

Testimony of

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Director of Energy Initiatives

Connecticut Center for Advanced Technology, Inc.

Before the

Energy and Technology Committee

March 10, 2016

Regarding

S.B. No. 344 - An Act Requiring a Study of the Adequacy of Energy Supplies in the State

S.B. No. 345 - An Act Requiring a Study of the Diversity of Energy Sources in the State.

H.B. No. 5503 - An Act Requiring the Study of the Use of Technology in the State.

The Connecticut Center for Advanced Technology, Inc. (CCAT), offers this testimony with regards to S.B. No. 344 - An Act Requiring a Study of the Adequacy of Energy Supplies in the State, S.B. No. 345 - An Act Requiring a Study of the Diversity of Energy Sources in the State, and H.B. No. 5503 - An Act Requiring the Study of the Use of Technology in the State.

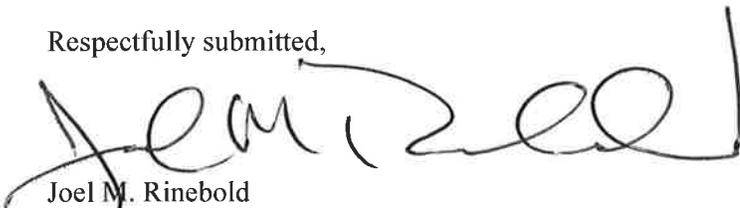
CCAT is a nonprofit corporation that provides services and resources to entrepreneurs, businesses, industry, academia, and government. The Energy Initiative of CCAT has been established to improve the economic competitiveness of the region through solutions that lower energy costs and increase long-term energy reliability. This CCAT Initiative also provides assistance to businesses and manufacturers regarding energy use and energy efficiency; promotes use of sustainable and renewable distributed energy technologies; and undertakes energy planning, including planning for microgrid development.

CCAT suggests that any studies conducted by the Public Utilities Regulatory Authority (PURA) to assess the adequacy of energy supplies, diversity of energy sources, and/or use of technology in the State should consider the economic impact of energy related technologies that are designed, manufactured, or assembled in Connecticut. The State would be well served to examine how best to couple policies and programs that promote job retention/creation and the provision of safe, clean, reliable, and affordable energy for its citizens.

Hydrogen and fuel cell technology, which is an ultra-clean, highly efficient, dispatchable Class I renewable energy source, is predominantly manufactured here in the State. Currently, Connecticut has over 600 companies that are part of the growing hydrogen and fuel cell industry supply chain in the Northeast region. Based on a 2016 IMPLAN economic analysis, Connecticut's hydrogen and fuel cell industry is estimated to have realized approximately \$726 million in revenue and investment throughout the supply chain, and contributed more than \$39 million in state and local tax revenue in 2015. Additionally, these companies were responsible for supplying more than 3,400 direct, indirect, and induced jobs and over \$340 million labor income to Connecticut's economy.

CCAT will make itself available to the Committee or PURA upon request to assist in the refinement of this legislation or to assist with the development of the studies.

Respectfully submitted,



Joel M. Rinebold
Director of Energy Initiatives