

**PRE-CAFE REPORT
FOR
2018 MODEL YEAR
OF
KIA MOTORS CORPORATION**

- Light Trucks -



NOTE : THIS REPORT CONTAINS [REDACTED] INFORMATION.

THE PRODUCTION VOLUME IS [REDACTED] INFORMATION
AND THIS INFORMATION IS DEEMED BY KMC TO BE EXEMPT
FROM DISCLOSURE UNDER 5 U.S.C. 552(B)(4) AND
49 U.S.C 32910(c).

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Note * : These sections contain [REDACTED] information

I. Introduction

As required by 49 CFR Part 537.9, estimated fuel economy values for Sportage AWD, Sportage FE AWD, Sorento AWD, Sorento FWD, Sorento AWD FE, Sedona, Sedona SX, Sedona SXL are included in this report.

The certification emission-data and fuel economy data of the above-mentioned vehicles used to get the following fuel economy values were tested in accordance with applicable exhaust emission test procedures and complied with applicable 2018 exhaust emission standards as defined 40 CFR §86.

II. Projected Average and Required Fuel Economy

1. Projected Average Fuel Economy

- LT : 27.5 MPG (without A/C efficiency & off-cycle credits)

- LT : 28.2 MPG (with A/C efficiency & off-cycle credits)

2. Projected Required Fuel Economy

- LT : 30.9 MPG

At this point in time and based on available best present information, the above projections represent the KIA MOTORS CORPORATION (KMC) average and required fuel economy for the 2018 model year for the purpose of the Act.

II. Projected Average and Required Fuel Economy

BUSINESS INFORMATION

- Projected Required Fuel Economy

Projected Required	30.9
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Model Type Description	Carline	Basic Engine (disp)	Drive	T/M class	Base Tire	Projected sales	Track width FR (inch)	Track width RR (inch)	Average Track width (inch)	Wheelbase (inch)	footprint (sqr feet)	Target standard	ETW	IWC
Sportage FE 2.4 AWD	Sportage FE AWD	2.4	AWD	SA6	225/60R17	12,297	63.5	64.0	63.8	105.1	46.6	33.60	3,875	4,000
	Sportage FE AWD	2.4	AWD	SA6	225/60R17	3,459	63.5	64.0	63.8	105.1	46.6	33.60	3,875	4,000
Sportage 2.4 AWD	Sportage AWD	2.4	AWD	SA6	225/55R18	7,974	63.5	64.0	63.8	105.1	46.6	33.60	3,875	4,000
	Sportage AWD	2.4	AWD	SA6	225/55R18	2,217	63.5	64.0	63.8	105.1	46.6	33.60	3,875	4,000
Sportage 2.0T AWD	Sportage AWD	2.0	AWD	SA6	245/45R19	4,052	63.3	63.8	63.6	105.1	46.4	33.72	4,000	4,000
Sorento 2.4 AWD	Sorento AWD	2.4	AWD	SA6	235/65R17	2,333	64.3	64.7	64.5	109.5	49.0	32.20	4,250	4,000
Sorento 2.4 FWD	Sorento FWD	2.4	FWD	SA6	235/65R17	9,760	64.3	64.7	64.5	109.5	49.0	32.20	4,000	4,000
	Sorento FWD	2.4	FWD	SA6	235/65R17	9,013	64.1	64.5	64.3	109.5	48.9	32.26	4,500	4,500
Sorento 3.3 FWD	Sorento FWD	3.3	FWD	SA6	235/65R17, 235/60R18	7,488	64.1	64.5	64.3	109.5	48.9	32.26	4,500	4,500
	Sorento FWD	3.3	FWD	SA6	235/65R19	9,495	64.1	64.5	64.3	109.5	48.9	32.26	4,500	4,500
Sorento 3.3 FE AWD	Sorento AWD FE	3.3	AWD	SA6	235/65R17, 235/60R18	8,657	64.1	64.5	64.3	109.5	48.9	32.26	4,750	4,500
Sorento 3.3 AWD	Sorento AWD	3.3	AWD	SA6	235/65R19	30,030	68.7	69.0	68.8	120.5	57.6	28.04	4,750	4,500
Sedona	Sedona	3.3	FWD	SA6	235/60R18	7,293	68.5	68.8	68.6	120.5	57.4	28.13	4,750	4,500
	Sedona SX	3.3	FWD	SA6	235/60R18	3,432	68.5	68.8	68.6	120.5	57.4	28.13	4,750	4,500
Sedona SXL	Sedona SXL	3.3	FWD	SA6	235/55R19	2,145	68.3	68.6	68.4	120.5	57.2	28.21	5,000	5,000

