

WELLINGTON PUBLIC SAFETY COMMITTEE MEETING
ELECTRIC VEHICLE FIRES - PALM BEACH COUNTY FIRE RESCUE
SEPT 13, 2023



EXCELLENCE TODAY



IMPROVING TOMORROW



EV FIRES PRESENT CHALLENGE TO

- WE DO NOT
EFFICIENTLY
- EV FIRES CA
FROM 6000-80
WATER TO PR
- TRADITIONAL
VEHICLES CA
MORE MANPO
(INTERNAL C
- STRANDED
RUNAWAY PO
FIRES

EXCELLENCE TODAY



IMPROVING T

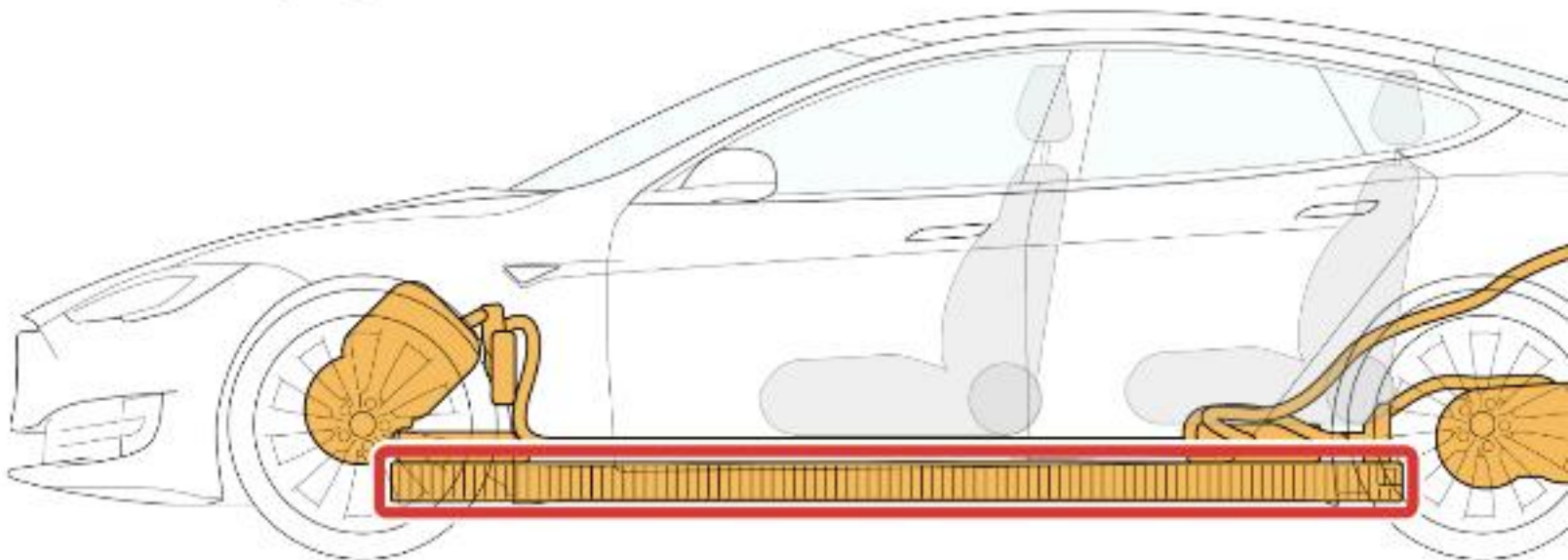


HIGH VOLTAGE BATTERY

HIGH VOLTAGE BATTERY

Model S is equipped with a floor-mounted 400 volt lithium-ion high voltage battery. Never breach the high voltage from under the vehicle. When using rescue tools, pay special attention to ensure that you do not breach the floor [the Vehicle](#) on page 24 for instructions on how to properly lift the vehicle.

NOTE: The following image shows a Dual Motor vehicle. Vehicles without a front drive unit are similar.





