ENTER/REPLACE DATA IN GREEN CELLS ONLY!

CALCULATED CAFE, GHG, AND LABEL VALUES

CAFE Values			
✓ A. PHEV meets dual fuel criteria:	City	Highway	Combined
1. Default 50/50 Composite MPGe	37.7275	50.9206	42.7067
→ 2. Optional Utility Factor Composite MPGe	48.1189	42.0796	45.1997 ←
B. PHEV does NOT meet dual fuel criteria:	City	Highway	Combined
1. Utility Factor Composity MPGe	36.8334	37.0829	36.9453
Based on the all-electric range, is this PHEV a dual fuel vehicle for CAFE?			YES
	City	Highway	Combined
All-Electric Range (miles, unadjusted)	27.00	31.20	28.9
GHG Values	City	Highway	Combined
Composite CREE, no DF (g/mi)	148.8	194.5	169.4
Composite CREE, with DF (g/mi)	206.8	204.2	205.6
Label Values (5-Cycle Adjusted)			
Charge-Depleting	City	Highway	Combined
Charge-depleting Range (Miles)	20.10	21.99	21
All-Electric Range (Miles)	18.93	21.85	20
Total Driving Range (Miles)			390
Volunary Reduction - Charge-depleting Range (Mile:	17.08	18.69	18.00
Volunary Reduction - All-Electric Range (Miles)	16.09	18.57	17.00
Voluntary Reduction - Total Driving Range			390 | 390
CD Fuel Economy (MPGe)	44.4304	48.8876	46
CD Electricity Consumption (kW-hr/100mi)	76.8710	68.8870	73.2782
CD Gasoline Consumption (gal/100mi)	0.0	0.0	0.0
Charge-Sustaining	City	Highway	Combined
CS Fuel Economy (MPG)	16.9	21.0	19
CS Fuel Consumption (gal/100mi)	5.9	4.8	5.3
Composite CD/CS	City	Highway	Combined
Annual Fuel Cost ($/year)			$ 2,050
5-Year Fuel Savings Value ($/5 years)		You SPEND:	$ 2,750
Composite CO2 (g/mi)	286.0	219.0	256
Composite Fuel Economy (MPG)	23.4392	28.8436	26
MPG Rating (on scale of 1-10)			5
GHG Rating (on scale of 1-10)			7
Label Inputs Based on Model Year and Fuel Type (generally these should not be changed)			
Gasoline cost ($/gallon)			$ 3.25
Electricity cost ($/kW-hour)			$ 0.13
Average vehicle 5-year cost ($)			$ 7,500
Average vehicle MPG			27

