ENTER/REPLACE DATA IN GREEN CELLS ONLY!

CALCULATED CAFE, GHG, AND LABEL VALUES

CAFE Values	City	Highway	Combined
✓ A. PHEV meets dual fuel criteria:	City	Highway	Combined
1. Default 50/50 Composite MPGe	106.1162	96.4284	101.5262
→ 2. Optional Utility Factor Composite MPGe	231.9349	93.6946	139.3885 ←
B. PHEV does NOT meet dual fuel criteria:	City	Highway	Combined
1. Utility Factor Composity MPGe	134.4152	77.2848	100.8632

Based on the all-electric range, is this PHEV a dual fuel vehicle for CAFE?			YES
	City	Highway	Combined
All-Electric Range (miles, unadjusted)	58.80	46.50	53.3

GHG Values	City	Highway	Combined
Composite CREE, no DF (g/mi)	18.9	82.9	47.7

Label Values (5-Cycle Adjusted)			
Charge-Depleting	City	Highway	Combined
Charge-depleting Range (Miles)	42.02	32.52	38
All-Electric Range (Miles)	41.14	32.54	37
Total Driving Range (Miles)			530
CD Fuel Economy (MPGe)	109.2020	90.8404	100
CD Electricity Consumption (kW-hr/100mi)	29.0450	36.9450	32.6000
CD Gasoline Consumption (gal/100mi)	0.1	0.0	0.0
Charge-Sustaining	City	Highway	Combined
CS Fuel Economy (MPG)	43.4	37.8	41
CS Fuel Consumption (gal/100mi)	2.3	2.6	2.4
Composite CD/CS	City	Highway	Combined
Annual Fuel Cost ($/year)			$ 750
5-Year Fuel Savings Value ($/5 years)		You SAVE:	$ 3,750
Composite CO2 (g/mi)	64.5	92.2	77
Composite Fuel Economy (MPG)	75.4354	58.6095	67
MPG Rating (on scale of 1-10)			10
GHG Rating (on scale of 1-10)			10

Label Inputs Based on Model Year and Fuel Type (generally these should not be changed)	
Gasoline cost ($/gallon)	$ 2.70
Electricity cost ($/kW-hour)	$ 0.13
Average vehicle 5-year cost ($)	$ 7,500
Average vehicle MPG	27

ENTER BASIC VEHICLE INFORMATION HERE

Vehicle Information	
Model year:	2020
Vehicle category:	PV
Manufacturer name:	Ford Motor Co
Model name:	Escape PHEV
Liquid fuel type:	Regular Unleaded
Additional descriptors as needed:	
Fuel tank size (U.S. gallons)	12.0
Deterioration Factors for GHG (CREE) Values (or	Yes
Select the type of DF to apply:	
Enter a single DF for City and Highway:	
Enter a City DF :	
Enter a Highway DF:	
Inputs & Conversions (most of these should not be changed)	
DOE Petroleum Equivalence Factor (PEF):	82049
Watt-hours of energy per gallon of gasoline:	33705
Grams of CO2 per gallon of gasoline/diesel:	8887
Fuel lower heating value (kJ/kg):	43020
Fuel density (kg/gal):	2.805

ERROR AND VALIDATION MESSAGES

This calculator automatically selects the appropriate CAFE value for 2016 and later model year PHEVs. If the PHEV is a dual fuel vehicle for purposes of CAFE, the better of a 50/50 weighting or a utility factor calculation will be selected. The statute requires manufacturers to request use of the utility factor method for 2016 and later PHEVs. Submitting this spreadsheet to EPA, filled out completely and correctly, will constitute such a request. Prior to 2016 the 50/50 weighting option must be used.

THE FOLLOWING VALUES ARE USED FOR OTHER EPA PUBLICATIONS OR PROGRAMS

Trends Report Values	City	Highway
Fleet Utility Factor (43/57)	0.8490	0.4300
Unadjusted Fuel Economy (MPG)	134.4152	77.2848
Unadjusted GHG (g/mi)	18.9000	82.9000
Adjusted Fuel Economy (MPG)	87.4324	48.9710
Adjusted GHG (g/mi)	38.7	143.0

HOV Lane Values	City	Highway	Combined
MDIUF based on unadjusted Rcda	0.7920	0.7220	

Composite CD/CS Fuel Economy (MPGe)	118.1	95.7	106.8
Fueleconomy.gov Values			
Charge-sustaining Efficiency			**MPG**
City FE (Guide) - Conventional Fuel			43
Hwy FE (Guide) - Conventional Fuel			38
Comb FE (Guide) - Conventional Fuel			41
City Unadj FE - Conventional Fuel			61.3
Hwy Unadj FE - Conventional Fuel			56.9
Comb Unadj FE - Conventional Fuel			59.2386
City Unrd Adj FE - Conventional Fuel			43.4481
Hwy Unrd Adj FE - Conventional Fuel			37.7777
Comb Unrd Adj FE - Conventional Fuel			40.6991
Charge-sustaining CO2			**g/mi**
City CO2 Rounded Adjusted			205
Hwy CO2 Rounded Adjusted			235
Comb CO2 Rounded Adjusted			218
*City CO2 Unadj			145.0
*Hwy CO2 Unadj			157.0
*Comb CO2 Unadj			150.4
*City CO2 Unrd Adj			204.6
*Hwy CO2 Unrnd Adj			235.4
*Comb CO2 Unrnd Adj			218.5
Charge-sustaining Driving Range (Adjusted)			
*Range1 - Model Type Driving Range - Conventional Fuel - City			520
*Range1 - Model Type Driving Range - Conventional Fuel - Hwy			453
Range1 - Model Type Driving Range - Conventional Fuel - Comb			490
Charge-depleting Efficiency		**kW-hr/100mi**	**MPGe**
City2 FE (Guide) - Alternative Fuel		29	109
Hwy2 Fuel FE (Guide) - Alternative Fuel		37	91
Comb2 Fuel FE (Guide) - Alternative Fuel		33	100
City2 Unadj FE - Alternative Fuel		20.3	156
Hwy2 Unadj FE - Alternative Fuel		26	129.8
Comb2 Unadj FE - Alternative Fuel		22.8650	143.0101
City2 Unrd Adj FE - Alternative Fuel		29.0450	109.2020
Hwy2 Unrd Adj FE - Alternative Fuel		36.9450	90.8404
Cmb2 Unrd Adj FE - Alternative Fuel		32.6000	100.0973
Charge-depleting CO2			**g/mi**
City CO2 Rounded Adj			5
Hwy CO2 Rounded Adj			0
Comb CO2 Rounded Adj			3
*City CO2 Unadj			3.3
*Hwy CO2 Unadj			0
*Comb CO2 Unadj			1.8
*City CO2 Unrd Adj			4.6
*Hwy CO2 Unrnd Adj			0
*Comb CO2 Unrnd Adj			2.5
Charge-depleting Driving Range (Adjusted)			**miles**
City Range on Electricity (miles)			42.02
Hwy Range on Electricity (miles)			32.52

