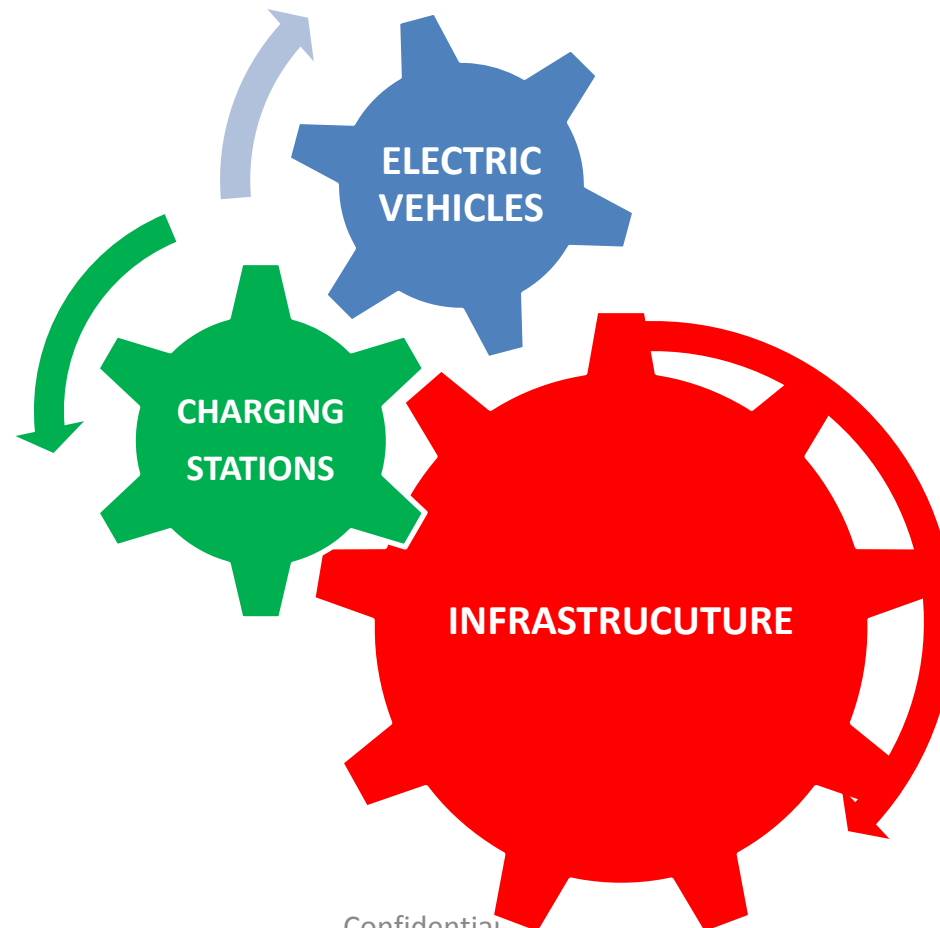


BUILDING THE WORLDWIDE ELECTRIC INFRASTRUCTURE FOR ELECTRIC VEHICLES

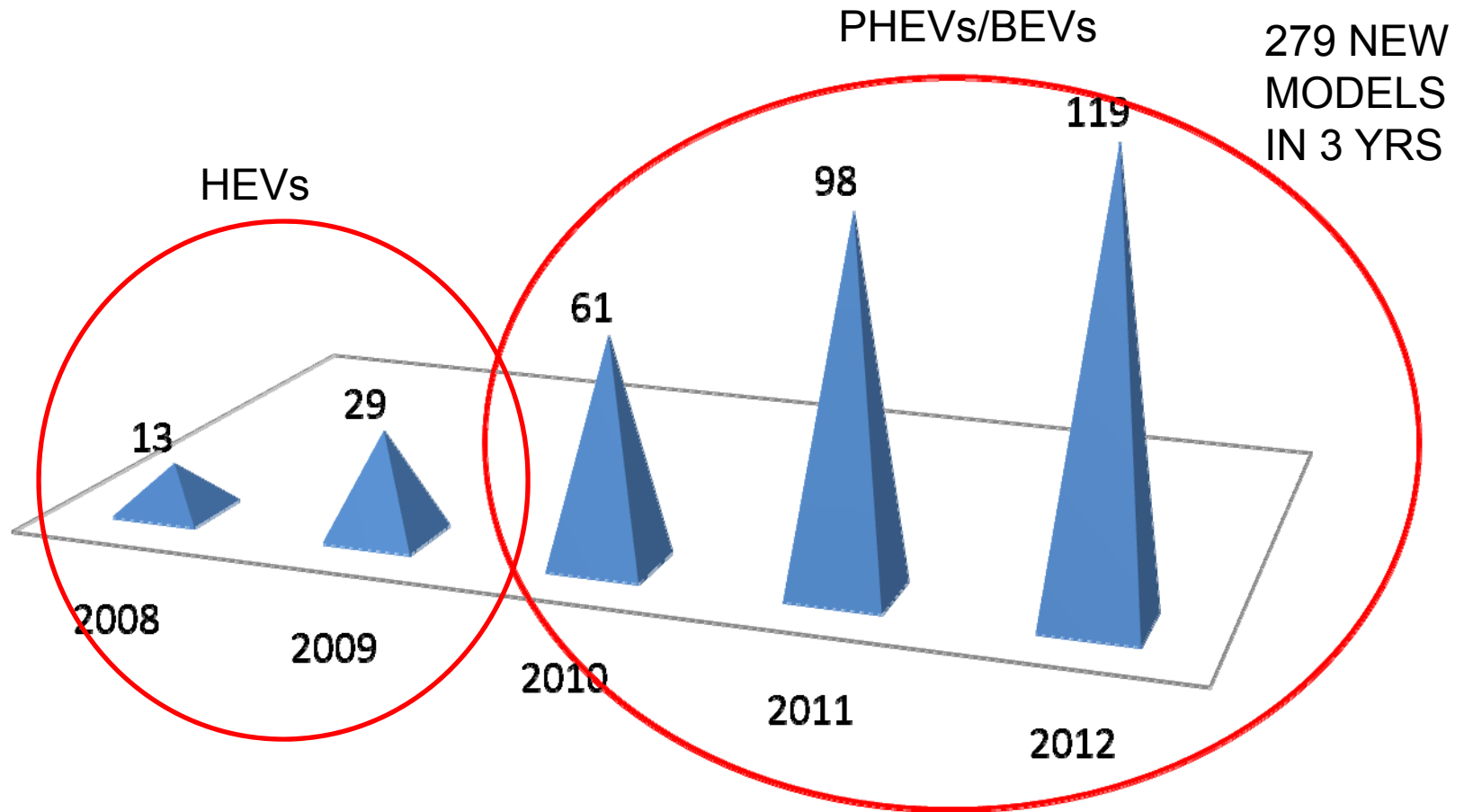


THE EV, PHEV MARKET

ELECTRIFICATION IS INEVITABLE

- Government regulations / standards in the 2020 timeframe will ONLY be achievable with a significant penetration of EVs**
- Increasingly compelling financial incentives / penalties from governments – fee-bates, tax breaks, congestion charges**
- Advances in battery technology**
- Steep cost reduction curves for batteries and electric drive components**
- Rising oil prices**
- New business models (combined with gov't incentives) that dramatically lower the entry price**
- Start-up automakers are likely to achieve commercial scale**
- A growing number of PHEVs / EVs options**

