

COG Climate, Energy and Environment Policy Committee EV Survey Results

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COG EV Work Group Meeting
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Survey Questions

1. Do you track electric vehicle charging permit applications?

- If yes, please provide the total number of applications submitted.

2. How many total electric vehicle charging stations are currently permitted in your jurisdiction?

- How many are privately owned residential?
- How many are commercial (retail, offices, etc)?
- How many are public (on-street or publically owned lots or garages)?

3. Describe your jurisdiction's electric vehicle permitting process for residential.

- Apply in person or online?
- What is the turnaround time?
- What is the cost?

Describe your jurisdiction's electric vehicle permitting process for commercial.

- Apply in person or online?
- What is the turnaround time?
- What is the cost?

Survey Questions

Describe your jurisdiction's electric vehicle permitting process for public charging.

- Apply in person or online?
- What is the turnaround time?
- What is the cost?

4. How long does the inspection process take after a charging station is installed (from scheduling to completion)?

- How long for privately owned residential?
- How long for commercial (retail, offices, etc)?
- How long for public (on-street or publically owned lots or garages)?

5. Has your jurisdiction developed policies related to electric vehicle or electric vehicle charging station deployment? If yes, please describe for each of the following and provide a web link to the policy, if available:

- Building code policy
- Comprehensive planning
- Restrictions on EV parking spaces, ADA restrictions, etc
- Green building or LEED considerations
- Zoning and/or land use planning

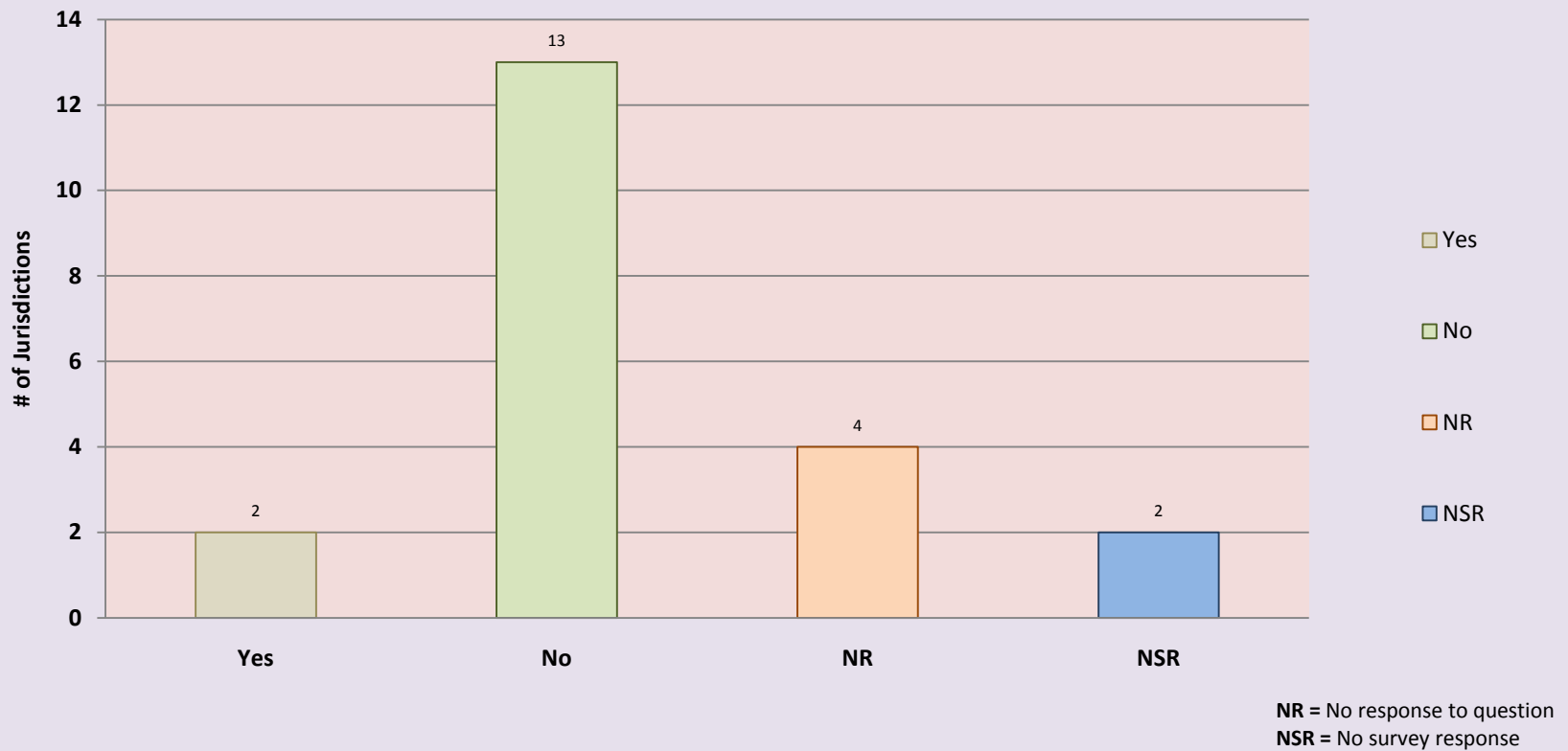
6. Does your jurisdiction offer incentives, such as preferred parking, for electric vehicles?