THE FOLLOWING VALUES ARE USED FOR OTHER EPA PUBLICATIONS OR PROGRAMS

Trends Report Values	City	Highway	Combined
Fleet Utility Factor (43/57)	0.5940	0.3600	
Unadjusted Fuel Economy (MPG)	36.8334	37.0829	
Unadjusted GHG (g/mi)	148.8000	194.5000	
Adjusted Fuel Economy (MPG)	25.8913	24.9128	
Adjusted GHG (g/mi)	227.8	304.8	
HOV Lane Values	City	Highway	Combined
MDIUF based on unadjusted Rcda	0.5640	0.6010	
Composite CD/CS Fuel Economy (MPGe)	34.1	45.6	38.5
Fueleconomy.gov Values			
Charge-sustaining Efficiency			MPG
City FE (Guide) - Conventional Fuel			17
Hwy FE (Guide) - Conventional Fuel			21
Comb FE (Guide) - Conventional Fuel			19
City Unadj FE - Conventional Fuel			21.6
Hwy Unadj FE - Conventional Fuel			29.9
Comb Unadj FE - Conventional Fuel			24.6695
City Unrd Adj FE - Conventional Fuel			16.9301
Hwy Unrd Adj FE - Conventional Fuel			21.0049
Comb Unrd Adj FE - Conventional Fuel			18.5494
Charge-sustaining CO2			g/mi
City CO2 Rounded Adjusted			523
Hwy CO2 Rounded Adjusted			422
Comb CO2 Rounded Adjusted			478
*City CO2 Unadj			412.0
*Hwy CO2 Unadj			296.0
*Comb CO2 Unadj			359.8
*City CO2 Unrd Adj			522.8
*Hwy CO2 Unrnd Adj			422.5
*Comb CO2 Unrnd Adj			477.7
Charge-sustaining Driving Range (Adjusted)			
*Range1 - Model Type Driving Range - Conventional Fuel - City			335
*Range1 - Model Type Driving Range - Conventional Fuel - Hwy			416
Range1 - Model Type Driving Range - Conventional Fuel - Comb			372
Charge-depleting Efficiency		kW-hr/100mi	MPGe
City2 FE (Guide) - Alternative Fuel		77	44
Hwy2 Fuel FE (Guide) - Alternative Fuel		69	49
Comb2 Fuel FE (Guide) - Alternative Fuel		73	46
City2 Unadj FE - Alternative Fuel		54.4	62
Hwy2 Unadj FE - Alternative Fuel		48.3	69.8
Comb2 Unadj FE - Alternative Fuel		51.6550	65.2828
City2 Unrd Adj FE - Alternative Fuel		76.8710	44.4304
Hwy2 Unrd Adj FE - Alternative Fuel		68.8870	48.8876
Cmb2 Unrd Adj FE - Alternative Fuel		73.2782	46.3313
Charge-depleting CO2			g/mi
City CO2 Rounded Adj			0
Hwy CO2 Rounded Adj			0
Comb CO2 Rounded Adj			0
*City CO2 Unadj			0
*Hwy CO2 Unadj			0
*Comb CO2 Unadj			0
*City CO2 Unrd Adj			0
*Hwy CO2 Unrnd Adj			0
*Comb CO2 Unrnd Adj			0
Charge-depleting Driving Range (Adjusted)			miles
City Range on Electricity (miles)			20.10
Hwy Range on Electricity (miles)			21.99
Comb Range on Electricity as shown on FE Label (miles)			21
All-Electric Driving Range (Adjusted)			miles
City All-Electric Range			18.93
Hwy All-Electric Range			21.85
Comb All-Electric Range as shown on FE Label (miles)			20.0
Charge-depleting Utility Factors			UF
City Utility Factor (MDIUF)			0.458
Hwy Utility Factor (MDIUF)			0.486
Comb Utility Factor (MDIUF)			0.471
Composite Efficiency (Adjusted)			MPGe
City PHEV Composite MPGe			23
Hwy PHEV Composite MPGe			29
Comb PHEV Composite MPGe			26
Composite CO2 (Adjusted)			g/mi
City CO2-PHEV Composite Rounded Adjusted Combined CO2			286
Hwy CO2-PHEV Composite Rounded Adjusted Combined CO2			219
CO2-PHEV Composite Rounded Adjusted Combined CO2			256
PHEV Total Driving Range (Adjusted)			miles
			390

ENTER BASIC VEHICLE INFORMATION HERE

Vehicle Information	
Model year:	2021
Vehicle category:	PV
Manufacturer name:	Bentley
Model name:	Bentayga Hybrid
Liquid fuel type:	Premium Unleaded
Additional descriptors as needed:	PHEV
Fuel tank size (U.S. gallons)	✓ 19.8
Deterioration Factors for GHG (CREE) Values (op	Yes
Select the type of DF to apply:	Multiplicative
Enter a single DF for City and Highway:	
Enter a City DF :	1.39
Enter a Highway DF:	1.05
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

Range and CREE are volunarily reduced by the manufacturer.

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.