HEV, PHEV, BEV - # OF MODELS/YR



ELECTRIC VEHICLES IN 2009-10

TESLA



NISSAN LEAF



ELECTRIC VEHICLES COMING IN 2010-11



FORD ESCAPE PHEV



MITSUBISHI iMiEV



TOYOTA PRIUS PHEV

6/19/2010



MITSUBISHI PX MiEV

Confidential

ELECTRIC VEHICLES COMING IN 2010-11



eSMART



HONDA CR-Z



BYD E6 EV

7/19/2010



CHERRY S18 EV

ELECTRIC VEHICLES COMING IN 2011-12



eMINI



AUDI A1 SPORTSBACK PHEV



8/19/2010 MITSUBISHI i MiEV HP



VOLVO V70 PHEV

DETROIT- 2010 AUTOSHOW



BMW ActiveE



AUDI E-TRON



CADILLAC CONVERJ

DETROIT- 2010 AUTOSHOW

VW E-UP



FORD FOCUS BEV



TOYOTA FT-CH



TESLA MODEL S

ELECTRIC VEHICLES – CONCEPT CARS

MAGNA MILA EV



ix-METRO HYBRID ELECTRIC CUV



MERCEDES CONCEPT BLUE ZERO EV

NEIGHBOOR ELECTRIC VEHICLES



THINK



TAZZARI-ZERO



GEM CAR

E-TRUCKS/VANS

ZERO TRUCK EV



BOULDER EV



NEWTON EV

4/19/2010



FORD TRANSIT CONNECT

Confidential

E-BUSES



ELECTRIC MOTORCYCLES, 3-WHEEL EVs



BRAMMO ENERTIA EV



MISSION MOTORS ONE EV



VECTRIX VX-1

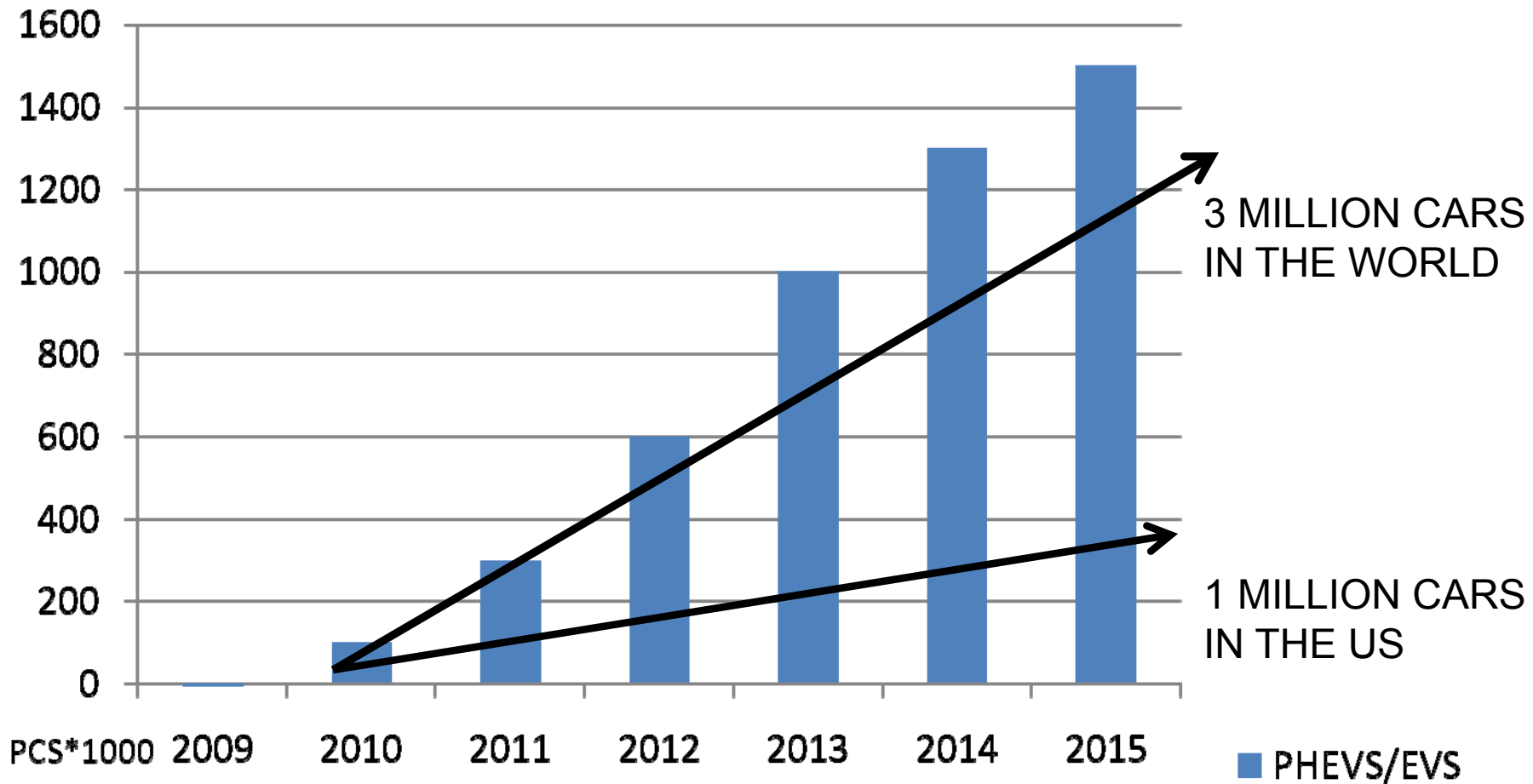


APTERA

FORECASTS

- There is a global consensus to 3 million cars in the world by 2015.
 - 1 million in USA
 - 1 million in Europe
 - 1 million in Asia
- Carlos Gosn: “Within 2020, 10% of all vehicles will be electric “(**). It would mean 25 Million Evs/PHEVs
- Warren Buffett: “All vehicles manufactured by 2030 will be electric”

PHEV/EV - SALE PROJECTIONS



NEW CHALLENGES

Where will people charge?