Comb Range on Electricity as shown on FE Label (miles)	38
All-Electric Driving Range (Adjusted)	**miles**
City All-Electric Range	41.14
Hwy All-Electric Range	32.54
Comb All-Electric Range as shown on FE Label (miles)	37.0
Charge-depleting Utility Factors	**UF**
City Utility Factor (MDIUF)	0.692
Hwy Utility Factor (MDIUF)	0.612
Comb Utility Factor (MDIUF)	0.659
Composite Efficiency (Adjusted)	**MPGe**
City PHEV Composite MPGe	75
Hwy PHEV Composite MPGe	59
Comb PHEV Composite MPGe	67
Composite CO2 (Adjusted)	**g/mi**
City CO2-PHEV Composite Rounded Adjusted Combined CO2	64
Hwy CO2-PHEV Composite Rounded Adjusted Combined CO2	92
CO2-PHEV Composite Rounded Adjusted Combined CO2	77
PHEV Total Driving Range (Adjusted)	**miles**
	530

Test Set #1

Test Set name (e.g., Eco, Power):	Normal
Production Volume (projected or actual):	CBI Ex. (b)(4)

ENTER CHARGE-SUSTAINING TEST RESULTS HERE	City	Highway
Fuel Economy, Unadjusted (MPG):	61.3	56.9
Fuel Economy, Adjusted (MPG):	43.4481	37.7777
CREE (g/mi):	145.9	157.1
CO2, Unadjusted (g/mi):	145	157
CO2, Adjusted (g/mi):	204.6	235.4

ENTER CHARGE-DEPLETING UDDS (CITY) DATA HERE

Cycle No.	Cycle/Phase Measured Distance	Integrated Amp-Hours Electricity Used	Average Cycle Voltage	Fuel Economy	CO2	CREE
No.	*Miles [3]*	*Amp-hrs [3]*	*Volts [2]*	*MPG [1]*	*g/mi [0]*	*g/mi [0]*
1	7.460	-4.648	4.20	54872.5	0	0
2	7.450	-8.680	4.20	7270132.5	0	0
3	7.450	-12.781	4.20	34728.9	0	0
4	7.460	-17.001	4.30	53040.7	0	0
5	7.450	-21.269	4.30	36769.8	0	0
6	7.460	-25.605	4.30	8993887.0	0	0
7	7.460	-29.974	4.30	53832.8	0	0
8	7.460	-33.845	4.20	342.1	25	26
9	7.450	-34.037	4.30	65.3	136	138
10	7.450	-34.066	4.20	65.7	135	136
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					Recharge energy (AC kilowatt-hours):	12.204
					All-Electric Range (miles):	58.776
Calculated transition cycle: 9			To override transition cycle, enter here--->			

Test Set #2

Test Set name (e.g., Eco, Power):	
Production Volume (projected or actual):	

ENTER CHARGE-SUSTAINING TEST RESULTS HERE	City	Highway
Fuel Economy, Unadjusted (MPG):		
Fuel Economy, Adjusted (MPG):		
CREE (g/mi):		
CO2, Unadjusted (g/mi):		
CO2, Adjusted (g/mi):		

ENTER CHARGE-DEPLETING UDDS (CITY) DATA HERE

Cycle No.	Cycle/Phase Measured Distance	Integrated Amp-Hours Electricity Used	Average Cycle Voltage	Fuel Economy	CO2	CREE
No.	*Miles [3]*	*Amp-hrs [3]*	*Volts [2]*	*MPG [1]*	*g/mi [0]*	*g/mi [0]*
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					Recharge energy (AC kilowatt-hours):	
					All-Electric Range (miles):	
Calculated transition cycle: ERROR			To override transition cycle, enter here--->			

Test Set #3

Test Set name (e.g., Eco, Power):	
Production Volume (projected or actual):	

ENTER CHARGE-SUSTAINING TEST RESULTS HERE	City	Highway
Fuel Economy, Unadjusted (MPG):		
Fuel Economy, Adjusted (MPG):		
CREE (g/mi):		
CO2, Unadjusted (g/mi):		
CO2, Adjusted (g/mi):		

ENTER CHARGE-DEPLETING UDDS (CITY) DATA HERE

Cycle No.	Cycle/Phase Measured Distance	Integrated Amp-Hours Electricity Used	Average Cycle Voltage	Fuel Economy	CO2	CREE
No.	*Miles [3]*	*Amp-hrs [3]*	*Volts [2]*	*MPG [1]*	*g/mi [0]*	*g/mi [0]*
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					Recharge energy (AC kilowatt-hours):	
					All-Electric Range (miles):	
Calculated transition cycle: ERROR			To override transition cycle, enter here--->			

ENTER CHARGE-DEPLETING HFET (HIGHWAY) DATA HERE

Cycle No.	Cycle/Phase Measured Distance	Integrated Amp-Hours Electricity Used	Average Cycle Voltage	Fuel Economy	CO2	CREE
No.	*Miles [3]*	*Amp-hrs [3]*	*Volts [2]*	*MPG [1]*	*g/mi [0]*	*g/mi [0]*
1	10.240	-7.271	3.30	103284.9	0	0
2	10.250	-14.701	3.30	108255.1	0	0
3	10.260	-22.339	3.30	65536.0	0	0
4	10.250	-29.952	3.30	64453.4	0	0
5	10.250	-34.010	3.30	105.6	84	86
6	10.250	-33.998	3.30	56.0	159	160
7	10.260	-33.861	3.30	55.4	161	162
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					Recharge energy (AC kilowatt-hours):	12.016
					All-Electric Range (miles):	46.485

