

NON-CONFIDENTIAL

1 **Request IR-7:**

2
3 **Preamble:**

4
5 **With regards to Grand Riverkeeper Labrador information request # 3 (a) (b) (c) and**
6 **(d) we asked: With regards to Emera's statement that it will be able to retire one or two**
7 **coal fired generating plants, please advise: (a) exactly which plants will be retired? (b) what**
8 **criteria would determine whether it is one or two plants that might be retired? (c) what is**
9 **the output of each of the two plants proposed to be retired? (d) what is the current GHG**
10 **releases of each of these plants?**

11
12 **The response in M-19 is as follows:**

13
14 **(a) Currently it is expected that Lingan units 1 and 2 would be the units that would**
15 **retire.**

16
17 **(b) The main criteria to be used would be to deliver the best value to the Nova Scotia**
18 **customer. Underlying this would be the condition of the asset, need for investment,**
19 **value as backup capacity, and planning reserve.**

20
21 **(c) The two Lingan units are 150MW units.**

22
23 **(d) The amount of GHG/s released by each unit is dependent on the utilization. In a**
24 **base load year, the units can emit approximately 1 mega tonne of CO2 each.**

25
26 **We are confused by the Proponents answers! It appears that the Proponent and the**
27 **Government Officials who are conducting the "Energy Show" touting the merits of the**
28 **Maritime Link throughout Nova Scotia are not on the same page with regards to shutting**
29 **down these plants. i.e. in a visit to Nova Scotia earlier this month I attended one of these**
30 **Energy Shows in Amherst, NS and asked the Government Officials exactly this same**

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1 **question to which they replied.... (paraphrased) That no coal fired units would actually be**
2 **shut down, that they would simply not be used as much, therefore saving on Greenhouse**
3 **Gas emissions, i.e. they would be kept running in case of need but at a lesser output.**

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5 **I'm sorry I do not remember the names of the officials who presented at that meeting off**
6 **hand however that should be fairly easy to determine by contacting the NS Government,**
7 **Nevertheless, we have these questions again for the Proponents:**

8
9 **1. Do you actually plan to shut down coal fired plants for certain?**

10
11 Response IR-7:

12
13 Yes. The use of coal-fired generation units will reduce over time due to the hard CO2 caps in
14 place in Nova Scotia. The Maritime Link project provides both firm capacity as well as
15 renewable energy. The capacity that comes as part of the project will allow for one Lingan unit
16 to retire. The exact dates on which coal units will retire is a decision that will be made in the
17 future in the best interest of NS Power customers.

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1 **Request IR-8:**

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8
9 **1. Will the two Lingan units mentioned in your response to IR-3 likely be the ones to**
10 **shut down as you say?**

11
12 Response IR-8:

13
14 Please refer to GRK IR-007.

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1 **Request IR-9:**

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9 **1. Can you explain why 3 government officials on the Energy Circuit for the Maritime**
10 **Link in Nova Scotia are making different statements with regards to shutting down**
11 **coal fired plants?**

12
13 Response IR-9:

14
15 NS Power is responsible for the decisions regarding which units would retire and when, in order
16 to meet legislation and regulations. The statements as described above are not inconsistent, as
17 NS Power has also indicated that these coal plants would be used as back-up until they are no
18 longer needed. It is the objective of NS Power and Emera to use the Maritime Link to enable the
19 retirement of coal plants.

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8 **1. What would be the difference in GHG emissions IF, as the Government officials say,**
9 **those plants are not shut down, but remain on standby, i.e. minimal operation?**

10

11 Response IR-10:

12

13 Please refer to NSUARB IR-66. The Province of Nova Scotia has established hard caps on GHG
14 emissions. NS Power will comply with the regulations in force which will include reductions in
15 emissions from all base load or stand-by units.