Test Set #1

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

ENTER CHARGE-SUSTAINING TEST RESULTS HERE

	City	Highway
Fuel Economy, Unadjusted (MPG):	21.6	29.9
Fuel Economy, Adjusted (MPG)*:	16.9301	21.0049
CREE (g/mi):	412.0	296.0
CO2, Unadjusted (g/mi):	412	296
CO2, Adjusted (g/mi):	522.8	422.5

*Fuel Economy, Adjusted based on 5-cycles due to failed litmus
Test data ASTM rounded to signiicant degits specified

EPA test num.	
MVGA10067580	CS FTP
MVGA10067581	CS HWY
MVGA10067582	CS US06
MVGA10067592	CS Cold FTP
MVGA10067583	CS SC03
MVGA10067593	CD UDDS
MVGA10067593	CD HWY

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	7.432	11.099	311.00	0.0	0.00	0.00
2	7.432	21.909	311.00	0.0	0.00	0.00
3	7.426	32.844	311.00	0.0	0.00	0.00
4	7.426	41.289	311.00	80.9	109	109
5	7.442	41.496	311.00	24.3	366	366
6	7.420	41.836	311.00	24.7	360	360
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
					Recharge energy (AC kilowatt-hours):	15.448
					All-Electric Range (miles):	27.040
Calculated transition cycle: 4			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	10.252	13.817	311.00	0.0	0.00	0.00
2	10.255	27.014	311.00	0.0	0.00	0.00
3	10.258	40.433	311.00	0.0	0.00	0.00
4	10.248	41.260	311.00	29.3	303	303
5	10.256	41.262	311.00	27.7	320	320
6	10.250	41.120	311.00	29.6	300	300
7	10.268	41.231	311.00	30.2	294	294
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
					Recharge energy (AC kilowatt-hours):	15.151
					All-Electric Range (miles):	31.210
Calculated transition cycle: 4			To override transition cycle, enter here--->			

Results from Test Set #1: Normal

CAFE Values	City	Highway	Combined
A. PHEV meets dual fuel criteria:	City	Highway	Combined
1. Default 50/50 Composite MPGe [4]	37.7275	50.9206	42.7067
2. Optional Utility Factor Composite MPGe [4]	48.1189	42.0796	45.1997
B. PHEV does NOT meet dual fuel criteria:	City	Highway	Combined
1. Utility Factor Composite MPGe [4]	36.8334	37.0829	36.9453
GHG Values	City	Highway	Combined
Composite CREE, (g/mi) [1]	148.8	194.5	169.4
Label Values (5-Cycle Adjusted)			
Charge-Depleting			Combined
CD range, adjusted (miles) [0]			21
CD All-Electric Range, adjusted (mi) [0]			20
Total Driving Range (Miles) [0]			390
CD Fuel Economy (MPGe) [0]			46
CD Electricity Consumption (kW-hr/100mi) [0]			73
CD Gasoline Consumption (gal/100mi) [0]			0
Charge-Sustaining			Combined
CS Fuel Economy (MPG) [0]	16.9301	21.0049	19
CS Fuel Consumption (gal/100mi) [1]	5.9	4.8	5.3
Composite CD/CS			Combined
Annual Fuel Cost ($/year) [0]			2,050
5-Year Fuel Savings Value ($/5 years) [0]			(2,750)
Composite CO2 (g/mi) [0]			256
Composite Fuel Economy (MPG) [0]			26
HOV Lane Values	City	Highway	Combined
MDIUF based on unadjusted Rcda [3]	0.564	0.601	
Composite CD/CS Fuel Economy (MPGe) [4]	34.1003	45.5903	38.4624
Trends Report Values	City	Highway	Combined
Fleet Utility Factor (43/57) [3]	0.594	0.360	0.4887
Unadjusted Fuel Economy (MPG) [4]	36.8334	37.0829	36.9453
Unadjusted GHG (g/mi) [1]	148.8	194.5	169.4
Adjusted Fuel Economy (MPG) [4]	25.8913	24.9128	25.4416
Adjusted GHG (g/mi) [1]	227.8	304.8	262.4

