ENTER/REPLACE DATA IN GREEN CELLS ONLY!

CALCULATED CAFE, GHG, AND LABEL VALUES

CAFE Values	City	Highway	Combined
✓ A. PHEV meets dual fuel criteria:			
→ 1. Default 50/50 Composite MPGe	35.7544	47.3365	40.1782 ←
2. Optional Utility Factor Composite MPGe	29.1423	31.0744	29.9812
B. PHEV does NOT meet dual fuel criteria:	City	Highway	Combined
1. Utility Factor Composity MPGe	25.9959	29.3797	27.4169

Based on the all-electric range, is this PHEV a dual fuel vehicle for CAFE?			YES
	City	Highway	Combined
All-Electric Range (miles unadjusted)	11.80	12.20	12.0

GHG Values	City	Highway	Combined
Composite CREE, no DF (g/mi)	295.8	301.6	298.4

Label Values (5-Cycle Adjusted)			
Charge-Depleting	City	Highway	Combined
Charge-depleting Range (Miles)	8.62	8.37	9
All-Electric Range (Miles)	8.26	8.54	8
Total Driving Range (Miles)			330
CD Fuel Economy (MPGe)	50.5126	50.8570	51
CD Electricity Consumption (kW-hr/100m)	66.1480	66.8740	66.4747
CD Gasoline Consumption (gal/100mi)	0.0	0.0	0.0
Charge-Sustaining	City	Highway	Combined
CS Fuel Economy (MPG)	16.1	19.8	18
CS Fuel Consumption (gal/100mi)	6.2	5.1	5.6
Composite CD/CS	City	Highway	Combined
Annual Fuel Cost ($/year)			$ 2,400
5-Year Fuel Savings Value ($/5 years)		You SPEND	$ 4,500
Composite CO2 (g/mi)	427.8	373.5	403
Composite Fuel Economy (MPG)	18.8250	22.3895	20
MPG Rating (on scale of 1-10)			4
GHG Rating (on scale of 1-10)			4

