

Environmental

Advocates

NY

EANY SUPPORTS

EV-Capable Parking Spaces



Memo #30

[S.7406-C \(Krueger, et al.\)](#)

[A.3179-D \(Fahy, et al.\)](#)

Explanation:

This legislation requires that electric vehicle charging infrastructure be incorporated into residential and commercial new construction projects with dedicated off-street parking, as well as renovation projects with driveways, garages, or parking lots.

Not only does New York have the most aggressive climate change law in the nation, the Climate Leadership and Community Protection Act (CLCPA), the state has also mandated that all new vehicles sold in the state must be electric by 2035. The next step must be to ensure that new infrastructure, including parking infrastructure, be compatible with this electric vehicle future.

The most convenient, reliable, and cost-effective way to charge an EV is when it's parked at home or work. For those who live in multi-dwelling units – approximately 24% of New Yorkers – a shared station for use by building residents make EVs a more appealing and feasible option. According to the U.S. Department of Energy, [more than 80%](#) of EV charging load (and as much as 93% under some scenarios) happen at home, mostly in the evening. The rest is divided between public charging and workplace charging.

By requiring more EV-capable and ready charging stations across our new building stock we are making it easier for building and garage owners to meet the needs of those they serve and making it more convenient to own an EV.

Summary:

This bill would amend the executive law, requiring electric vehicle charging stations and electric vehicle compatible parking spaces. This bill requires electric vehicle charging stations and electric vehicle-capable parking spaces to be incorporated into new construction or significantly rehabilitated buildings. The number of EV-capable parking spaces required depends on the type of parking, whether the associated building is residential or commercial, and if residential, how many families dwell within it.