

Nova Scotia Power Inc.  
Monthly FAM Reporting  
For the Period Ended April 30, 2022

REDACTED

Nova Scotia Power Inc.  
Monthly FAM Reporting  
Summary of Fuel Costs  
For the Period Ended April 30, 2022  
(millions of dollars)

NSPI (FAM) M-1  
NON-CONFIDENTIAL

	Current Month		Year-to-Date		2022 Budget		
	Actual	Budget	Actual	Budget	Full Year Budget	% of Budget Spent	
Fuel for Generation - Domestic Load							
Solid Fuel	23.1	13.8	112.5	91.4	198.3		56.7%
Natural Gas	11.9	3.5	46.1	15.6	47.1		97.9%
Biomass	1.3	0.3	4.8	2.8	9.8		49.0%
Bunker C	0.1	0.0	26.5	1.1	1.8		1472.2%
Furnace	0.2	0.2	2.2	1.0	2.0		110.0%
Diesel	0.1	0.0	4.2	0.2	0.2		2100.0%
Additives	1.1	1.1	5.6	7.9	16.4		34.1%
GHG Compliance	(0.0)	0.0	73.3	0.0	0.0		0.0%
Subtotal	\$ 37.9	\$ 18.8	\$ 275.1	\$ 119.8	\$ 275.6		99.8%
Import Purchases	3.9	10.5	(9.7)	22.5	99.6		-9.7%
Maritime Link	14.7	13.5	48.7	54.0	161.9		30.1%
Non-Wind IPP Purchases	0.8	1.3	5.2	5.4	14.3		36.4%
Wind Purchases	6.9	7.1	28.6	32.1	84.0		34.0%
COMFIT Purchases	6.7	6.9	26.3	29.9	79.5		33.1%
Fuel for Resale Net Margin	(0.1)	0.0	(0.4)	0.0	0.0		0.0%
Exports	0.0	0.0	0.0	0.0	0.0		0.0%
Fuel and Purchased Power	\$ 70.7	\$ 58.1	\$ 373.8	\$ 263.7	\$ 714.8		52.3%
Water Royalties	0.1	0.1	0.3	0.4	1.1		27.3%
Total Fuel and Purchased Power	\$ 70.8	\$ 58.2	\$ 374.1	\$ 264.1	\$ 715.9		52.3%
Less: ELIADC Revenue	(5.0)	(4.7)	(46.8)	(23.2)	(57.4)		81.5%
Total Fuel and Purchased Power Less ELIADC Revenue	\$ 65.8	\$ 53.4	\$ 327.3	\$ 240.9	\$ 658.5		49.7%
Less: Export Revenues	0.0	(0.0)	0.0	(0.0)	(0.0)		0.0%
Less: 1PT RTP	(0.1)	(0.0)	(0.2)	(0.1)	(0.7)		28.6%
Less: Shore Power	0.0	(0.0)	0.0	(0.0)	(0.1)		0.0%
Less: Back Up / Top Up	(0.2)	0.0	(0.5)	0.0	0.0		0.0%
Less: GRLF Fuel Costs	(0.1)	(0.0)	(0.1)	(0.4)	(1.6)		6.3%
Loss / (Gain): Foreign exchange - Fuel Other	0.0	0.0	0.0	0.0	0.0		0.0%
<b>Net Fuel and Purchased Power</b>	<b>\$ 65.5</b>	<b>\$ 53.4</b>	<b>\$ 326.5</b>	<b>\$ 240.4</b>	<b>\$ 656.2</b>		<b>49.8%</b>
Total System Requirements (GWh)	912.5	941.9	4,341.8	4,319.7	11,279.7		38.5%
Less: Export Sales and Attributed Losses	0.0	(0.1)	0.0	(0.1)	(1.6)		0.0%
Less: GRLF Requirements	(0.6)	(0.6)	(1.2)	(5.1)	(25.1)		4.8%
Less: ELIADC	(89.6)	(92.2)	(312.2)	(352.3)	(1,109.4)		28.1%
Less: Shore Power	0.0	(0.1)	0.0	(0.1)	(2.1)		0.0%
Less: 1PT RTP	(0.5)	(0.6)	(1.9)	(1.6)	(11.7)		16.2%
Less: Back Up / Top Up	(1.9)	(2.1)	(7.4)	(10.5)	(25.1)		29.5%
Less: Losses*	(40.7)	(57.3)	(278.6)	(309.3)	(767.1)		36.3%
<b>Total FAM Sales</b>	<b>779.2</b>	<b>789.0</b>	<b>3,740.5</b>	<b>3,640.9</b>	<b>9,337.5</b>		<b>40.1%</b>