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

ENTER BASIC VEHICLE INFORMATION HERE

Vehicle Information	
Model year:	2021
Vehicle category:	PV
Manufacturer name:	Ferrari
Model name:	SF90 Stradale
Liquid fuel type:	Premium Unleaded
Additional descriptors as needed:	
Fuel tank size (U.S. gallons)	☑ 18.0
Deterioration Factors for GHG (CREE) Values (or	Yes
Select the type of DF to apply:	None
Enter a single DF for City and Highway:	0
Enter a City DF :	0
Enter a Highway DF:	0
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 Uti ity Factor (43/57)	0.3730	0.1940	
Unadjusted Fuel Economy (MPG)	25.9959	29.3797	
Unadjusted GHG (g/mi)	295.8000	301.6000	
Adjusted Fuel Economy (MPG)	19.7328	20.9079	
Adjusted GHG (g/mi)	395.3	427.8	
HOV Lane Values	**City**	**Highway**	**Combined**
MDIUF based on unadjusted Rcda	0.3100	0.3120	
Composite CD/CS Fuel Economy (MPGe)	25.7	33.9	28.8
Fueleconomy.gov Values			
Charge-sustaining Efficiency			**MPG**
City FE (Guide) - Conventional Fuel			16
Hwy FE (Guide) - Conventional Fuel			20
Comb FE (Guide) - Conventional Fuel			18
City Unadj FE - Conventional Fuel			20.0
Hwy Unadj FE - Conventional Fuel			27.3
Comb Unadj FE - Conventional Fuel			22.7499
City Unrd Adj FE - Conventional Fuel			16.1033
Hwy Unrd Adj FE - Conventional Fuel			19.7919
Comb Unrd Adj FE - Conventional Fuel			17.5775
Charge-sustaining CO2			**g/mi**
City CO2 Rounded Adjusted			548
Hwy CO2 Rounded Adjusted			477
Comb CO2 Rounded Adjusted			516
*City CO2 Unadj			441.3
*Hwy CO2 Unadj			346.6
*Comb CO2 Unadj			398.7
*City CO2 Unrd Adj			548.3
*Hwy CO2 Unrnd Adj			477
*Comb CO2 Unrnd Adj			516.2
Charge-sustaining Driving Range (Adjusted)			
*Range1 - Model Type Driving Range - Conventional Fuel - City			290
*Range1 - Model Type Driving Range - Conventional Fuel - Hwy			356
Range1 - Model Type Driving Range - Conventional Fuel - Comb			320
Charge-depleting Efficiency		**kW-hr/100mi**	**MPGe**
City2 FE (Guide) - Alternative Fuel		66	51
Hwy2 Fuel FE (Guide) - Alternative Fuel		67	51
Comb2 Fuel FE (Guide) - Alternative Fuel		66	51
City2 Unadj FE - Alternative Fuel		48.7	69.2
Hwy2 Unadj FE - Alternative Fuel		46.6	72.3
Comb2 Unadj FE - Alternative Fuel		47.7550	70.5615
City2 Unrd Adj FE - Alternative Fuel		66.1480	50.5126
Hwy2 Unrd Adj FE - Alternative Fuel		66.8740	50.8570
Cmb2 Unrd Adj FE - Alternative Fuel		66.4747	50.667
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)			8.62
Hwy Range on Electricity (miles)			8.37
Comb Range on Electricity as shown on FE Label (miles)			9
All-Electric Driving Range (Adjusted)			**miles**
City All-Electric Range			8.26
Hwy All-Electric Range			8.54
Comb All-Electric Range as shown on FE Label (miles)			8.0
Charge-depleting Utility Factors			**UF**
City Uti ity Factor (MDIUF)			0.24
Hwy Utility Factor (MDIUF)			0.234
Comb Utility Factor (MDIUF)			0.237
Composite Efficiency (Adjusted)			**MPGe**
City PHEV Composite MPGe			19
Hwy PHEV Composite MPGe			22
Comb PHEV Composite MPGe			20
Composite CO2 (Adjusted)			**g/mi**
City CO2-PHEV Composite Rounded Adjusted Combined CO2			428
Hwy CO2-PHEV Composite Rounded Adjusted Combined CO2			374
CO2-PHEV Composite Rounded Adjusted Combined CO2			403
PHEV Total Driving Range (Adjusted)			**miles**
			330

Test Set #1

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

ENTER CHARGE-SUSTAINING TEST RESULTS HERE	City	Highway
Fuel Economy, Unadjusted (MPG):	20.0	27.3
Fuel Economy, Adjusted (MPG):	16.1033	19.7919
CREE (g/mi):	442.0	347.0
CO2, Unadjusted (g/mi):	441	347
CO2, Adjusted (g/mi):	548.3	477.0

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.	Mi es [3]	Amp-hrs [3]	Volts [2]	MPG [1]	g/mi [0]	g/mi [0]
1	7.481	-9.434	309.10	6 986.1	0	0
2	7.420	-14.932	309.10	38.8	229	230
3	7.403	-14.805	309.10	20.8	425	423
4						
5						
6						
7						
8						
9						
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11						
12						
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26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
					Recharge energy (AC kilowatt-hours):	5.700
					All-Electric Range (miles):	11.799
Calculated transition cycle: 2			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	10.260	-12.369	309.10	6327233.1	0	0
2	10.259	-14.351	309.10	27.3	323	324
3	10.268	-14.392	309.10	25.6	344	344
4	10.265	-14.478	309.10	26.2	337	337
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
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25						
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28						
29						
30						
31						
32						
33						
34						
35						
					Recharge energy (AC kilowatt-hours):	5.600
					All-Electric Range (miles):	12.202
Calculated transition cycle: 2			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.	Mi es [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						
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22						
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24						
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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						
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11						
12						
13						
14						
15						
16						
17						
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22						
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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-->			

