

Last Week In Innovative Mobility

March 25 - 31 2024



AUTOMATED VEHICLES

New York City, New York announces a new permitting system for automated vehicle (AV) testing within the city. AV companies are required to have tested AVs in other cities, provide data on previous testing deployments, and have a safety driver in every vehicle. In addition, data from the AV testing will become available on the New York City Department of Transportation Open Data database.



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AUTOMATED VEHICLES

Tesla begins referring to their advanced driver assistance system (ADAS) as “Supervised Full Self-Driving.” Based on the SAE International levels of automation, the Tesla ADAS system is ranked as a level 2 system. This is due to the requirement that the driver must supervise the system, unlike levels 4 and 5, which do not require the driver to pay attention or intervene.



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ELECTRIC VEHICLES

New Jersey passes a bill instituting a new \$250 annual registration fee for electric vehicle (EV) owners beginning July 1, 2024. The EV registration fee will increase by \$10 every year until July 2028 when the fee is capped at \$290. The money generated by this fee will go to the same state fund as the state gas taxes to support transportation infrastructure throughout the state.



Hal Brown/New Jersey Monitor

TRANSPORTATION EMISSIONS

The Environmental Protection Agency announces new rules for heavy duty vehicle (HDV) emissions. It is expected that the new rules will prevent one billion tons of carbon emissions and benefit the air quality of those who live near trucking routes. The new rules apply to HDV model years 2027 through 2032 and do not require HDV manufacturers to use a specific type of vehicle technology.



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TRANSPORTATION PRICING

The Metropolitan Transportation Authority (MTA) in New York approves the congestion pricing plan for drivers entering New York City. The plan is expected to begin during June 2024 with passenger vehicles being charged \$15 upon entry to the congestion relief zone. Discounts are provided to drivers at night (\$3.75), taxi drivers (\$1.25), ridehailing drivers (\$2.50), and low-income drivers can receive a 50% discount.



Luiz C. Ribeiro/NYDaily News/Getty Images

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Innovative Mobility Research (IMR) focuses on the future of mobility and is based at the Transportation Sustainability Research Center at the University of California, Berkeley

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