

UTC Power Corporation  
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**UTC Power**

A United Technologies Company

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To: The Chairs and Honorable Members of the Transportation Committee of the Connecticut General Assembly

From: Michael O. Brown, Vice President Government Affairs and General Counsel

Date: February 14, 2011

Re: Proposed H.B. No. 6127 AN ACT PROMOTING THE USE OF FUEL CELLS IN VEHICLES.

UTC Power Corporation, a United Technologies Company located in South Windsor and employing over 525 people in the development, design, production and service of fuel cells for use in stationary, transportation, space and defense applications, supports Proposed House Bill No. 6127, "An Act Promoting the Use of Fuel Cells in Vehicles". We apologize to the Committee for not appearing in person, but senior members of UTC Power are in Washington, D.C. attending the Fuel Cell and Hydrogen Energy Association annual convention. Many representatives of the fuel cell and hydrogen generation businesses in Connecticut are attending this annual convention that brings together customers, policy makers and manufacturers to advance the understanding and adoption of fuel cells and the hydrogen infrastructure in the United States.

UTC Power has been in the fuel cell industry for over 50 years and without the fuel cells produced in South Windsor, man never would have set foot on the moon. Today we are producing fuel cells for stationary applications that fulfill the promise for energy generation with system efficiencies approaching 90%, no combustion, no noise, no green house gas emissions and a significantly reduced carbon foot print from the same amount of energy input compared to traditional power generation devices. We also provide fuel cells and fuel cell technology for transportation applications, from working with various automotive manufacturers on fuel cell technology for light duty vehicles, to underwater vehicles, to the Space Shuttle, to the five fuel cell powered transit buses deployed with CT Transit in Hartford. Our fuel cell bus technology is world class in durability, operability and efficiency. Our fleet leader has over 8,500 hours of operation without an overhaul and the new technology recently deployed in Hartford promises to go beyond that and be competitive with diesel engine powered buses.

Fuel cell powered transportation promises independence from imported oil, uses a renewable fuel, has no combustion, no pollution, no particulate emissions and no noise. Wide deployment of fuel cell powered vehicles will significantly improve the urban environment and jumpstart the hydrogen highway. UTC Power participated in the development of the Transportation Roadmap written by the Connecticut Center for Advanced Technology. Connecticut is in a unique position due to its size and geographical location to lead the country in the development of a transportation infrastructure that will provide clean and efficient transportation choices using Connecticut grown technologies and provide economic development for the benefit of the state and its citizens. The targets established by this legislation are attainable and will provide a sound basis to support the commercial development and expansion of the fuel cell and hydrogen generation industries already located in the state.

Thank you for the opportunity to express our support for this bill. We would be pleased to provide any information to the Committee and the staff in support of the consideration of this bill.

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