INTERMEDIATE CALCULATIONS AND INPUTS — Test Set #1: Normal

Charge-Depleting (CD) Test Results	CITY	HIGHWAY
DRIVING DISTANCE VALUES	CITY	HIGHWAY
CD driving distance (Rcda), unadjusted (miles) [3]	28.023	31.400
CD driving distance (Rcda), adjusted (miles) [3]	20.096	21.994
CD all-electric driving distance, unadjusted (miles) [3]	27.040	31.210
CD All-Electric Range, adjusted (mi) [3]	18.928	21.847
FUEL CONSUMPTION & ECONOMY VALUES	CITY	HIGHWAY
NEW CD AC electricity consumption (Rcdc), unadjusted (Watt-hours) [1]	15246.0	15161.7
CD AC electricity consumption rate (Rcda), adjusted (kW-hr/100mi) [3]	76.871	68.887
CD test total DC energy consumed, unadjusted (Watt-hours) [1]	13011.0	12822.8
NEW CD Rcda total fuel consumption (Rcda), unadjusted (gal equiv) [4]	0.4523	0.4499
CD utilitized total fuel consumption rate (55/45 FUF, Rcdc), unadjusted (gal-equiv/mile) [6]	0.011658	0.008167
NEW CD utilitized total fuel consumption rate (43/57 FUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.014642	0.009671
NEW CD utilitized total fuel consumption rate (MDIUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.011831	0.014484
CD gasoline consumption (Rcda), unadjusted (gal) [1]	0	0
CD fuel economy (Rcda), adjusted (MPGe) [4]	44.4304	48.8876
CD gasoline consumption rate (Rcda), adjusted (gal/100mi) [4]	0.0000	0.0000
NEW CD fuel economy (Rcda), unadjusted (MPGe) [4]	61.9562	69.7949
NEW CD AC electricity consumption rate (Rcda), unadjusted (kW-hr/100mi) [3]	54.401	48.291
GHG EMISSIONS VALUES	CITY	HIGHWAY
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
NEW CD utilitized CO2 (MDIUF, Rcdc), adjusted (g/mi) [1]	13.1	39.9
CD utilitized CREE (55/45 FUF, Rcdc), unadjusted (g/mi) [1]	11.2	27.9
NEW CD utilitized CREE (43/57 FUF, Rcdc), adjusted (g/mi) [1]	15.5	34.4
UTILITY FACTORS & OTHER METRICS	CITY	HIGHWAY
CD 55/45 Fleet Utility Factor (FUF) for Rcdc [3]	0.666	0.437
MDIUF based on adjusted Rcda [3]	0.458	0.486
MDIUF based on adjusted Rcdc [3]	0.478	0.576
Fraction of transition cycle that is charge-depleting operation (Zn) [3]	0.772	0.062
Number of last cycle number with charge-depleting operation (transition cycle) [0]	4	4
Intermediate Results Requiring Charge-Sustaining (CS) Test Results or Other Inputs		
DRIVING DISTANCE VALUES	CITY	HIGHWAY
CD Equivalent All-Electric Range (EAER), Unadjusted (mi) [3]	28.023	31.400
Charge-sustaining driving range, adjusted (mi) [3]	335.216	415.897
UTILITY FACTORS & OTHER METRICS	CITY	HIGHWAY
CD 55/45 Fleet Utility Factor (FUF) for EAER [3]	0.644	0.350
FUEL COSTS: PROCESS FOR DERIVING A COMPOSITE CD/CS COST PER MILE	CITY	HIGHWAY
CD cost per mile - electricity ($/mi) [3]	$ 0.100	$ 0.090
CD cost per mile - gasoline ($/mi) [3]	$ -	$ -
CD total cost per mile ($/mi) [3]	$ 0.100	$ 0.090
CS cost per mile ($/mi) [3]	$ 0.192	$ 0.155
Composite CD/CS cost ($/mi) [3]	$ 0.150	$ 0.123
COMPOSITE CD/CS FUEL ECONOMY AND CO2 VALUES, ADJUSTED	CITY	HIGHWAY
Composite CD/CS CO2, adjusted (g/mi) [1]	286.0	219.0
Composite CD/CS Fuel Economy, adjusted (MPG) [4]	23.4392	28.8436