Calculated transition cycle: 5 To override transition cycle, enter here--->

Results from Test Set #1: Normal

CAFE Values		
A. PHEV meets dual fuel criteria:	**City**	**Highway**
1. Default 50/50 Composite MPGe [4]	106.1162	96.4284
2. Optional Utility Factor Composite MPGe [4]	231.9349	93.6946
B. PHEV does NOT meet dual fuel criteria:	**City**	**Highway**
1. Utility Factor Composite MPGe [4]	134.4152	77.2848

GHG Values	City	Highway
Composite CREE, (g/mi) [1]	**18.9**	**82.9**

Label Values (5-Cycle Adjusted)		
Charge-Depleting		
CD range, adjusted (miles) [0]		
CD All-Electric Range, adjusted (mi) [0]		
Total Driving Range (Miles) [0]		
CD Fuel Economy (MPGe) [0]		
CD Electricity Consumption (kW-hr/100mi) [0]		
CD Gasoline Consumption (gal/100mi) [0]		
Charge-Sustaining		
CS Fuel Economy (MPG) [0]	43.4481	37.7777
CS Fuel Consumption (gal/100mi) [1]	2.3	2.6
Composite CD/CS		
Annual Fuel Cost ($/year) [0]		
5-Year Fuel Savings Value ($/5 years) [0]		
Composite CO2 (g/mi) [0]		
Composite Fuel Economy (MPG) [0]		

HOV Lane Values	City	Highway
MDIUF based on unadjusted Rcda [3]	0.792	0.722
Composite CD/CS Fuel Economy (MPGe) [4]	118.0547	95.7046

Trends Report Values	City	Highway
Fleet Utility Factor (43/57) [3]	0.849	0.430
Unadjusted Fuel Economy (MPG) [4]	134.4152	77.2848
Unadjusted GHG (g/mi) [1]	18.9	82.9
Adjusted Fuel Economy (MPG) [4]	87.4324	48.9710
Adjusted GHG (g/mi) [1]	38.7	143.0

ENTER CHARGE-DEPLETING HFET (HIGHWAY) DATA HERE

Cycle No.	Cycle/Phase Measured Distance	Integrated Amp-Hours Electricity Used	Average Cycle Voltage	Fuel Economy	CO2	CREE
No.	*Miles [3]*	*Amp-hrs [3]*	*Volts [2]*	*MPG [1]*	*g/mi [0]*	*g/mi [0]*
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					Recharge energy (AC kilowatt-hours):	
					All-Electric Range (miles):	
Calculated transition cycle: ERROR			To override transition cycle, enter here--->			

Results from Test Set #2: 0

CAFE Values

A. PHEV meets dual fuel criteria:	City	Highway
1. Default 50/50 Composite MPGe [4]	-	-
2. Optional Utility Factor Composite MPGe [4]	-	-
B. PHEV does NOT meet dual fuel criteria:	**City**	**Highway**
1. Utility Factor Composite MPGe [4]	-	-

GHG Values	City	Highway
Composite CREE, without upstream emissions [1]	0.0	0.0

Label Values (5-Cycle Adjusted)

Charge-Depleting		
CD range, adjusted (miles) [0]		
CD All-Electric Range, adjusted (mi) [0]		
Total Driving Range (Miles) [0]		
CD Fuel Economy (MPGe) [0]		
CD Electricity Consumption (kW-hr/100mi) [0]		
CD Gasoline Consumption (gal/100mi) [0]		
Charge-Sustaining		
CS Fuel Economy (MPG) [0]	0.0000	0.0000
CS Fuel Consumption (gal/100mi) [1]	0.0	0.0
Composite CD/CS		
Annual Fuel Cost ($/year) [0]		
5-Year Fuel Savings Value ($/5 years) [0]		
Composite CO2 (g/mi) [0]		
Composite Fuel Economy (MPG) [0]		

HOV Lane Values	City	Highway
MDIUF based on unadjusted Rcda [3]	0.000	0.000
Composite CD/CS Fuel Economy (MPGe) [4]	0.0000	0.0000

Trends Report Values	City	Highway
Fleet Utility Factor (43/57) [3]	0.000	0.000
Unadjusted Fuel Economy (MPG) [4]	0.0000	0.0000
Unadjusted GHG (g/mi) [1]	-	-
Adjusted Fuel Economy (MPG) [4]	0.0000	0.0000
Adjusted GHG (g/mi) [1]	0.0	0.0

ENTER CHARGE-DEPLETING HFET (HIGHWAY) DATA HERE

Cycle No.	Cycle/Phase Measured Distance	Integrated Amp-Hours Electricity Used	Average Cycle Voltage	Fuel Economy	CO2	CREE
No.	*Miles [3]*	*Amp-hrs [3]*	*Volts [2]*	*MPG [1]*	*g/mi [0]*	*g/mi [0]*
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					Recharge energy (AC kilowatt-hours):	
					All-Electric Range (miles):	
Calculated transition cycle: ERROR			To override transition cycle, enter here--->			

Results from Test Set #3: 0

CAFE Values

A. PHEV meets dual fuel criteria:	City	Highway
1. Default 50/50 Composite MPGe [4]	-	-
2. Optional Utility Factor Composite MPGe [4]	-	-
B. PHEV does NOT meet dual fuel criteria:	**City**	**Highway**
1. Utility Factor Composite MPGe [4]	-	-

GHG Values	City	Highway
Composite CREE, without upstream emissions [1]	**0.0**	**0.0**

Label Values (5-Cycle Adjusted)

Charge-Depleting		
CD range, adjusted (miles) [0]		
CD All-Electric Range, adjusted (mi) [0]		
Total Driving Range (Miles) [0]		
CD Fuel Economy (MPGe) [0]		
CD Electricity Consumption (kW-hr/100mi) [0]		
CD Gasoline Consumption (gal/100mi) [0]		
Charge-Sustaining		
CS Fuel Economy (MPG) [0]	0.0000	0.0000
CS Fuel Consumption (gal/100mi) [1]	0.0	0.0
Composite CD/CS		
Annual Fuel Cost ($/year) [0]		
5-Year Fuel Savings Value ($/5 years) [0]		
Composite CO2 (g/mi) [0]		
Composite Fuel Economy (MPG) [0]		

HOV Lane Values	City	Highway
MDIUF based on unadjusted Rcda [3]	0.000	0.000
Composite CD/CS Fuel Economy (MPGe) [4]	0.0000	0.0000

