



Form A - Information Requests

M09096

Nova Scotia Utility and Review Board

In the Matter of: The Public Utilities Act

- and -

In the Matter of: An Application by EfficiencyOne (E1) to the Nova Scotia Utility and Review Board for Approval of Supply Agreement for Electricity Efficiency and Conservation Activities between E1 and Nova Scotia Power Inc. (NS Power), the establishment of a final agreement between the parties, and approval of a 2020-2022 Demand Side Management (DSM) Resource Plan

Information Requests

Non-Confidential

To: EfficiencyOne (E1)

From: Ecology Action Centre

Responses due: Monday, May 13, 2019

Copies: 1 electronic copy (PDF searchable)
5 hard copies

Contact person: Emma Norton
Energy Conservation Coordinator, Ecology Action Centre
efficiency@ecologyaction.ca

Issued at Halifax, Nova Scotia, this 29th day of April, 2019.

Clerk of the Board



Request IR-1

Please provide all analysis and workpapers showing that the preferred plan contains the optimal amount of energy efficiency, and describe why it results in lower efficiency compared to the optimal scenarios in the 2014 IRP and Synapses 2018 Generation Optimization and Utilization.

- a. What does E1 believe is the maximum cost-effective achievable potential that they could pursue? Show all analysis and workpapers to support this estimate of maximum achievable.

Request IR-2

Please provide projected budgets and savings by sector (commercial/industrial, residential, and low-income) for the preferred plan and the alternate plan. How would the budgets and savings by sector change if the efficiency budget were to be further reduced?

Request IR-3

Did Navigant develop any scenarios with savings that are higher than the preferred plan?

- a. If so, please provide those scenarios.

Request IR-4

Please provide the avoided costs used to determine the cost-effectiveness of the preferred plan.

Request IR -5

Please provide the avoided costs used to develop the efficiency scenarios in the 2014 IRP.

Request IR-6

Please provide the avoided costs used by Synapse to develop the 2018 GUO report.

Request IR-7

Please list all the benefits included in the TRC for the efficiency programs. Were fossil fuel, water, and Operation/Maintenance benefits included?

Request IR-8

Please provide all analysis and workpapers associated with the latest rate and bill impact analysis performed for the preferred plan.

1 **Request IR-9**

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3 What were the driving factors behind the decline in efficiency savings from 2017 to 2019?
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5 **Request IR-10**

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7 Regarding the reference on page 7 line 5 to the preferred program reducing greenhouse gas
8 emissions by 3,180 MT, please provide the detailed calculations described in the footnote related to
9 this bullet, and a breakdown of emission reductions by program.
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11 **Request IR-11**

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13 Please provide a definition of "affordability" as referred to in the E1 application. Does it refer to
14 electricity or to energy services or to DSM? What is the difference between affordability to
15 ratepayers and affordability to Nova Scotians?
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17 **Request IR-12**

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19 The 6,000 GW-hours of savings referred to on line 15, page 36 of the E1 submission, when compared
20 to the 3,180 MT referred to on line 5 of page 7, implies an average GHG reduction of 0.53
21 MT/GW.hour. Is this correct?
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23 **Request IR-13**

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25 What would be the greenhouse gas reductions achieved from full implementation of the economic
26 DSM potential identified? What would be the reductions from a full implementation of the technical
27 potential?
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29 **Request IR-14**

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31 On line 12 of page 46 it is stated that "one of the objectives of the Preferred Plan is to reduce the
32 long-term cost of electricity to ratepayers". What would be the implication to the plan if the
33 objective were to reduce the long term cost of energy services?
34