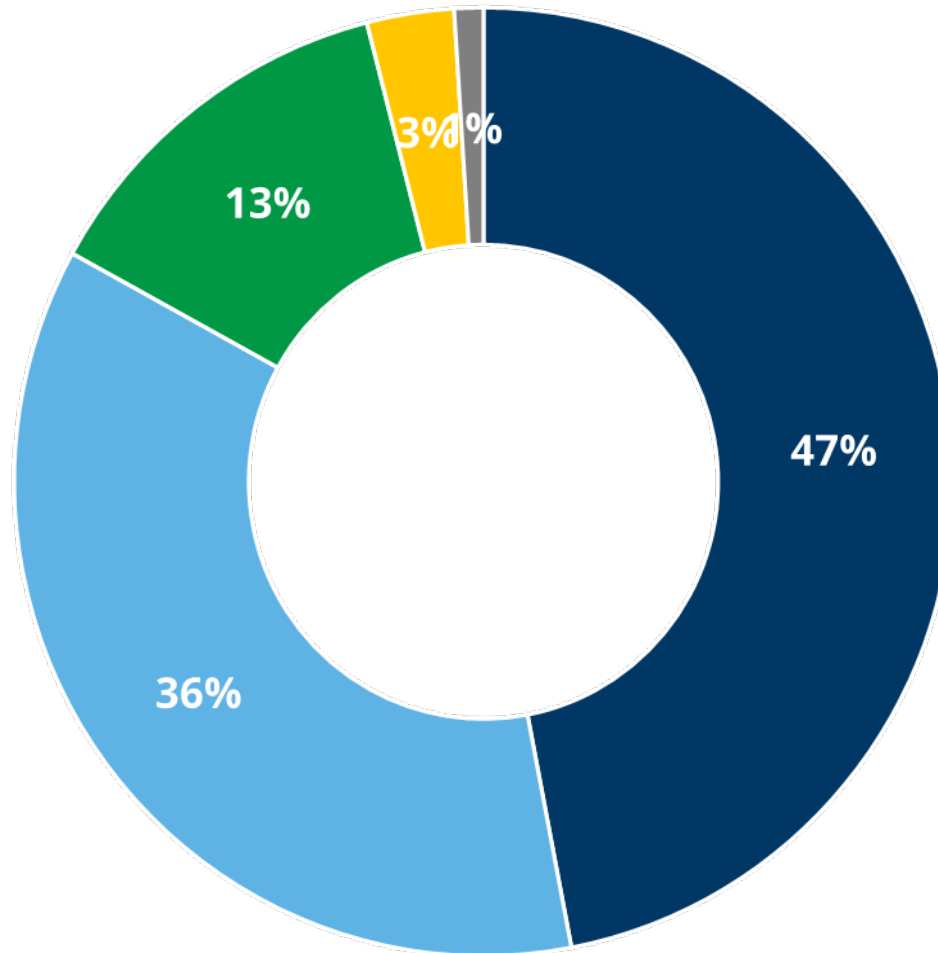
Stakeholder Meeting #8

Survey Results

What is your zip code?

