



Clean Transportation Stakeholder Roundtable

November 7th @ 1:00pm – 4:00pm
White & Case, Washington, DC



H.G. Chissell
Founder & CEO



Serena Rwejuna
Partner



Divesh Gupta
Director, Clean Energy Solutions



Antoine Thompson
Executive Director



Thomas Bartholomew
Branch Chief for Renewable Energy & Clean Transportation



William Ellis
Director External Affairs



Al Carr
Policy Analyst
Renewable Energy & Clean Transportation



Ben Vergara
Doctoral Research Assistant



Welcome to the AEG DMV Clean Transportation Task Force Stakeholder Roundtable

Thank you to our Host:



Follow Us:
Advanced Energy Group
#AEGDMV

22Q4 CLEAN TRANSPORTATION TASK FORCE SUMMARY



SELECTED OBSTACLE

To provide more affordable, equitable EV charging costs for multifamily and limited income customers across the region.



- DIVESH GUPTA
DIRECTOR OF STRATEGY,
UTILITY OF THE FUTURE



**22Q4 CLEAN TRANSPORTATION
12 MONTH SOLUTION:
Report/recommendations on what
multi-family tenants & owners are
looking for in EV charging.**

- M1:** Identify outreach targets & information needs.
- M2:** Conduct outreach
- M3:** Synthesize findings
- M4:** Present findings at public technical workshop

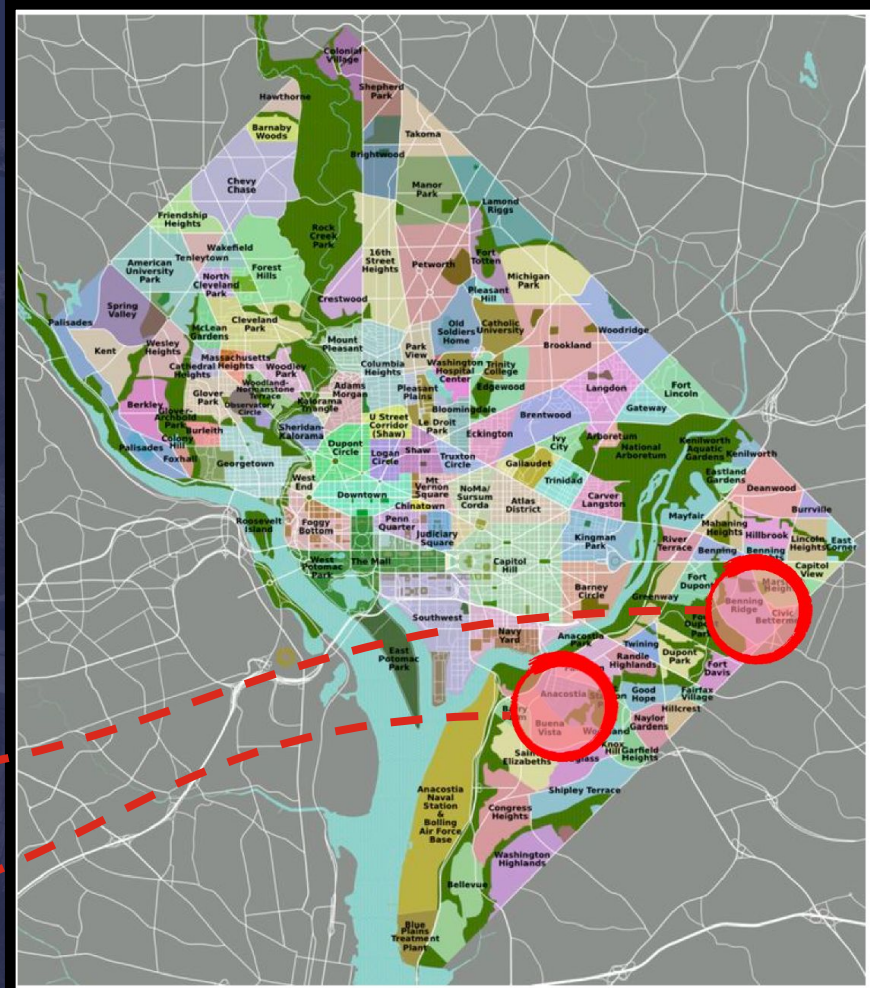
- TABLE # 4

22Q4 TASK FORCE UPDATE

Based on high energy burden, charging station scarcity, personal vehicle reliance, and grid infrastructure, Benning Ridge in Ward 7 and Anacostia in Ward 8 have been identified as communities of low income and multifamily housing that are most vulnerable to inequitable charging rates.