DETAILED CALCULATIONS

Cycle No.	Gasoline Consumed
No.	gal
1	0.0000
2	0.0000
3	0.0000
4	0.0918
5	0.3063
6	0.3004
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	

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]
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
					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						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
					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	City	Highway	Combined
A. PHEV meets dual fuel criteria:	City	Highway	Combined
1. Default 50/50 Composite MPGe [4]	-	-	-
2. Optional Utility Factor Composite MPGe [4]	-	-	-
B. PHEV does NOT meet dual fuel criteria:	City	Highway	Combined
1. Utility Factor Composite MPGe [4]	-	-	-
GHG Values	City	Highway	Combined
Composite CREE, without upstream emissions [1]	0.0	0.0	0.0
Label Values (5-Cycle Adjusted)			
Charge-Depleting			Combined
CD range, adjusted (miles) [0]			0
CD All-Electric Range, adjusted (mi) [0]			0
Total Driving Range (Miles) [0]			0
CD Fuel Economy (MPGe) [0]			0
CD Electricity Consumption (kW-hr/100mi) [0]			0
CD Gasoline Consumption (gal/100mi) [0]			0
Charge-Sustaining			Combined
CS Fuel Economy (MPG) [0]	0.0000	0.0000	0
CS Fuel Consumption (gal/100mi) [1]	0.0	0.0	0
Composite CD/CS			Combined
Annual Fuel Cost ($/year) [0]			-
5-Year Fuel Savings Value ($/5 years) [0]			7,500
Composite CO2 (g/mi) [0]			0
Composite Fuel Economy (MPG) [0]			0
HOV Lane Values	City	Highway	Combined
MDIUF based on unadjusted Rcda [3]	0.000	0.000	
Composite CD/CS Fuel Economy (MPGe) [4]	0.0000	0.0000	0.0000
Trends Report Values	City	Highway	Combined
Fleet Utility Factor (43/57) [3]	0.000	0.000	0.0000
Unadjusted Fuel Economy (MPG) [4]	0.0000	0.0000	0.0000
Unadjusted GHG (g/mi) [1]	-	-	-
Adjusted Fuel Economy (MPG) [4]	0.0000	0.0000	0.0000
Adjusted GHG (g/mi) [1]	0.0	0.0	0.0

INTERMEDIATE CALCULATIONS AND INPUTS — Test Set #2: 0

Charge-Depleting (CD) Test Results	CITY	HIGHWAY
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
CD all-electric driving distance, unadjusted (miles) [3]	0.000	0.000
CD All-Electric Range, adjusted (mi) [3]	0.000	0.000
FUEL CONSUMPTION & ECONOMY VALUES	CITY	HIGHWAY
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
NEW CD Rcda total fuel consumption (Rcda), unadjusted (gal equiv) [4]	0.0000	0.0000
CD utilitized total fuel consumption rate (55/45 FUF, Rcdc), unadjusted (gal-equiv/mile) [6]	0.000000	0.000000
NEW CD utilitized total fuel consumption rate (43/57 FUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.000000	0.000000
NEW CD utilitized total fuel consumption rate (MDIUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.000000	0.000000
CD gasoline consumption (Rcda), adjusted (gal) [1]	0	0
CD fuel economy (Rcda), adjusted (MPGe) [4]	0.0000	0.0000
CD gasoline consumption rate (Rcda), adjusted (gal/100mi) [4]	0.0000	0.0000
NEW CD fuel economy (Rcda), unadjusted (MPGe) [4]	0	0
NEW CD AC electricity consumption rate (Rcda), unadjusted (kW-hr/100mi) [3]	0	0
GHG EMISSIONS VALUES	CITY	HIGHWAY
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
NEW CD utilitized CO2 (MDIUF, Rcdc), adjusted (g/mi) [1]	0.0	0.0
CD utilitized CREE (55/45 FUF, Rcdc), unadjusted (g/mi) [1]	0.0	0.0
NEW CD utilitized CREE (43/57 FUF, Rcdc), adjusted (g/mi) [1]	0.0	0.0
UTILITY FACTORS & OTHER METRICS	CITY	HIGHWAY
CD 55/45 Fleet Utility Factor (FUF) for Rcdc [3]	0.000	0.000
MDIUF based on adjusted Rcda [3]	0.000	0.000
MDIUF based on adjusted Rcdc [3]	0.000	0.000
Fraction of transition cycle that is charge-depleting operation (Zn) [3]	#VALUE!	#VALUE!
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		
DRIVING DISTANCE VALUES	CITY	HIGHWAY
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	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	

