



Houston's EV Readiness Program

June 15, 2011



Power of the Plug-In

City of Houston partnership results in:

- Conversion of 15 City vehicles to Plug-in Hybrid Electric Vehicles
- Installation of 45 municipal and 30 public EV charging stations
- Investments in residential and commercial infrastructure/charging stations
- EV Micro Climate planning process completed by June 2011
- Launch city for first batch of EV's for City fleet



City of Houston Road to EV Success

- **Public Private Partnership**
 - Mayor/Municipal support
 - Electric provider support
 - ECotality Infrastructure Deployment Guidelines, and Long Range Plan
 - NRG EV Services Deployment of 100+ chargers
- **Infrastructure local, mid and long distance**
 - Points of Interest
 - Interstate charging facilities
 - At Work, in Multi-Family developments
- **OEM with a production vehicle launch in Houston**
 - Delivery of 2 Nissan Leafs in April, with City commitment to purchase 23 more in 2011
- **Consumer Incentives**
 - 24 hour (or less) streamlined/online permitting
 - Free charging infrastructure



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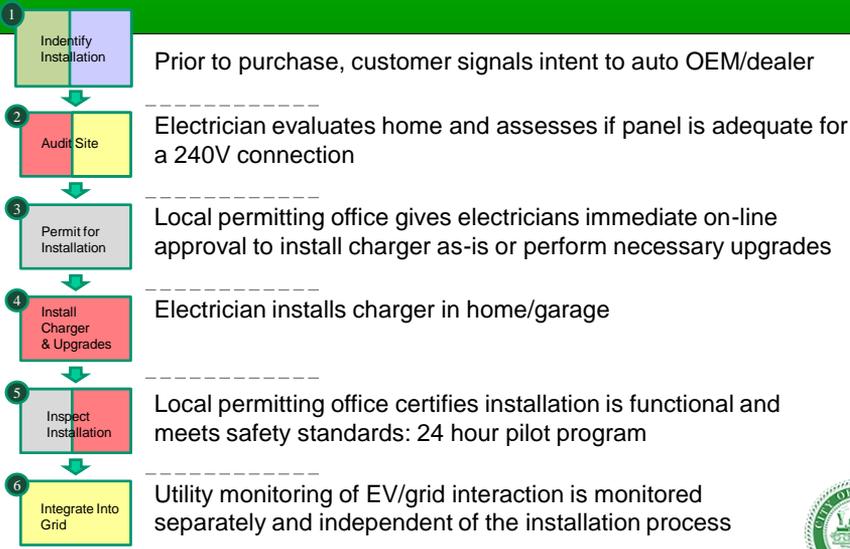
City of Houston Road to EV Success

- **Funding for EV Plan**
 - City funds
 - EPA Climate Showcase
 - State Energy Conservation Office (SECO)
 - New Technology Research and Development Program (TCEQ)
 - DOE EECBG
- **Future**
 - Emission Testing on PHEVs & EVs with collaboration of Texas Transportation Institute at Texas A&M
 - Regional Partnership for DOE funding opportunity for Readiness and Planning for PEV's and Charging Infrastructure.
 - HOV access to PEV's



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Purchase to Power-Up – The Houston Model



Thank you

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