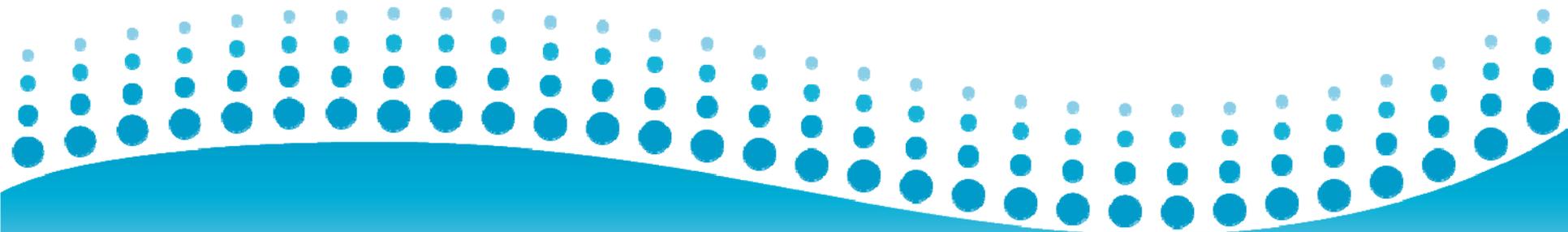




ChargePoint[®] America

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

ChargePoint Fleet Portal

Summary

Charging	0
Charged	2
Not Plugged In	1

Status

VF000 (CityCar)	City CarShare Driver
VF000 (SF)	
VF000 (EVCC)	ZP Car Driver

ChargePoint Utility Portal

Region: Alameda

Actual Load

Shed / Restore Load

ChargePoint Installer Portal

Network View

- Coulomb Tech
- San Francisco
- San Jose
- Varian Inc.
- City of Pleasanton
- Demo Unit Report
- Electric City M.
- PlugIn 2009
- Buskams
- PG&E
- Major City Cst.

ChargePoint Subscriber Portal

Usage Summary

Vehicle Name	test car
Vehicle Status	Not Charging
Time spent (hr:mm)	00:32
Month-to-Date	

Bespaarde uitstootgassen (kg)

Dagelijkse Verzameling

ChargePoint Host Portal

Detailed Usage Report

Energy (kWh)

Accumulated

Weekly

Energy Green House Gases Savings Occupied Time

Filter Detailed Usage Report

Today This Week This Month This Year

Date Range to YYYY-MM-DD

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

ChargePoint Driver Portal

Usage Summary

Vehicle Name	test car
Vehicle Status	Not Charging
Hours Charged (hr:mm)	00:32
Month-to-Date	

Green House Gases Savings (kg)

Weekly

Day Week Month Year

Fast Day Time GHS

ChargePoint NOC Portal

Network View

- Coulomb Tech
- Green Power Tec.
- Nova Charge
- Clean Fuel Com...
- Carbon Day
- Advanced Energy
- Rapid Electric ...
- San Francisco
- High Wind Power
- Sierra Nevada
- Walnut Creek
- 365 Energy

ChargePoint

Charging Stations

Fast Near or at Charging Stations

Address: (State required) (Entering City only)

Radius: 5 miles

Search

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

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



Thank You