- In the US there are 250 Million Cars and SUVs and only 54 Million private garages

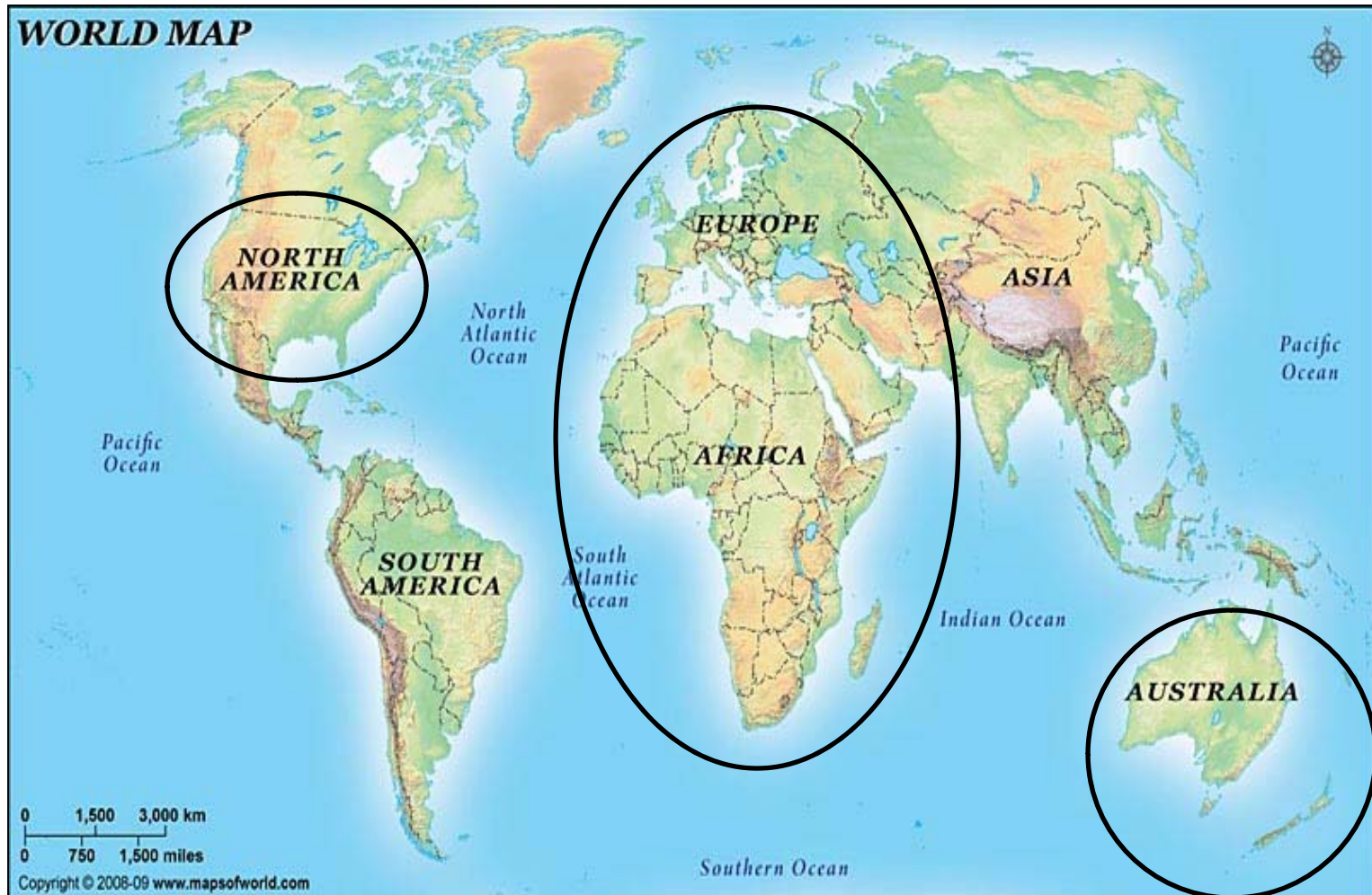
Expected behavior

- Studies show that “80% of Plug-in owners want to charge more than once a day”

VERDEK'S OBJECTIVE

To build a network of CHARGEPOINT charging stations, strategically located in major metropolitan areas and along major highway corridors to support the growth of the EVs/PHEVs market

