Strategic Vision



City Resolutions to promote the environmental, community, utility, national security, and economic benefits:

- PEV Incentives & Leadership (050301-48)
- PEV Feasibility Report (040729-78)
- Energy Research; Pecan Street Inc. (20080925-084 & 20090806-033)
- Supports Imagine Austin Plan
- Supports Climate Protection & Gen. Plan



Austin Energy PEV programs are fully compliant with COA Resolutions



Key Programs



Plug-In EVerywhere™

- * Under \$5/month for unlimited station access or \$2/hour; powered by renewable GreenChoice®
- * Up to \$1,500 rebate for home PEV Level-2 charging stations
- * Up to \$4,000 rebate for public, workplace, multifamily, and fleet Level-2 PEV charging stations



E-Ride Program – Up to \$300 rebate from the purchase of electric bikes & scooters

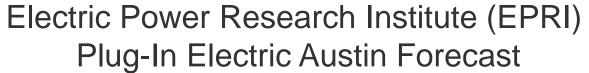


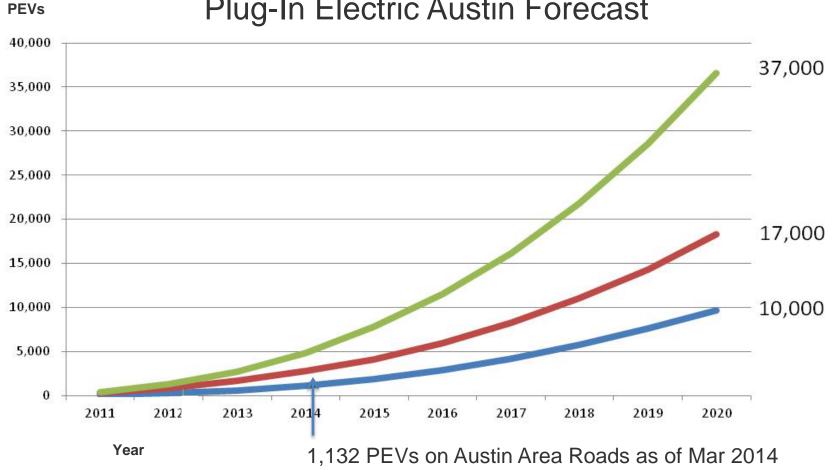




Adoption Curves (Low, Med, High)

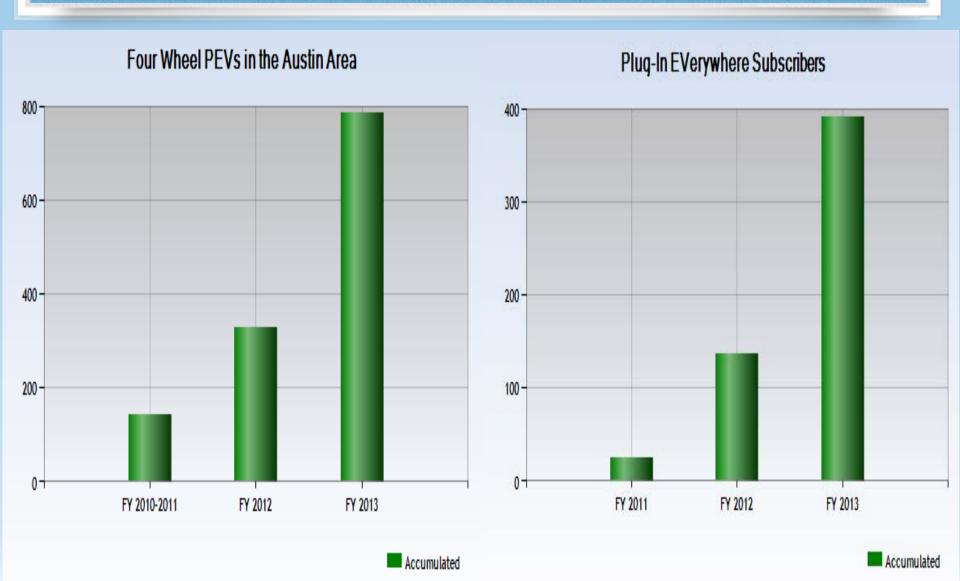






Growth; Year over Year





EV Grid Management



	Uncontrolled Charge	(Passive Control)	Grid to Vehicle (1-way control)	Vehicle to Grid/Home (2-way control)
Status	Default configuration	Gathering requirements	Pilot Phase 1 Complete	Researching
Pros	No specific utility resources requiredMaximum	 Direct opportunity sharing between customer and utility; supports 	 Ability to address peak via DR & potential for AS Supports grid 	 Ability to address peak & the most potential for AS Supports grid
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Pros	utility resources required •Maximum convenience to the customer	sharing between customer and utility; supports peak, reliability, cust. service	peak via DR & potential for AS •Supports grid reliability	peak & the most potential for AS •Supports grid reliability
	•Expected	•New Tariff	•Requires	•Requires

infrastructure costs largest peak May create new infrastructure Cons load peak (4-5am) costs None Billing System and Evolving industry May void car

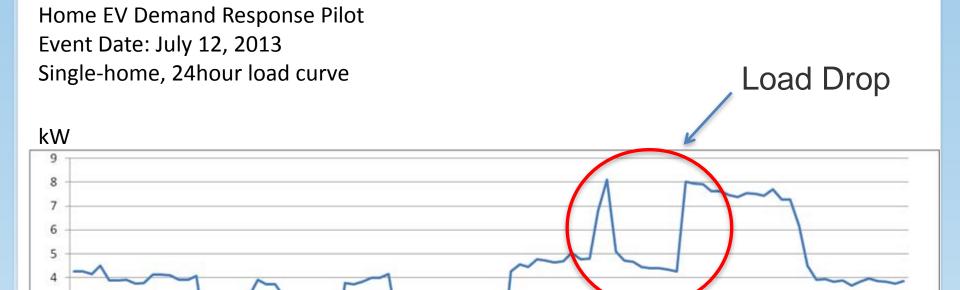
standards (e.g. Metering warranty **Constraints** Infrastructure Open ADR2.0b)

•Lack of mature requirements products

•Lack of mature products

Austin Energy Pilot - DR Event





Hour

Midnight

Noon

Midnight

Key Milestones



FY13 Milestones	FY14 Plans
 Workplace charging program 	Expand multi-family &
 Multi-Family charging program 	workplace programs
 Auto dealer and fleet program 	 Expand charging solutions to
 Airport cargo operations 	include DC Fast & Level-1
electrification (20 stations)	 Plug-In Austin campaign
 Demand Response Pilot, grant- 	 Continued charge management
funded	research & findings
 Billing system integration 	 PEV awareness website (grant
 All TRC grant deliverables on- 	funded):
time and within budget	www.texasfuelindependence.org
 CTFIP grant award & launch 	
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