Trends Report Values	City	Highway
Fleet Utility Factor (43/57) [3]	0.000	0.000
Unadjusted Fuel Economy (MPG) [4]	0.0000	0.0000
Unadjusted GHG (g/mi) [1]	-	-
Adjusted Fuel Economy (MPG) [4]	0.0000	0.0000
Adjusted GHG (g/mi) [1]	0.0	0.0

	INTERMEDIATE CALCULATIONS AND INPUTS	**Test Set #1:**	**Normal**
	Charge-Depleting (CD) Test Results		
Combined	**DRIVING DISTANCE VALUES**	**CITY**	**HIGHWAY**
101.5262	CD driving distance (Rcda), unadjusted (miles) [3]	60.022	46.463
139.3885	CD driving distance (Rcda), adjusted (miles) [3]	42.017	32.524
Combined	CD all-electric driving distance, unadjusted (miles) [3]	58.776	46.485
100.8632	CD All-Electric Range, adjusted (mi) [3]	41.143	32.540
Combined	**FUEL CONSUMPTION & ECONOMY VALUES**	**CITY**	**HIGHWAY**
47.7	NEW CD AC electricity consumption (Rcdc), unadjusted (Watt-hours) [1]	12195.5	12069.9
	CD AC electricity consumption rate (Rcda), adjusted (kW-hr/100mi) [3]	29.045	36.945
	CD test total DC energy consumed, unadjusted (Watt-hours) [1]	-144.7	-111.7
Combined	NEW CD Rcda total fuel consumption (Rcda), unadjusted (gal equiv) [4]	0.3848	0.3580
38	CD utilitized total fuel consumption rate (55/45 FUF, Rcdc), unadjusted (gal-equiv/mile) [6]	0.005792	0.004433
37	NEW CD utilitized total fuel consumption rate (43/57 FUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.007962	0.005332
530	NEW CD utilitized total fuel consumption rate (MDIUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.006950	0.007665
100	CD gasoline consumption (Rcda), unadjusted (gal) [1]	0.02289681	0
33	CD fuel economy (Rcda), adjusted (MPGe) [4]	109.2020	90.8404
0	CD gasoline consumption rate (Rcda), adjusted (gal/100mi) [4]	0.0545	0.0000
Combined	NEW CD fuel economy (Rcda), unadjusted (MPGe) [4]	155.9969	129.7724
41	NEW CD AC electricity consumption rate (Rcda), unadjusted (kW-hr/100mi) [3]	20.32	25.972
2.4	**GHG EMISSIONS VALUES**	**CITY**	**HIGHWAY**
Combined	CD CO2 emissions rate (Rcda), unadjusted (g/mi) [1]	3.3	0.0
750	NEW CD CO2 emissions rate (Rcda), adjusted (g/mi) [1]	4.6	0.0
3,750	NEW CD utilitized CO2 (MDIUF, Rcdc), adjusted (g/mi) [1]	8.4	8.6
77	CD utilitized CREE (55/45 FUF, Rcdc), unadjusted (g/mi) [1]	4.2	6.8
67	NEW CD utilitized CREE (43/57 FUF, Rcdc), adjusted (g/mi) [1]	7.8	8.8
Combined	**UTILITY FACTORS & OTHER METRICS**	**CITY**	**HIGHWAY**
	CD 55/45 Fleet Utility Factor (FUF) for Rcdc [3]	0.899	0.516
106.8282	MDIUF based on Rcda, adjusted [3]	0.692	0.612
Combined	MDIUF based on Rcdc, unadjusted [3]	0.726	0.645
0.6605	Fraction of transition cycle that is charge-depleting operation (Zn) [3]	0.050	0.533
100.8632	Number of last cycle number with charge-depleting operation (transition cycle) [0]	9	5
47.7	**Intermediate Results Requiring Charge-Sustaining (CS) Test Results or Other Inputs**		
64.6008	**DRIVING DISTANCE VALUES**	**CITY**	**HIGHWAY**
85.6	CD Equivalent All-Electric Range (EAER), Unadjusted (mi) [3]	58.656	46.463
	Charge-sustaining driving range, adjusted (mi) [3]	520.382	453.332
	UTILITY FACTORS & OTHER METRICS	**CITY**	**HIGHWAY**
	CD 55/45 Fleet Utility Factor (FUF) for EAER [3]	0.871	0.479
	FUEL COSTS: PROCESS FOR DERIVING A COMPOSITE CD/CS COST PER MILE	**CITY**	**HIGHWAY**
	CD cost per mile - electricity ($/mi) [3]	$ 0.038	$ 0.048
	CD cost per mile - gasoline ($/mi) [3]	$ 0.001	$ -
	CD total cost per mile ($/mi) [3]	$ 0.039	$ 0.048
	CS cost per mile ($/mi) [3]	$ 0.062	$ 0.071
	Composite CD/CS cost ($/mi) [3]	$ 0.046	$ 0.057
	COMPOSITE CD/CS FUEL ECONOMY AND CO2 VALUES, ADJUSTED	**CITY**	**HIGHWAY**
	Composite CD/CS CO2, adjusted (g/mi) [1]	64.5	92.2
	Composite CD/CS Fuel Economy, adjusted (MPG) [4]	75.4354	58.6095

