

IET National Travel Award 2026 - Travel Report

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Thanks to the Postgraduate and Travel Awards Panel for awarding me an IET National Travel Award to present my research work at an international conference. I travelled to Toronto, Canada on Aug 20, 2026, to present two research papers titled on "*Role of Energy Storage Systems in Enabling a Sustainable Hydrogen Economy*" and "*Advancing Wind Energy in Small Island Developing States (SIDS)*" authored by my co-researcher Dr. Ruchi Tyagi and me at the 2026 IEEE 14th International Conference on Smart Energy Grid Engineering (SEGE 2026) held at Ontario Tech University, Oshawa, Ontario, Canada. It was a great moment to talk about the role of Energy Storage Systems in advancing hydrogen economy and the opportunities and challenges associated with the deployment of new wind energy projects in Small Island Developing States.



My first paper reviewed international experiences in the deployment of ESS-enabled hydrogen technologies, highlighting initiatives in a few countries, which have emerged as global leaders in integrating energy storage and hydrogen solutions to support the development of a sustainable and resilient hydrogen economy. My second paper examined the opportunities and challenges associated with the deployment of new wind energy projects in a few SIDS under the prevailing geopolitical and economic conditions.

The Role of Energy Storage Systems in Enabling a Sustainable Hydrogen Economy: Opportunities, Challenges, and Global Perspectives

Advancing Wind Energy in Small Island Developing States: Opportunities & Challenges in a Changing Global Landscape



Both my presentations can be good references for practicing hydrogen energy and wind energy professionals as well as for future researchers to advance hydrogen economy and explore wind energy projects on small islands.

I express my sincere gratitude to the IET and the Award Panel for supporting my paper presentation. Special thanks go to my coresearcher Dr. Ruchi Tyagi for the success of the presentations. I look forward to getting more such support from the IET in the future.