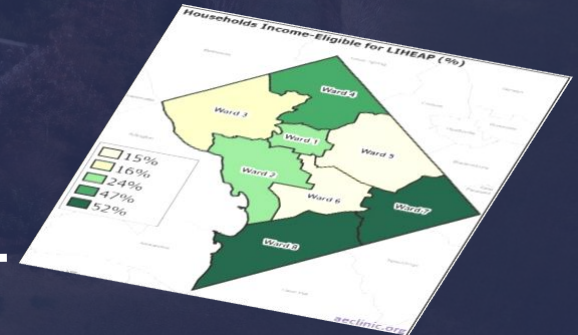
Benning Ridge

Anacostia



22Q4 TASK FORCE UPDATE

Based on high **energy burden**, **charging station scarcity**, **personal vehicle reliance**, and **grid infrastructure**, Benning Ridge in Ward 7 and Anacostia in Ward 8 have been identified as communities of low income and multifamily housing that are most vulnerable to inequitable charging rates.

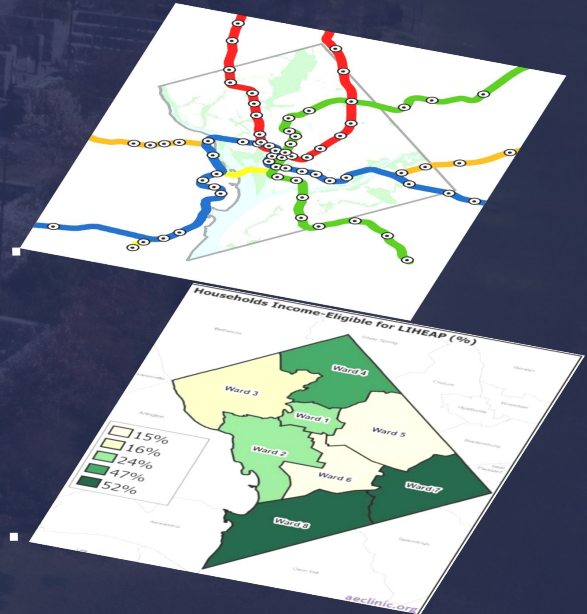


22Q4 TASK FORCE UPDATE

Based on high energy burden, charging station scarcity, personal vehicle reliance, and grid infrastructure, Benning Ridge in Ward 7 and Anacostia in Ward 8 have been identified as communities of low income and multifamily housing that are most vulnerable to inequitable charging rates.

Metro Availability

Energy Burden & Income



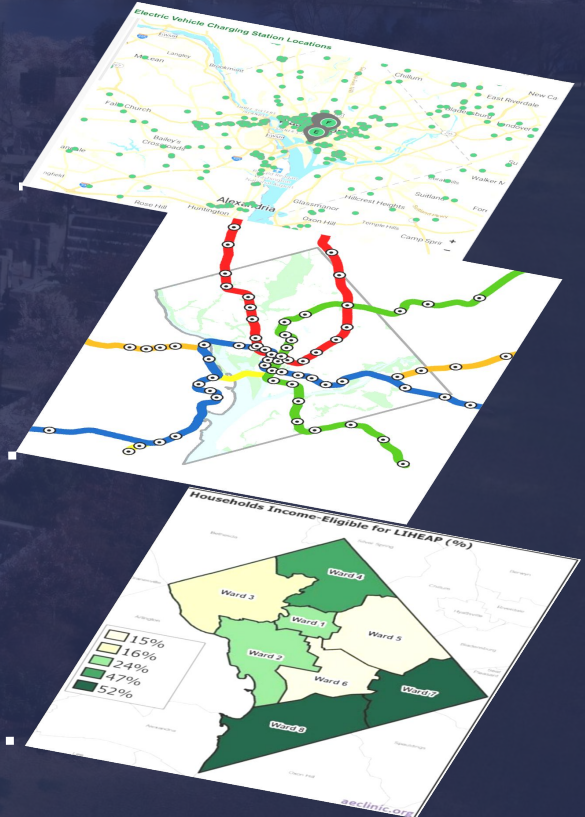
22Q4 TASK FORCE UPDATE

Based on high energy burden, charging station scarcity, personal vehicle reliance, and grid infrastructure, Benning Ridge in Ward 7 and Anacostia in Ward 8 have been identified as communities of low income and multifamily housing that are most vulnerable to inequitable charging rates.

