



## Memorandum of Support

### S.1736-A (Krueger)/ A.3780 (Fahy)\*

(\*not currently same as)

**Purpose:** This bill would require electric vehicle charging stations and level 2 electric vehicle capable parking spaces in new residential and commercial buildings.

**Statement in Support:** The 2019 Climate Leadership and Community Protection Act (CLCPA) sets ambitious goals to combat climate change. As the transportation sector accounts for nearly a third of New York's greenhouse gas emissions, we must transition away from gas-powered combustion engines to electric vehicles (EVs) to keep ahead of the worst effects of climate change. To this end, New York State mandated in 2021 that new vehicles be all-electric by 2035.

For this policy to be successful, EV charging infrastructure must be adequately available. As the number of EVs on the road increases, the need for charging stations increases correspondingly. S.1736-A/A.3780 would align New York's construction and building code policy with state climate policy by requiring EV charging stations and level 2 EV capable parking spaces in new construction of off-street garages, driveways and parking lots in residential and commercial buildings. "Level 2 EV capable parking spaces" means spaces that have appropriate wiring, panels and installation space to install level 2 charging stations in the future.

The cost to install this infrastructure after the construction of parking spaces is significantly higher than when the electric lines are included in the initial construction. This bill mandates that new construction of one, two or three-family homes with off-street parking must have at least one level 2 EV capable parking space. Multi-unit residential buildings with one to ten parking spaces must have at least 75% of available parking spaces be level 2 EV capable, with at least 20% of spaces equipped with EV charging stations of any level. Multi-family homes with at least eleven dedicated off-street parking spaces will have 100% level 2 EV capable spaces, including at least 40% of spaces with charging stations of any level.

Similarly, commercial buildings with one to ten parking spaces must have 100% of them be level 2 EV capable spaces, with at least 20% equipped with level 2 EV charging stations or direct current fast charging stations. Commercial buildings with at least 11 parking spaces will have 100% EV capable spaces, including at least 40% as level 2 EV charging stations or direct current fast charging stations. S.1736-A/A.3780 would consider the installation of one direct current fast charger to

be equal to five level 2 EV charging stations, and it includes a waiver possibility if these requirements present undue hardship for certain reasons.

Sierra Club Atlantic Chapter supports S.1736-A/A.3780 as a commonsense way to move New York in the right direction towards decarbonization. Including EV charging capability during construction of parking facilities is an inexpensive way to set our communities up for future charging equipment as it becomes needed and ensures some charging stations are available immediately to encourage the adoption of EVs.

**Sierra Club Atlantic Chapter Urges Your Support of S.1736-A/A.3780.**