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Comments of David Giordano, Government Relations & Business Development

HyAxiom, Inc.

Energy & Technology Committee

HB 5200 – An Act Establishing a Task Force to Study Hydrogen Power

March 3, 2022

Co-Chairs Arconti and Needleman, Ranking Members Formica and Ferraro and other members of the Committee:

As you may know the Doosan Corporation is a global company with 42,000 employees and worldwide revenue of more than $16 billion. Our global businesses span a range of products and services in infrastructure support and power generation. In 2014, Doosan made the decision to invest in Connecticut and acquired the former UTC Power, where we employ 300 people at our fuel cell headquarters in East Hartford and at our world-class R&D and manufacturing facility in South Windsor, where we produce 50 – 60 MW of our PureCell® Model 400 fuel cell systems each year. Worldwide, Doosan currently has over 900 units and 400 MW operating, under construction or awarded.

Recently, Doosan Fuel Cell America changed its name to HyAxiom, Inc. which is designed to emphasize our belief and commitment to the hydrogen-led future of clean and sustainable energy. In addition to our current stationary fuel cells, we will soon be offering additional products that will support the hydrogen economy even further.

HyAxiom appreciates the opportunity to provide comments regarding **HB 5200 – An Act Establishing a Task Force to Study Hydrogen Power.** HyAxiom supports the creation of a task force to the help steer the State of Connecticut towards a future where hydrogen generation, innovation and applications will be prevalent. Doosan is already active in the hydrogen space. In addition to our behind-the-meter fuel cell applications, Doosan has developed a 50 MW site, installed in Daesan, South Korea, that runs on direct hydrogen, producing zero-carbon and no criteria air pollutants

Hydrogen is essential for decarbonization in the building, transportation, and power generation sectors. The State of Connecticut is uniquely positioned to lead the way due to the long history

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of fuel cell innovation. Also, with the investments that have already been made in the nuclear and renewable energy sectors, the possibilities are limitless to creating zero-emissions hydrogen. However, a strong hydrogen economy can't exist without strong infrastructure; therefore, any moves to dismantle the current gas pipelines would be truly detrimental. Also, as everyone is aware, the federal government has recently made a major investment in the future of hydrogen. Connecticut is strategically positioned to be a part of a northeast hydrogen hub due the current industries and intellectual capacity located here, and this task force will only enhance our presence. However, we would recommend moving up the timeline in creating a hydrogen task force to fully take advantage of this opportunity.

Another recommendation would be to include more representatives from the private sector on the task force due to the incredible amount of technical expertise that exists within all the fuel and hydrogen companies. One example where this has been successful can be seen through the New Jersey Fuel Cell Task Force, which was created last year to enhance the fuel cell and hydrogen industry in the state. The group benefits from better public and private sector relationships that have so far led to better collaboration to achieve their ultimate goals.

HyAxiom would like to thank the Committee for their hard work on this important piece of legislation and for their commitment and support of the fuel cell and hydrogen industries over the years. We look forward to working with the Committee as the process moves forward.