



MARYLAND

Department of Planning

Achieving Equity in the EVCRA

Our Principles

1. We are guided by energy, justice and equity.
2. We are rooted in servitude.
3. We overcome barriers to a clean energy future.
4. We will leave no one behind.

Our Company

Oasis Energy Partners - Powered by Diversity

- Minority-Woman Owned Energy Technology & Advisory Firm
- Founded by Brooke Smallwood
- 20+ Years in Energy
- Deep experience in Energy Program Design & Management, EV Infrastructure, Renewable Energy and Community Engagement

“Powered by Diversity, rooted in justice.”



**Sr. Program
Manager
DC, MD, DE**

- Residential, Commercial (MF), Public Charging Infrastructure
- Make-Ready Program
- Program design had no forethought about the equitable distribution of EV Chargers
 - How can we resolve this?
 - No data driven process to assess community readiness

EQUITABLE PROGRAM DESIGN ELEMENTS



Criteria

- We produced dozens of data points as criteria we wanted to capture
- Socioeconomic
- Demographic
- Current charging infrastructure



Processes

- Created a Triple Bottom Line Approach to apply the data and weight system to analyze the data



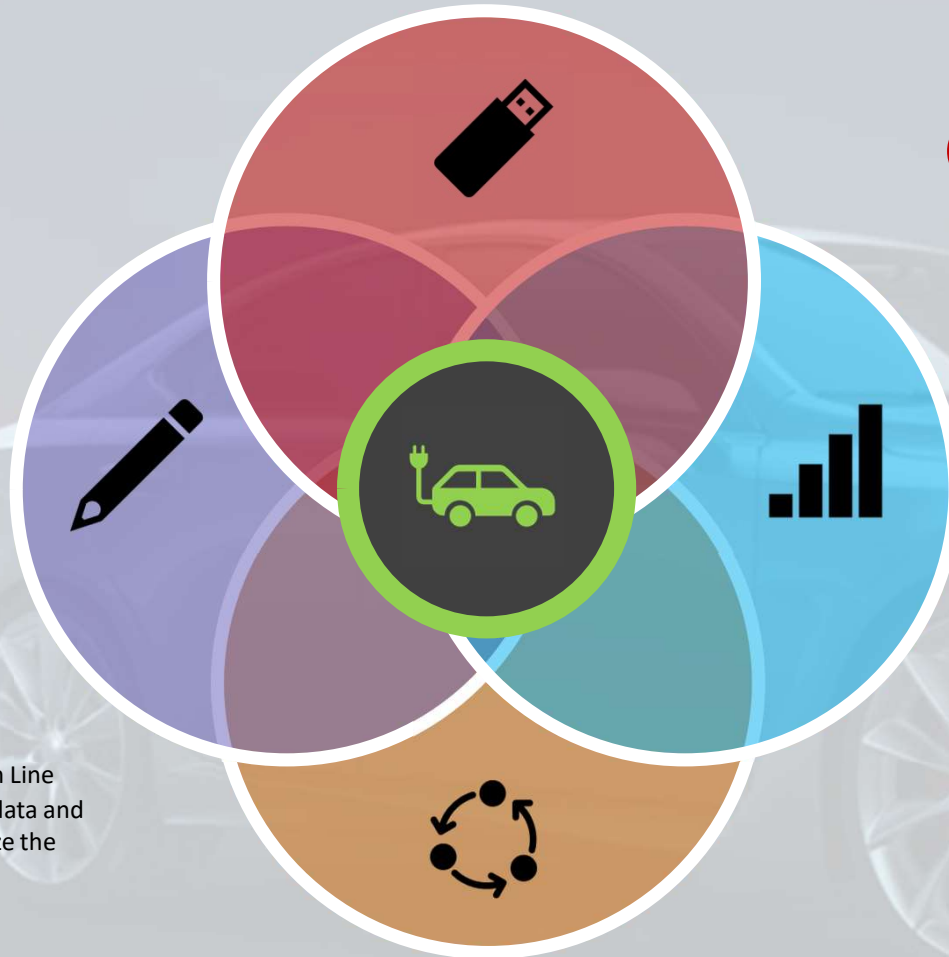
Data

- We then used the criteria to create data points to track
- Data must be collected and curated to provide the best assessment



Outcomes

- We were able to prioritize communities which were approaching readiness as opposed to just the communities that were ready



EV Charging Reliability Act

The Electric Vehicle Charging Reliability Act (HB 834)

- The bill was sponsored by Delegates David Fraser-Hidalgo, Jen Terrasa, Barve, and Reznik. It passed both chambers of the Maryland General Assembly.
- The bill also requires the Public Service Commission to:
 - Expand the EV Pilot Program to allow participating electric companies to install EV charging stations in multifamily dwellings in underserved communities
 - Terminate the expansion of the EV Pilot Program on December 31, 2025



Equity Questions

Utility Working Groups will soon engage in discussions to determine the most effective approach for fulfilling the requirements set by the legislation.

1. How will the Working Groups address the issue of equity?
2. How will they decide which MUD's will benefit from the program?
3. Will they identify the MUDs with the highest potential for EV adoption?
4. How can underserved communities have an equal opportunity to own an EV?

Equitable Program Design

An equitable program design approach would take into consideration issues of equity and define the path to implementation. In this case, there are several factors which should be evaluated in the program design:

1. The Selection Process
 - a. How will MUDs be selected?
 - b. What are the criteria?

2. Distribution of Benefits
 - a. Should certain underserved areas in Maryland receive greater benefits from the program?
 - b. What is the timing of receiving the benefit, who should be served first?
 - c. If underserved areas are not ready for EV Adoption, how can we better prepare them to receive benefits in the future?

Areas of Concern

Selection Process

- Demographics
- Socioeconomics
- EV Ownership Rates
- Current Infrastructure Needs
- Create Data Layers
- Other key factors can be determined
- Data-Driven Process with no bias

Distribution of Funds

- Funds SHOULD NOT be distributed equally
- Funding should be distributed based upon priority using the Selection Process to decide
- Funding must be equitable and based on Data
- Communities need to advocate for themselves



Solutions



Advocacy

Be educated
Do your own data collection
Navigate your local utility



Data-Driven Results

Utilize data to reduce bias



EV Technology

Rideshares
EV Fleets



Community Engagement

Community readiness for EV Adoption is a major concern
Need for education on EV's
Find other ways to connect the community

Taking Action



Advocacy

Advocating for equitable program design with MEA



Data-Curation

Data-Curation Services for Selection and EV Readiness



EV Technology

Built an EV Charging Tracking System

Partnering with Rideshare and Fleet Management Companies to overcome the lack of EV Ownership



Community Engagement

Electrification Expos to educate the community

- Electrify & Ignite Bowie- October 2024
- Electrify & Ignite Baltimore- Spring 2025
- Connecting Food Pantries and other Community Resources with Fleet Services

Thank You



OASIS EV™

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