COULOMB CHARGEPOINT NETWORK



COULOMB CHARGEPOINT PRODUCT RANGE



Coulomb Technologies ChargePoint® Network

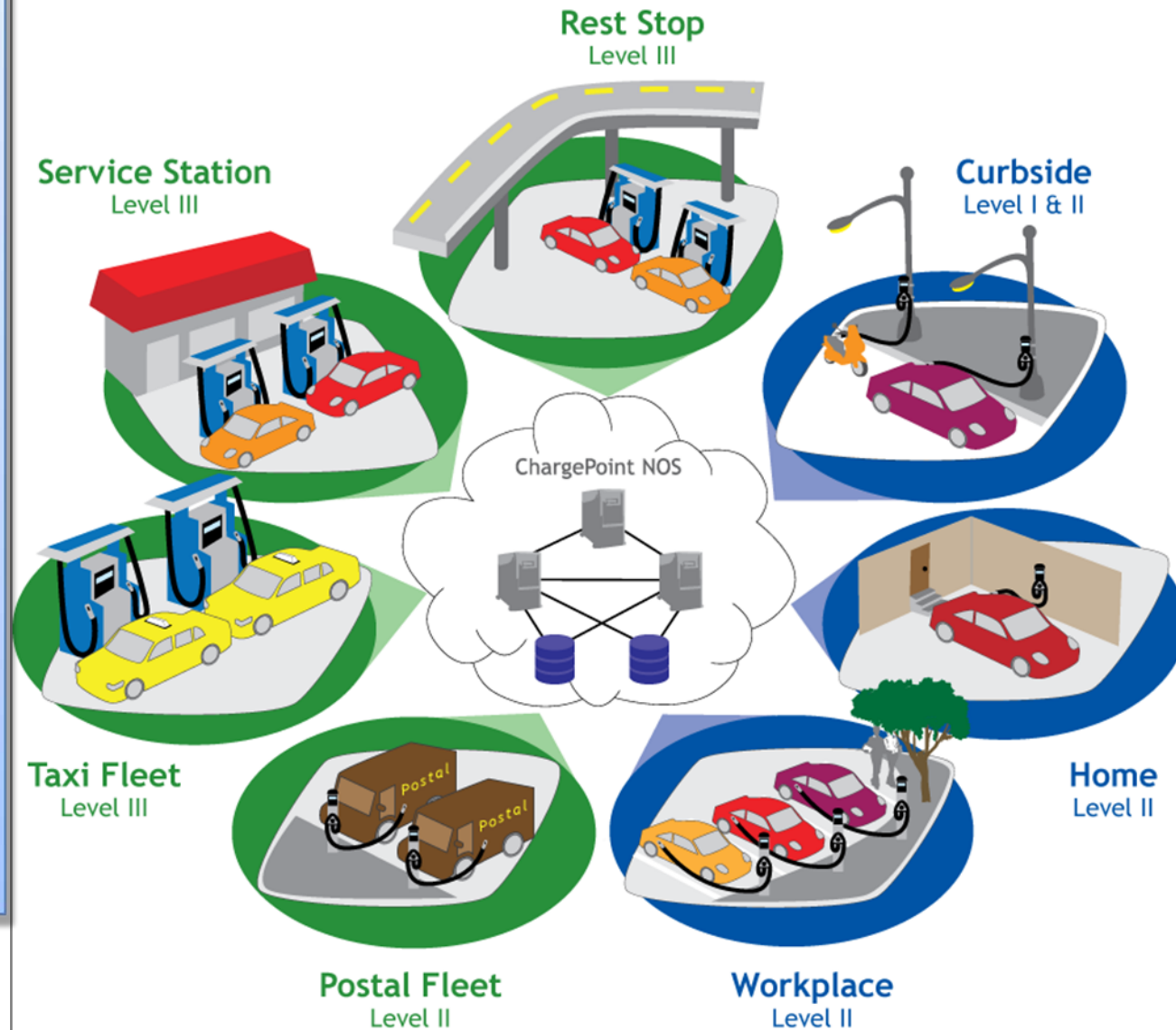
ChargePoint
Charging
Stations

ChargePoint
Software
Application
Services

ChargePoint
Network
Support Services

ChargePoint
Network
Operating
System

=



THE NETWORKED SOLUTION

- DRIVERS USE NAVIGATION SYSTEMS, GOOGLE MAP, i-PHONE/BLACKBERRY TO FIND CHARGEPOINTS
- CHARGING STATIONS CAN BE ACCESSED VIA 800 NUMBER, RFID CREDIT CARDS OR KEY FOBs



ELECTRIC VEHICLES CREATE OPPORTUNITIES

- Generate revenue
- Extend store visits
- Build loyalty with customers
 - EV community
 - Environmentally conscious customers
- Advertise leadership in energy independence
 - Greenhouse gas reduction
 - Petroleum fuel reduction
- LEED Points
- Strengthen relationships with environmentally conscious
 - Customers
 - Business partners
 - Employees



SOLAR POWERED CARPORTS THE SUSTAINABLE SOLUTION



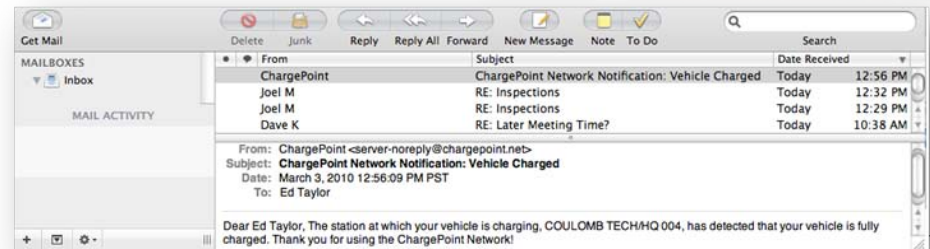
CHARGING EVs OR SELLING POWER TO THE UTILITY COMPANIES

SATISFY CUSTOMERS



- ChargePoint Network Driver Support Services

- ChargePoint Network takes care of drivers for you
- Email, SMS notifications
- 24/7 driver telephone support service



- ChargePoint Network Service Manager

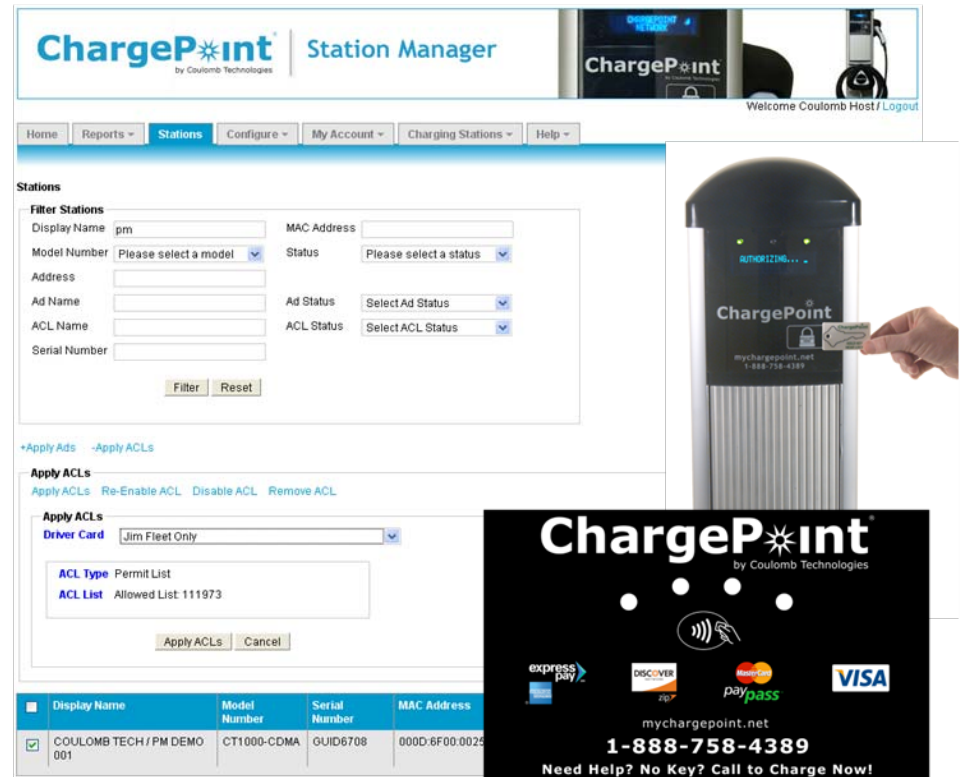
- Ensure system up-time
- Minimize truck rolls - only send maintenance staff if necessary
- Remote viewing: alarms, status
- Remote diagnostics and control