DETAILED CALCULATIONS

Cycle No.	Gasoline Consumed
No.	*gal*
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0218
9	0.1141
10	0.1134
11	
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	INTERMEDIATE CALCULATIONS AND INPUTS	**Test Set #2:**	**0**
	Charge-Depleting (CD) Test Results		
Combined	**DRIVING DISTANCE VALUES**	**CITY**	**HIGHWAY**
-	CD driving distance (Rcda), unadjusted (miles) [3]	0.000	0.000
-	CD driving distance (Rcda), adjusted (miles) [3]	0.000	0.000
Combined	CD all-electric driving distance, unadjusted (miles) [3]	0.000	0.000
-	CD All-Electric Range, adjusted (mi) [3]	0.000	0.000
Combined	**FUEL CONSUMPTION & ECONOMY VALUES**	**CITY**	**HIGHWAY**
0.0	NEW CD AC electricity consumption (Rcdc), unadjusted (Watt-hours) [1]	0.0	0.0
	CD AC electricity consumption rate (Rcda), adjusted (kW-hr/100mi) [3]	0.000	0.000
	CD test total DC energy consumed, unadjusted (Watt-hours) [1]	0.0	0.0
Combined	NEW CD Rcda total fuel consumption (Rcda), unadjusted (gal equiv) [4]	0.0000	0.0000
0	CD utilitized total fuel consumption rate (55/45 FUF, Rcdc), unadjusted (gal-equiv/mile) [6]	0.000000	0.000000
0	NEW CD utilitized total fuel consumption rate (43/57 FUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.000000	0.000000
0	NEW CD utilitized total fuel consumption rate (MDIUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.000000	0.000000
0	CD gasoline consumption (Rcda), adjusted (gal) [1]	0	0
0	CD fuel economy (Rcda), adjusted (MPGe) [4]	0.0000	0.0000
0	CD gasoline consumption rate (Rcda), adjusted (gal/100mi) [4]	0.0000	0.0000
Combined	NEW CD fuel economy (Rcda), unadjusted (MPGe) [4]	0	0
0	NEW CD AC electricity consumption rate (Rcda), unadjusted (kW-hr/100mi) [3]	0	0
0	**GHG EMISSIONS VALUES**	**CITY**	**HIGHWAY**
Combined	CD CO2 emissions rate (Rcda), unadjusted (g/mi) [1]	0.0	0.0
-	NEW CD CO2 emissions rate (Rcda), adjusted (g/mi) [1]	0.0	0.0
7,500	NEW CD utilitized CO2 (MDIUF, Rcdc), adjusted (g/mi) [1]	0.0	0.0
0	CD utilitized CREE (55/45 FUF, Rcdc), unadjusted (g/mi) [1]	0.0	0.0
0	NEW CD utilitized CREE (43/57 FUF, Rcdc), adjusted (g/mi) [1]	0.0	0.0
Combined	**UTILITY FACTORS & OTHER METRICS**	**CITY**	**HIGHWAY**
	CD 55/45 Fleet Utility Factor (FUF) for Rcdc [3]	0.000	0.000
0.0000	MDIUF based on Rcda, adjusted [3]	0.000	0.000
Combined	MDIUF based on Rcdc, unadjusted [3]	0.000	0.000
0.0000	Fraction of transition cycle that is charge-depleting operation (Zn) [3]	#VALUE!	#VALUE!
0.0000	Number of last cycle number with charge-depleting operation (transition cycle) [0]	EOT ERROR	EOT ERROR
-	**Intermediate Results Requiring Charge-Sustaining (CS) Test Results or Other Inputs**		
0.0000	**DRIVING DISTANCE VALUES**	**CITY**	**HIGHWAY**
0.0	CD Equivalent All-Electric Range (EAER), Unadjusted (mi) [3]	#VALUE!	#VALUE!
	Charge-sustaining driving range, adjusted (mi) [3]	0.000	0.000
	UTILITY FACTORS & OTHER METRICS	**CITY**	**HIGHWAY**
	CD 55/45 Fleet Utility Factor (FUF) for EAER [3]	#VALUE!	#VALUE!
	FUEL COSTS: PROCESS FOR DERIVING A COMPOSITE CD/CS COST PER MILE	**CITY**	**HIGHWAY**
	CD cost per mile - electricity ($/mi) [3]	$ -	$ -
	CD cost per mile - gasoline ($/mi) [3]	#VALUE!	#VALUE!
	CD total cost per mile ($/mi) [3]	#VALUE!	#VALUE!
	CS cost per mile ($/mi) [3]	#VALUE!	#VALUE!
	Composite CD/CS cost ($/mi) [3]	#VALUE!	#VALUE!
	COMPOSITE CD/CS FUEL ECONOMY AND CO2 VALUES, ADJUSTED	**CITY**	**HIGHWAY**
	Composite CD/CS CO2, adjusted (g/mi) [1]	0.0	0.0
	Composite CD/CS Fuel Economy, adjusted (MPG) [4]	0	0

DETAILED CALCULATIONS

Cycle No.	Gasoline Consumed
No.	*gal*
1	
2	
3	
4	
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	INTERMEDIATE CALCULATIONS AND INPUTS	**Test Set #3:**	**0**
	Charge-Depleting (CD) Test Results		
Combined	**DRIVING DISTANCE VALUES**	**CITY**	**HIGHWAY**
-	CD driving distance (Rcda), unadjusted (miles) [3]	0.000	0.000
-	CD driving distance (Rcda), adjusted (miles) [3]	0.000	0.000
Combined	CD all-electric driving distance, unadjusted (miles) [3]	0.000	0.000
-	CD All-Electric Range, adjusted (mi) [3]	0.000	0.000
Combined	**FUEL CONSUMPTION & ECONOMY VALUES**	**CITY**	**HIGHWAY**
0.0	NEW CD AC electricity consumption (Rcdc), unadjusted (Watt-hours) [1]	0.0	0.0
	CD AC electricity consumption rate (Rcda), adjusted (kW-hr/100mi) [3]	0.000	0.000
	CD test total DC energy consumed, unadjusted (Watt-hours) [1]	0.0	0.0
Combined	NEW CD Rcda total fuel consumption (Rcda), unadjusted (gal equiv) [4]	0.0000	0.0000
0	CD utilitized total fuel consumption rate (55/45 FUF, Rcdc), unadjusted (gal-equiv/mile) [6]	0.000000	0.000000
0	NEW CD utilitized total fuel consumption rate (43/57 FUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.000000	0.000000
0	NEW CD utilitized total fuel consumption rate (MDIUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.000000	0.000000
0	CD gasoline consumption (Rcda), adjusted (gal) [1]	0	0
0	CD fuel economy (Rcda), adjusted (MPGe) [4]	0.0000	0.0000
0	CD gasoline consumption rate (Rcda), adjusted (gal/100mi) [4]	0.0000	0.0000
Combined	NEW CD fuel economy (Rcda), unadjusted (MPGe) [4]	0	0
0	NEW CD AC electricity consumption rate (Rcda), unadjusted (kW-hr/100mi) [3]	0	0
0	**GHG EMISSIONS VALUES**	**CITY**	**HIGHWAY**
Combined	CD CO2 emissions rate (Rcda), unadjusted (g/mi) [1]	0.0	0.0
-	NEW CD CO2 emissions rate (Rcda), adjusted (g/mi) [1]	0.0	0.0
7,500	NEW CD utilitized CO2 (MDIUF, Rcdc), adjusted (g/mi) [1]	0.0	0.0
0	CD utilitized CREE (55/45 FUF, Rcdc), unadjusted (g/mi) [1]	0.0	0.0
0	NEW CD utilitized CREE (43/57 FUF, Rcdc), adjusted (g/mi) [1]	0.0	0.0
Combined	**UTILITY FACTORS & OTHER METRICS**	**CITY**	**HIGHWAY**
	CD 55/45 Fleet Utility Factor (FUF) for Rcdc [3]	0.000	0.000
0.0000	MDIUF based on Rcda, adjusted [3]	0.000	0.000
Combined	MDIUF based on Rcdc, unadjusted [3]	0.000	0.000
0.0000	Fraction of transition cycle that is charge-depleting operation (Zn) [3]	#VALUE!	#VALUE!
0.0000	Number of last cycle number with charge-depleting operation (transition cycle) [0]	EOT ERROR	EOT ERROR
-	**Intermediate Results Requiring Charge-Sustaining (CS) Test Results or Other Inputs**		
0.0000	**DRIVING DISTANCE VALUES**	**CITY**	**HIGHWAY**
0.0	CD Equivalent All-Electric Range (EAER), Unadjusted (mi) [3]	#VALUE!	#VALUE!
	Charge-sustaining driving range, adjusted (mi) [3]	0.000	0.000
	UTILITY FACTORS & OTHER METRICS	**CITY**	**HIGHWAY**
	CD 55/45 Fleet Utility Factor (FUF) for EAER [3]	#VALUE!	#VALUE!
	FUEL COSTS: PROCESS FOR DERIVING A COMPOSITE CD/CS COST PER MILE	**CITY**	**HIGHWAY**
	CD cost per mile - electricity ($/mi) [3]	$ -	$ -
	CD cost per mile - gasoline ($/mi) [3]	#VALUE!	#VALUE!
	CD total cost per mile ($/mi) [3]	#VALUE!	#VALUE!
	CS cost per mile ($/mi) [3]	#VALUE!	#VALUE!
	Composite CD/CS cost ($/mi) [3]	#VALUE!	#VALUE!
	COMPOSITE CD/CS FUEL ECONOMY AND CO2 VALUES, ADJUSTED	**CITY**	**HIGHWAY**
	Composite CD/CS CO2, adjusted (g/mi) [1]	0.0	0.0
	Composite CD/CS Fuel Economy, adjusted (MPG) [4]	0	0