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]
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						

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						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						

Results from Test Set #3: 0

CAFE Values	City	Highway	Combined
A. PHEV meets dual fuel criteria:	City	Highway	Combined
1. Default 50/50 Composite MPGe [4]	-	-	-
2. Optional Utility Factor Composite MPGe [4]	-	-	-
B. PHEV does NOT meet dual fuel criteria:	City	Highway	Combined
1. Utility Factor Composite MPGe [4]	-	-	-
GHG Values	City	Highway	Combined
Composite CREE, without upstream emissions [1]	0.0	0.0	0.0
Label Values (5-Cycle Adjusted)			
Charge-Depleting			Combined
CD range, adjusted (miles) [0]			0
CD All-Electric Range, adjusted (mi) [0]			0
Total Driving Range (Miles) [0]			0
CD Fuel Economy (MPGe) [0]			0
CD Electricity Consumption (kW-hr/100mi) [0]			0
CD Gasoline Consumption (gal/100mi) [0]			0
Charge-Sustaining			Combined
CS Fuel Economy (MPG) [0]	0.0000	0.0000	0
CS Fuel Consumption (gal/100mi) [1]	0.0	0.0	0
Composite CD/CS			Combined
Annual Fuel Cost ($/year) [0]			-
5-Year Fuel Savings Value ($/5 years) [0]			7,500
Composite CO2 (g/mi) [0]			0
Composite Fuel Economy (MPG) [0]			0
HOV Lane Values	City	Highway	Combined
MDIUF based on unadjusted Rcda [3]	0.000	0.000	
Composite CD/CS Fuel Economy (MPGe) [4]	0.0000	0.0000	0.0000
Trends Report Values	City	Highway	Combined
Fleet Utility Factor (43/57) [3]	0.000	0.000	0.0000
Unadjusted Fuel Economy (MPG) [4]	0.0000	0.0000	0.0000
Unadjusted GHG (g/mi) [1]	-	-	-
Adjusted Fuel Economy (MPG) [4]	0.0000	0.0000	0.0000
Adjusted GHG (g/mi) [1]	0.0	0.0	0.0

