

Non-Emitting Resources RFI: Questions and Comments

May 1, 2018

This document contains IESO responses to all of the non-administrative questions submitted to the IESO in respect to the Non-Emitting Resources RFI. The below questions are reproduced exactly as submitted, except for the redaction of personal and other identifying information.

Submitted Questions and Responses

1. Appendix A (General) – does the Respondent (Section 1) need to be the owner of the facility/project or facilities/projects described Sections 2, 3, 4?

IESO Response:

It is not necessary for the respondent to be the owner of the facility or project. It is assumed that respondents will not exclusively be developers or operators and facilities and projects referenced may be either theoretical or existing facilities that the respondent does not control. However, if you are not the owner, we would appreciate if this could be indicated in your response, as another useful data point for our analyses.

2. Appendix A (Section 3, Question 6) – is the IESO only interested in past engagement efforts? The question is worded as if to seek information about past efforts (e.g., “engagement conducted” vs. “ongoing consultation” or “planned future consultation”)

IESO Response:

The IESO is interested in engagement activities related to the project/facility. This could include engagement conducted to date, ongoing engagement or planned future engagement.

3. Appendix B (Question 6) – please clarify if this question only applies to resources that are participating in IESO market, e.g., currently registered IESO market participants? Or, does this question apply to all operating resources connected directly or indirectly to the IESO-controlled grid?

IESO Response:

The intention is that this question be responded to in regards to facilities operating in the IESO markets (i.e. facilities registered in the IESO market).

4. Appendix B (Question 13. b.) – this question seems incomplete. We assume that you are seeking information about the seasonal availability of a resource. Please clarify.

IESO Response:

The question is asking the respondent to describe the resource’s availability on a monthly or seasonal basis.

5. Appendix B (Question 14) – this question refers to “non-emitting resources” as a whole. Please clarify that the response to this question should be with respect to the particular resource or technology that is the subject of the submission.

IESO Response:

Respondents are free to respond to this question as fits their experience with non-emitting resources. If a respondent only has experience with certain non-emitting resources or facilities, they can respond to this question in relation to those resources or facilities. However, if they have feedback about other resources or facilities, we would appreciate this feedback, as well.

6. Appendix B (Question 15) – same issue [as identified in question 5] with respect to “non-emitting resources” as above.

IESO Response:

See response to question 5 above.

7. Appendix B (Question 16) – please confirm that this question refers to the DAM as currently contemplated by IESO consultation documents for this work stream.

IESO Response:

That is correct.

8. Appendix B (Question 18) – this question refers to “future markets”. Please clarify if this question is referring to future IESO administered markets only. Or is this question more broad with respect to the Ontario market as a whole?

IESO Response:

The focus of this RFI is in the context of the current, renewed and potential future IESO administered markets, but respondents can also provide feedback more broadly with respect to the Ontario market.

9. With respect to Appendix A, Section 4, Question #7 RE: Dispatchability:
Please provide guidance with respect to the appropriate response for a distribution-connected solar generation facility, greater than 5 MW but less than 10 MW, and not a registered market participant. It is not clear that any of the options provided within this cell would apply for such a resource given the definitions provided for in the IESO Market Rules:

intermittent generator means a generation facility located within the IESO control area that generates on an intermittent basis as a result of factors beyond the control of the generator unless limited by dispatch, and excludes a variable generator;

variable generator means a generator whose generation facility is classified as variable generation;

and

variable generation means all wind and solar photovoltaic resources with an installed capacity of 5MW or greater, or all wind and solar photovoltaic resources that are directly connected to the IESO-controlled grid;

For example, a 6 MW solar generation facility is considered a variable generator and, therefore, cannot be classified as an intermittent generator. While variable generators that are registered market participants are “fully dispatchable”, variable generators that are not registered market participants are “non-dispatchable” by the IESO. The only option provided by the IESO for non-dispatchable resources is “Non-Dispatchable Intermittent” and “Non-Dispatchable Self-Scheduling”, and neither option would be accurate given the definitions in the IESO Market Rules.

IESO Response:

If the facility you are describing falls outside of the market rules definition for the categories provided, please describe the dispatchability of the facility in the comments section provided in the adjacent column. If known and if relevant, please also indicate how such a facility is categorized in other jurisdictions.