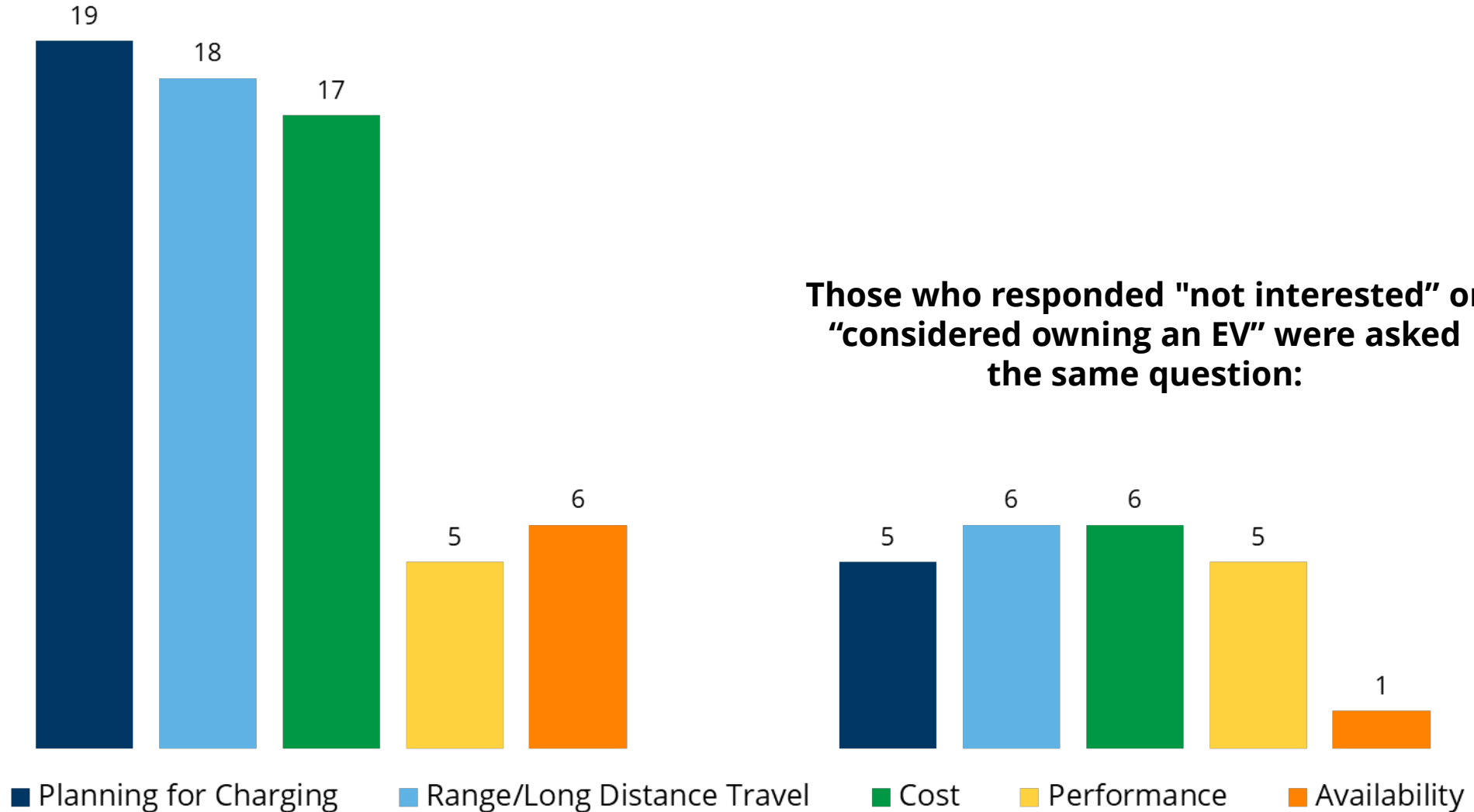


What's your household's EV ownership status?



- Own an EV
- Considered owning an EV
- Not interested in owning an EV
- Own both plug-in hybrid EV & EV
- Own plug-in hybrid EV & considered owning EV

What do you consider to be the top barrier(s) to owning an EV?



What criteria should Kentucky use to decide where to invest in new charging stations along high priority corridors?

Near areas of anticipated higher demand for charging

In charging gaps
(areas without existing access to
public charging stations)

Within rural and/or
disadvantaged areas

Near higher
population centers

Near tourism
destinations

Near amenities

Near areas
of higher
concentrations of
employers/jobs

What types of areas should Kentucky consider when deciding to locate these charging stations?