INTERMEDIATE CALCULATIONS AND INPUTS — Test Set #3: 0

Charge-Depleting (CD) Test Results	CITY	HIGHWAY
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
CD all-electric driving distance, unadjusted (miles) [3]	0.000	0.000
CD All-Electric Range, adjusted (mi) [3]	0.000	0.000
FUEL CONSUMPTION & ECONOMY VALUES	CITY	HIGHWAY
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
NEW CD Rcda total fuel consumption (Rcda), unadjusted (gal equiv) [4]	0.0000	0.0000
CD utilitized total fuel consumption rate (55/45 FUF, Rcdc), unadjusted (gal-equiv/mile) [6]	0.000000	0.000000
NEW CD utilitized total fuel consumption rate (43/57 FUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.000000	0.000000
NEW CD utilitized total fuel consumption rate (MDIUF, Rcdc), adjusted (gal-equiv/mile) [6]	0.000000	0.000000
CD gasoline consumption (Rcda), adjusted (gal) [1]	0	0
CD fuel economy (Rcda), adjusted (MPGe) [4]	0.0000	0.0000
CD gasoline consumption rate (Rcda), adjusted (gal/100mi) [4]	0.0000	0.0000
NEW CD fuel economy (Rcda), unadjusted (MPGe) [4]	0	0
NEW CD AC electricity consumption rate (Rcda), unadjusted (kW-hr/100mi) [3]	0	0
GHG EMISSIONS VALUES	CITY	HIGHWAY
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
NEW CD utilitized CO2 (MDIUF, Rcdc), adjusted (g/mi) [1]	0.0	0.0
CD utilitized CREE (55/45 FUF, Rcdc), unadjusted (g/mi) [1]	0.0	0.0
NEW CD utilitized CREE (43/57 FUF, Rcdc), adjusted (g/mi) [1]	0.0	0.0
UTILITY FACTORS & OTHER METRICS	CITY	HIGHWAY
CD 55/45 Fleet Utility Factor (FUF) for Rcdc [3]	0.000	0.000
MDIUF based on adjusted Rcda [3]	0.000	0.000
MDIUF based on adjusted Rcdc [3]	0.000	0.000
Fraction of transition cycle that is charge-depleting operation (Zn) [3]	#VALUE!	#VALUE!
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		
DRIVING DISTANCE VALUES	CITY	HIGHWAY
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!

DETAILED CALCULATIONS

Cycle No.	Gasoline Consumed
No.	gal
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	

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	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
grams	Amp-hours	W-hours	W-hours	mi	gal/mi equiv	gal/mi equiv	UF	UF	gal/mi equiv	gal-equiv	%	miles	miles	UF	g/mi	gal/mi equiv	UF	gal/mi equiv	g/mi	CD or CS		CD or CS	
0	11.099	3451.8	4098.3	7.45	0.016360769	0.0164	0.243	0.0000	0.0040	0.1216	0.7091	5.27036	5.283128	0.156	0	0.003599096	0.201	0.004437297	0	CD	1.000	CD	1.000
0	10.810	3361.9	3991.6	14.90	0.015934813	0.0159	0.183	0.0000	0.0029	0.1184	0.7058	5.24550	10.541333	0.127	0	0.002867276	0.159	0.003589739	0	CD	1.000	CD	0.493
0	10.935	3400.8	4037.8	22.35	0.016132272	0.0161	0.137	0.0000	0.0022	0.1198	0.7074	5.25292	15.811225	0.104	0	0.002371829	0.127	0.002896368	0	CD	1.000	CD	0.333
809	8.445	2626.4	3118.3	29.80	0.012458582	0.0248	0.103	11.2270	0.0026	0.1843	0.7548	5.60482	21.434164	0.091	13.14197998	0.0029924567	0.107	0.003518602	15.45265778	CD	0.854	CD	0.205
2724	0.207	64.4	76.5	37.25	0.000302484	0.0415	0.077	28.1820	0.0032	0.3085	0.7944	5.91207	27.352593	0.078	35.93565062	0.004070473	0.087	0.004540143	40.08207184	CS based on 1%	0.006	CS based on 2%	0.005
2671	0.340	105.7	125.5	44.70	0.000501817	0.0410	0.057	20.5200	0.0023	0.3041	0.7937	5.88931	33.265711	0.063	28.5747715	0.003253368	0.067	0.003459932	30.3890427	CS based on 1%	0.008	CS based on 2%	0.008
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000