Projected Required	30.9
Total Sales Volume	119,645

$$CAFE_{required} = \frac{\sum_i PRODUCTION_i}{\sum_i TARGET_i}$$

III. Projected Average and Required Fuel Economy

BUSINESS INFORMATION

- Projected Average Fuel Economy (without A/C efficiency & off-cycle credits)

Projected Average **27.5**

Model Type Description	Carline	Basic Engine (disp)	Drive	T/M class	Base Tire	Projected sales	City_FE	Hwy_FE	Combined FE	IWC	Model Type Comb.FE	Model Type Vol
Sportage FE 2.4 AWD	Sportage FE AWD	2.4	AWD	SA6	225/60R17	12,297	26.2	35.1	29.5745	4,000	29.5	15,756
	Sportage FE AWD	2.4	AWD	SA6	225/60R17	3,459	25.8	35.0	29.2612	4,000		
Sportage 2.4 AWD	Sportage AWD	2.4	AWD	SA6	225/55R18	7,974	26.5	34.9	29.7188	4,000	29.8	10,191
	Sportage AWD	2.4	AWD	SA6	225/55R18	2,217	26.5	35.6	29.9445	4,000		
Sportage 2.0T AWD	Sportage AWD	2.0	AWD	SA6	245/45R19	4,052	24.9	35.1	28.6460	4,000	28.6	4,052
Sorento 2.4 AWD	Sorento AWD	2.4	AWD	SA6	235/65R17	2,333	26.0	35.6	29.5908	4,000	29.6	2,333
Sorento 2.4 FWD	Sorento FWD	2.4	FWD	SA6	235/65R17	9,760	26.8	40.4	31.5846	4,000	31.6	9,760
Sorento 3.3 FWD	Sorento FWD	3.3	FWD	SA6	235/65R17, 235/60R18	9,013	22.2	36.1	26.8527	4,500	26.7	16,501
	Sorento FWD	3.3	FWD	SA6	235/55R19	7,488	22.1	35.1	26.5200	4,500		
Sorento 3.3 FE AWD	Sorento AWD FE	3.3	AWD	SA6	235/65R17, 235/60R18	9,495	22.3	35.8	26.8575	4,500	26.9	9,495
Sorento 3.3 AWD	Sorento AWD	3.3	AWD	SA6	235/55R19	8,657	21.0	32.4	24.9505	4,500	25.0	8,657
Sedona	Sedona	3.3	FWD	SA6	235/65R17	30,030	22.3	33.9	26.3588	4,500	26.4	37,323
	Sedona	3.3	FWD	SA6	235/60R18	7,293	22.3	33.9	26.3588	4,500		
Sedona SX	Sedona SX	3.3	FWD	SA6	235/60R18	3,432	22.8	34.7	26.9606	4,500	27.0	3,432
Sedona SXL	Sedona SXL	3.3	FWD	SA6	235/55R19	2,145	20.7	31.2	24.3943	5,000	24.4	2,145

