

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		
Total/Avg	Gas	3,155	72%	56.7	55.6						\$188.61	\$0.060		
Total/Avg	Electric	1,218	28%			321	369	3.3	11.0	111.2	\$66.45	\$0.055		
Total/Avg	Total	4,373	100%								\$255.06	\$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	90%	Electric: 286 miles, \$15.32, 85 kWh, 3.4 miles/kWh, 113 MPGe, \$0.054/mile
11/8/12	Total	820	100%								\$44.04	\$0.054		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	70%	Electric: 158 miles, \$9.73, 54 kWh, 2.9 miles/kWh, 99 MPGe, \$0.062/mile
12/4/12	Total	728	100%								\$42.50	\$0.058		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	70%	Electric: 131 miles, \$7.87, 44 kWh, 3.0 miles/kWh, 101 MPGe, \$0.060/mile
12/26/12	Total	642	100%								\$37.87	\$0.059		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	70%	Electric: 220 miles, \$12.42, 69 kWh, 3.2 miles/kWh, 107 MPGe, \$0.056/mile
2/2/13	Total	728	100%								\$44.87	\$0.062		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	90%	Electric: 201 miles, \$10.14, 56 kWh, 3.6 miles/kWh, 120 MPGe, \$0.050/mile
3/15/13	Total	742	100%								\$44.14	\$0.059		Combined: 742 miles, \$44.14, 63MPGe, \$0.059/mile
4/7/13	Gas	491	69%	9.4	52.2						\$30.67	\$0.062		Gas: 491 miles, \$30.67, 9.4 gal, 52.2 mpg, \$0.062/mile
4/7/13	Electric	222	31%			53	61	3.6	1.8	122.7	\$10.97	\$0.049	90%	Electric: 222 miles, \$10.97, 53 kWh, 3.6 miles/kWh, 123 MPGe, \$0.049/mile
4/7/13	Total	713	100%								\$41.64	\$0.058		Combined: 713 miles, \$41.64, 64MPGe, \$0.058/mile