

PiP MPGe and Energy Costs				Independent Variables:										Notes:	
				Charging Loss; from wall to car						15%				Inputs are highlighted in bold type	
				MPGe Conversion Factor: kWh per gallon						33.7					
				Cost per kWh; \$0.12 commodity, plus \$0.06 delivery						\$0.18					
Date	Fuel Type	Miles Driven	% Gas vs. Elec	Gas Usage		Electric Usage					Combined MPGe	Cost per		% City	Fuelly Data Notes
				Gallons	MPG	kWh HSM	kWh Charge	MPkWh	Equiv Gas	MPGe		Fill Up	Mile		
Total/Avg	Gas	2,664	73%	47.3	56.3							\$157.94	\$0.059		
Total/Avg	Electric	996	27%			268	308	3.2	9.1	108.9		\$55.48	\$0.056		
Total/Avg	Total	3,660	100%								64.8	\$213.42	\$0.058		
9/13/12	Beginning Mileage	40													Delivery date and mileage
11/8/12	Gas	534	65%	8.5	63.2							\$28.72	\$0.054		Gas: 534 miles, \$28.72, 8.45 gal, 63.2 mpg, \$0.054/mile
11/8/12	Electric	286	35%			74	85	3.4	2.5	113.3		\$15.32	\$0.054		Electric: 286 miles, \$15.32, 85 kWh, 3.4 miles/kWh, 113 MPGe, \$0.054/mile
11/8/12	Total	820	100%								74.7	\$44.04	\$0.054	90%	Combined: 820 miles, \$44.04, 75 MPGe, \$0.054/mile
12/4/12	Gas	570	78%	9.9	57.4							\$32.77	\$0.057		Gas: 570 miles, \$32.77, 9.93 gal, 57.4 mpg, \$0.057/mile
12/4/12	Electric	158	22%			47	54	2.9	1.6	98.5		\$9.73	\$0.062		Electric: 158 miles, \$9.73, 54 kWh, 2.9 miles/kWh, 99 MPGe, \$0.062/mile
12/4/12	Total	728	100%								63.1	\$42.50	\$0.058	70%	Combined: 728 miles, \$42.50, 63 MPGe, \$0.058/mile
12/26/12	Gas	511	80%	9.4	54.5							\$30.00	\$0.059		Gas: 511 miles, \$30.00, 9.38 gal, 54.5 mpg, \$0.059/mile
12/26/12	Electric	131	20%			38	44	3.0	1.3	101.0		\$7.87	\$0.060		Electric: 131 miles, \$7.87, 44 kWh, 3.0 miles/kWh, 101 MPGe, \$0.060/mile
12/26/12	Total	642	100%								60.1	\$37.87	\$0.059	70%	Combined: 642 miles, \$37.87, 60 MPGe, \$0.059/mile
2/2/13	Gas	508	70%	9.4	53.8							\$32.45	\$0.064		Gas: 508 miles, \$32.45, 9.44 gal, 53.8 mpg, \$0.064/mile
2/2/13	Electric	220	30%			60	69	3.2	2.0	107.4		\$12.42	\$0.056		Electric: 220 miles, \$12.42, 69 kWh, 3.2 miles/kWh, 107 MPGe, \$0.056/mile
2/2/13	Total	728	100%								63.4	\$44.87	\$0.062	70%	Combined: 728 miles, \$44.87, 63 MPGe, \$0.062/mile
3/15/13	Gas	541	73%	10.1	53.6							\$34.00	\$0.063		Gas: 541 miles, \$34.00, 10.1 gal, 53.6 mpg, \$0.063/mile
3/15/13	Electric	201	27%			49	56	3.6	1.7	120.2		\$10.14	\$0.050		Electric: 201 miles, \$10.14, 56 kWh, 3.6 miles/kWh, 120 MPGe, \$0.050/mile
3/15/13	Total	742	100%								63.0	\$44.14	\$0.059	90%	Combined: 742 miles, \$44.14, 63MPGe, \$0.059/mile