Feedback Form

Pathways to Decarbonization – February 24, 2022

Feedback Provided by:

Name: Paul Stevers

Title: President and CEO

Organization: Think Renewables Group

Email: [redacted]

Date: March 15, 2022

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?	Yes

Topic	Feedback
Are there other considerations for the IESO?	As a result of rapid advances in technologies in several complementary areas including power generation with carbon capture, direct air capture, energy storage and renewable energy, opportunities have emerged to generate reliable power while creating negative carbon emissions. We at Climate Solutions Advancement Network (ClimateSAN) have become so encouraged by these combinations that we prepared this article about it, which was recently published in oilprice-com: How Oil & Gas Companies Can Profitably Create Carbon-Negative Energy (https://climatesan.org/pcne). To view a 3.5 min. animated video along with links to more information about these opportunities, see: Business Opportunities Creating Large-Scale Carbon Emissions Mitigation (https://climatesan.org/acem). In addition, there has been rapid progress in the area of converting CO2 to renewable fuels. To view more information about how this can be combined with other technologies to produce reliable energy for Ontario, visit: Generating Reliable Power & Low-Carbon Fuel from Biomass While Creating Negative Carbon Emissions (https://climatesan.org/gpf).

Demand

Topic	Feedback
Are the assumptions indicated reasonable and comprehensive in terms of scale and timing?	No Comment

Topic	Feedback
Are there other considerations for the IESO?	No comment

Resources

Topic	Feedback
Are the assumptions indicated reasonable and comprehensive in terms of scale and timing?	No comment

Topic	Feedback
Are there additional data sources that we should consider	No comment
Are there other considerations for the IESO?	No comment

General Comments/Feedback

As a result of rapid advances in technologies in several complementary areas including power generation with carbon capture, direct air capture, conversion of CO2 to renewable fuels, energy storage and renewable energy, substantial energy can be generated in Ontario from combined systems that use biomass, wind and/or solar resources. To view more information about this opportunity, visit: Generating Reliable Power & Low-Carbon Fuel from Biomass While Creating Negative Carbon Emissions (https://climatesan.org/gpf).