EV Charging Infrastructure

Metro Availability

Energy Burden & Income



22Q4 TASK FORCE UPDATE

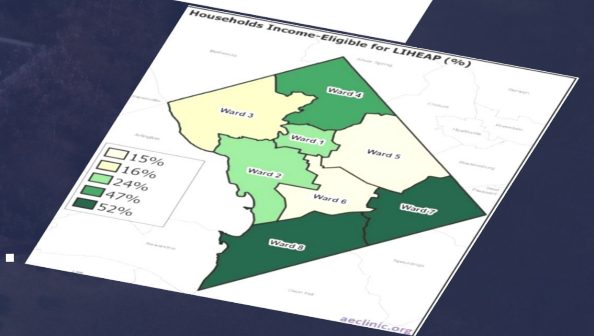
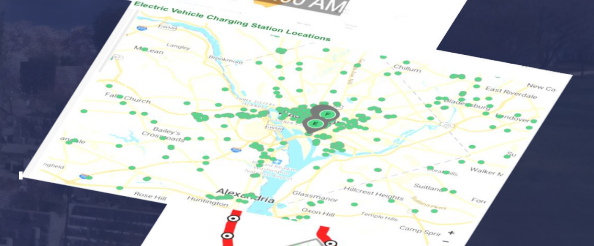
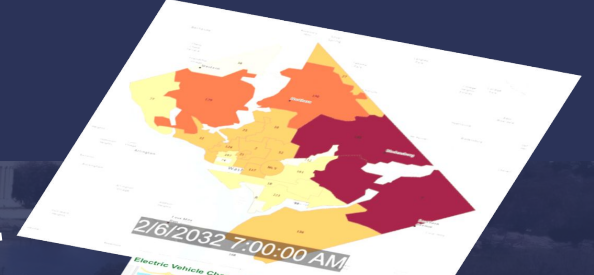
Based on high energy burden, charging station scarcity, personal vehicle reliance, and grid infrastructure, Benning Ridge in Ward 7 and Anacostia in Ward 8 have been identified as communities of low income and multifamily housing that are most vulnerable to inequitable charging rates.

Power Line Capacity Loading

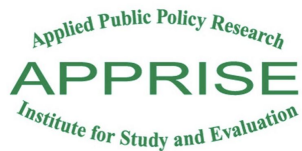
EV Charging Infrastructure

Metro Availability

Energy Burden & Income



22Q4 TASK FORCE UPDATE



District of Columbia LIHEAP Energy Burden Analysis

Prepared for the
Department of Energy & Environment
1200 First Street, NE, 5th Floor
Washington, DC 20002

September 2020

An Examination of District Residents' Experiences with Utility Burdens and Affordability Programs

Report written for the Department of Energy and Environment
of the District of Columbia, Grant Number FY20-AED-760

Ariel Drehabl, Diana Hernández, Roxana Ayala, and Lauren Ross
March 2021

© American Council for an Energy-Efficient Economy
529 14th Street NW, Suite 600, Washington, DC 20045
Phone: (202) 507-4000 • Twitter: @ACEEEDC
Facebook.com/myACEEE • aceee.org

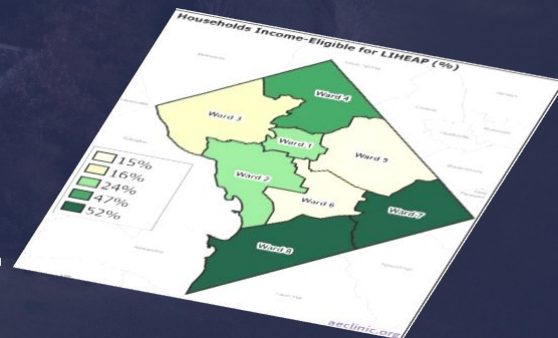
The District of Columbia Department of Energy and Environment
Energy Administration