Average **27.5**

III. Vehicle Configuration Information

BUSINESS INFORMATION

Model Type Description	Chassis	Basic Engine (GPI)	Drive Type	TRM class	Base Tire	Engine code	LTV	ETW	Eng. Disp.	Net rated power(kW)	Net horsepower	Fuel system	Emission control system	TRM class	Number of forward speed	CO2	NV	Acft. rate	Combined FE	Proposed label ¹	Passenger carrying volume	Cargo carrying volume	Road load power at 50 mph	Safety at rest weight of items in GVW (kg)	Safety (G2.5D) (1-7)	Approach angle(20°)	Breakover angle(20°)	Departure angle(20°)	Rolling clearance (mm)	FRS# clearance (mm)	IVC
Springer FE 2.4 AWD	Springer FE AWD	2.4 AWD	LAW	25548217	GAZAC	3.20 1.875 2.4	161	150	200	161	218	200	TRAC	SAS	6	Yes	31.7	3.20	26.545	12.69	101.4	307	16.1	No	Yes(AV0)	Yes(20.0)	Yes(18.0)	Yes(24.0)	Yes(17.2)	Yes(24.124)	4.00
	Springer FE AWD	2.4 AWD	LAW	25548217	GAZAC	3.20 1.875 2.4	161	150	200	161	218	200	TRAC	SAS	6	Yes	31.1	3.20	26.263	12.69	101.4	307	16.1	No	Yes(AV0)	Yes(20.0)	Yes(18.0)	Yes(24.0)	Yes(17.2)	Yes(24.124)	4.00
	Springer FE AWD	2.4 AWD	LAW	25548218	GAZAC	3.20 1.875 2.4	161	150	200	161	218	200	TRAC	SAS	6	Yes	31.1	3.20	26.738	12.64	101.4	307	17.2	No	Yes(AV0)	Yes(20.0)	Yes(18.0)	Yes(24.0)	Yes(17.2)	Yes(24.124)	4.00
Springer 2.0T AWD	Springer AWD	2.0 AWD	LAW	25548216	GAZAC	3.17 1.875 2.4	161	150	200	161	218	200	TRAC	SAS	6	Yes	31.1	3.20	26.460	12.67	101.4	307	17.2	No	Yes(AV0)	Yes(20.0)	Yes(18.0)	Yes(24.0)	Yes(17.2)	Yes(24.124)	4.00
	Springer AWD	2.0 AWD	LAW	25548216	GAZAC	3.17 1.875 2.4	161	150	200	161	218	200	TRAC	SAS	6	Yes	31.1	3.20	26.460	12.67	101.4	307	17.2	No	Yes(AV0)	Yes(20.0)	Yes(18.0)	Yes(24.0)	Yes(17.2)	Yes(24.124)	4.00
	Springer AWD	2.0 AWD	LAW	25548218	GAZAC	3.17 1.875 2.4	161	150	200	161	218	200	TRAC	SAS	6	Yes	31.1	3.20	26.460	12.67	101.4	307	17.2	No	Yes(AV0)	Yes(20.0)	Yes(18.0)	Yes(24.0)	Yes(17.2)	Yes(24.124)	4.00
Sprawler 2.4 AWD	Sprawler AWD	2.4 AWD	LAW	25548217	GAZAC	4.12 1.250 2.4	138	160	200	138	185	200	TRAC	SAS	6	Yes	32.0	3.10	27.048	12.64	142.0	113	11.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
	Sprawler AWD	2.4 AWD	LAW	25548217	GAZAC	4.12 1.250 2.4	138	160	200	138	185	200	TRAC	SAS	6	Yes	32.0	3.10	27.048	12.64	142.0	113	11.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
	Sprawler AWD	2.4 AWD	LAW	25548218	GAZAC	4.12 1.250 2.4	138	160	200	138	185	200	TRAC	SAS	6	Yes	32.0	3.10	27.048	12.64	142.0	113	11.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
Sprawler 3.1T AWD	Sprawler AWD	3.1 AWD	LAW	25548217	GAZAC	4.26 1.000 3.1	216	200	200	216	290	200	TRAC	SAS	6	Yes	30.7	3.04	26.427	12.61	142.0	113	14.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
	Sprawler AWD	3.1 AWD	LAW	25548217	GAZAC	4.26 1.000 3.1	216	200	200	216	290	200	TRAC	SAS	6	Yes	30.7	3.04	26.427	12.61	142.0	113	14.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
	Sprawler AWD FE	3.1 AWD	LAW	25548217	GAZAC	4.26 1.000 3.1	216	200	200	216	290	200	TRAC	SAS	6	Yes	30.3	3.04	26.275	12.61	142.0	113	11.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
Sprawler 3.3 AWD	Sprawler AWD	3.3 AWD	LAW	25548216	GAZAC	4.12 1.750 3.3	216	200	200	216	290	200	TRAC	SAS	6	Yes	30.3	3.04	26.460	12.61	142.0	113	11.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
	Sprawler	3.3 AWD	LAW	25548216	GAZAC	4.12 1.750 3.3	216	200	200	216	290	200	TRAC	SAS	6	Yes	30.3	3.04	26.460	12.61	142.0	113	11.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
	Sprawler	3.3 AWD	LAW	25548218	GAZAC	4.12 1.750 3.3	216	200	200	216	290	200	TRAC	SAS	6	Yes	30.7	3.04	26.588	12.61	142.0	113	11.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
Sprawler 3.5	Sprawler 3.5	3.5 AWD	LAW	25548218	GAZAC	4.12 1.750 3.3	200	200	200	200	270	200	TRAC	SAS	6	Yes	30.2	3.04	26.460	12.61	142.0	113	11.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00
	Sprawler 3.5	3.5 AWD	LAW	25548219	GAZAC	4.12 1.750 3.3	200	200	200	200	270	200	TRAC	SAS	6	Yes	30.1	3.04	26.343	12.61	142.0	113	11.0	Yes	Yes(AV0)	Yes(18.0)	Yes(18.0)	Yes(20.0)	Yes(18.0)	Yes(22.020)	4.00

