
Nova Scotia Utility and Review Board

IN THE MATTER OF *The Public Utilities Act*, R.S.N.S. 1989, c.380, as amended

2022 Maritime Link Benefits Report Q3

NS Power

REDACTED

November 25, 2022

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12

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1 1.0 INTRODUCTION

2

3 In its Decision dated February 9, 2022 with respect to NSP Maritime Link's (NSPML) application
4 for final approval of the Maritime Link project costs and the 2022 cost assessment, the Nova
5 Scotia Utility and Review Board (NSUARB, Board) provided the following direction with respect
6 to Nova Scotia Power Incorporated's (NS Power, Company) filing of Maritime Link Benefits
7 Reports (Report) as follows:

8

9 Therefore, the Board finds that NSPML and NS Power need to continue filing
10 quarterly reports until otherwise directed by the Board. Any transition away from
11 the stand-alone reports to some form of FAM reporting will be addressed at the
12 appropriate time.¹

13

14 The NSUARB provided the following further direction to NS Power and NSPML with respect to
15 the contents of those Reports:

16

- 17 1. Maintain current quarterly Maritime Link reports, supplemented with the
18 enhancements identified in the Bates White Undertaking U-23 response
19 regarding the interim period. Those reports are also to include summaries
20 focused on the quantities and values of makeup energy and capacity, with
21 details being better addressed during a FAM audit process. In addition, the
22 reports are to include financial data comparing capital and operating
23 expenditures against budgeted amounts, reports on the status of MFGS and
24 LIL commissioning, outstanding contractual, warranty and insurance
25 claims, final close out punch list matters, outstanding expropriations, and
26 outstanding operating agreements yet to be finalized.
- 27 2. Maintain current quarterly Maritime Link Benefits reports which also
28 identify costs associated with replacement cost of undelivered energy and
29 costs associated with extended operation of Lingan 2 and another thermal
30 resource that was intended to be displaced by Muskrat Falls deliveries.
- 31 3. File the annual Independent Engineer O&M Report.
- 32 4. File the annual marine survey report.
- 33 5. File the Long Term Asset Management Plan (LTAMP) once completed.
- 34 6. Report on any forced outages experienced on the assets extending from
35 MFGS to Woodbine.

¹ M10206, NSP Maritime Link Application for final approval of the Maritime Link Project Costs and approval of the 2022 Cost Assessment, NSUARB Decision, February 9, 2022, pages 88-89 of 94.

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- 1 7. Report on wheel-through energy between Newfoundland and New
2 Brunswick, along with the associated OATT revenues.²
3

4 In accordance with the NSUARB's direction, this Report covers the benefits received for the
5 period from July 1, 2022 to September 30, 2022 and contains the items directed by the NSUARB
6 applicable to NS Power.

7
8 In summary, NS Power confirms that from July 1, 2022 to September 30, 2022 inclusive, 225,489
9 MWh of energy was supplied to NS Power over the Maritime Link. NS Power has determined
10 that the Company achieved a total of \$ [REDACTED] in quantified benefits for customers in Q3,
11 2022 associated with the Maritime Link. The specific details with respect to the quantifiable
12 benefits achieved are provided in Confidential Appendix A.
13

² M10206, NSP Maritime Link Application for final approval of the Maritime Link Project Costs and approval of the 2022 Cost Assessment, NSUARB Decision, February 9, 2022, page 89 of 94.

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1 **2.0 Q3, 2022 MARITIME LINK BENEFITS**

2

3 For the period from July 1, 2022 to September 30, 2022 inclusive, NS Power received from Nalcor
4 a total of 225,489 MWh of energy.

5

6 **2.1 Additional Commentary**

7

8 NS Power received from Nalcor 103,356 MWh of energy in July 2022, 63,799 MWh of energy
9 in August 2022, and 58,334 MWh of energy in September 2022.

10

11 No wheel-through transmission sales occurred in Q3, 2022.

12

13 The amount of energy delivered over the Maritime Link in the Report period, broken out by Base
14 Block energy, Supplemental energy, Make Up energy and Additional energy, is provided in
15 Partially Confidential Appendix B.

16

17 The total amount of under delivered energy (excluding any Make Up energy) at the beginning of
18 the Report period was 600,924 MWh and was 703,026 MWh at the end of the Report period.
19 Offsetting this total under delivered energy with Make Up energy that has been delivered since
20 the commencement of NS Block up to the end of September 30, 2022, there remains a total of
21 571,550 MWh of under delivered energy which will be delivered at a later date. A detailed
22 accounting of all under delivered energy, including the replacement value, is provided in Partially
23 Confidential Appendix C.

24

25 As reported in NS Power's 2022 10-Year System Outlook Report,³ Lingan Unit 2 will be laid up
26 and not made available for economic dispatch. The unit will be placed into cold reserve and
27 available to be recalled on 2 weeks' notice. Due to near-term capacity shortfalls, including the
28 forced outage at Brooklyn Power and the scheduled outages associated with the Life Extension
29 and Modernization project at the Wreck Cove Generating Station, Lingan Unit 2 will be available,

³ M10653 - 2022 10-Year System Outlook Report, Section 3.2.4.