The Strategic Electrification Roadmap for Buildings and Transportation in the District of Columbia "RESILIENT, INNOVATIVE, AND AFFORDABLE ELECTRIFICATION"

for the Office of Energy Efficiency and Renewable Energy
U.S. Department of Energy

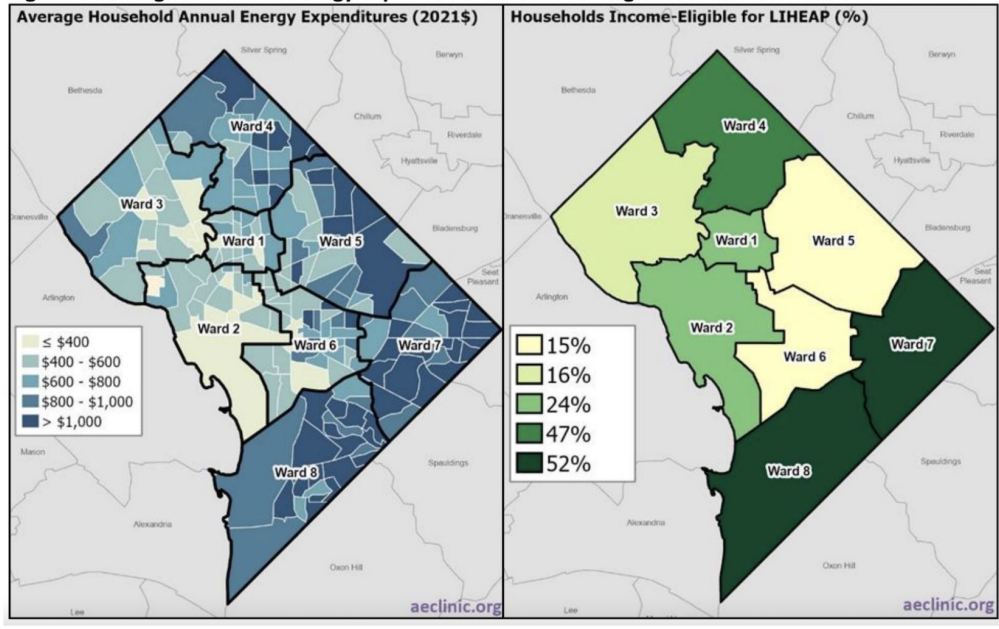
April 2023

Public Version



22Q4 TASK FORCE UPDATE

Figure 6. Average household energy expenditure and LIHEAP-eligible across the District of Columbia

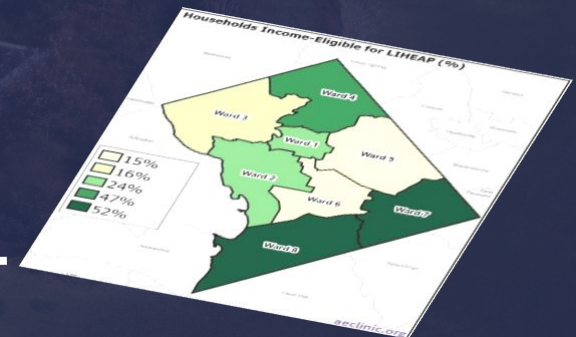


Applied Public Policy Research
APPRISE
 Institute for Study and Evaluation

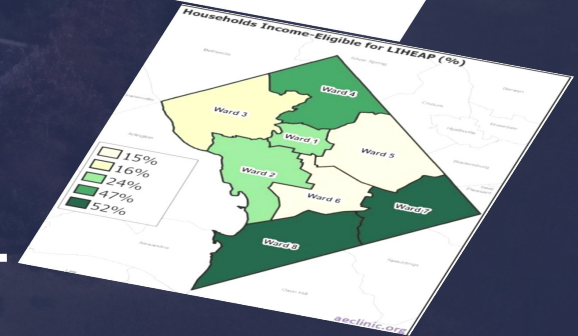
District of Columbia LIHEAP Energy Burden Analysis