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						

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						

Results from Test Set #1: Hybrid Normal

CAFE Values	City	Highway	Combined
A. PHEV meets dual fuel criteria:	**City**	**Highway**	**Combined**
1. Default 50/50 Composite MPGe [4]	35.7544	47.3365	40.1782
2. Optional Utility Factor Composite MPGe [4]	29.1423	31.0744	29.9812
B. PHEV does NOT meet dual fuel criteria:	**City**	**Highway**	**Combined**
1. Utility Factor Composite MPGe [4]	25.9959	29.3797	27.4169
GHG Values	**City**	**Highway**	**Combined**
Composite CREE (g/mi) [1]	**295.8**	**301.6**	**298.4**

Label Values (5-Cycle Adjusted)			
Charge-Depleting			**Combined**
CD range adjusted (miles) [0]			**9**
CD All-Electric Range adjusted (mi) [0]			**8**
Total Driving Range (Miles) [0]			**330**
CD Fuel Economy (MPGe) [0]			**51**
CD Electricity Consumption (kW-hr/100mi) [0]			**66**
CD Gasoline Consumption (gal/100mi) [0]			**0**
Charge-Sustaining			**Combined**
CS Fuel Economy (MPG) [0]	16.1033	19.7919	**18**
CS Fuel Consumption (gal/100mi) [1]	6.2	5.1	**5.6**
Composite CD/CS			**Combined**
Annual Fuel Cost ($/year) [0]			**2,400**
5-Year Fuel Savings Value ($/5 years) [0]			**(4,500)**
Composite CO2 (g/m) [0]			**403**
Composite Fuel Economy (MPG) [0]			**20**
HOV Lane Values	**City**	**Highway**	**Combined**
MDIUF based on unadjusted Rcda [3]	0.310	0.312	
Composite CD/CS Fuel Economy (MPGe) [4]	25.6535	33.9268	28.8156
Trends Report Values	**City**	**Highway**	**Combined**
Fleet Utility Factor (43/57) [3]	0.373	0.194	0.2925
Unadjusted Fuel Economy (MPG) [4]	25.9959	29.3797	27.4169
Unadjusted GHG (g/mi) [1]	295.8	301.6	298.4
Adjusted Fuel Economy (MPG) [4]	19.7328	20.9079	20.2448
Adjusted GHG (g/mi) [1]	395.3	427.8	409.9

