

Montgomery County

Department of General Services –DGS
Delivering “Green” Service



Getting to Green

DGS- Green Fleet Strategy



Building a Greener, Cleaner, more Sustainable Fleet

“Drive Green” Objectives



- **Petroleum Reduction**
 - 20% reduction over 5 years
- **Emissions Reduction**
 - 2% Annually and 30% by 2030
 - 2% Annual Increase in Alternative Fuels
- **Increase Fuel Efficiency**
 - Purchase most *Fuel Efficient* vehicle for each class
- **Optimize Fleet**
 - Vehicle's Match the Mission



DRIVE GREEN

EV Planning – *Fleet Plan*



- Fleet Assessment
 - Data Requirements
- Determine Access
- Facility Assessments
- Anticipate the Number of EV's
- Identify Charging Level
- Long Term Maintenance
- Cost of Charging Stations & Install
 - Level 2 - \$5K - \$20K
 - DC Fast Charge - \$75K - \$150K



EV Planning – *The Details*

- Identify plan - Funding -Capital, Grant, P3
- Charging Station requirements
- Utility Requirements
- Develop an electrical service plan
 - Don't forget Network Service
- Develop Site Plans
- Don't forget about your permits!
- Conduct Installation
- Final Inspection
- Ready to Go!



Montgomery County Fleet – *Leading the Charge*



- MEA Grant Funded
- Leading the COG Charging Station Procurement
- Installing -10, Level 2 Charging Stations, Spring 14'
- Strategically located
- 5 Electric Vehicles in FY14
- Developed “*EV Ready*” Design Standard
- Evaluating County Facilities for Public Charging

Questions?

Contact Info

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