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- 1 if needed, to provide firm capacity and maintain an adequate Planning Reserve Margin for the
- 2 2022/2023 season.
- 3

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Appendix A

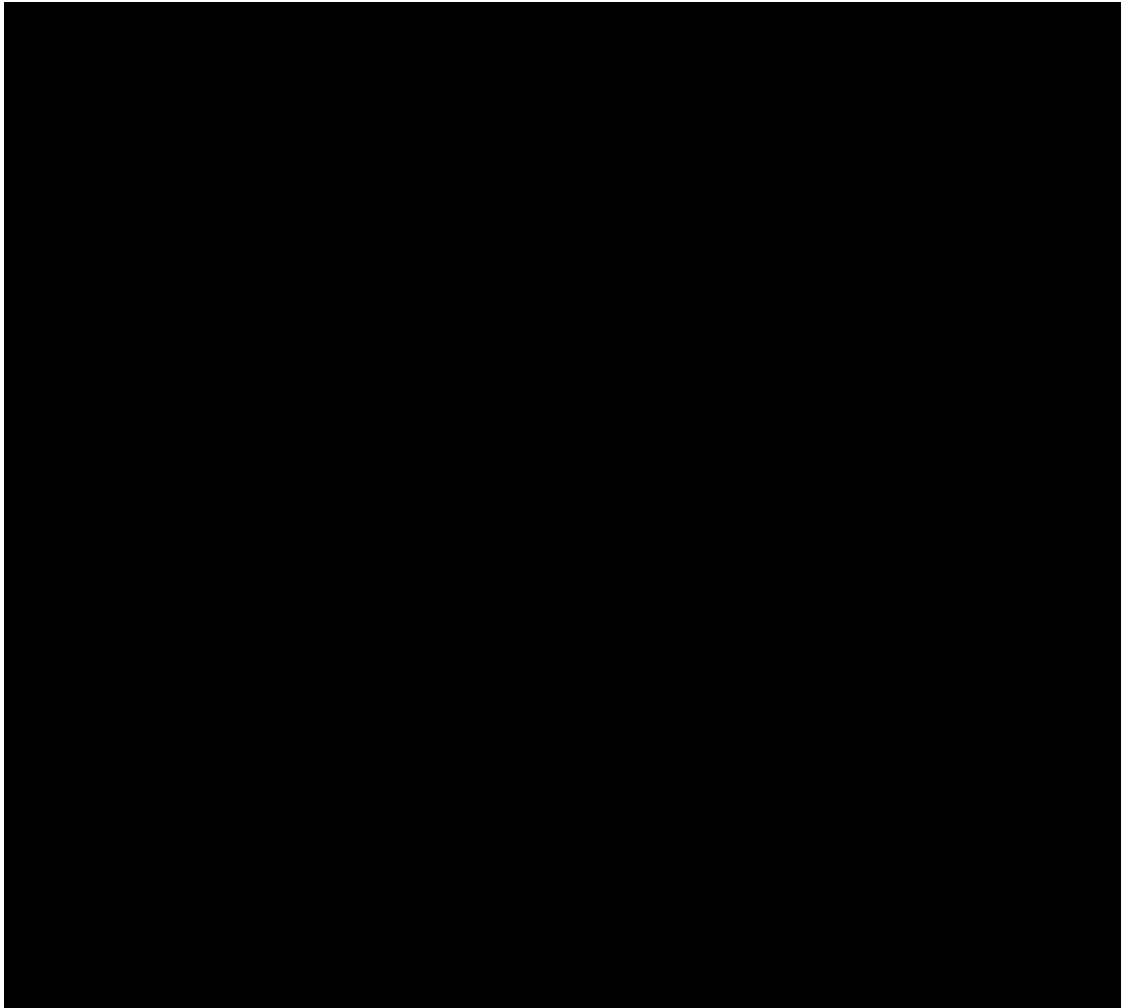
2

2022 Benefits to End of Q3

Figure 1. 2022 Q3 & Total 2022 Benefits

Q3

2022 Total



3

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Figure 2. 2022 Q3 & Total 2022 Benefits



1

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Appendix B

2022 Q3 Energy Delivered

Figure 3. 2022 Q3 Base Block Energy

Base Block Energy	Jul	Aug	Sept	Total
2013 Application Commitment	83,725	83,725	81,024	248,474
Delivered MWh (up to Hourly Commitment)	75,345	33,850	37,176	146,371
Make Up MWh (above Hourly Commitment)	4,182	3,544	7,102	14,828
Total Delivered MWh	79,527	37,394	44,278	161,199
Make Up Delivered \$				

Figure 4. 2022 Q3 Supplemental Block Energy

Supplemental Block Energy	Jul	Aug	Sept	Total
2013 Application Commitment	0	0	0	0
Delivered MWh (up to Hourly Commitment)	0	0	0	0
Make Up MWh (above Hourly Commitment)	0	0	0	0
Total Delivered MWh	0	0	0	0
Make Up Delivered \$				

Figure 5. 2022 Q3 Additional Energy including Bilateral

Additional Energy	Jul	Aug	Sept	Total
MWh of Additional Energy				

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Appendix C

2022 Undelivered Energy and Replacement Cost⁴

Figure 6. 2022 Q3 Undelivered Energy and Replacement Costs (Excluding Cost of Make Up Energy)⁵

	Beginning of Period July 1, 2022	End of Period September 30, 2022
Total Base Block Undelivered (MWh)	468,800	570,902
Total Supplemental Block Undelivered (MWh)	132,124	132,124
Total Undelivered (MWh)	600,924	703,026
Replacement Cost of Undelivered Base Block Energy (\$)		
Replacement Cost of Undelivered Supplemental Energy Remaining (\$)		
Replacement Cost of Undelivered Energy (\$)		

2

⁴ [REDACTED]

⁵ Starting in Q1 2022 Make Up energy is not deducted from the undelivered energy.