- If yes, please describe incentives.

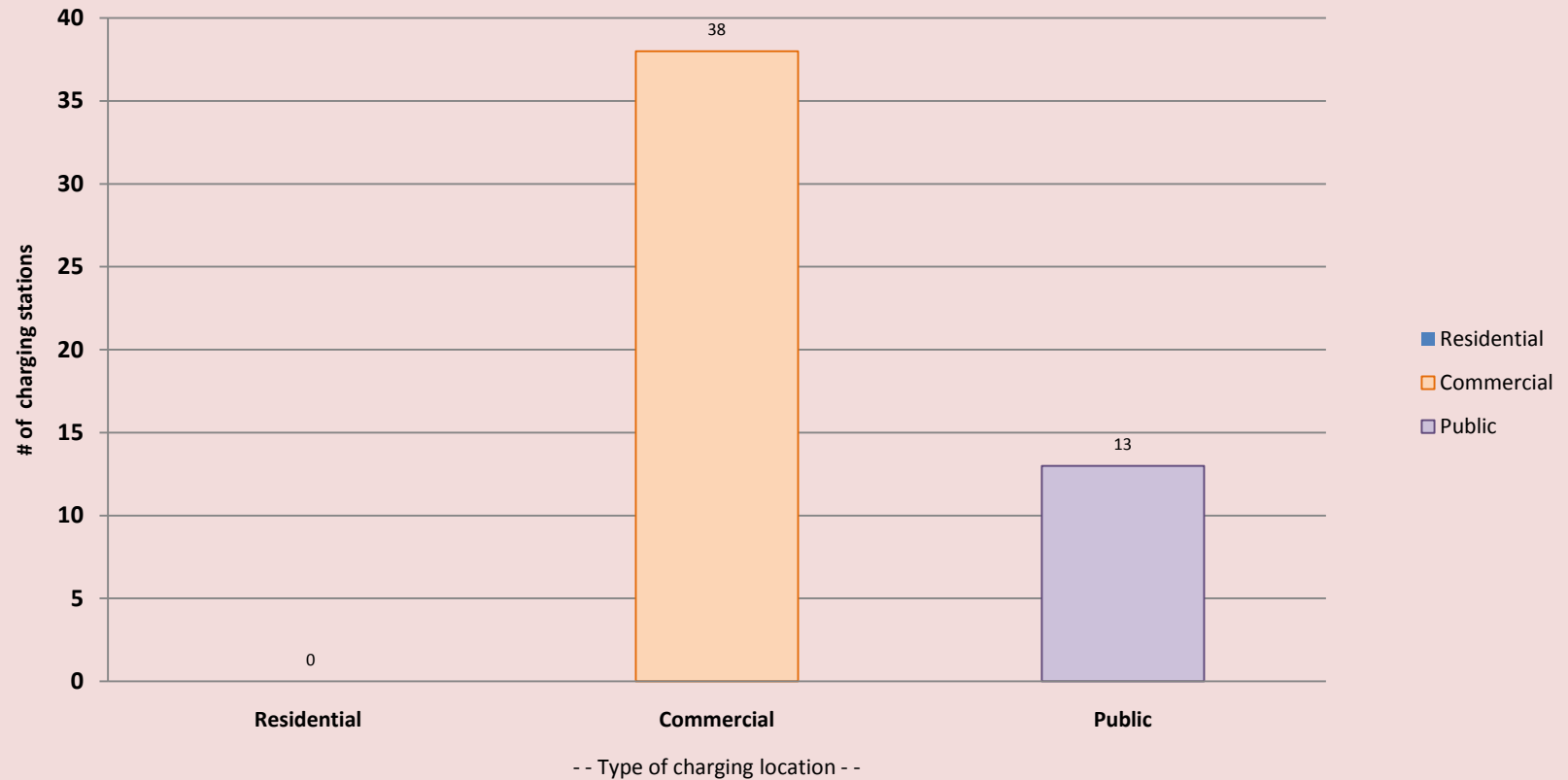
General Results

- Total jurisdictions surveyed – 21
- 2 jurisdictions did not respond
- 13 out of the 21 responded
- Total permitted charging stations reported – 51
- 3 jurisdictions reported permitting and inspection data

