

MOTION

On September 23rd, Governor Gavin Newsom issued an executive order calling for all vehicles sold in California to be zero emissions by 2035.

This executive order has implications both for the city's power supply and equity. A study conducted by McKinsey and Company in 2018 found that electric vehicles could shift power demand to the evenings when they are being charged. Zero emissions vehicles also tend to be concentrated in certain zip codes, which can add pressure to the power grid.

Without proper preparation, this executive order could impact equity and environmental justice. Studies have shown that for low-income populations zero emissions vehicles are often inaccessible. Many people are either unable to afford these vehicles or live in situations where it is difficult to set up charging stations. However, increased usage of electrical vehicles could result in polluting power infrastructure being placed in low-income communities.

I THEREFORE MOVE that the Department of Water and Power report back on a plan for preparing the city's power supply for the transition to zero emission vehicles by 2035. This should include upgrades to infrastructure and any other preparations that are needed to adapt to this executive order.

I FURTHER MOVE that this report evaluate the equity and environmental justice implications of this executive order. This should include how the environmental burden to accommodate this order affects disadvantaged neighborhoods. The report should also study how this order will impact the mobility options of low-income residents.

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SECONDED BY: 

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