DETAILED CALCULATIONS

Cycle No.	Gasoline Consumed
No.	*gal*
1	
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UDDS	Normal											
CO2 [0]	Net Amp-Hours Used Per Cycle [3]	DC Electricity Consumed [1]	AC Electricity Consumed [1]	Theoretical Cumulative Cycle Distance	Electric Only Fuel Consumption Rate	Total Fuel Consumption Rate (gas + electric)	55/45 City Fleet Utility Factor [3]	55/45 City FUF x CREE	55/45 City FUF x Total Consumption	Total Fuel Consumption (gas + electric)	5-Cycle Adjustment	Adjusted Cycle Measured Distance
grams	*Amp-hours*	*W-hours*	*W-hours*	*mi*	*gal/mi equiv*	*gal/mi equiv*	*UF*	*UF*	*gal/mi equiv*	*gal-equiv*	*%*	*miles*
0	-4.648	-19.5	1644.6	7.45	0.006540744	0.0065	0.243	0.0000	0.0016	0.0488	0.7000	5.22200
0	-4.032	-16.9	1425.3	14.90	0.005676174	0.0057	0.183	0.0000	0.0010	0.0423	0.7000	5.21500
0	-4.101	-17.2	1450.6	22.35	0.00577693	0.0058	0.137	0.0000	0.0008	0.0430	0.7000	5.21500
0	-4.220	-18.1	1526.6	29.80	0.006071445	0.0061	0.103	0.0000	0.0006	0.0453	0.7000	5.22200
0	-4.268	-18.4	1551.9	37.25	0.006180351	0.0062	0.076	0.0000	0.0005	0.0460	0.7000	5.21500
0	-4.336	-18.6	1568.7	44.70	0.006238882	0.0062	0.058	0.0000	0.0004	0.0465	0.7000	5.22200
0	-4.369	-18.8	1585.6	52.15	0.006306095	0.0063	0.042	0.0000	0.0003	0.0470	0.7000	5.22200
186	-3.871	-16.3	1374.7	59.60	0.005467324	0.0084	0.033	0.8580	0.0003	0.0626	0.7000	5.22200
1013	-0.192	-0.8	67.5	67.05	0.000268815	0.0156	0.024	3.3120	0.0004	0.1161	0.7029	5.23677
1006	-0.029	-0.1	8.4	74.50	3.34525E-05	0.0153	0.019	2.5840	0.0003	0.1136	0.7001	5.21603

UDDS	0											
CO2 [0]	Net Amp-Hours Used Per Cycle [3]	DC Electricity Consumed [1]	AC Electricity Consumed [1]	Theoretical Cumulative Cycle Distance	Electric Only Fuel Consumption Rate	Total Fuel Consumption Rate (gas + electric)	55/45 City Fleet Utility Factor [3]	55/45 City FUF x CREE	55/45 City FUF x Total Consumption	Total Fuel Consumption (gas + electric)	5-Cycle Adjustment	Adjusted Cycle Measured Distance
grams	*Amp-hours*	*W-hours*	*W-hours*	*mi*	*gal/mi equiv*	*gal/mi equiv*	*UF*	*UF*	*gal/mi equiv*	*gal-equiv*	*%*	*miles*
							#VALUE!					

UDDS	0

CO2 [0]	Net Amp-Hours Used Per Cycle [3]	DC Electricity Consumed [1]	AC Electricity Consumed [1]	Theoretical Cumulative Cycle Distance	Electric Only Fuel Consumption Rate	Total Fuel Consumption Rate (gas + electric)	55/45 City Fleet Utility Factor [3]	55/45 City FUF x CREE	55/45 City FUF x Total Consumption	Total Fuel Consumption (gas + electric)	5-Cycle Adjustment	Adjusted Cycle Measured Distance
grams	*Amp-hours*	*W-hours*	*W-hours*	*mi*	*gal/mi equiv*	*gal/mi equiv*	*UF*	*UF*	*gal/mi equiv*	*gal-equiv*	*%*	*miles*
							#VALUE!					

