A.8143-A (Fahy)/S.7176 (Parker)
(*not currently same as)

**PURPOSE:** Establishes the "Advanced Building Codes, Appliance and Equipment Efficiency Standards Act of 2021" to encourage conservation of energy and to promote New York State’s clean energy and climate agenda, including but not limited to greenhouse gas reduction, as set forth in the climate leadership and community protection act, in the construction and operation of new commercial, industrial, agricultural and residential buildings, and in the rehabilitation of existing structures, through heating, cooling, ventilation, plumbing, lighting, insulation and design techniques and the use of energy audits and life-cycle costing analysis.

**STATEMENT OF SUPPORT:** Total household electrification is our future, not only to meet our greenhouse gas emissions reduction goals, but to achieve a standard of living that is healthier, more cost effective and efficient. Renewable energy driven technology will soon heat and cool all our homes, dry our clothes, cook our food, charge our vehicles and power our lives. Commercial buildings and industries will also transition away from fossil fuel powered machines and processes as we look to lead the nation in climate solutions through this transformative innovation. But while our climate laws are binding - our building codes and appliance efficiency standards still have to be modernized if we are to keep pace with our goals.

A.8143-A will update the state's building codes and expand state appliance standards which will reduce energy use and greenhouse gas (GHG) emissions for all new and retrofitted buildings in New York, while at the same time giving New Yorkers substantial savings on their utility bills. An improved energy code based on these changes is expected to reduce utility bills by an estimated $2.5 billion, and GHG emissions by 21 mmt CO2e, by 2030.

The bill also includes new energy and water standards for appliances and products; like televisions, refrigerators, plumbing, washers, dryers, computers and outdoor lighting. According to the New York State Energy Research and Development Agencies's own analysis, enacting new state appliance standards like these will provide $1.3 billion in annual savings to New York households and businesses by 2030, or approximately $135 less in electrical / water costs per household.

This is a common sense and cost-effective approach to helping achieve the goals already included in the CLCPA. It is important that this bill passes this session so that appliance manufacturers can start their needed adjustments and New Yorkers can start to benefit from the real cost and carbon savings from a new energy code and appliance standards, as we “green the grid” and efficiently electrify our homes, businesses and public places over the next few decades.

The Sierra Club Atlantic Chapter urges your support of A.8143-A/S.716 to help advance our climate goals in the building sector.