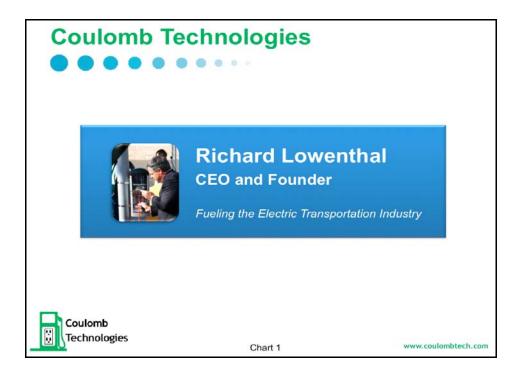


Testimony of Richard Lowenthal, CEO of Coulomb Technologies
Hearing on Business Opportunities and Climate Policy
U. S. Senate Committee on Environment and Public Works
Senator Barbara Boxer of California, Chair
Tuesday, May 19, 2009 – 10:00 AM
Dirksen Senate Office Building – Room 406



Introduction – Chart 1

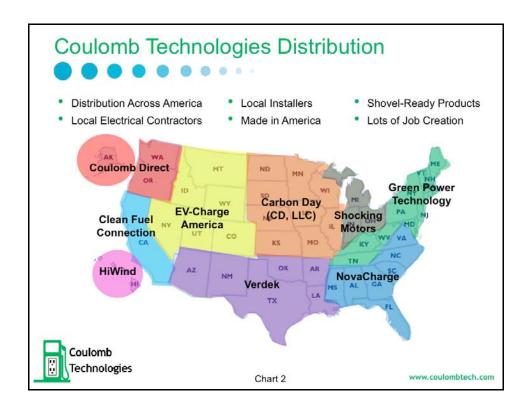
Hello Madam Chair and members of the Committee, and thank you for inviting me here to testify today. My name is Richard Lowenthal and I am the founder and CEO of Coulomb Technologies. I am also a former Mayor of the City of Cupertino, California. Coulomb is a startup company, founded in 2007, that is developing charging stations for electric vehicles.

Over the next few years, major automakers will begin ramping up production and sales of plug-in electric vehicles. As we attempt to reduce our dependence on oil, and are increasingly conscious of protecting the environment, there is tremendous opportunity for growth in the electric vehicle market. These vehicles run on electricity, which we make here in the US and is cheaper per mile than gasoline, and they don't produce greenhouse gas emissions.

Coulomb Technologies provides electric charging stations for these vehicles. In the US, there are 247 million cars but only 53 million garages. In San Francisco, for example, 51 percent of cars are parked



curbside at night. Coulomb provides charging stations that go curbside, in condominiums, apartments, public lots, at the workplace, or anywhere consumers park. Our stations are unique because they include Smart Grid integration, and a billing system that provides money to pay for all recurring costs. We have the capability to build charging infrastructure to enable rapid growth of the electric vehicle market.

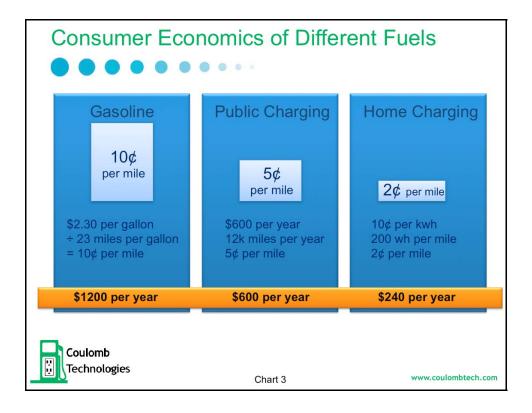


Distribution and jobs and endorsement of Carbon Credit - Chart 2

Coulomb designs and manufactures our products in the US and has distribution now covering all 50 states. We have distributor and installer contracts for 46 states and the remaining 4 we handle directly. Because our products are "shovel-ready" and require the skills of local electricians and contractors to install, we provide jobs nationwide. Our young company already has stations installed and operating in California, Illinois, North Carolina, New York, and Hawaii.

We believe that a cap and trade system will strengthen our business and trigger significant growth for us. We like the system because it incentivizes good behavior without raising taxes. Cap and trade will provide incentives for companies like ours to deploy products that allow for reduced emissions. It will provide incentives for our customers to buy products that produce less carbon waste.

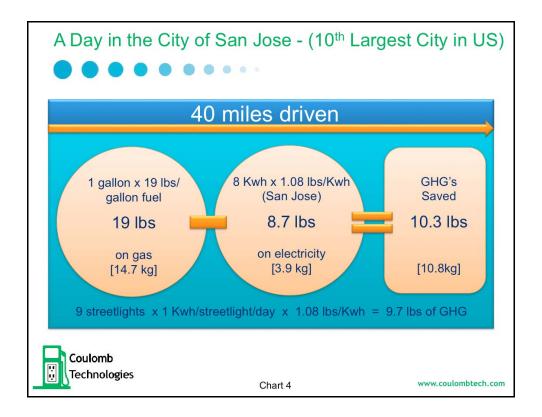




Consumer Economics – 2/5/10 – Chart 3

Electric vehicles reduce the cost to consumers for fueling their cars. Driving on gasoline at the national average of 23 miles per gallon, with gasoline at \$2.30 per gallon, costs consumers 10 cents a mile. Of course with the volatility in gasoline prices, this was as high as 20 cents a mile last summer. Driving on home electricity at 10 cents per kilowatt hour will costs consumers approximately 2 cents a mile. Using Coulomb's public charging infrastructure, drivers pay about 5 cents a mile, half the price of gasoline travel.