INTERMEDIATE CALCULATIONS AND INPUTS — Test Set #1: Hybrid Normal

Charge-Depleting (CD) Test Results

	DRIVING DISTANCE VALUES	CITY	HIGHWAY
	CD d v ng d stance (Rcda), unadjusted (m les) [3]	11.807	11.901
	CD d v ng d stance (Rcda), adjusted (m les) [3]	8.617	8.374
	CD all-elect c d v ng d stance, unad usted (m les) [3]	11.799	12.202
	CD All-Elect c Range, adjusted (m) [3]	8.259	8.541
	FUEL CONSUMPTION & ECONOMY VALUES	**CITY**	**HIGHWAY**
NEW	CD AC elect c ty consumpt on (Rcdc), unadjusted (Watt-hou s) [1]	5749.0	5550.9
	CD AC elect c ty consumpt on ate (Rcda), adjusted (kW-h /100m) [3]	66.148	66.874
	CD test total DC ene gy consumed, unadjusted (Watt-hou s) [1]	-4576.1	-4475.2
NEW	CD Rcda total fuel consumpt on (Rcda), unadjusted (gal equ v) [4]	0.1706	0.1647
	CD ut l t zed total fuel consumpt on ate (55/45 FUF, Rcdc), unadjusted (gal-equ v/m le) [6]	0.009766	0.006247
NEW	CD ut l t zed total fuel consumpt on ate (43/57 FUF, Rcdc), adjusted (gal-equ v/m le) [6]	0.011741	0.007105
NEW	CD ut l t zed total fuel consumpt on ate (MD UF, Rcdc), adjusted (gal-equ v/m le) [6]	0.009279	0.012681
	CD gasoline consumption (Rcda) unadjusted (gal) [1]	0	0
	CD fuel economy (Rcda), adjusted (MPGe) [4]	50.5126	50.8570
	CD gasol ne consumpt on ate (Rcda), adjusted (gal/100m) [4]	0.0000	0.0000
NEW	CD fuel economy (Rcda) unadjusted (MPGe) [4]	69.2123	72.2772
NEW	CD AC electricity consumption rate (Rcda) unadjusted (kW-hr/100mi) [3]	48.698	46.633
	GHG EMISSIONS VALUES	**CITY**	**HIGHWAY**
	CD CO2 em ss ons ate (Rcda), unadjusted (g/m) [1]	0.0	0.0
NEW	CD CO2 emissions rate (Rcda) adjusted (g/mi) [1]	0.0	0.0
NEW	CD ut l t zed CO2 (MDIUF, Rcdc), adjusted (g/m) [1]	40.7	71.6
	CD ut l t zed CREE (55/45 FUF, Rcdc), unadjusted (g/m) [1]	42.1	37.9
NEW	CD ut l t zed CREE (43/57 FUF, Rcdc), adjusted (g/m) [1]	51.5	43.3
	UTILITY FACTORS & OTHER METRICS	**CITY**	**HIGHWAY**
	CD 55/45 Fleet Ut l ty Facto (FUF) fo Rcdc [3]	0.426	0.240
	MDIUF based on adjusted Rcda [3]	0.240	0.234
	MDIUF based on adjusted Rcdc [3]	0.294	0.367
	Fraction of transition cycle that is charge-depleting operation (Zn) [3]	0.583	0.160
	Number of last cycle number with charge-depleting operation (transition cycle) [0]	2	2

Intermediate Results Requiring Charge-Sustaining (CS) Test Results or Other Inputs

	DRIVING DISTANCE VALUES	CITY	HIGHWAY
	CD Equivalent A l-Electric Range (EAER) Unadjusted (mi) [3]	11.807	11.901
	Charge-sustaining driving range adjusted (mi) [3]	289.859	356.254
	UTILITY FACTORS & OTHER METRICS	**CITY**	**HIGHWAY**
	CD 55/45 Fleet Utility Factor (FUF) for EAER [3]	0.356	0.142
	FUEL COSTS: PROCESS FOR DERIVING A COMPOSITE CD/CS COST PER MILE	**CITY**	**HIGHWAY**
	CD cost per m le - electricity ($/m) [3]	$ 0.086	$ 0.087
	CD cost per m le - gasoline ($/mi) [3]	$ -	$ -
	CD total cost per m le ($/m) [3]	$ 0.086	$ 0.087
	CS cost per mile ($/mi) [3]	$ 0.202	$ 0.164
	Composite CD/CS cost ($/m) [3]	$ 0.174	$ 0.146
	COMPOSITE CD/CS FUEL ECONOMY AND CO2 VALUES, ADJUSTED	**CITY**	**HIGHWAY**
	Composite CD/CS CO2 adjusted (g/mi) [1]	427.8	373.5
	Composite CD/CS Fuel Economy adjusted (MPG) [4]	18.825	22.3895

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/m) [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

