

Stakeholder Feedback and IESO Response

Improving Awareness of System Operating Conditions - Engagement Session #2 – April 22, 2021

Following the April 22, 2021 stakeholder engagement webinar, the IESO invited stakeholders to provide comments and feedback on the materials presented by May 17, 2021. The IESO received written feedback submissions from:

1. SLR Consulting

The presentation materials and stakeholder feedback submissions have been posted on the IESO stakeholder engagement [webpage](#) for this engagement. Please reference the material for specific feedback as the below information provides excerpts and/or a summary only.

General Comments/Feedback

Feedback

In general, we found the line of questioning on this feedback form very closed, directed somewhat towards a predefined outcome. We have some comments that go outside of the defined questions and speak more to the proposed scope of the system awareness tools for the Conservative Operating State. Based on the limited information provided in the presentation on 22 April, we understand there is a 2-5 day weather forecasting Advisory notice service proposed. We see that the proposed Advisory system for a Severe Weather Alert is too broad-brush. There are real-time data analysis technologies available that can support a more refined advisory service by IESO. The IESO should look to include localized (high-resolution) nowcast (0-12 hrs) and short-term (0 to 36 hrs) weather forecast to make the awareness system more operable by geographic locations. Although IESO should be concerned with extreme temperature as being the climate variable of most interest when it comes to forecasting demand and outages, there are other weather characteristics that also need to be monitored, like extreme wind. The effects on the high voltage transmission networks are different from the effects on lower voltage distribution networks and that generally the most significant extreme weather impact is from high winds. Ice storms are another weather event of interest that

requires near-term advisory services. SLR Consulting is able to build these climate analysis tools for IESO. Please contact us should this be of interest. We would like to set up a meeting to discuss further details of what this may look like.

IESO Response

Thank you for your feedback. The primary purpose of this initial request for stakeholder feedback was to receive information from stakeholders to better understand how changes may affect their operations. A number of future engagement sessions are expected with additional opportunities for stakeholders to submit feedback.

In addition to the new proposed Severe Weather Alert, the IESO has an existing Extreme Conditions Alert (MM 7.1, Section 2.4) that is used day 1 before the actual operating day or day 0 in real-time. For this existing alert, the IESO uses the services of a weather service provider to provide near-term and short-term localized weather information by geographic locations, and is able to advise market participants of specific weather conditions.