

Metropolitan Washington Electric Vehicle Report

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EV Report Overview



- EV Task Force: recommendations to remove barriers to EV adoption and infrastructure planning
- EV adoption offers environmental, economic, and energy security benefits
- Regional strategy needed to address obstacles to infrastructure planning

EV Report Overview



- EV and EV Supply Equipment (EVSE) Deployment Planning
 - Projected demand, EVSE siting
- Local Government Policy
 - Policy/Planning & Zoning, Inspection & Permitting
- Electric Utility Policy
- Benefits of EV for Fleet Use
- Outreach and Education

- 25 Recommendations, 5 priorities



Comment period

- EV Report presented to CEEPC in July
- Comment period ended Sept. 14
- Presentations to CAO Committee, TPB Technical Committee, and Transportation Planning Board (Nov)



Local Government Comments

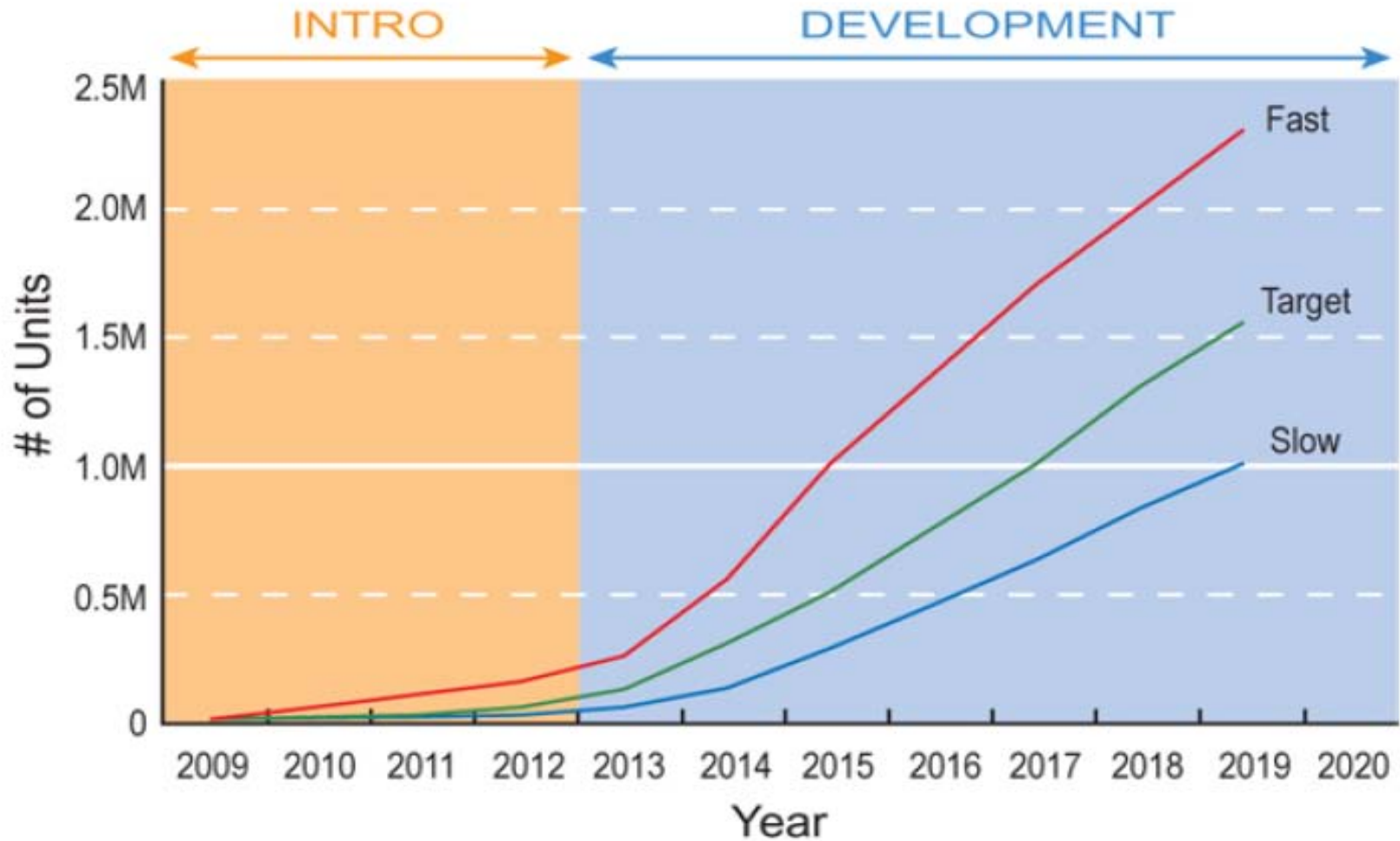
- Reluctant to promote one technology over another (ex, EV, CNG, biofuels)
- Local government role - permitting and processes to facilitate deployment
- Stimulus funds built EV infrastructure, but these funds are no longer available
- Market forces should lead future effort for EV deployment



Outlook for EV Market

- Examples of local investment in EV, such as recent application to Arlington County for the nations' first all-EV taxicab fleet
- Interest in DC fast charger installation
- Recent federal action (CAFÉ standards, highway transportation funding bill) may promote growth

PEV Growth Rates - Scenarios



Report Recommendations, Revised

- Stakeholder partnerships, such as a [Washington Regional Electric Vehicle Partnership](#), should be formed to develop a business case for EVs, and to assess the potential for community return on investment.
- Stakeholders should consider offering incentives such as preferred parking, HOV occupancy exceptions, and tax credits to promote EV adoption.

Recommendations Revised

- Electric permitting procedures should identify EVSE installations and notify electric utilities of their locations.
- Outreach and education is needed to promote EV adoption and inform the public of its benefits.
- Comprehensive plans and zoning regulations should guide EV infrastructure development and ensure the built environment can accommodate future EVSE installations.



Recommended COG Action:

- Create Washington Regional EV Partnership to implement report recommendations
- Regional EV Partnership
 - Market-driven
 - Leadership from EV industry
 - Focus on developing business case for EV
 - Local government participation to share best practices and policies to remove barriers to EV

Next Steps

- Recommend COG Board of Directors accept EV Report (Nov)
- Recommend COG participate in a Washington Regional EV Partnership to implement Task Force recommendations
- EV Workgroup: Finalize EV Report, Discuss Partnership and next steps