Prepared for the
 Department of Energy & Environment
 1200 First Street, NE, 5th Floor
 Washington, DC 20002

September 2020



22Q4 TASK FORCE UPDATE

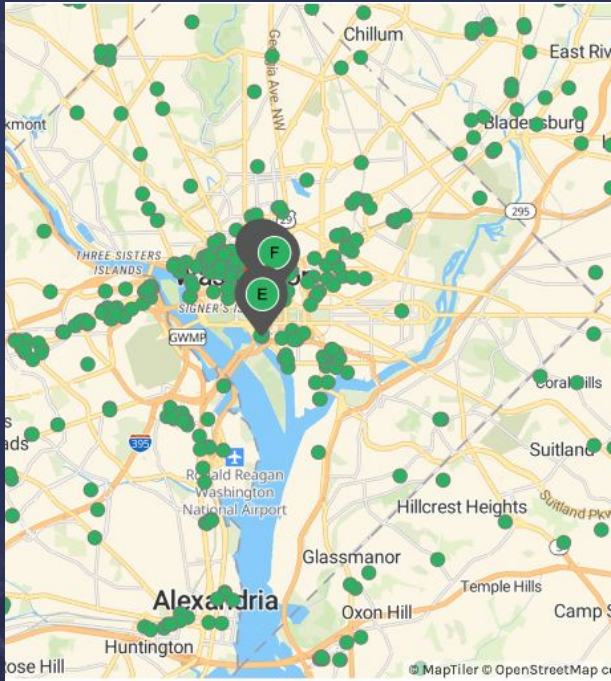


Metro Availability

Energy Burden & Income

22Q4 TASK FORCE UPDATE

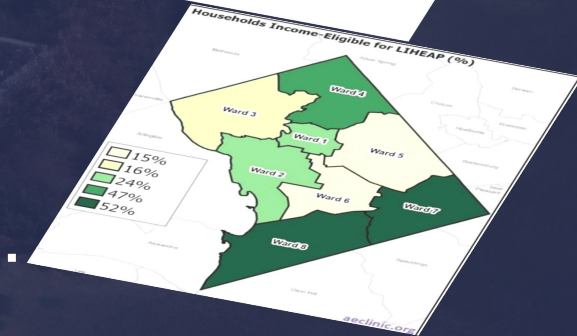
Office of
ENERGY EFFICIENCY & RENEWABLE ENERGY