IV. A/C Efficiency Credits

BUSINESS INFORMATION

Model Type Description	Carline	Basic Engine (disp)	Drive	T/M class (Drive, type, gear)	Base Tire	Refrigerant	A/C Drive System	Projected sales	Reduc'd Reheat with variable displ compres-sor	Reduced Reheat with fixed displ or pneumatic compres-sor	Default to Recirc with feedback sensor	Default to Recirc without feedback sensor	Efficient Blower Motor Controls	Internal Heat Exchanger	Improved Condensor and/or Evaporator (requires EPA approval)	Oil Separator (requires EPA approval)	Total Menu-based Credits	A/C Efficiency Credit	VLM
									2.2 gpm	1.4 gpm	2.2 gpm	1.4 gpm	1.1 gpm	1.4 gpm	1.4 gpm	0.7 gpm	gpm	megagrams	
Sportage FE 2.4 AWD	Sportage FE AWD	2.4	AWD	SA6	225/60R17	R-1234yf	Belt Driven	12,297	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	14,998	225,865
	Sportage FE AWD	2.4	AWD	SA6	225/60R17	R-1234yf	Belt Driven	3,459	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	4,219	225,865
Sportage 2.4 AWD	Sportage AWD	2.4	AWD	SA6	225/55R18	R-1234yf	Belt Driven	7,974	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	9,726	225,865
	Sportage AWD	2.4	AWD	SA6	225/55R18	R-1234yf	Belt Driven	2,217	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	2,704	225,865
Sportage 2.0T AWD	Sportage AWD	2.0	AWD	SA6	245/45R19	R-1234yf	Belt Driven	4,052	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	4,942	225,865
Sorento 2.4 AWD	Sorento AWD	2.4	AWD	SA6	235/65R17	R-134a	Belt Driven	2,333	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	2,845	225,865
	Sorento AWD	2.4	AWD	SA6	235/65R17	R-134a	Belt Driven	9,760	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	11,904	225,865
Sorento 2.4 FWD	Sorento FWD	3.3	FWD	SA6	235/65R17	R-134a	Belt Driven	9,013	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	10,993	225,865
	Sorento FWD	3.3	FWD	SA6	235/55R19	R-134a	Belt Driven	7,488	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	9,133	225,865
Sorento 3.3 FE AWD	Sorento AWD FE	3.3	AWD	SA6	235/65R17, 235/60R18	R-134a	Belt Driven	9,495	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	11,581	225,865
	Sorento AWD	3.3	AWD	SA6	235/55R19	R-134a	Belt Driven	8,657	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	10,559	225,865
Sedona	Sedona	3.3	FWD	SA6	235/65R17	R-134a	Belt Driven	30,030	2.2	0.0	0.0	0.0	0.0	1.4	0.0	0.7	4.3	29,166	225,865
	Sedona	3.3	FWD	SA6	235/60R18	R-134a	Belt Driven	7,293	2.2	0.0	0.0	0.0	0.0	1.4	0.0	0.7	4.3	7,083	225,865
Sedona SX	Sedona SX	3.3	FWD	SA6	235/60R18	R-134a	Belt Driven	3,432	2.2	0.0	0.0	0.0	0.0	1.4	0.0	0.7	4.3	3,333	225,865
Sedona SXL	Sedona SXL	3.3	FWD	SA6	235/55R19	R-134a	Belt Driven	2,145	2.2	0.0	0.0	0.0	0.0	1.4	0.0	0.7	4.3	2,083	225,865

ACCredit	135,269
Car volume	119,645
FCIV _{acc} (Gal/mi)	0.000563248

VLM	225,865
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$$FCIV_M (\text{gal/mi}) = \frac{(ACCredit \times 1,000,000)}{(VLM \times Production \times 8887)}$$