	DRIVING DISTANCE VALUES	CITY	HIGHWAY
	CD d v ng d stance (Rcda), unadjusted (m les) [3]	0.000	0.000
	CD d v ng d stance (Rcda), adjusted (m les) [3]	0.000	0.000
	CD all-elect c d v ng d stance, unad usted (m les) [3]	0.000	0.000
	CD All-Elect c Range, adjusted (m) [3]	0.000	0.000
	FUEL CONSUMPTION & ECONOMY VALUES	**CITY**	**HIGHWAY**
NEW	CD AC elect c ty consumpt on (Rcdc), unadjusted (Watt-hou s) [1]	0.0	0.0
	CD AC elect c ty consumpt on ate (Rcda), adjusted (kW-h /100m) [3]	0.000	0.000
	CD test total DC ene gy consumed, unadjusted (Watt-hou s) [1]	0.0	0.0
NEW	CD Rcda total fuel consumpt on (Rcda), unadjusted (gal equ v) [4]	0.0000	0.0000
	CD ut l t zed total fuel consumpt on ate (55/45 FUF, Rcdc), unadjusted (gal-equ v/m le) [6]	0.000000	0.000000
NEW	CD ut l t zed total fuel consumpt on ate (43/57 FUF, Rcdc), adjusted (gal-equ v/m le) [6]	0.000000	0.000000
NEW	CD ut l t zed total fuel consumpt on ate (MD UF, Rcdc), adjusted (gal-equ v/m le) [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 gasol ne consumpt on ate (Rcda), adjusted (gal/100m) [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 em ss ons ate (Rcda), unadjusted (g/m) [1]	0.0	0.0
NEW	CD CO2 emissions rate (Rcda) adjusted (g/mi) [1]	0.0	0.0
NEW	CD ut l t zed CO2 (MDIUF, Rcdc), adjusted (g/m) [1]	0.0	0.0
	CD ut l t zed CREE (55/45 FUF, Rcdc), unadjusted (g/m) [1]	0.0	0.0
NEW	CD ut l t zed CREE (43/57 FUF, Rcdc), adjusted (g/m) [1]	0.0	0.0
	UTILITY FACTORS & OTHER METRICS	**CITY**	**HIGHWAY**
	CD 55/45 Fleet Ut l ty Facto (FUF) fo 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 A l-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 m le - electricity ($/m) [3]	$ -	$ -
	CD cost per m le - gasoline ($/mi) [3]	#VALUE!	#VALUE!
	CD total cost per m le ($/m) [3]	#VALUE!	#VALUE!
	CS cost per mile ($/mi) [3]	#VALUE!	#VALUE!
	Composite CD/CS cost ($/m) [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

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**

INTERMEDIATE CALCULATIONS AND INPUTS — Test Set #3: 0

Charge-Depleting (CD) Test Results

	DRIVING DISTANCE VALUES	CITY	HIGHWAY
	CD d v ng d stance (Rcda), unadjusted (m les) [3]	0.000	0.000
	CD d v ng d stance (Rcda), adjusted (m les) [3]	0.000	0.000
	CD all-elect c d v ng d stance, unad usted (m les) [3]	0.000	0.000
	CD All-Elect c Range, adjusted (m) [3]	0.000	0.000
	FUEL CONSUMPTION & ECONOMY VALUES	**CITY**	**HIGHWAY**
NEW	CD AC elect c ty consumpt on (Rcdc), unadjusted (Watt-hou s) [1]	0.0	0.0
	CD AC elect c ty consumpt on ate (Rcda), adjusted (kW-h /100m) [3]	0.000	0.000
	CD test total DC ene gy consumed, unadjusted (Watt-hou s) [1]	0.0	0.0
NEW	CD Rcda total fuel consumpt on (Rcda), unadjusted (gal equ v) [4]	0.0000	0.0000
	CD ut l t zed total fuel consumpt on ate (55/45 FUF, Rcdc), unadjusted (gal-equ v/m le) [6]	0.000000	0.000000
NEW	CD ut l t zed total fuel consumpt on ate (43/57 FUF, Rcdc), adjusted (gal-equ v/m le) [6]	0.000000	0.000000
NEW	CD ut l t zed total fuel consumpt on ate (MD UF, Rcdc), adjusted (gal-equ v/m le) [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 gasol ne consumpt on ate (Rcda), adjusted (gal/100m) [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