Display Name	Status	In Use	Unreachable	Provisioning	Alarm	Time	Count
COULOMB TECH / PM DEMO 001	Available	0	0	0	COulomb Tech OFCI Trip	2010-02-26 16:00:29	230
COULOMB TECH / LAB STATION	Available	0	0	0	COulomb Tech Bootup Due to SOFT RESET	2010-02-22 13:52:17	115
COULOMB DEMO / CHARGEPOINT 319	Available	0	0	0	COulomb Trade Show (Demo) Bootup Due to SWITCH	2010-02-17 11:46:24	79
COULOMB DEMO / CHARGEPOINT 251	Available	0	0	0	COulomb Trade Show (Demo) Bootup Due to SOFT RESET	2010-02-17 11:20:18	69
COULOMB TECH / CONF RM 001	Available	0	0	0	COulomb Tech OFCI Trip	2010-02-17 09:31:55	15
COULOMB TECH / CONF RM 002	Available	0	0	0	COulomb Tech Bootup Due to POWER ON	2010-02-16 11:13:51	51
COULOMB TECH / HQ 004	Unreachable	0	1	0	COulomb Tech Unreachable	2010-02-11 18:10:01	83
COULOMB DEMO / EPRI	Unreachable	0	1	0	COulomb Trade Show (Demo) Unreachable	2010-02-04 17:30:01	595
QA UNITS / LAB STATION	Unreachable	0	1	0	COulomb QA Unreachable	2010-01-21 16:20:02	15

PROVIDE SECURE ACCESS

- ChargePoint Network Station Manager
 - Control costs - ensure stations available for customer use
 - Choose public, private access
 - Restrict access by driver, time-of-day, calendar
- Access options
 - ChargePass™ Card
 - Major contactless credit card
 - 24/7 toll free telephone number
 - More coming (i.e., employee RFID badge)

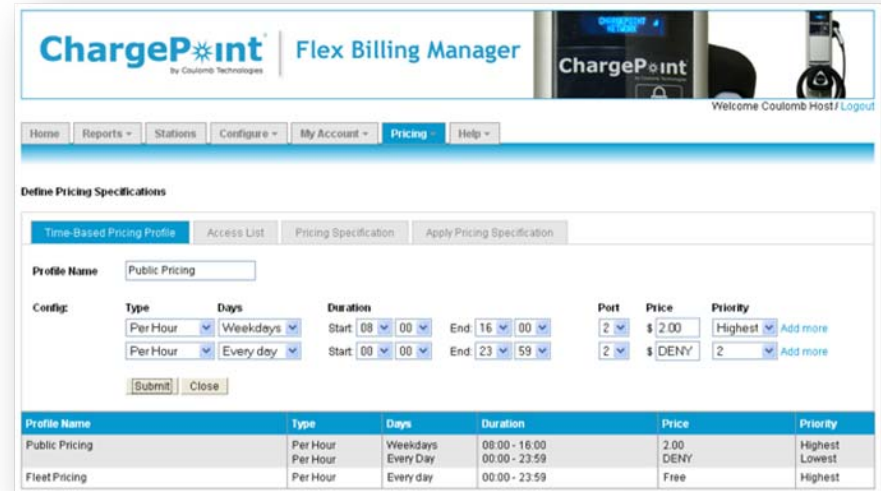


The image shows the ChargePoint Station Manager web interface and a physical charging station. The interface includes a navigation menu with options like Home, Reports, Stations, Configure, My Account, Charging Stations, and Help. The main content area is titled 'Stations' and contains a 'Filter Stations' form with fields for Display Name, Model Number, Address, Ad Name, ACL Name, Serial Number, MAC Address, Status, Ad Status, and ACL Status. Below the filter form are 'Filter' and 'Reset' buttons. There are also links for '+Apply Ads' and '-Apply ACLs'. The 'Apply ACLs' section shows a dropdown for 'Driver Card' set to 'Jim Fleet Only' and a table for 'ACL List' with columns for ACL Type and ACL List. At the bottom of the interface is a table with columns for Display Name, Model Number, Serial Number, and MAC Address. The physical charging station is shown with a hand inserting a card. The bottom right corner features the ChargePoint logo, contact information (mychargepoint.net, 1-888-758-4389), and logos for payment methods: express pay, discover, paypass, and VISA. A banner at the bottom reads 'Need Help? No Key? Call to Charge Now!'.

Display Name	Model Number	Serial Number	MAC Address
<input checked="" type="checkbox"/> COULOMB TECH / PM DEMO 001	CT1000-CDMA	GUID6708	000D:6F00:0025

Build Revenue, Attract new Business

- Flex Billing Manager
 - Choose free, or for-fee access
 - Set pay-per-time (i.e., Parking) pricing
 - Vary price by driver, time of day, calendar day, or combination
- Flex Billing Service
 - Revenue collection on your behalf
 - Automatic fund transfer
- Station Manager
 - Entice customers
 - Set station advertisement
- ChargePass Card
 - Build customer loyalty
 - Customize branding
 - Offer special customer rates



ChargePass^{int} Flex Billing Manager

Welcome Coulomb Host / Logout

Home Reports Stations Configure My Account Pricing Help

Define Pricing Specifications

Time-Based Pricing Profile Access List Pricing Specification Apply Pricing Specification

Profile Name: Public Pricing

Config:

Type	Days	Duration	Port	Price	Priority
Per Hour	Weekdays	Start 08:00 End 16:00	2	\$ 2.00	Highest
Per Hour	Every day	Start 00:00 End 23:59	2	\$ DENY	2