V. Off-cycle Credits

BUSINESS INFORMATION

Model Type Description	Carline	Basic Engine (disp)	Drive	17M class (Drive, type)	Base Tire	Description	Projected sales	Off-cycle benefit per vehicle		VLM
								gpm	megagrams	
Sportage FE 2.4 AWD	Sportage FE AWD	2.4	AWD	SA6	225/60R17	Lamp 0.1 (Parking/position), Glazing 1.1	15,756	1.2	4,270	225,865
Sportage 2.4 AWD	Sportage AWD	2.4	AWD	SA6	225/55R18	Lamp 0.1 (Parking/position), Glazing 1.1	3,352	1.2	909	225,865
	Sportage AWD	2.4	AWD	SA6	225/55R18	Lamp 0.1 (Parking/position), Active seat ventilation 1.3 Glazing 1.1	6,839	2.5	3,862	225,865
Sportage 2.0T AWD	Sportage AWD	2.0	AWD	SA6	245/45R19	Lamp 0.06, Active Seat Ventilation 1.3, Glazing 1.1	4,052	2.5	2,298	225,865
Sorento 2.4 AWD	Sorento AWD	2.4	AWD	SA6	235/65R17	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.2	2,333	4.5	2,371	225,865
Sorento 2.4 FWD	Sorento FWD	2.4	FWD	SA6	235/65R17	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.2	9,760	4.5	9,920	225,865
Sorento 3.3 FWD	Sorento FWD	3.3	FWD	SA6	235/65R17	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.2	3,120	4.5	3,171	225,865
	Sorento FWD	3.3	FWD	SA6	235/60R18	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.2	4,421	4.5	4,493	225,865
	Sorento FWD	3.3	FWD	SA6	235/60R18	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.1	1,472	4.4	1,463	225,865
	Sorento FWD	3.3	FWD	SA6	235/55R19	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.1	5,041	4.4	5,010	225,865
	Sorento FWD	3.3	FWD	SA6	235/55R19	Lamp 0.06 (Side marker front), ATF warmer 3.2, Active seat ventilation 1.3, Glazing 1.1	2,447	5.7	3,150	225,865
Sorento 3.3 FE AWD	Sorento AWD FE	3.3	AWD	SA6	235/65R17	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.2	4,817	4.5	4,896	225,865
	Sorento AWD FE	3.3	AWD	SA6	235/60R18	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.2	3,682	4.5	3,742	225,865
	Sorento AWD FE	3.3	AWD	SA6	235/60R18	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.1	996	4.4	990	225,865
Sorento 3.3 AWD	Sorento AWD	3.3	AWD	SA6	235/55R19	Lamp 0.06 (Side marker front), ATF warmer 3.2, Glazing 1.1	5,226	4.4	5,194	225,865
	Sorento AWD	3.3	AWD	SA6	235/55R19	Lamp 0.06 (Side marker front), ATF warmer 3.2, Active seat ventilation 1.3, Glazing 1.1	3,431	5.7	4,417	225,865
Sedona	Sedona	3.3	FWD	SA6	235/65R17	No credits are generated from these vehicles	3,196	0.0	0	225,865
	Sedona	3.3	FWD	SA6	235/65R17	Glazing 1.8	26,834	1.8	10,910	225,865
	Sedona	3.3	FWD	SA6	235/60R18	Glazing 1.9	7,263	1.9	3,117	225,865
	Sedona	3.3	FWD	SA6	235/60R18	Lamp 0.06 (Side marker rear), Glazing 1.9	30	2.0	14	225,865
Sedona SX	Sedona SX	3.3	FWD	SA6	235/60R18	Lamp 0.06 (Side marker rear), Active seat ventilation 1.3, Glazing 1.9	2,451	3.3	1,827	225,865
	Sedona SX	3.3	FWD	SA6	235/60R18	Lamp 0.12 (Side marker front/rear), Active seat ventilation 1.3, Glazing 1.9	981	3.3	731	225,865
Sedona SXL	Sedona SXL	3.3	FWD	SA6	235/55R19	Lamp 0.06 (Side marker rear), Active seat ventilation 1.3, Glazing 1.6	713	3.0	493	225,865
	Sedona SXL	3.3	FWD	SA6	235/55R19	Lamp 0.12 (Side marker front/rear), Active seat ventilation 1.3, Glazing 1.6	817	3.0	554	225,865
Sedona SXL	Sedona SXL	3.3	FWD	SA6	235/55R19	Lamp 0.12 (Side marker front/rear), Active seat ventilation 1.3, Glazing 1.9	615	3.3	458	225,865

OCCredit	78,240
Car volume	119,645
FCIV _{oc} (Gal/mi)	0.000325784

VLM 225,865

$$FCIV_{oc} \text{ (gal/mi)} = \frac{(OCCredit \times 1,000,000)}{(VLM \times Production \times 8887)}$$

VI. Projected Average Fuel Economy Adjustment

Average MPG	28.2
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P4	MPG	27.5
P6	FCIV _{AC} (Gal/mi)	0.000563248
P7	FCIV _{OC} (Gal/mi)	0.000325784
N/A	FCIV _{PU} (Gal/mi)	0

$$\text{Average MPG} = \frac{1}{\left[\frac{1}{\text{MPG}} - (\text{FCIV}_{AC} + \text{FCIV}_{OC} + \text{FCIV}_{PU}) \right]}$$