Workplace



Retail and
Commercial Centers



Public Facilities
(libraries, parks,
gov. buildings)



Multifamily Housing



Fueling Stations



Hotels and Lodging



Rural and
Disadvantaged
Communities



Tourism Destinations



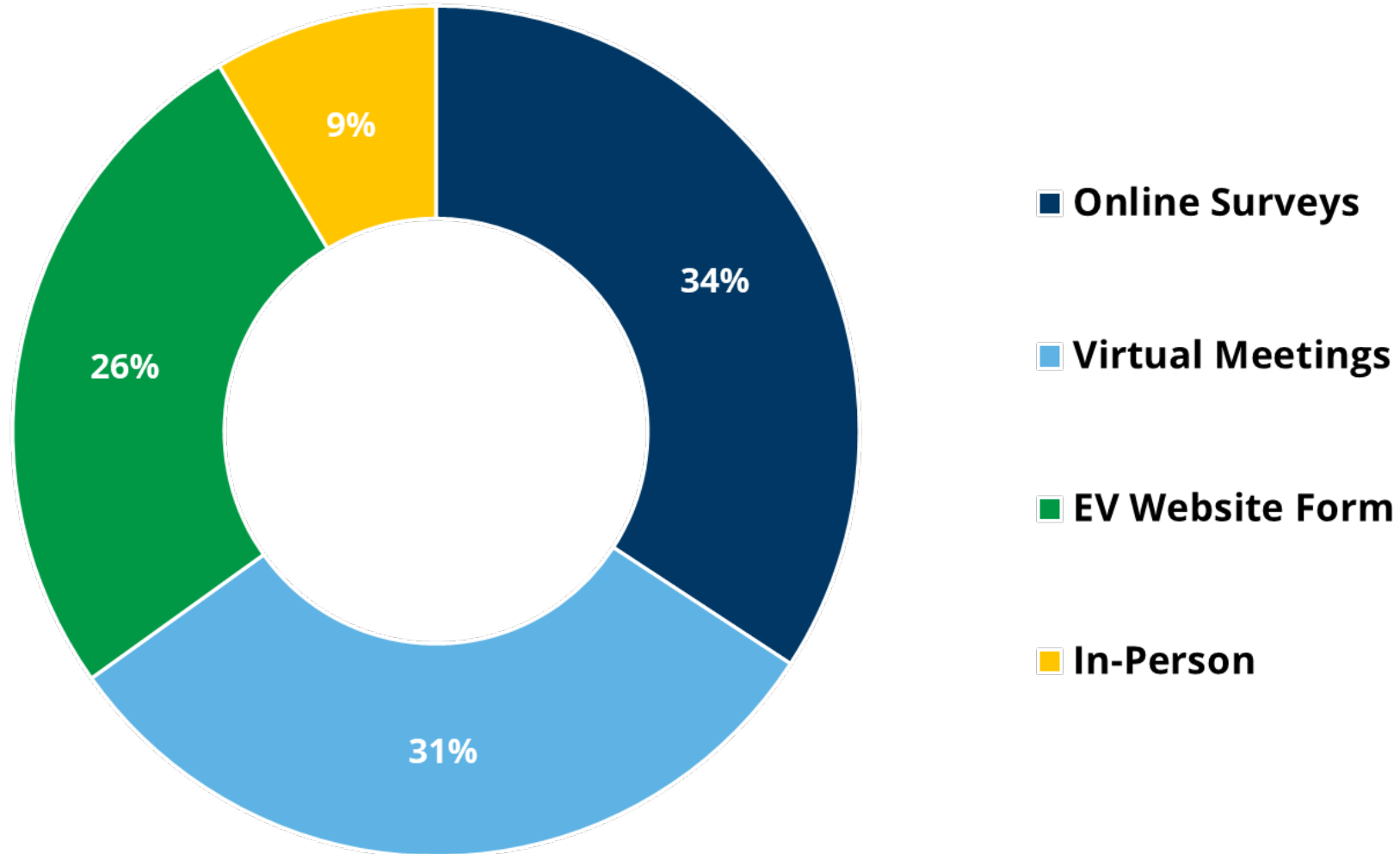
Downtown Centers

What specific locations or areas (e.g. communities, highways, or regions) should Kentucky consider for deploying charging stations?