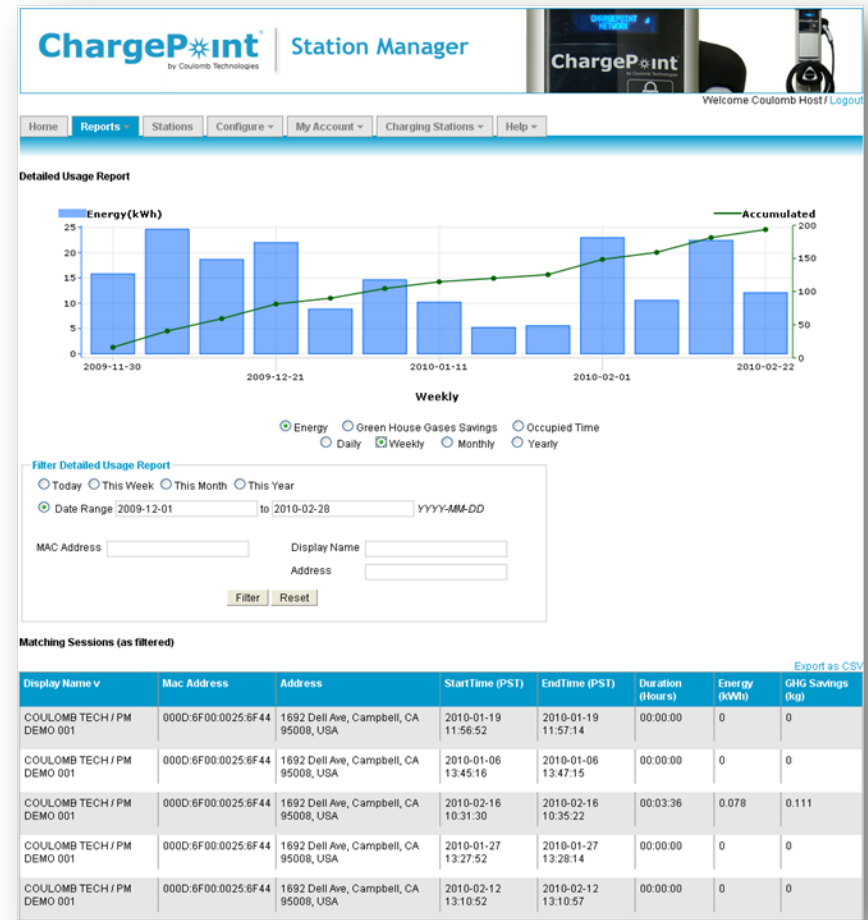
Submit Close

Profile Name	Type	Days	Duration	Price	Priority
Public Pricing	Per Hour	Weekdays	08:00 - 16:00	2.00	Highest
	Per Hour	Every Day	00:00 - 23:59	DENY	Lowest
Fleet Pricing	Per Hour	Every day	00:00 - 23:59	Free	Highest



EASILY MANAGE RETURN ON INVESTMENT

- Station Manager
 - Central access to usage data
 - Electricity used, Greenhouse gas savings, Gasoline savings
- Export and combine data
 - Manage expenses
 - Measure return on investment
 - Calculate equivalents for other savings



Protect Driver Safety, Limit Liability

- All products certified to international safety standards
- Charging sessions are only energized when it is safe to do so
 - Authorized access only
 - Automatic GFI detect with retry
 - Automatic cable disconnect detect
 - Locking door for applicable models



THE CHARGEPOINT NETWORKED CHARGING STATIONS

FEATURES

- 240V-30A / 120V-12A with NEMA 5 – 20 and SAE J1772 connector
- AC charging Power Output
 - 7.2kW (240V @ 30A) - Level 2
 - 1.9kW (120V @ 16A) - Level 1
- Personnel Protection (GFCI, over-current protection, plug-out detection)
- Bi-Directional FOR V2G, Utility Grade Power
- 802.15.4 Radio and Zigbee protocol
- RFID Reader
- CDMA or GSM Modem
- Lock/release security cord to avoid cord theft
- Outlets always de-energized until user is authenticated and cord is plugged into car



WWW.MYCHARGEPOINT.NET - ONE ACCESS POINT

STATION OWNER

ChargePoint™ Network

Load Management | Reports | FAQ | Contact Us

County: Santa Clara

Load: **Checkable - 400 MW**
Actual: 100 MW

Device GUID	Issue Details	Alarm Time	Alarm Count
DEVICE00030	Operational 2	2008-07-07 18:14:53	2
DEVICE00023	Data 1	2008-07-03 18:15:08	5

View Alarm

Device GUID: DEVICE00023

Location: [Redacted]

Alarms:

- Data Alarm: Clear Alarms
- Issue Details: Data 1
- Alarm Time: 2008-07-03 18:15:08
- Alarm Count: 5
- Operational Alarm: Clear Alarms
- Issue Details: Operational 1
- Alarm Time: 2008-07-07 18:15:08
- Alarm Count: 2

Status Comments: [Redacted]

Buttons: [Disable] [Cancel]

4/19/2010

DRIVERS

mychargepoint

Home | My Account | Profiles | Reports | FAQ | Contact Us

Summary

Vehicle Name: Saturn Vue

Vehicle Status: Charging

Hours Charged: Peak: 20
Off Peak: 30

Hours Plugged In: 70

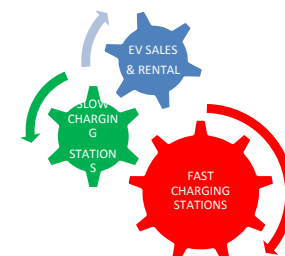
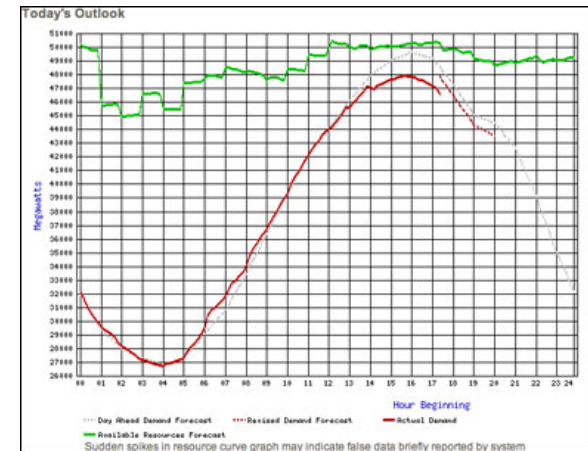
Device Usage - Charged Time (Hours)

Month	Charged Time (Hours)
Jan 2008	20
Mar 2008	34
Apr 2008	15
May 2008	24
Jun 2008	43

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UTILITIES



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DRIVER PORTAL

- Search for ChargePoints with Google Maps
- Request charging stations in new areas
- View and generate usage reports
 - Charging history
 - GHG emission savings
 - Billing Reports
 - Set SMS/E-mail alerts for plug-out detected, charging completed, etc.

mychargepoint Welcome Bob Fox / Logout

Home My Account Profiles Reports FAQ Contact Us

Search Usage History

Time Period: Start Time End Time

Charge Time: Less Than

Location:

Type: Vehicle Charge

Fuels Savings Over Gas:

Greenhouse Gases Saved:

