

5 Recommendations from Google

Who we are:
RechargeIt and Google.org:

Here today:
Adam Smith, Steward for Good Energy
Alec Proudfoot, Technical Lead
Rolf Schreiber, Software Engineer
Adam Borelli, Team Coordinator



google.org RechargeIt.org: A Google.org Project

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Comoe

Toyota Prius Plug-in

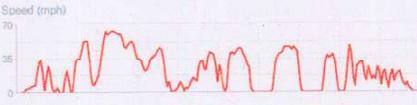


This car is a gasoline-powered Toyota Prius that has been modified by adding a second, larger battery. The additional battery can be charged using a normal 120-volt outlet, ideally at night when electricity demand (and cost) is at its lowest.

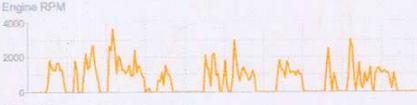
69.9 MPG
123.8 Wh/mile

Event Data

Speed (mph)



Engine RPM



Original Equipment Battery Current (A)



Event Summary

Start Time	March 17 5:01 pm
End Time	March 17 5:23 pm
Elapsed Time	22 minutes
Distance Driven	8.101 miles
Fuel Used	0.128 gallons
Fuel Economy	63.5 MPG

Events for Monday, March 17, 2008

12:00 am	Daily summary
9:42 am	Drive 6.3 miles in 14 minutes
11:43 am	Drive 6.1 miles in 13 minutes
11:57 am	Charge for 1 hour 3 minutes
1:01 pm	Drive 2.6 miles in 12 minutes
1:30 pm	Drive 3.0 miles in 11 minutes
1:42 pm	Charge for 3 hours 18 minutes

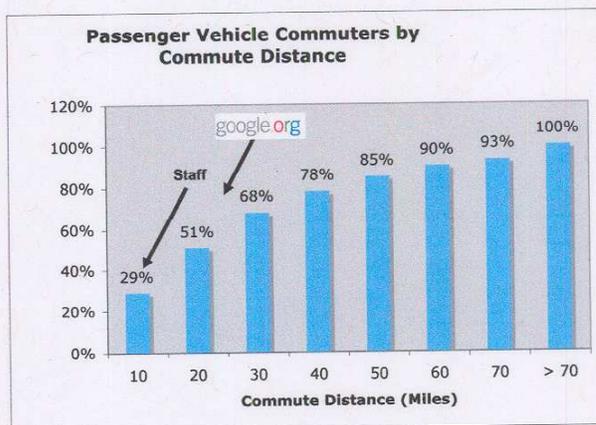
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What we want:
Clean air

How we get it:
Mass commercialization of plug-in vehicles
Plug-ins = EVs + Plug-in Hybrids

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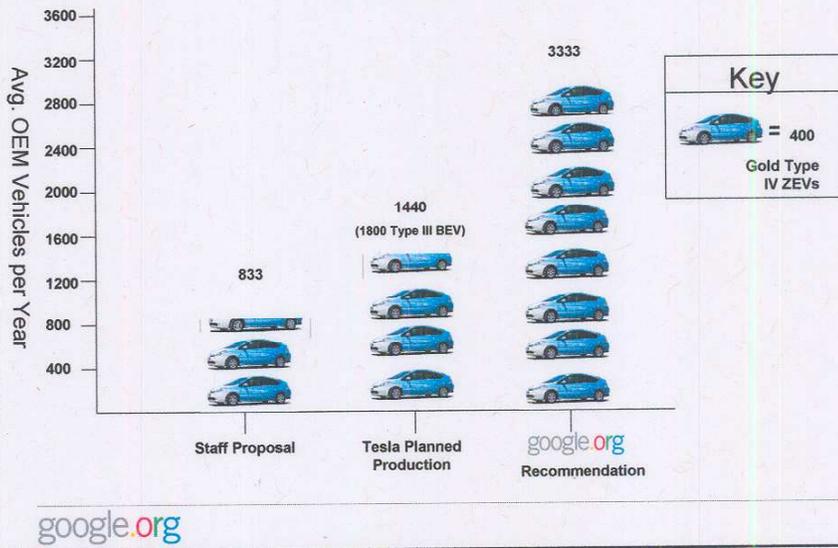
1. Require silver+ have 25 mile min all electric range (EAER)



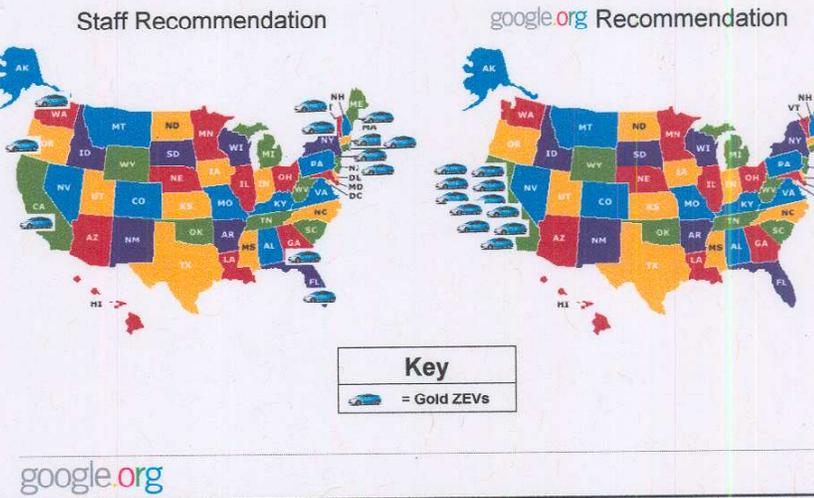
Bureau of Transportation, 2003

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2. Require 40% be pure ZEVs in phase III



3. Let travel provision sunset as planned



4. Sunset silver Type C allowance

Don't extend credits for mild hybrids indefinitely

5. Don't modify existing NEV credit



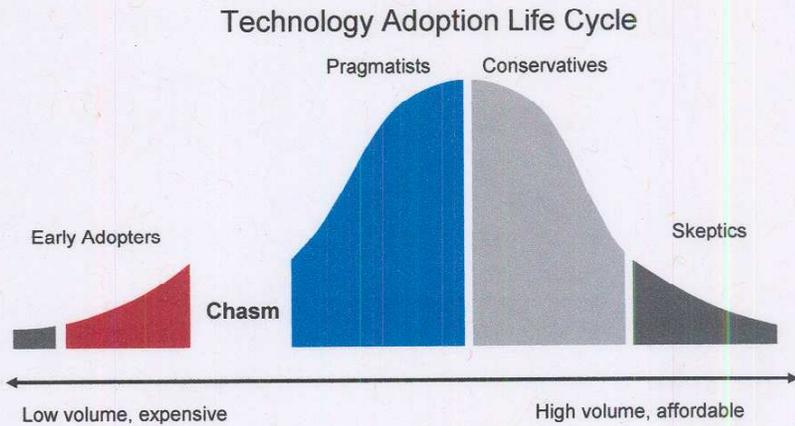
Dynasty electric car corp



Global Electric Motorcars

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ZEV program will help us reach mass market



From Crossing the Chasm, by Geoffrey A. Moore, 1999

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