

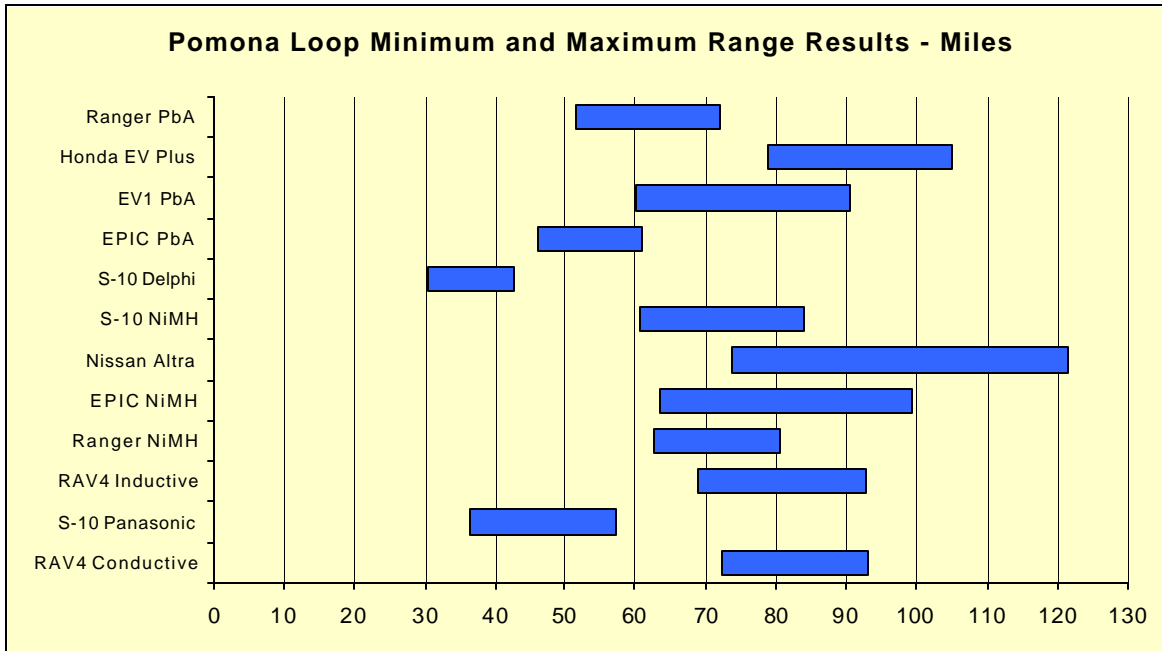
## Pomona Loop Baseline Performance Testing Summary

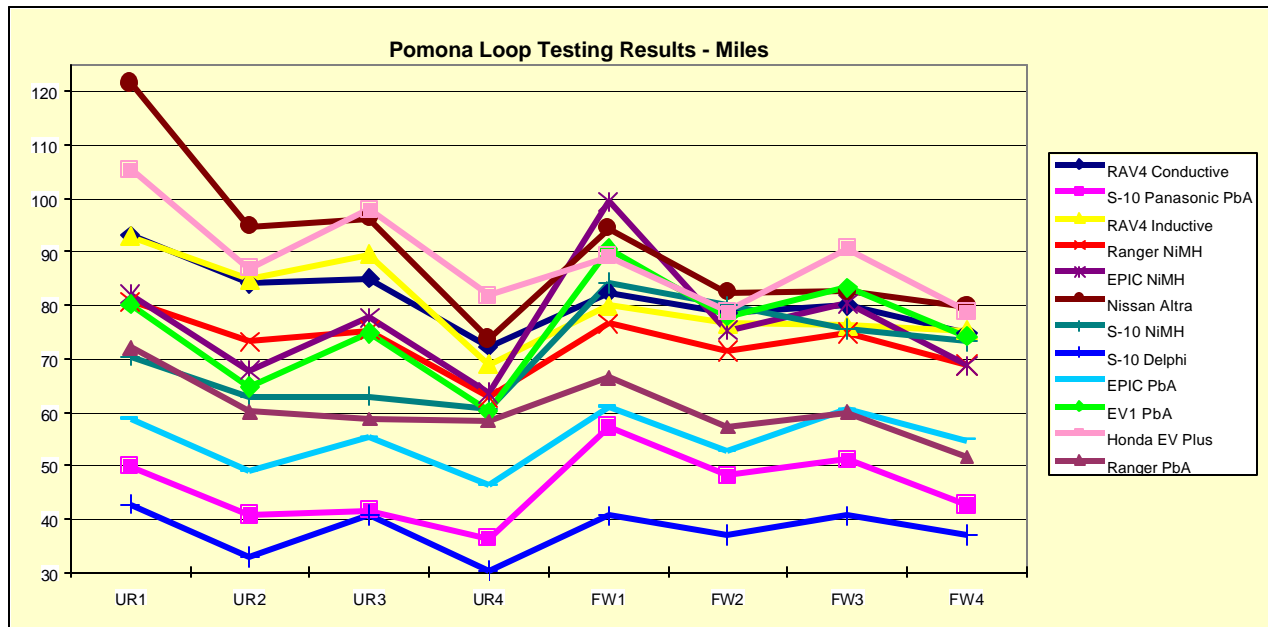
The U.S. Department of Energy’s Field Operations Program sponsors the Urban and Freeway Pomona Loop range testing in Southern California. The testing is performed by one of the Program’s testing partners, Southern California Edison. The vehicles are tested on local city streets (Urban Loop) and four highways (Freeway Loop). The Urban Loop is 19.3 miles long, ranging in elevation from 900 to 1500 feet, with approximately 50 stop signs and traffic lights. The Freeway Loop is 37.2 miles long, ranging in elevation from 700 to 1150 feet, and consists of four connected freeways shaped like a rectangle.

When a vehicle is Pomona Loop tested, eight range tests are performed, with four tests on the Urban Loop and four on the Freeway Loop. The range tests are performed with either minimum or maximum payloads, and with either no auxiliary loads turned on or several auxiliary loads turned on. The eight testing scenarios are listed below.

<b>Urban (UR) and Freeway (FW) Loops testing scenarios</b>	
UR1 & FW1	Minimum payload, no auxiliary loads
UR2 & FW2	Minimum payload, air conditioning on high, headlights on low, radio on
UR3 & FW3	Maximum payload, no auxiliary loads
UR4 & FW4	Maximum payload, air conditioning on high, headlights on low, radio on

The results for the 12 vehicles that have undergone Urban and Freeway Pomona Loop testing are graphed below. Vehicles tested with minimum payloads and no auxiliary loads turned on performed best within each of the two test groups (Urban and Freeway). Whether a vehicle had the highest and lowest range results during the Urban or Freeway testing depends on factors such as the vehicle’s profile, weight, and energy efficiency. The graph below shows the minimum and maximum range results for all of the eight Pomona Loop range tests. The results for each of the eight range tests are graphed on the back page.





To obtain additional Baseline Performance vehicle testing results, including information on newly tested vehicles, visit the Field Operations Program's web page (<http://ev.inel.gov/sop>).

For further information, please contact:

U. S. Department of Energy  
 DOE Field Operations Program  
 Web page: <http://ev.inel.gov/sop>  
 National Alternative Fuels Hotline  
<http://www.afdc/doi.gov>