Adjusted Cycle Theoretical Cumulative Distance	MDIUF [3]	MDIUF x Adjusted CO2	MDIUF x Adjusted Total Fuel Consumption	43/57 City Fleet Utility Factor [3]	43/57 City FUF x Adjusted Total Fuel Consumption Rate	43/57 City FUF x Adjusted CREE	Is Cycle CD or CS based on NEC 1% Tolerance?	NEC Tolerance 1% Fuel Energy Criteria	Is Cycle CD or CS based on battery 2% Tolerance?	NEC Tolerance 2% Usable Battery Energy Criteria	DETAILED CA
											Cycle No.
miles	*UF*	*g/mi*	*gal/mi equiv*	*UF*	*gal/mi equiv*	*g/mi*	*CD or CS*		*CD or CS*		*No.*
5.215000	0.155	0	0.001448308	0.198	0.001850096	0	CD	1.000	CD	1.000	1
10.430000	0.126	0	0.001021711	0.159	0.001289302	0	CD	1.000	CD	0.464	2
15.645000	0.103	0	0.000850034	0.126	0.001039847	0	CD	1.000	CD	0.321	3
20.860000	0.086	0	0.00074592	0.101	0.000876023	0	CD	1.000	CD	0.252	4
26.075000	0.071	0	0.000626864	0.079	0.000697497	0	CD	1.000	CD	0.204	5
31.290000	0.059	0	0.000525849	0.064	0.000570412	0	CD	1.000	CD	0.171	6
36.51	0.049	0	0.000441427	0.050	0.000450435	0	CD	1.000	CD	0.147	7
41.72	0.041	1.464285714	0.00049144	0.040	0.000479454	1.485714286	CD	-0.099	CD	0.113	8
46.96	0.036	6.965215494	0.000798068	0.032	0.000709394	6.28235123	CD	-0.012	CS based on 2%	0.006	9
52.17	0.029	5.591752475	0.000631833	0.026	0.000566471	5.050430843	CS based on 1	-0.004	CS based on 2%	0.001	10
								1.000		1.000	11
								1.000		1.000	12
								1.000		1.000	13
								1.000		1.000	14
								1.000		1.000	15
								1.000		1.000	16
								1.000		1.000	17
								1.000		1.000	18
								1.000		1.000	19
								1.000		1.000	20
								1.000		1.000	21
								1.000		1.000	22
								1.000		1.000	23
								1.000		1.000	24
								1.000		1.000	25
								1.000		1.000	26
								1.000		1.000	27
								1.000		1.000	28
								1.000		1.000	29
								1.000		1.000	30
								1.000		1.000	31
								1.000		1.000	32
								1.000		1.000	33
								1.000		1.000	34
								1.000		1.000	35

Adjusted Cycle Theoretical Cumulative Distance	MDIUF [3]	MDIUF x Adjusted CO2	MDIUF x Adjusted Total Fuel Consumption	43/57 City Fleet Utility Factor [3]	43/57 City FUF x Adjusted Total Fuel Consumption Rate	43/57 City FUF x Adjusted CREE	Is Cycle CD or CS based on NEC 1% Tolerance?	NEC Tolerance 1% Fuel Energy Criteria	Is Cycle CD or CS based on battery 2% Tolerance?	NEC Tolerance 2% Usable Battery Energy Criteria	DETAILED CA
											Cycle No.
miles	*UF*	*g/mi*	*gal/mi equiv*	*UF*	*gal/mi equiv*	*g/mi*	*CD or CS*		*CD or CS*		*No.*
								1.000		1.000	1
								1.000		1.000	2
								1.000		1.000	3
								1.000		1.000	4
								1.000		1.000	5
								1.000		1.000	6
								1.000		1.000	7
								1.000		1.000	8
								1.000		1.000	9
								1.000		1.000	10
								1.000		1.000	11
								1.000		1.000	12
								1.000		1.000	13
								1.000		1.000	14
								1.000		1.000	15
								1.000		1.000	16
								1.000		1.000	17
								1.000		1.000	18
								1.000		1.000	19
								1.000		1.000	20
								1.000		1.000	21
								1.000		1.000	22
								1.000		1.000	23
								1.000		1.000	24
								1.000		1.000	25
								1.000		1.000	26
								1.000		1.000	27
								1.000		1.000	28
								1.000		1.000	29
								1.000		1.000	30
								1.000		1.000	31
								1.000		1.000	32
								1.000		1.000	33
								1.000		1.000	34
								1.000		1.000	35

Adjusted Cycle Theoretical Cumulative Distance	MDIUF [3]	MDIUF x Adjusted CO2	MDIUF x Adjusted Total Fuel Consumption	43/57 City Fleet Utility Factor [3]	43/57 City FUF x Adjusted Total Fuel Consumption Rate	43/57 City FUF x Adjusted CREE	Is Cycle CD or CS based on NEC 1% Tolerance?	NEC Tolerance 1% Fuel Energy Criteria	Is Cycle CD or CS based on battery 2% Tolerance?	NEC Tolerance 2% Usable Battery Energy Criteria	DETAILED CA
											Cycle No.
miles	*UF*	*g/mi*	*gal/mi equiv*	*UF*	*gal/mi equiv*	*g/mi*	*CD or CS*		*CD or CS*		*No.*
								1.000		1.000	1
								1.000		1.000	2
								1.000		1.000	3
								1.000		1.000	4
								1.000		1.000	5
								1.000		1.000	6
								1.000		1.000	7
								1.000		1.000	8
								1.000		1.000	9
								1.000		1.000	10
								1.000		1.000	11
								1.000		1.000	12
								1.000		1.000	13
								1.000		1.000	14
								1.000		1.000	15
								1.000		1.000	16
								1.000		1.000	17
								1.000		1.000	18
								1.000		1.000	19
								1.000		1.000	20
								1.000		1.000	21
								1.000		1.000	22
								1.000		1.000	23
								1.000		1.000	24
								1.000		1.000	25
								1.000		1.000	26
								1.000		1.000	27
								1.000		1.000	28
								1.000		1.000	29
								1.000		1.000	30
								1.000		1.000	31
								1.000		1.000	32
								1.000		1.000	33
								1.000		1.000	34
								1.000		1.000	35

