



Rolls-Royce North America
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22 October 2019

Congresswoman Haley Stevens
37695 Pembroke Ave.
Livonia MI 48152

Re: House of Representatives Science, Space, and Technology Committee
Livonia, MI Field Hearing, 25 October 2019

Dear Congresswoman Stevens,

Thank you for your role in scheduling and chairing the Committee field hearing on the topic of Smart Transportation and Mobility in Suburban Communities on 25 October. Innovations and advances in technologies including aircraft electrification, automation, and light commuter rail hold great promise for improving the transportation options for small and suburban communities. Rolls-Royce continues to invest in the development of power products that will drive new transportation solutions that are safe, clean, efficient, and reliable.

Rolls-Royce is developing new concepts and designs in electrical vertical take-off and landing (EVTOL) vehicles. Building on the experience gained by providing hybrid-electric propulsion systems for trains, marine vessels and other applications, the Rolls-Royce EVTOL design could be adapted for personal transport, public transport, logistics, and government purpose applications. As we move towards a low carbon economy, Rolls-Royce engines will become part of broader hybrid-electrical systems with lower emissions and environmental impacts.

Rolls-Royce has a long heritage of innovation in the world's railways. Our hybrid-electric PowerPacks for commuter rail transport are environmentally-friendly, quieter, and offer new opportunities for more efficient rail travel. The hybrid PowerPack combines the advantages of diesel and battery-powered rail traction, and represents a more economical way of moving to lower carbon rail transport than full electrification as it doesn't require the installation of overhead power lines.

Rolls-Royce is at the forefront of developing power products and drive systems for

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aerospace, marine, marine, and land-based transportation systems. We see continued opportunity in the rising demand for new and flexible power solutions that build upon our commitment to improved environmental performance while meeting the ever more sophisticated needs of today's, and tomorrow's, travelers.

Thank you for your attention to this important topic. Rolls-Royce looks forward to studying the results of the hearing. If you should have any questions or would like additional information, I would be pleased to respond soonest.

Best Regards,

A handwritten signature in blue ink, appearing to read "Geo. Kampstra", with a stylized flourish extending to the right.

George Kampstra, Vice President
Rolls-Royce North America