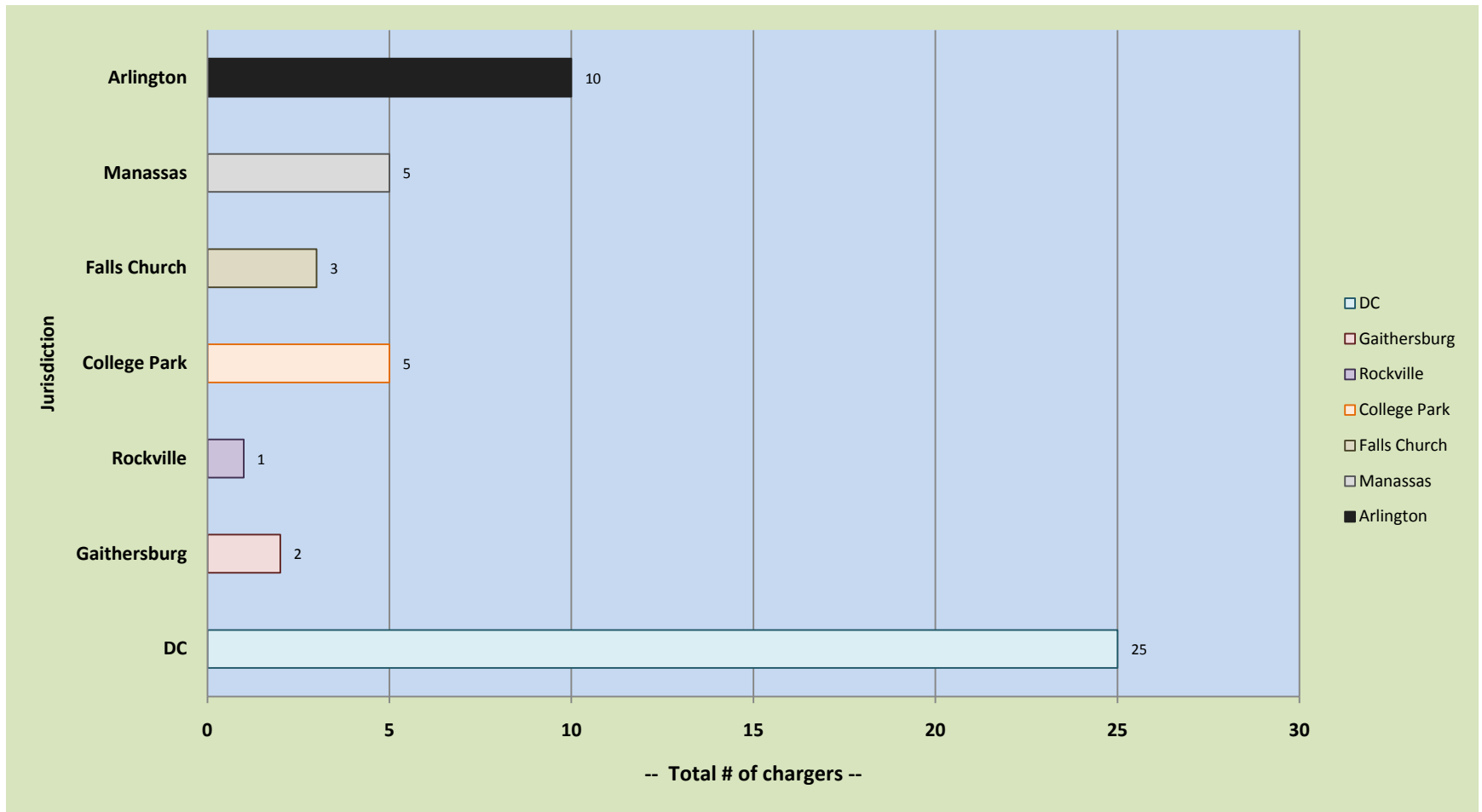
Permit Tracking



Total Permitted Charging Stations



Charging by Jurisdiction



Permitting & Inspection

Permitting Process

	Residential	Commercial	Public
Types of permitting			
Online	DC, Fairfax Co.	DC, Fairfax Co.	DC
Paper			Fairfax Co.
Other	Falls Church	Falls Church	Falls Church

Permitting Turnaround Time

	Residential	Commercial	Public
Permitting Turnaround Time			
24-48 hrs	DC, Fairfax Co.	DC, Fairfax Co.	DC
More than 7 days	Falls Church	Falls Church	Falls Church, Fairfax County

Permitting Costs

	Residential	Commercial	Public
Permitting Costs			
Btwn \$10-\$50	Falls Church	Falls Church	Falls Church
Btwn \$51-\$100	Fairfax Co.	Fairfax Co.	NR
Variable	DC	DC	DC

Inspection Turnaround Time

	Residential	Commercial	Public
Inspection Turnaround Time			
24-48 hrs	Falls Church, Fairfax	Falls Church, Fairfax	Falls Church, Fairfax
Btwn 3-7 days	DC	DC	DC

EV Related Policy Development

- YES
 - DC (all in process)

- NO
 - Montgomery Co.
 - Rockville
 - Takoma Park
 - College Park
 - City of Frederick
 - Gaithersburg
 - Arlington
 - Fairfax Co.
 - Falls Church
 - Prince William

Incentives

Yes

1. DC
2. City of Frederick
3. Bowie
4. Fairfax County
5. Manassas

No

1. Montgomery Co.
2. Takoma Park
3. College Park
4. Gaithersburg
5. Rockville
6. Arlington
7. Falls Church
8. Prince William

- Some public charging station(s) have/will have dedicated on-street charging locations near building entrances
- Preferred parking in public parking deck
- Fuel efficient vehicles are given preferred parking @ City Hall
- Preferred parking at some LEED buildings

Questions