LCULATIONS	HFET	Normal										
Gasoline Consumed	CO2 [0]	Net Amp-Hours Used Per Cycle [3]	DC Electricity Consumed [1]	AC Electricity Consumed [1]	Theoretical Cumulative Cycle Distance	Electric Only Fuel Consumption Rate	Total Fuel Consumption Rate (gas + electric)	55/45 Highway Fleet Utility Factor [3]	55/45 Highway FUF x CREE	55/45 Highway FUF x Total Consumption	Total Fuel Consumption (gas + electric)	5-Cycle Adjustment
gal	*grams*	*Amp-hours*	*W-hours*	*W-hours*	*mi*	*gal/mi equiv*	*gal/mi equiv*	*UF*	*UF*	*gal/mi equiv*	*gal-equiv*	*%*
0.0000	0.0000	-7.271	-24.0000	2581.8000	10.30	0.00748046	0.0075	0.1230	0.0000	0.0009	0.0766	0.7000
0.0000	0.0000	-7.43	-24.5000	2635.6000	20.60	0.007628889	0.0076	0.1170	0.0000	0.0009	0.0782	0.7000
0.0000	0.0000	-7.638	-25.2000	2710.9000	30.90	0.007839201	0.0078	0.1050	0.0000	0.0008	0.0804	0.7000
0.0000	0.0000	-7.613	-25.1000	2700.1000	41.20	0.007815588	0.0078	0.0920	0.0000	0.0007	0.0801	0.7000
0.0971	861.0000	-4.058	-13.4000	1441.5000	51.50	0.004172501	0.0136	0.0790	6.7940	0.0011	0.1398	0.7000
0.1830	1629.7500	0.012	0.0000	0.0000	61.80	0	0.0179	0.0670	10.7200	0.0012	0.1830	0.7000
0.1852	1651.8600	0.137	0.5000	-53.8000	72.10	-0.00015558	0.0179	0.0560	9.0720	0.0010	0.1836	0.7000

LCULATIONS	HFET	0										
Gasoline Consumed	CO2 [0]	Net Amp-Hours Used Per Cycle [3]	DC Electricity Consumed [1]	AC Electricity Consumed [1]	Theoretical Cumulative Cycle Distance	Electric Only Fuel Consumption Rate	Total Fuel Consumption Rate (gas + electric)	55/45 Highway Fleet Utility Factor [3]	55/45 Highway FUF x CREE	55/45 Highway FUF x Total Consumption	Total Fuel Consumption (gas + electric)	5-Cycle Adjustment
gal	*grams*	*Amp-hours*	*W-hours*	*W-hours*	*mi*	*gal/mi equiv*	*gal/mi equiv*	*UF*	*UF*	*gal/mi equiv*	*gal-equiv*	*%*

LCULATIONS	HFET	0

Gasoline Consumed	CO2 [0]	Net Amp-Hours Used Per Cycle [3]	DC Electricity Consumed [1]	AC Electricity Consumed [1]	Theoretical Cumulative Cycle Distance	Electric Only Fuel Consumption Rate	Total Fuel Consumption Rate (gas + electric)	55/45 Highway Fleet Utility Factor [3]	55/45 Highway FUF x CREE	55/45 Highway FUF x Total Consumption	Total Fuel Consumption (gas + electric)	5-Cycle Adjustment
gal	*grams*	*Amp-hours*	*W-hours*	*W-hours*	*mi*	*gal/mi equiv*	*gal/mi equiv*	*UF*	*UF*	*gal/mi equiv*	*gal-equiv*	*%*

Adjusted Cycle Measured Distance	Adjusted Cycle Theoretical Cumulative Distance	MDIUF [3]	MDIUF x Adjusted CO2	MDIUF x Adjusted Total Fuel Consumption	43/57 Highway Fleet Utility Factor [3]	43/57 Highway FUF x Adjusted Total Fuel Consumption Rate	43/57 Highway FUF x Adjusted CREE	Is Cycle CD or CS based on NEC 1% Tolerance?	NEC Tolerance 1% Fuel Energy Criteria	Is Cycle CD or CS based on battery 2% Tolerance?	NEC Tolerance 2% Usable Battery Energy Criteria
miles	*miles*	*UF*	*g/mi*	*gal-equiv*	*UF*	*gal-equiv*	*g/mi*	*CD or CS*		*CD or CS*	
7.168	7.21	0.2060000	0	0.002201393	0.0970	0.001036578	0	CD	1.000	CD	1.000
7.175	14.42	0.1560000	0	0.001700152	0.0940	0.001024451	0	CD	1.000	CD	0.505
7.182	21.63	0.1190000	0	0.001332664	0.0870	0.000974301	0	CD	1.000	CD	0.342
7.175	28.84	0.0920000	0	0.001027192	0.0800	0.00089321	0	CD	1.000	CD	0.254
7.175	36.05	0.0720000	8.64	0.001403198	0.0720	0.001403198	8.845714286	CD	-0.027	CD	0.119
7.175	43.26	0.0560000	12.72	0.001428571	0.0640	0.001632653	14.62857143	CS based on 1	-0.007	CS based on 2	0.000
7.182	50.47	0.0450000	10.35	0.001150391	0.0560	0.001431597	12.96	CS based on 1	-0.002	CS based on 2	-0.004
									1.000		1.000
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Adjusted Cycle Measured Distance	Adjusted Cycle Theoretical Cumulative Distance	MDIUF [3]	MDIUF x Adjusted CO2	MDIUF x Adjusted Total Fuel Consumption	43/57 Highway Fleet Utility Factor [3]	43/57 Highway FUF x Adjusted Total Fuel Consumption Rate	43/57 Highway FUF x Adjusted CREE	Is Cycle CD or CS based on NEC 1% Tolerance?	NEC Tolerance 1% Fuel Energy Criteria	Is Cycle CD or CS based on battery 2% Tolerance?	NEC Tolerance 2% Usable Battery Energy Criteria
miles	*miles*	*UF*	*g/mi*	*gal-equiv*	*UF*	*gal-equiv*	*g/mi*	*CD or CS*		*CD or CS*	
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Adjusted Cycle Measured Distance	Adjusted Cycle Theoretical Cumulative Distance	MDIUF [3]	MDIUF x Adjusted CO2	MDIUF x Adjusted Total Fuel Consumption	43/57 Highway Fleet Utility Factor [3]	43/57 Highway FUF x Adjusted Total Fuel Consumption Rate	43/57 Highway FUF x Adjusted CREE	Is Cycle CD or CS based on NEC 1% Tolerance?	NEC Tolerance 1% Fuel Energy Criteria	Is Cycle CD or CS based on battery 2% Tolerance?	NEC Tolerance 2% Usable Battery Energy Criteria
miles	*miles*	*UF*	*g/mi*	*gal-equiv*	*UF*	*gal-equiv*	*g/mi*	*CD or CS*		*CD or CS*	
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