



December 1st, 2016

The Honorable Mark R. Rosekind
Administrator
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
Washington D.C. 20590

Subject: Tesla Motors, Inc. 2017 Pre-Model Year Fuel Economy Report

Dear Mr. Friedman:

Tesla Motors, Inc. (“Tesla” or the “Company”) respectfully submits the following mid-year report pursuant to 49 C.F.R. Part 537, Automotive Fuel Economy Reports. This report details the projected average fuel economy figures and technical information for the 2017 Model Year (“MY”) Tesla Vehicles pursuant to 49 CFR Part 537, Automotive Fuel Economy Reports. Tesla Motors Inc. will have the following variants of the 2017 MY vehicles and are all zero-emissions battery electric passenger vehicles, , available for sale in the USA.

Model Type		Model S						
Configuration	60R	60D	75R	75D	90D	P90D	P100D	100D

Model Type	Model X				
Configuration	60D	75D	90D	P100D	100D

Model Type	Model 3				
Configuration	E1R	E1D	E3R	E3D	E3DP

§537.7(b): Projected average and required fuel economy. The projected average fuel economy for all 2017 MY Tesla Model S, Model X and Model 3 variants is Equivalent to **367.4 miles per gallon** (“mpg”). The figure is determined from energy-use data recorded during electric vehicle range testing in accordance with 40 CFR §86.1770-99 and 13 CCR §1962(e) for all-electric vehicles. Energy-use data recorded during testing is calculated pursuant to the petroleum-equivalent fuel economy equation

contained within 10 CFR § 474.3—Electric and Hybrid Vehicle Research, Development, And Demonstration Program; Petroleum-Equivalent Fuel Economy Calculation.

§537.7(b)(3)(i)(E): Target Average Fuel Economy. Pursuant to requirements of 49 CFR §531.5, the model type configuration, target average fuel economy, and sales volumes for the 2017 MY Model S, X and 3 vehicles are as shown below.

Model Type	Model S							
Target Fuel Economy	32.3							
Combined Fuel Economy	324.65	340.96	324.65	340.96	349.71	328.31	322.92	329.68
Configuration	75R	75D	60R	60D	90D	P90D	P100D	100D
Projected sales	[1399]	[2198]	[4765]	[2797]	[2997]	[100]	[2797]	[2997]

Model Type	Model X				
Target Fuel Economy	31.6				
Combined Fuel Economy	307.09	308.75	305.52	286.09	294.36
Configuration	60D	75D	90D	P100D	100D
Projected sales	[400]	[12190]	[5387]	[5300]	[5387]

Model Type, Configuration Fuel Economy (537.7 (c)(1) & (2))					
Model Type	Model 3				
Target Fuel Economy	35.0				
Combined Fuel Economy	445.99	432.27	451.095	409.3	425.95
Configuration	E1R	E1D	E3R	E3D	E3DP
Projected sales	[12500]	[12500]	[12500]	[7500]	[5000]

Mark Rosekind, Administrator

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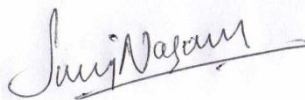
§ 537.7(5): Sufficiency of Fuel Economy Projection. For purposes of the Motor Vehicle Information and Cost Savings Act (Pub. L. 92-513), as amended by the Energy Policy and Conservation Act (Pub. L. 94-163), and 49 CFR § 537.7(a)(5), the above stated Fuel Economy projection sufficiently represents the average fuel economy for the 2017 MY.

§ 537.7(c): Model type and configuration fuel economy and technical information. Please refer to attached excel spreadsheet for Model Type, Configuration Fuel Economy, and Technical Information required by §537.7(c).

* * *

If you have any questions regarding this report, please feel free to contact me at (510) 249-8749 or snagaraj@teslamotors.com.

Sincerely,

A handwritten signature in black ink that reads "Suraj Nagaraj". The signature is written in a cursive style and is underlined.

Suraj Nagaraj
Director – Vehicle Homologation
Tesla Motors Inc.

CC – Charity Allen, Legal Counsel- Regulatory Affairs