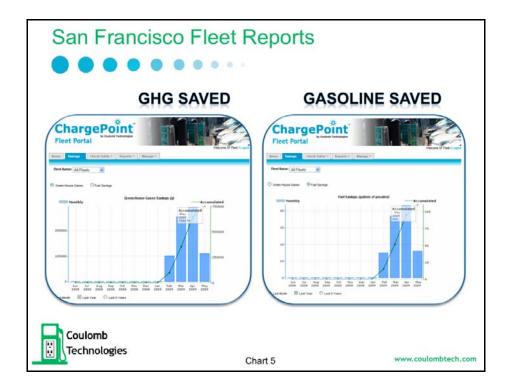




San Jose - 10th GHG Policy Effects - Chart 4

This chart represents emissions reductions initiated through climate change policy and attained using Coulomb's technology. Mayor Chuck Reed of San Jose, California set a goal to "replace 100 percent of our streetlights with smart, zero emission lighting" in 15 years. Working with the Mayor, Coulomb Technologies took on that goal, provided the equipment, and installed charging stations on light poles in San Jose. The challenge in this situation was to compensate for emissions of electricity generation. However, for every charger deployed, gasoline consumption is reduced by about 1 gallon per day. That effectively eliminates more greenhouse gasses than would be emitted by powering the car plus 9 streetlights. In other words, getting the car off of gasoline compensates for 9 light poles worth of streetlights.

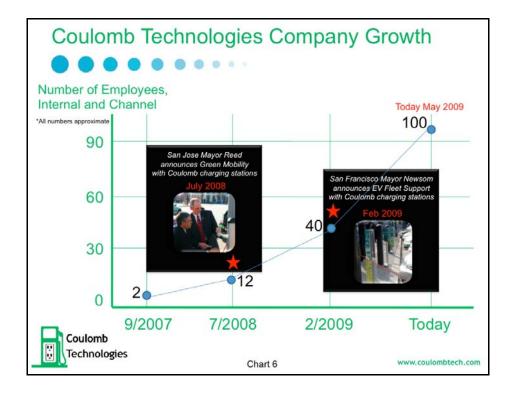




San Francisco – Measurable Results – Chart 5

The City of San Francisco justifies its electric vehicle fleet and infrastructure by the savings they realize in gasoline costs and greenhouse gas emissions. These charts show San Francisco's real life savings every month. Measurement and accountability tools for greenhouse gas emissions and fuel savings are here today. This demonstrates that a cap and trade system designed to reduce emissions can be implemented immediately, with auditable results.

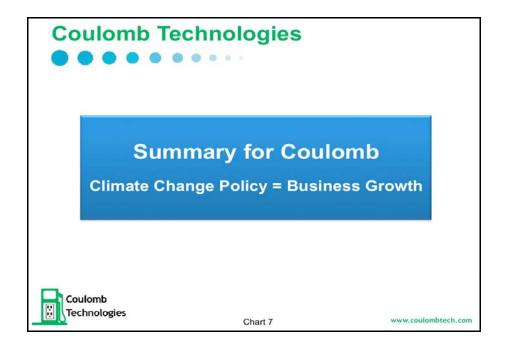




Summary - Climate Change Policy has driven growth - Chart 6

In purely business terms, a national cap and trade policy will help our company grow. Similar public policies are already working for us on a smaller scale, as demonstrated with the streetlight system in San Jose. Cap and trade policies move us toward greater oil independence, cleaner air, and cheaper transportation for consumers. This chart shows the growth of our, admittedly tiny, company with results driven by climate change policies implemented in San Jose and in San Francisco. Coulomb Technologies has grown to 45 employees inside and 50 outside, across the US. We have already spun off two new US companies, Nova Charge and EV Charge America. In fact, we have also begun exporting our products to European countries.





Close - Chart 7

Thank you Madam Chair and members of the Committee for the opportunity to appear before you today, and I applaud your efforts toward this issue of global importance.

About Coulomb Technologies, Inc.

Coulomb Technologies (www.coulombtech.com), headquartered in Campbell, Calif., offers a family of products and services that provide a plug-in vehicle charging infrastructure, which includes ChargePoint™ Networked Charging Stations ranging in capability from 120V 15A to 240V 80A AC charging to 120kW DC charging. Coulomb applies networking technology to the challenge of charging electric vehicles and plug-in hybrids in order to fuel the electric transportation industry. Coulomb's ChargePoint™ Network (www.mychargepoint.net) addresses the needs of drivers, utilities, governments, and parking space owners. For more information, please visit www.coulombtech.com. Follow Coulomb on Twitter at twitter.com/coulombevi.