

Feedback Form

Pathways to Decarbonization – February 24, 2022

Feedback Provided by:

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Following the February 24 engagement webinar, the Independent Electricity System Operator (IESO) is seeking feedback from stakeholders on the items discussed during the webinar. The webinar presentation and recording can be accessed from the [engagement web page](#).

Please submit feedback to engagement@ieso.ca by March 16. Please attach research studies or other materials for consideration by the IESO to support your submission.

If you wish to provide confidential feedback, please submit as a separate document, marked "Confidential". Otherwise, to promote transparency, feedback that is not marked "Confidential" will be posted on the engagement webpage.

Policy

Topic	Feedback
Are the assumptions indicated reasonable and comprehensive in terms of scale and timing?	The aim should be to allow electrification of “easy” aspects of the economy such as space heating and light vehicle transportation to be say 80% complete by 2030 so Canada can meet its unambitious goal of 50% reduction in GHG by 2030. Heavy industry, aviation and other hard to abate sectors could then be bought some time to get better solutions.

Topic	Feedback
Are there other considerations for the IESO?	As a rich country we should be ambitious in reducing emissions given our past contributions. We should rely on proven renewable generation approaches: Hydroelectricity (with cross provincial border transfers), wind, solar, pumped hydro, Hydrostor, batteries, smart demand management, micro-grids, use of BEVs as a demand shifting asset. Existing nuclear should be used until end of life but experience says that new nuclear is not a viable option (10+ time span for projects, expense).

Demand

Topic	Feedback
Are the assumptions indicated reasonable and comprehensive in terms of scale and timing?	Not sure if rapid electrification of transportation and heating is factored in fully.

Topic	Feedback
Are there other considerations for the IESO?	Smart, connected demand shifting via BEV V2G, domestic water heaters (e.g. Mixergy), domestic batteries and similar strategies for industry.

Resources

Topic	Feedback
Are the assumptions indicated reasonable and comprehensive in terms of scale and timing?	We should work with Quebec to maximize the benefit of their available hydroelectricity resources in a secure way. Better long-distance grid corridors could help smooth out the variable nature of some renewable resources.

Topic	Feedback
Are there additional data sources that we should consider	Click or tap here to enter text.
Are there other considerations for the IESO?	Click or tap here to enter text.

General Comments/Feedback

If we want to maintain a liveable planet for our children and grandchildren, we must stop burning fossil fuels. This is not just “activist noise” but the very clear conclusion of a tremendous amount of science. Running current loads from 100% renewable sources (which includes existing nuclear) is not enough. We must plan on electrification of heating, transport, industry, etc. which will all increase demand.