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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



Charging Stations



For apartments,
condominiums, public
lots, workplace



For fleets and homes



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ChargePoint
Fleet Portal

ChargePoint
Utility Portal

ChargePoint
Installer Portal

ChargePoint
Host Portal

ChargePoint
Subscriber Portal

ChargePoint
Driver Portal

ChargePoint
NOC Portal

ChargePoint
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



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



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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