

From: Mark Aruja
Date: May 20, 2019
To: IESO Community Engagement
Subject: Ottawa regional review comment

Hello,

I found this opportunity to comment / provide input to the Ottawa regional review from the IESO website.

By way of demographics, I'm an 'empty nester', having lived in Kanata for the past 20 years....and somewhat informed by experiences living elsewhere in Canada, including the Arctic.

My particular comment comes from a heightened interest in future grid resilience (apart from broader environmental views), as a result of owning an EV. The loss of the substation from last year's tornadoes was a case in point.

Although this topic undoubtedly received much expert input and consideration, I would commend the authorities to examine how developers, in gaining approval for development of substantial tracts of land (mainly greenfield) would be required to have the entire 'subdivision' on a geothermal system. At a time when even banning single use plastics seems to be politically challenging in Ottawa, undoubtedly this notion would be even moreso. Nonetheless, my understanding that not only is this technically feasible, it manifestly contributes to grid resilience (analogous to flood ponds in new developments), is relatively cheap to install on a greenfields site, and, can command a premium price on sale.

For your consideration.

Mark Aruja