



United States  
Environmental Protection  
Agency

2026 Generic Electric Vehicle (EV) Label  
Calculator

OMB Control #  
2060-0104

Expires MM/DD/YYYY

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The purpose of this form is to assist manufacturers in calculating fuel economy (FE) label values for the electric vehicles (EVs) they produce. The form may also be used to share information with the U.S. Environmental Protection Agency (EPA) to assist in review of fuel economy data under 40 CFR 600.312-08(a). The completed form should be emailed to the staff responsible for fuel economy label data, currently Hannah Frame (frame.hannah@epa.gov) and Joshua Kimball (kimball.joshua@epa.gov).

**Instructions for Completing This Form**

For a simple EV label, please use the second tab, "EV Calculations (Calcs)." If voluntary adjustment of label values under 40 CFR 600.210-12(a) is intended, please use the third tab, "EV Calcs - Voluntarily Adjusted." Please note neither tab of this form is intended to calculate label fuel economy values for vehicles with multiple base levels. Please see 40 CFR 600.209-12 for more information on calculating the FE label values for a model type. Further instructions for completing the form may be found on the next two tabs.

**Authorities and References**

[40 CFR 600.002 "Gasoline gallon equivalent" definition](#)

[40 CFR 600.210-12\(c\)\(1\)\(iii\)](#)

[40 CFR 600.311-12\(e\)](#)

[40 CFR 600.113-12\(n\)](#)

[40 CFR 1065.20](#)

[40 CFR 1065.20\(e\)\(5\)](#)

[IACD-2025-03 \(Revised\)](#)

[SAE J1634 \(July 2017\)](#)

[www.fueleconomy.gov](#)

**Form #**

PFN-3420-3

## Model Year (MY) 26 Fuel Economy (FE) Label Miles Per Gallon (MPG) Calculations For Electric Vehicles

This sheet is designed to be able use "Set Precision As Displayed" to reduce floating point errors if needed, at the cost of calculation accuracy (minimal here due to most calculation paths being short). If you are getting errors, try this setting.

Please Enter:

Model Year: 2026  
 Manufacturer Name: xxxxxxxx  
 Model Name: yyyyymm  
 Test Date: xx/yy/2025

Values in Yellow fill are used on FE Labels (window stickers)

H. Frame

2025-09-22

I(a). Enter the EPA approved 5-cycle Adjustment Factor per SAE J1634 (July 2017): **0.7200400000** Use at least six significant digits when transmitting this intermediate value  
 (Enter 0.70 if not using the SAE J1634 5-cycle method)

See 40 CFR 1065.20 for more information on rounding and precision

## I. Calculate Electric vehicle FE Label city, Highway (Hwy), Combined FE values using the SAE J1634 5-cycle Adjustment Factor or the 0.7 Adjustment Factor:

I(b). Enter unrounded, unadjusted AC Wh/mi Values (in grey shaded text blocks) as determined from SAE J1634:

\*Use at least six significant digits when transmitting these intermediate values, as prescribed by 40 CFR 1065.20

----Unadjusted Values----			
	City	Highway	Combined
Vehicle FE unadjusted W-hr/mi*	<b>173.3216459982</b>	<b>204.3266006051</b>	186.0241089497 W-hr/ mi
Vehicle FE converted to Miles Per Gallon equivalent (MPGe)	194.4650352579	164.9564956309	181.1861924258 MPGe

City	Hwy	Combined	Units
140.0226039871	118.7752751141	130.4613059943 MPGe (5-cycle method, unrounded, adjusted)	
24.0711135490	28.3771180219	25.8352465071 kW-hr/100 mi (5-cycle method, unrounded, adjusted)	

## 2026MY Label Values:

<b>140</b>	<b>119</b>	<b>130</b>	Rounded MPGe Using SAE J1634 (5-cycle) or 0.7 Adjustment Factor:
<b>24</b>	<b>28</b>	<b>26</b>	Rounded kW-hr/100 mi Using SAE J1634 (5-cycle) or 0.7 Adjustment Factor:

## II. Calculate the adjusted electric vehicle driving ranges using the SAE J1634 5-cycle Adjustment Factor or the 0.7 Adjustment Factor:

II(a). Enter unrounded, unadjusted City &amp; Hwy Range Values in miles (in red text blocks) as determined from SAE J1634:

\*Use at least six significant digits when transmitting these intermediate values, as prescribed by 40 CFR 1065.20

City Range	Hwy Range	Combined Range	Range	Units	Method:
380.737486322	322.9603967597	354.7357402896	<b>355</b>	miles	Unadjusted (SAE J1634)
274.1435283652	232.5444040829	255.4239224381	<b>255</b>	miles	(Adjusted driving range using 5-cycle or 0.7 Adjustment Factor)

## III. Calculate Electric vehicle annual fuel cost and 5-year savings, per 40 CFR 600.311-12(e)

III(a). Enter Average 2026MY 5-year Fuel Cost: **\$8.500** (Whole number)  
 III(b). Enter 2026MY U.S. average electricity cost: **\$0.17** (2 decimal places)  
 (from IACD-2025-03 (Revised) for 2026 model year)

Petroleum Equivalency Factor for FE Labels; ref. 40 CFR 600.002 "Gasoline gallon equivalent" definition	
33,705 watt-hr/gallon	

Model Year 2026 Rating Scale For Fuel Economy		
Fuel Economy Rating	Lower Bound (MPG)	Upper Bound (MPG)
10	121	999
9	67	120
8	47	66
7	36	46
6	29	35
5	23	28
4	19	22
3	16	18
2	14	15
1	0	13

These ratings are from IACD-2025-03 (Revised)

Annual Miles	Cost	Units	Unrounded	Method	2026 Label	2026 Label
15,000	\$0.17	per kw-hr	<b>\$658.80</b>	(Using SAE J1634 5-cycle or 0.7 Adjustment Factor)	<b>\$650.00</b>	Rounded Annual Fuel Cost**

\*Note: Annual fuel costs should be rounded to the nearest \$50 using the method prescribed by 40 CFR 1065.20(e)(5).

\*\*Note: These values are used on the window stickers.  
 (They may be different from the www.fueleconomy.gov values, because www.fueleconomy.gov uses a floating fuel cost).

2026 Label Fuel Economy Rating	2026 Label Greenhouse Gas Rating
<b>10</b>	<b>10</b>

\*\*Greenhouse Gas Rating label values are 10 for all fully electric vehicles, as tailpipe CO2 emissions for EVs are defined to be zero by 40 CFR 600.113-12(n)

## MY26 FE Label MPG Calculations For Electric Vehicles with Voluntarily Adjusted Label Values

This sheet is designed to be able use "Set Precision As Displayed" to reduce floating point errors if needed, at the cost of calculation accuracy (minimal here due to most calculation)

Please Enter:

Model Year:	2026
Manufacturer Name:	xxxxxxx
Model Name:	yyyyyyyy
Test Date:	xx/yy/2025

Values in Blue fill are used on FE Labels (window stickers)

H. Frame 2025-09-22

I(a). Enter the EPA approved 5-cycle Adjustment Factor per SAE J1634 (July 2017):  Use at least six significant digits when transmitting this intermediate value  
 (Enter 0.70 if not using the SAE J1634 5-cycle method)

See 40 CFR 1065.20 for more information on rounding and precision

## I. Calculate Electric vehicle FE Label city, Hwy, Combined FE values using the SAE J1634 5-cycle Adjustment Factor or the 0.7 Adjustment Factor:

I(b). Enter unrounded, unadjusted AC Wh/mi Values (in grey shaded text blocks) as determined from SAE J1634:  
 \*Use at least six significant digits when transmitting these intermediate values, as prescribed by 40 CFR 1065.20

----Unadjusted Values----

	City	Highway	Combined	Units
Vehicle FE	unadjusted W-hr/mi*	<b>173.3216459982</b>	<b>204.3266006051</b>	186.0241089497 W-hr/ mi
Vehicle FE converted to MPGe	194.4650352579	164.9564956309	181.1861924258	MPGe

