

Last Week In Innovative Mobility

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ELECTRIC VEHICLE POLICY

Wyoming wants to phase out electric vehicle (EV) sales by 2035 to “ensure the stability” of the oil and gas industry. The bill, SJ0004, argues that oil and gas production is one of the state’s valued industries, Wyoming lacks adequate EV charging infrastructure, and EV batteries are difficult to dispose of/recycle. In 2021, Wyoming ranked eighth nationally in crude oil production with 85.43 million barrels of crude oil.



Tesla Asia/Twitter

ELECTRIC VEHICLES

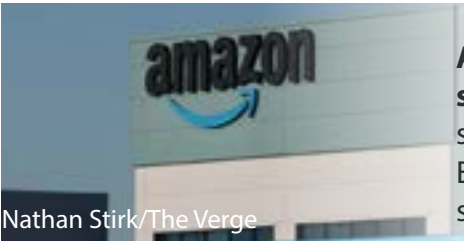
Tesla’s price cuts may alter the EV market. Tesla has implemented price reductions on its vehicles, up to 30% including EV tax credits. This price reduction may begin an EV price war, even as companies struggle to source EV materials.



The Verge

GOODS DELIVERY

Amazon launches Buy with Prime, a service that brings Amazon Prime service to third-party sites, in the US. Buy with Prime provides customers with service similar to Amazon Prime including fast, free delivery and easier returns. Early findings show that Buy with Prime has increased the conversion from shoppers to buyers by an average of 25%.



Nathan Stirk/The Verge

NATIONAL DECARBONIZATION

Federal agencies publish the U.S. National Blueprint for Transportation Decarbonization to reduce domestic greenhouse gas emissions. The blueprint focuses on three approaches: 1) increasing transportation convenience, 2) improving transportation efficiency, and 3) transitioning to clean transportation options. The blueprint timeline is separated into three segments: now to 2030, 2030 to 2040, and 2040 to 2050.



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VIRTUAL POWER PLANTS

General Motors, Ford, and Google partner to create virtual power plants. Virtual power plants pool together decentralized energy resources (e.g., EVs) that are controlled by smart thermostats. With customer permission, the power plants can use software to react to electricity shortages (e.g., switching off EV batteries), potentially reducing U.S. peak electricity demand by 60 gigawatts.



Aly Song/REUTERS

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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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