Vehicle Charge History Export as CSV

Start Time v	End Time	Peak Charge (hr)	Off Peak Charge (hr)	Fuel Savings (\$)	Greenhouse Gases Saved (ppmv)	Total Charger Occupied Time (min)	Effective Charge Time (min)	Location
2008-07-11 09:32:11	2008-07-11 09:39:07	20.00	15.00	15.00	13.00	10.00	8.00	1692 Dell Avenue, Campbell, CA 95008
2008-06-08 17:04:46	2008-06-08 17:47:27	20.00	15.00	15.00	13.00	10.00	8.00	1692 Dell Avenue, Campbell, CA 95008

1 2 3 > Last

mychargepoint Welcome Bob Fox / Logout

Home My Account Profiles Reports FAQ Contact Us

Map Satellite Hybrid

Summary

Vehicle Name:	Saturn Vue
Vehicle Status:	Not Charging
Hours Charged:	Peak: 20 Off Peak: 30
Hours Plugged In:	70

Device Usage - Charged Time (Hours)

Charged Time (Hours)

Period: Day Week **Month** Year

Trend: Time Fuel GGS

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WWW.MYCHARGEPOINT.NET

STATION OWNER PORTAL

- View and generate reports (revenue, utilization, maintenance, ..)
- Set notification methods (e.g. SMS, E-mail, etc.)

ChargePoint™ Network

Welcome Bret Lee / Logout

Home Alarm View Network View Provision Reports FAQ Contact Us

Network View

South Bay

- DEVICE00001
- DEVICE00003
- DEVICE00005
- DEVICE00011
- DEVICE00013
- DEVICE00015
- DEVICE00016
- DEVICE00017
- DEVICE00023
- DEVICE00025
- DEVICE00026

Device GUID v	Issue Details	Alarm Time	Alarm Count	
DEVICE00030	Operational 2	2008-07-07 18:14:53	2	View
DEVICE00023	Data 1	2008-07-03 18:15:08	5	View
DEVICE00005	Operational 1	2008-07-03 18:15:53	1	View

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WWW.MYCHARGEPOINT.NET

Map Satellite Hybrid

DEVICE00049

Idle

Edit Del

Edit Device

Type Smartlet

GUID DEVICE00049

Location [Set Location](#)

Latitude 37.2527 [Set Location](#)

Longitude -121.9 [Set Location](#)

System Time

Firmware Version

Welcome Bret Lee / Logout

ChargePoint™ Network

Welcome Bret Lee / Logout

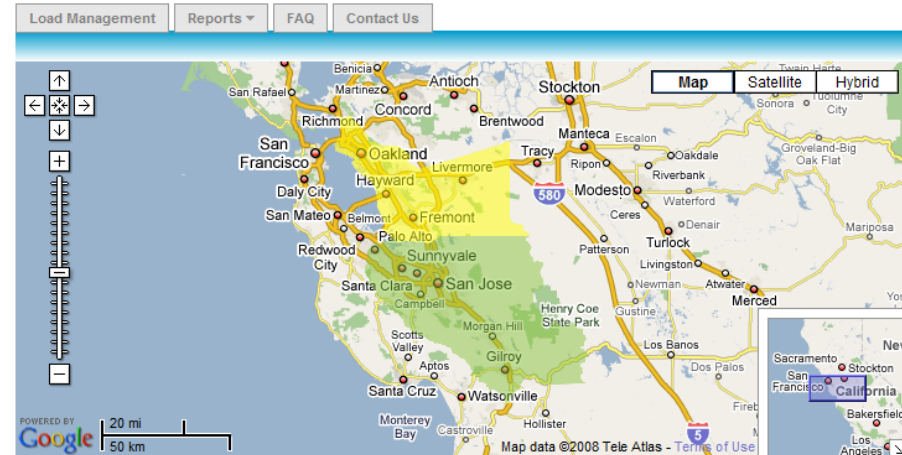
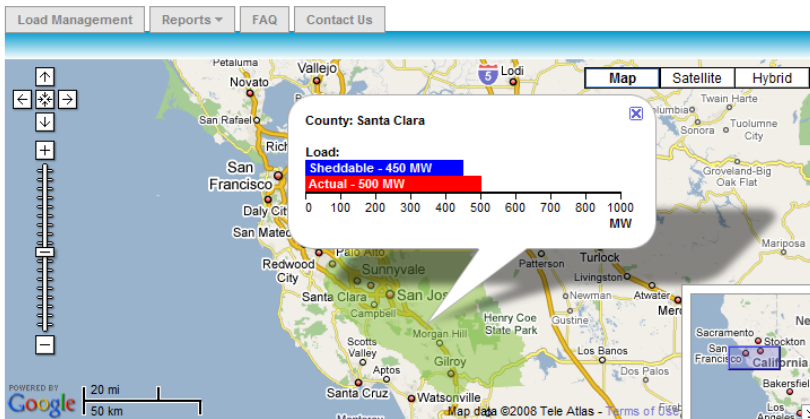
Home Alarm View Network View Provision Reports FAQ Contact Us

Host Usage Report	Usage Report -- Group
South Bay	Time Charged 50
Sunnyvale	Time Occupied 70
san Jose	Time Idle 45
Campbell	Time Oversubscribed 20
Los Gatos	Total Charge 200
san jose new	
Shell Ave	
San Jose Downtown	
smartDevices	
Los Altos	
Campbell Ave	
Los Gatos Downtown	
Coulomb Group	
East San Jose	
YahooGroup	
West San Jose	
East Campbell	
North San Jose	
Campbell_subgroup	

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UTILITY PORTAL

- Enables utility companies to determine load and invoke Demand Response (load-shedding) for a group of ChargePoint during peak conditions.



COULOMB INSTALLATIONS



4/19/2010

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COULOMB INSTALLATIONS IN TX



INSTALLATIONS IN THE US

Find Stations - ChargePoint Network - Internet Explorer provided by Dell

http://www.mychargepoint.net/find-stations.php

File Edit View Favorites Tools Help

Web Search Bookmarks Settings News Finance Movies Weather Mail Address Book Calendar Notepad

Secure Search McAfee

Favorites QuickBooks Online Login Secure Customer Login (2) Secure Customer Login lead Mr. Jose Luis Becho ... Importation and Certificat... Verdek-EV Go Green, Sav...

