



Transforming Policy. Expanding Markets.

STATEMENT OF SUPPORT TO S.9405 (PARKER)/ A.10439 (FAHY)

Advanced Energy Economy (“AEE”) respectfully asks that New York legislators support S.9405/ A.10439, given its potential to advance the deployment of energy-saving technologies and to deliver significant utility bill savings. AEE is a national association of businesses that are making the energy we use secure, clean, and affordable. We work to accelerate the move to 100% clean energy and electrified transportation in the U.S. Advanced energy encompasses a broad range of products and services that constitute the best available technologies for meeting our energy needs today and tomorrow. AEE represents over 100 companies in the \$238 billion U.S. advanced energy industry, which employs 3.2 million U.S. workers, including more than 157,000 workers in the Empire State.

Meeting the state’s aggressive goal under the Climate Leadership and Community Protection Act (CLCPA) of 100% zero-emission electricity by 2040 will require New York to have a diverse mix of dispatchable advanced energy technologies in its arsenal. Further complicating the achievement of this goal is the expectation that power demand in New York will increase by at least 65% by 2050. Investing in both energy efficiency (reducing energy waste) and demand response (targeted reductions in energy use during periods of high demand) are thus critical to addressing this expected increase in power demand and meeting New York’s decarbonization goals on the CLCPA’s established timeline. Because energy efficiency reduces energy costs for all customers by lowering wholesale energy prices and deferring or avoiding the need for additional electricity generation resources and other costly infrastructure investments, it is the lowest cost and most readily available resource to meet energy demand.

Eleven other states have passed updated appliance standards in recent years, and products that meet these standards are already being manufactured and available in the market today. By updating appliance standards, New York will ensure that consumers are neither stuck buying energy hogging products nor needing to spend time and effort researching the best products; rather, the bill will make it easier for consumers to get better performance with energy and cost savings automatically. Greenhouse gas emissions from the operation of buildings hit their highest level ever in 2019, making the sector an ideal candidate for efficiency upgrades, which would both lower the demand on the electric grid and reduce building energy costs. It is estimated that the Advanced Building Codes and Appliance Standards Act will deliver \$15 billion in utility bill savings for New Yorkers, with \$6 billion of those savings for low- and moderate-income households.

With more than 120,000 New Yorkers employed in the sector, the energy efficiency workforce represents the largest portion of the advanced energy industry. These workers stand at the ready to provide the technology and know-how to implement the next generation of building codes and deploy high-efficiency appliances to consumers throughout the state. **For these reasons, AEE strongly supports S.9405/ A.10439.**