DETAILED CALCULATIONS | **HFET** | **Normal**

Cycle No.	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	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
No.	gal	grams	Amp-hours	W-hours	W-hours	mi	gal/mi equiv	gal/mi equiv	UF	UF	gal/mi equiv	gal-equiv	%	miles	miles	UF	g/mi	gal-equiv	UF	gal-equiv	g/mi	CD or CS		CD or CS	
1	0.0000	0.0000	13.817	4297.1000	5077.3000	10.30	0.014693657	0.0147	0.123	0.0000	0.0018	0.1506	0.7000	7.376	7.21	0.2060000	0	0.004324133	0.0970	0.002036221	0	CD	1.000	CD	1.000
2	0.0000	0.0000	13.197	4104.3000	4849.5000	20.60	0.0140303	0.0140	0.117	0.0000	0.0016	0.1439	0.7000	7.179	14.42	0.1560000	0	0.003126753	0.0940	0.001884069	0	CD	1.000	CD	0.489
3	0.0000	0.0000	13.419	4173.3000	4931.0000	30.90	0.014261919	0.0143	0.105	0.0000	0.0015	0.1463	0.7000	7.181	21.63	0.1190000	0	0.002424526	0.0870	0.001772553	0	CD	1.000	CD	0.332
4	0.3498	3105.0000	0.827	257.2000	303.9000	41.20	0.000879827	0.0350	0.092	27.8760	0.0032	0.3588	0.7217	7.396	29.06	0.0950000	39.88583845	0.004608528	0.0820	0.003977888	34.42777635	CD	0.022	CD	0.020
5	0.3703	3282.0000	0.002	0.6000	0.7000	51.50	2.0256-06	0.0361	0.079	25.2800	0.0029	0.3703	0.7231	7.416	36.51	0.0730000	32.30421094	0.003644633	0.0740	0.003694559	32.74673438	CS based on 1%	0.000	CS based on 2%	0.000
6	0.3463	3075.0000	-0.142	-44.2000	-52.2000	61.80	-0.00011511	0.0336	0.067	20.1000	0.0023	0.3447	0.7197	7.377	43.92	0.0570000	23.75836269	0.002663525	0.0650	0.003037353	27.09286974	CS based on 1%	-0.004	CS based on 2%	-0.003
7	0.3400	3019.0000	0.111	34.5000	40.8000	72.10	0.000117891	0.0332	0.056	16.4640	0.0019	0.3412	0.7192	7.384	51.33	0.0450000	18.39666318	0.002079353	0.0570	0.002633847	23.30244002	CS based on 1%	0.000	CS based on 2%	-0.001
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																							1.000		1.000

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	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
grams	Amp-hours	W-hours	W-hours	mi	gal/mi equiv	gal/mi equiv	UF	UF	gal/mi equiv	gal-equiv	%	miles	miles	UF	g/mi	gal/mi equiv	UF	gal/mi equiv	g/mi	CD or CS		CD or CS	
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000

DETAILED CALCULATIONS | **HFET** | **0**

Cycle No.	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	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
No.	gal	grams	Amp-hours	W-hours	W-hours	mi	gal/mi equiv	gal/mi equiv	UF	UF	gal/mi equiv	gal-equiv	%	miles	miles	UF	g/mi	gal-equiv	UF	gal-equiv	g/mi	CD or CS		CD or CS	
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																							1.000		1.000

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	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
grams	Amp-hours	W-hours	W-hours	mi	gal/mi equiv	gal/mi equiv	UF	UF	gal/mi equiv	gal-equiv	%	miles	miles	UF	g/mi	gal/mi equiv	UF	gal/mi equiv	g/mi	CD or CS		CD or CS	
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000
																					1.000		1.000

DETAILED CALCULATIONS | **HFET** | **0**

Cycle No.	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	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
No.	gal	grams	Amp-hours	W-hours	W-hours	mi	gal/mi equiv	gal/mi equiv	UF	UF	gal/mi equiv	gal-equiv	%	miles	miles	UF	g/mi	gal-equiv	UF	gal-equiv	g/mi	CD or CS		CD or CS	
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																							1.000		1.000