Interstates & Highways	Defined Areas
I-65	Areas of high traffic
AA Highway	Eastern KY
I-71	Airports, state parks, & rest areas
I-75	Fueling stations, parks (city & local)
I-471	Shopping & tourism
I-264	Grocery stores, major highways, multifamily housing, recreational areas, & rural areas
I-265	
I-64	Commuter colleges, disadvantaged communities, hospitals, hotels, parking structures, restaurants, rural electric co-ops, sports facilities, & state offices
I-75/I-71 Corridor	

**Please note: Responses are listed in descending order.*

What is your preferred form of engagement to provide feedback on the state's EV charging plans?

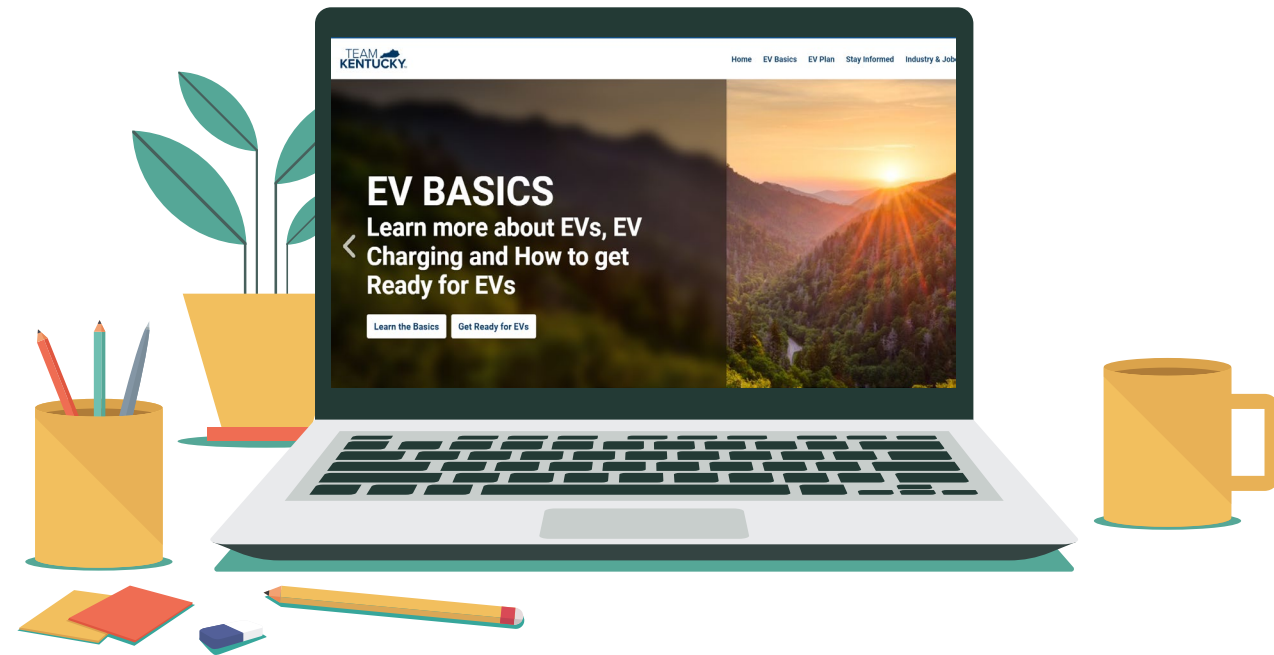




Outreach and Engagement

EV Charging Program Engagement

- + This is the fourth large group virtual meeting in 2024.
- + In-person meetings are being planned.
- + Engagement Goals
 - + **Input** on EV Program implementation
 - + **Educate** the public about the EV Program
 - + **Provide** information about funding opportunities



Outreach and Engagement Tools

- + Website: EVCharging.ky.gov
 - + Resource for project news and info
- + Stakeholder meetings
- + Public meetings
- + Newsletters
- + Coordination with MPOs and ADDs
- + Speaking engagements
- + Surveys