STRANDED ENERGY ELECTRIC VEHICLE

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**GALLONS OF WATER
IN EV FIRES:**

- 6000-8000 TONS OF WATER
(ENVIRONMENTAL DAMAGE)
- 100-500 WATERS
CONTAINED TO THE AREA
- REDUCTION IN WATER
TO ENVIRONMENTAL
ISSUES USING NEW

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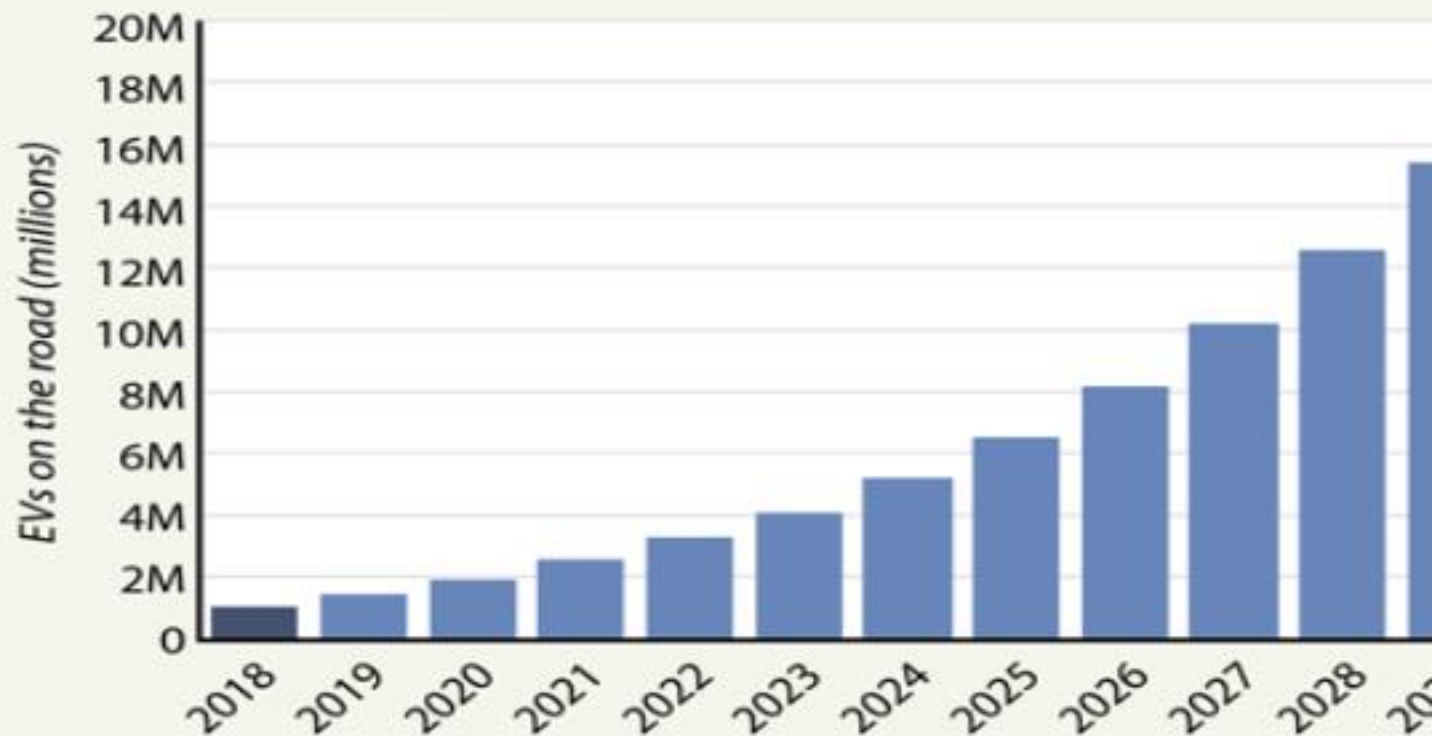
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EVs on the U.S. Roads

Edison Electric Institute, which represents U.S. power utilities, projects a significant increase in the number of electric vehicles on the road over the next 12 years. Other analysts expect an even faster rise.

ELECTRIC VEHICLES FORECAST FOR U.S.

2018 projected to 2030



SOURCE: Edison Electric Institute

PAUL HORN / InsideC

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