

MEMORANDUM

To: Ryan King
Senior Advisor, Market and Stakeholder Relations
Independent Electricity System Operator

From: Rob Harvey
Director, Energy Storage
Hydrogenics

Subject: Enabling System Flexibility Stakeholder Engagement

We strongly endorse the IESO's initiative to engage stakeholders to determine potential solutions that can enable and achieve flexibility to meet the operating challenges related to Ontario's changing supply mix. Based on the information provided at the initial session from the recently completed 2016-2020 operability assessment, it would appear that newer technologies and solutions may provide viable options to address the needs of scheduling of resources to balance supply and demand (including ramping), regulation services and grid voltage control.

Hydrogenics is certainly one of those companies who can offer solutions to enhance flexibility in either periods of under generation or surplus generation. We are very interested in participating and actively contributing to the IESO's System Flexibility stakeholder process.

Cc: Ahmad Ibrahim