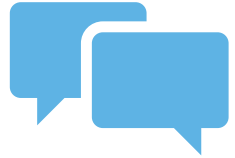
Disadvantaged Community Working Group

- + The purpose of the Disadvantaged Community (DAC) Working Group is to identify local needs, priorities, and concerns in communities statewide.
- + Representatives of local, regional, and statewide groups like:
 - Community foundations
 - Service agencies
 - Urban Leagues
 - NAACP chapters
 - Clean Cities Coalitions
 - Ride share groups

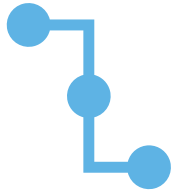
**We want the EV charging network
being built now to serve
all Kentuckians
for many years to come.**



Disadvantaged Community (DAC) Working Group Members



Discuss issues with the potential to impact low-income, minority or rural populations



Serve as a liaison between the community organization and the EV Charging Program Team



Share views and identify local concerns in two-way communications with the team



Act as an advisor and share project information with others

DAC Outreach Plan

The outreach plan is being developed.

This will serve as a
blueprint for outreach to
disadvantaged communities.

Will include:

- Tools & Tactics
- Target Audiences
- List of Stakeholders



You Can Help!

Let's talk about:

**Best tools
and tactics**

**Audiences we
need to reach**

**Stakeholders
we should
include**

**Ambassadors
to assist**

Measuring Success: Group Discussion

What does success look like?

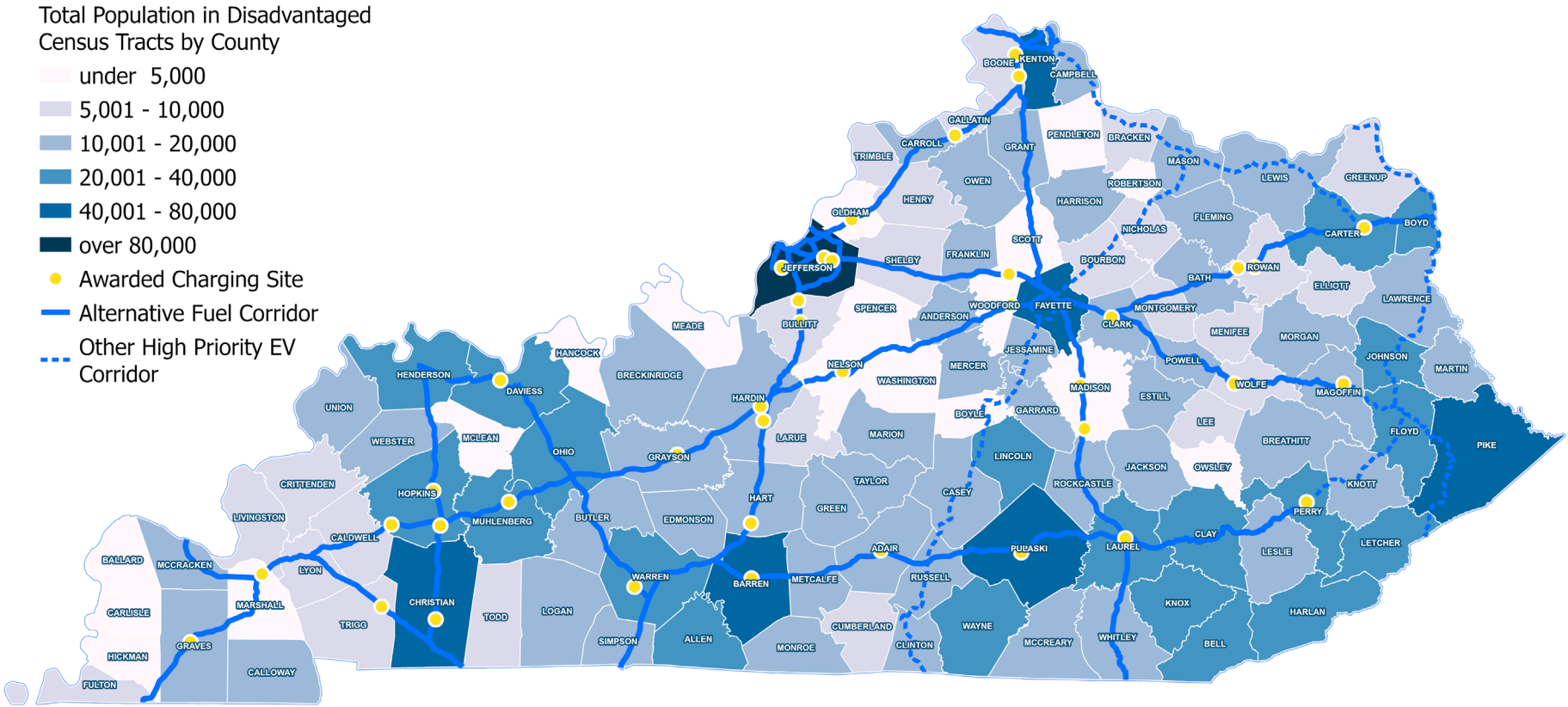
**How do we measure benefits of the EV program
for disadvantaged communities?**

