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10-IEP-1F

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Coulomb, 13 July 2010

Program Scope

- Matching DOE Funding proposal under Solicitation Number DE-FOA-0000028.
- Project size: \$37M Nationwide (\$15M from the DOE, \$22M match including \$3.4M from CEC)
- Project size in California is \$12M, giving more that 3x leveraging of the CEC grant
- Provide approximately 1,500 Level II charging stations in California (~850 commercial and ~650 home) at no cost to hosts/property owners
- Installation costs are covered for "normal" installations
- 3 Focus regions – Sacramento, SF Bay Area, LA Basin
- 3 automaker partners
- 19+ month deployment program ending 12/31/2011



2

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Charging Stations



For apartments,
condominiums, public
lots, workplace



For fleets and homes



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Billing, Asset
Management, Time of
Use Pricing, Demand
Response, Lifecycle
Management, User
Services, Energy
Efficiency



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OEM Partners



- Charger deployment will match OEM vehicle flow
 - GM Volt
 - FORD Transit Connect and FOCUS BEV
 - SMART USA
- Home installations will be coordinated through OEMs



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OEM Cities



	Chevy Volt	Ford Transit Connect	Ford Focus	Smart
Los Angeles	x	x	x	
Sacramento	x	x	x	
San Francisco	x	x	x	x



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Program Objectives



- Demonstrate the viability, economic and environmental benefits of an EV charging infrastructure.
- Roll out as large of an infrastructure for EV drivers as possible to facilitate a rapid increase in the use of Electric Vehicles. Use free chargers as incentive to buy.
- Provide EV charging stations at high profile public, commercial and residential locations to encourage consumers to purchase Electric Vehicles.
- Coordinate stakeholders and OEM EV deployments to maximize charging station infrastructure usage.
- Collect data from the project to assist in formulating long term national deployment plans
- Create jobs – every station means three people go to work for a day



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Program Status




- DOE Program Awarded
- CEC Program Awarded June 23, 2010
- CEC Grant Announced July 8, 2010 at Electric Power Research Institute charging station installation
- Installation of public stations has commenced
- Home installations await vehicle sales
- We are taking requests for free public stations now
- All stations will be deployed in the next 18 months
- SF Bay Area program kickoff is July 29th at Plug-in 2010




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Thank You



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9

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