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**MEMORANDUM IN SUPPORT WITH AMENDMENTS OF THE
A.8143-A (Fahy)
In Relation to establishing the “advanced building codes,
appliance and equipment efficiency standards act of 2022”**

March 2022

The Alliance for Clean Energy New York (ACE NY) supports A.8143-A with amendments. This bill would update the State Energy Code to allow the Code Council to determine Code exceptions and provide for the use of life-cycle cost analysis that includes climate warming emissions in the cost effectiveness consideration. The bill would also expand the list of appliances and products that need to meet energy efficiency standards, allow NYSERDA to set these efficiency standards, and the Department of State to enforce them. We are asking the Assembly to modify sections of this bill to reflect the language in S.7176.

The Climate Leadership and Community Protection Act (CLCPA) requires that the State reduce its electricity use by 185 trillion Btus by 2025, which is equivalent to powering 1.8 million homes. Buildings use over 60% of the energy consumed in the State and emit 30% of the State’s greenhouse gases (GHG)¹. This bill will take some steps towards reducing home energy used for heating and cooling new homes. This proposal should be improved by including the Commissioner of the Department of Environmental Conservation and the President of the NYS Energy Research and Development Authority (NYSERDA) on the Codes Council, and requiring the Council to consider climate emission reductions as in S.7176. If modified, this bill will reduce residents’ heating, cooling, and electricity bills by an estimated \$2.5 billion. Also, an updated Energy Code will reduce GHG emissions by 21 million metric tons².

This bill includes appliance and products that should have updated efficiency standards, including video games and computers. NYSERDA studied the cost-effectiveness of increasing standards for all of the appliances and products included in the original bill³ and found the savings in energy and water use to the consumer are greater than the increase in purchase price for an updated product. For many of the products included, prices are not expected to increase, and on average, NYSERDA found that these upgraded appliances and products have a payback period of seven months. We believe this bill could be improved by including efficiency standards for televisions and stronger water conservation measures for plumbing fixtures. If this were done, annual savings to consumers with improved appliance standards are \$1.3 billion, with \$500 million of that savings to low- and moderate-income households.

For the above reasons, the Alliance for Clean Energy New York supports this legislation with amendments. For more information contact Deb Peck Kelleher, Director of Policy Analysis at (c) 518-698-3211. All of ACE NY’s memos on legislation are available at <https://www.aceny.org/legislative-actions>.

¹ <https://www.nyserderda.ny.gov/-/media/Files/EDPPP/Energy-Prices/Energy-Statistics/greenhouse-gas-inventory-fact-sheet.pdf>

² [Governor Cuomo Proposes Advanced Building Codes, Appliances and Equipment Efficiency Standards Act of 2021 to Reduce Carbon Emissions and Combat Climate Change - NYSERDA](#)

³ <https://www.nyserderda.ny.gov/-/media/Files/Publications/Energy-Analysis/Regulations-Establishing-Energy-Efficiency-Standards-Pursuant-to-Article-16-of-the-Energy-Law.pdf>