Find Stations - ChargePoint Network

Find Stations Request a Station ChargePass Cards Driver Assistance FAQ Contact Us

Find Stations

Map Satellite Hybrid

Available In use Unreachable

Level 1 Level 2

- 727 Marrett Rd, Lexington, MA 02421, USA
- 1530 Rocky Point Road, Middle Island, NY 11953
- 301 Park Avenue, New York, NY
- 1000 Sam Weinroth Road, Ewing, NJ 08628
- 7522 Teague Rd, Hanover, MD 21076, USA
- 8325 Six Forks Rd, Raleigh, NC 27615

News & Events

- 365 Energy Installs First Coulomb ChargePoint Networked Charging Stations for Ireland's Electric Supply Board
- Whole Foods Market Unveils ChargePoint stations...
- Video: Charging Station in Austin

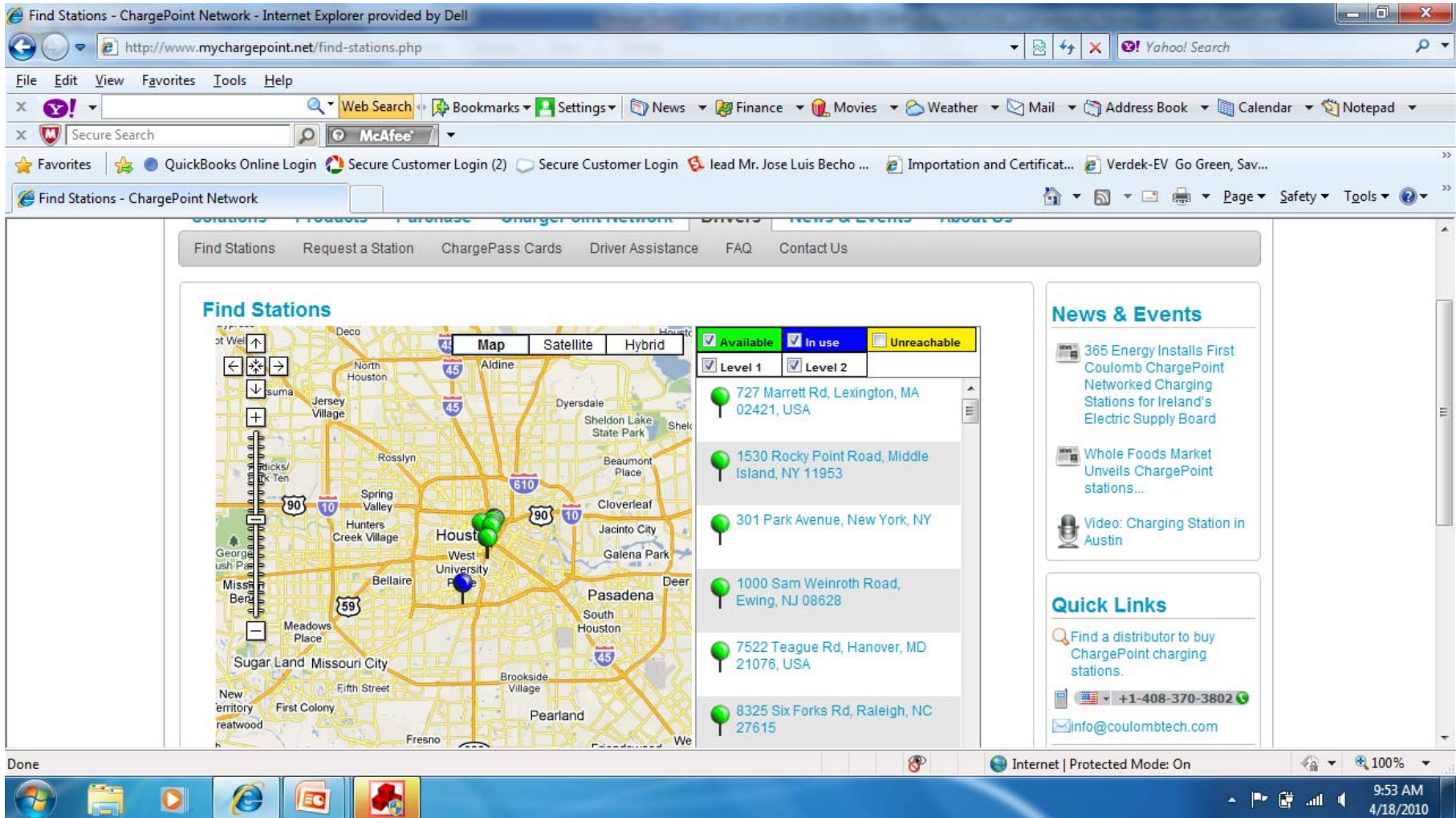
Quick Links

- Find a distributor to buy ChargePoint charging stations.
- +1-408-370-3802
- info@coulombtech.com

Done Internet | Protected Mode: On 100%

9:51 AM 4/18/2010

HOUSTON INSTALLATIONS



The screenshot shows the 'Find Stations' page on the mychargepoint.net website. The browser window is Internet Explorer, displaying the URL <http://www.mychargepoint.net/find-stations.php>. The page features a map of Houston, Texas, with several green pins indicating charging stations. A sidebar on the right lists the following stations:

Available	In use	Unreachable
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The stations listed are:

- 727 Marrett Rd, Lexington, MA 02421, USA
- 1530 Rocky Point Road, Middle Island, NY 11953
- 301 Park Avenue, New York, NY
- 1000 Sam Weinroth Road, Ewing, NJ 08628
- 7522 Teague Rd, Hanover, MD 21076, USA
- 8325 Six Forks Rd, Raleigh, NC 27615

The right sidebar also contains 'News & Events' and 'Quick Links' sections. The Windows taskbar at the bottom shows the date as 4/18/2010 and the time as 9:53 AM.

U.S. TAX INCENTIVES AND GRANTS AVAILABLE - SNAPSHOT

- **Alternative Fuel Vehicle Refueling Property Credit**
 - **The Energy Policy Act (EP Act) of 2005** (Pub. L. No. 109-58, § 1342) provided an income tax credit equal to 30 percent of the cost of installing new alternative fuel vehicle refueling property at each location by the taxpayer but was limited to a maximum of \$30,000 in the case of business property.
 - **The American Recovery and Reinvestment Act (H.R. 1)** passed on February 10, 2009, increases the credit from 30% (capped at \$30,000) to 50% (capped at \$50,000) for business property placed in service in 2009 and 2010.
 - If the refueling property is acquired by a tax-exempt organization, governmental unit, or a foreign person or entity, and the use of that property is described in section 50(b)(3) or (4), ***the company that sold the fueling equipment can claim the tax credit*** -- but only if they provide the customer with written notification of the credit value
- **Other Incentives**
 - Up to \$7,500 Federal Tax Credit for purchase of new electric cars - based on battery size

GUY MANNINO

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