City	Hwy	Combined	Units
140.0226039871	118.7752751141	130.4613059943	MPGe (5-cycle method, unrounded, adjusted)
24.0711135490	28.3771180219	25.8352465071	kW-hr/100 mi (5-cycle method, unrounded, adjusted)

2026MY Label Values:

140	119	130	Rounded MPGe Using SAE J1634 (5-cycle) or 0.7 Adjustment Factor:
24	28	26	Rounded kW-hr/100 mi Using SAE J1634 (5-cycle) or 0.7 Adjustment Factor:
129	109	120	Enter only voluntarily reduced combined MPG (or leave blank); (other values are automatically calculated)

Voluntarily Reduced MPGe values shown on Label -----&gt;

128.7946058059 109.2510373483 - Unrounded adjusted voluntarily lowered city/hwy MPGe values (for reference only)

26.1695742528 30.8509656458 28.0875000000 Unrounded adjusted voluntarily raised kW-hr/100 mi energy consumption values (for reference only)

Voluntarily Increased kW-hr/100 mi values -----> **26** **31** **28**

## II. Calculate the adjusted electric vehicle driving ranges using the SAE J1634 5-cycle Adjustment Factor or the 0.7 Adjustment Factor:

II(a). Enter unrounded, unadjusted City & Hwy Range Values in miles (in grey shaded text blocks) as determined from SAE J1634:  
 \*Use at least six significant digits when transmitting these intermediate values, as prescribed by 40 CFR 1065.20

City Range	Hwy Range	Combined Range	Range	Units	Method:
380.7337486322	322.9603967597	354.7357402896	355	miles	Unadjusted (SAE J1634)
274.1435283652	232.5440404029	255.4239224381	255	miles	(Adjusted driving range using 5-cycle or 0.7 Adjustment Factor)
241	205	225	225	miles	<----- II(b). Enter Voluntary Reduced (Combined) Range Value shown on label

## III. Calculate Electric vehicle annual fuel cost and 5-year savings, per 40 CFR 600.311-12(e)

III(a). Enter Average 2026MY 5-year Fuel Cost: **\$8,500** (Whole number)  
 III(b). Enter 2026MY U.S. average electricity cost: **\$0.17** (2 decimal places)  
 (from IACD-2025-03 (Revised) for 2026 model year)

Calculate voluntarily raised, adjusted, combined miles per kW-hr: 3.5714285714  
 ... and round to the nearest 0.001 (see 40 CFR 600.210-12(c)(1)(iii)): 3.571

2026 Label

2026 Label

Rounded Annual Fuel Cost\*\*

\$700

\$5,000

Petroleum Equivalency Factor for FE Labels;  
 ref. 40 CFR 600.002 "Gasoline gallon equivalent" definition  
 33,705 watt-hr/gallon

Annual Miles	Cost	Units	Annual Fuel Cost*	Method
15,000	\$0.17	per kw-hr	<b>\$714.00</b>	(Using SAE J1634 5-cycle or 0.7 Adjustment Factor)

\*Note: Annual fuel costs should be rounded to the nearest \$50 using the method prescribed by 40 CFR 1065.20(e)(5).

\*\*Note: These values are used on the window stickers.  
 (They may be different from the www.fueleconomy.gov values,  
 because www.fueleconomy.gov uses a floating fuel cost).

Model Year 2026 Rating Scale For Fuel Economy		
Fuel Economy Rating	Lower Bound (MPG)	Upper Bound (MPG)
10	121	999
9	67	120
8	47	66
7	36	46
6	29	35
5	23	28
4	19	22
3	16	18
2	14	15
1	0	13

These ratings are from IACD-2025-03 (Revised)

2026 Label  
 Fuel Economy Rating **9**  
 2026 Label  
 Greenhouse Gas Rating **10**

\*\*Greenhouse Gas Rating label values are 10 for all fully electric vehicles, as tailpipe CO2 emissions for EVs are defined to be zero by 40 CFR 600.113-12(n)