PlugShare



ChargeHub

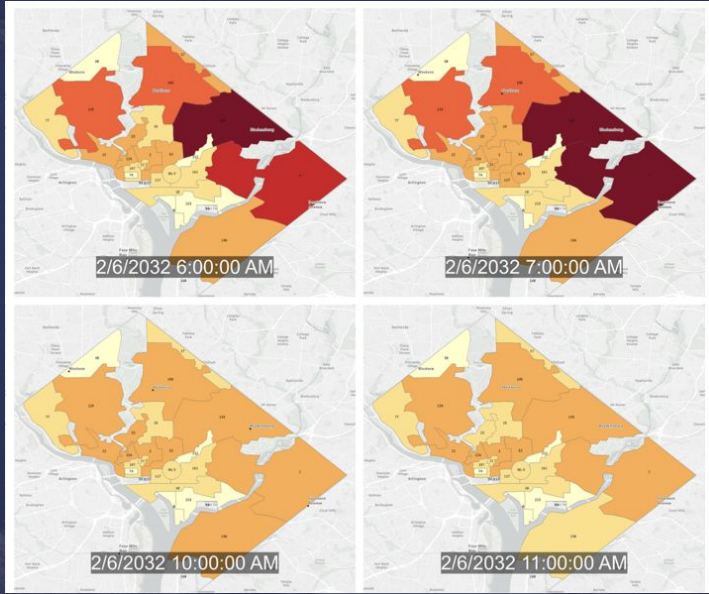


EV Charging Infrastructure

Metro Availability

Energy Burden & Income

22Q4 TASK FORCE UPDATE

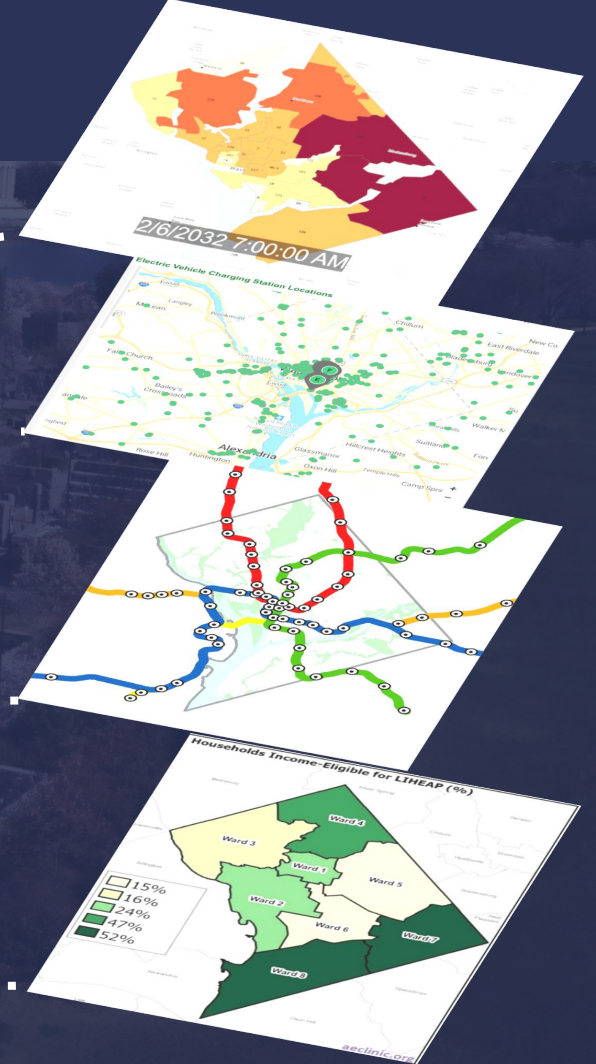


Power Line Capacity Loading

EV Charging Infrastructure

Metro Availability

Energy Burden & Income



TASK FORCE QUESTIONS

Task Force Questions:

- Is this the kind of data that determines the need for government intervention?
- What is the responsibility of each stakeholder in avoiding these charging cost inequities?
- How can Task Forces help?



Clean Transportation Stakeholder Roundtable

November 7th @ 1:00pm – 4:00pm
White & Case, Washington, DC



H.G. Chissell
Founder & CEO



Serena Rwejuna
Partner



Divesh Gupta
Director, Clean Energy Solutions



Antoine Thompson
Executive Director



Thomas Bartholomew
Branch Chief for Renewable Energy & Clean Transportation



William Ellis
Director External Affairs



Al Carr
Policy Analyst Renewable Energy & Clean Transportation



Ben Vergara
Doctoral Research Assistant



Follow Us:
Advanced Energy Group
#AEGDMV

OUTCOME: 12-MONTH “CFI” TASK FORCE

12 Month: Gain enough community insight as to where EV charging would be desired and apply for Charging & Fueling Infrastructure (CFI) grant to open the possibility for this installation.

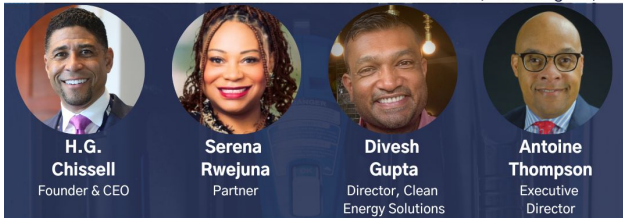
Teams:

- 1. Communication & Regulation:** Lead by Josh Cohen, SWITCH
- 2. Funding Application:** Lead by Al Carr, DOEE
- 3. Data Management:** Lead by Dave from WeaveGrid
- 4. Workshop:** Lead by Divesh Gupta, Baltimore Gas and Electric and Thomas Bartholomew, DOEE



Clean Transportation Stakeholder Roundtable

November 7th @ 1:00pm – 4:00pm
White & Case, Washington, DC



Follow Us:
Advanced Energy Group
#AEGDMV