**Program development/next phases will
be based on federal guidance.**

DACs and Selected Charging Sites in KY

48%
of sites in
DACs

90% of
sites within
3 miles of a
DAC



*The Justice40 Initiative goal is that **at least 40 percent of the benefits** of the NEVI Program be distributed to disadvantaged communities*

Continuing the Conversation

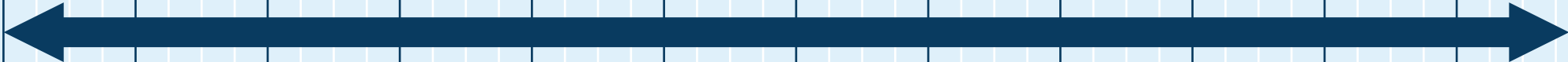
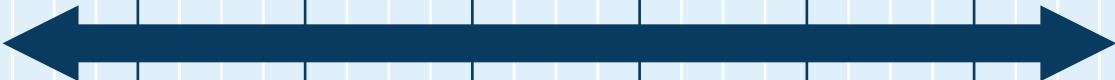

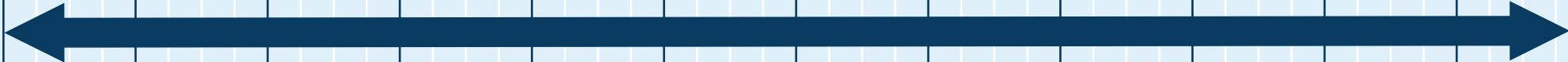
- + Regional public meetings
 - + In-person or virtual
 - + Best sites
 - + Best ways to encourage attendance
- + E-blasts and newsletters
- + Social media posts on KYTC channels
- + DAC Working Group outreach expected to surround public meetings and milestones.





Schedule and Next Steps

Current 2024/25 Schedule

	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.
RFPs #1 and #2 Contracts & Groundbreaking												
RFP #3 Release	★											
RFP #3 Proposals Due		★										
RFP #3 Notice of Award				★								
RFP #3 Kick Off Meeting					★							
RFP #3 Contracts & Groundbreaking												
EV Plan Update	★											
Engagement & Outreach												
Stakeholder Meetings		★			★			★			★	

Resources

- + The playbook offers interactive resources to help communities build the infrastructure needed to support a zero-emission transportation system.
- + The modules include guiding questions, videos, worksheets, and additional resources to drive local progress.
- + Modules can be followed in the order presented or used as stand-alone resources to help with specific priorities.

DriveElectric.gov/EV-Infrastructure-Playbook



For More Information



EV Program Email Address:
EVChargingProgram@ky.gov



Program Website:
EVCharging.KY.gov



Sign up for project updates
while on the site





Thank You