Figures presented are rounded to one decimal place which may cause \$0.1M in rounding differences on some line items.

The FAM Budget reflects the 2022 BCF Compliance filing of \$715.9M.

\*Includes losses for all customer classes, with the exception of Export Sales.

Nova Scotia Power Inc.  
 Monthly FAM Reporting  
 Summary of Cost Recovery  
 For the Period Ended April 30, 2022  
 (millions of dollars)

NSPI (FAM) M-2  
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**Base Fuel Component (BCF)**

	<u>Actual</u>	<u>Budget</u>
2022 Beginning BCF Balance	-	-
(Over)/Under-recovered Prior to Current Month	61.16	(4.96)
(Over)/Under-recovered in Current Month	13.05	0.43
<b>Balance Yet to be Recovered</b>	<b>74.21</b>	<b>(4.54)</b>
(Over)/Under-recovery- Remainder of the Year	N/A	34.91
Interest on BCF Balance	0.71	(0.09)

**Actual Adjustment Component (AA)**

	<u>Actual</u>	<u>Budget</u>
2022 Beginning AA Balance	166.23	53.97
Recovered/(Refunded) Prior to Current Month	(0.00)	-
Opening Balance as of April 1, 2022	166.23	53.97
Recovered/(Refunded) in Current Month	(0.00)	-
<b>Closing Balance as of April 30, 2022</b>	<b>166.23</b>	<b>53.97</b>
Recovered/(Refunded) Remainder of the Year	N/A	-
Interest on AA Balance	3.51	1.19

**Balancing Adjustment Component (BA)**

	<u>Actual</u>	<u>Budget</u>
2022 Beginning BA Balance	(21.49)	(54.03)
Recovered/(Refunded) Prior to Current Month	(0.00)	-
Non-fuel amounts applied to FAM prior to current period	-	-
Opening Balance as of April 1, 2022	(21.49)	(54.03)
Recovered/(Refunded) in Current Month	(0.00)	-
Non-fuel amounts applied to FAM in current period	-	-
<b>Closing Balance as of April 30, 2022</b>	<b>(21.49)</b>	<b>(54.03)</b>
Recovered/(Refunded) Remainder of the Year	N/A	-
Interest on BA Balance	(0.45)	(1.19)
<b>FAM Deferral (Over)/Under-Recovery</b>	<b>222.71</b>	<b>(4.68)</b>

Figures presented are rounded to two decimal places which may cause \$0.01M in rounding differences on some line items.

The FAM Budget reflects the 2022 BCF Compliance filing of \$715.9M.

Commentary for Month:

Nova Scotia Power Inc.  
Monthly FAM Reporting  
2022 Total Accumulated Unrecovered FAM Balance  
For the Period Ended April 30, 2022  
(millions of dollars)

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Month	BA Total Outstanding	AA Total Outstanding	BCF Variance		Accumulated Interest	Total Outstanding
			To Current Month	Current Month		
January	(21.5)	166.2	0.0	(1.4)	0.8	144.1
February	(21.5)	166.2	(1.4)	1.2	1.5	146.0
March	(21.5)	166.2	(0.2)	61.4	2.6	208.5
<b>April</b>	<b>(21.5)</b>	<b>166.2</b>	<b>61.2</b>	<b>13.0</b>	<b>3.8</b>	<b>222.7</b>
May	(21.5)	166.2	74.2	5.5	4.9	229.4
June	(21.5)	166.2	79.8	8.2	6.2	238.9
July	(21.5)	166.2	88.0	6.3	7.5	246.5
August	(21.5)	166.2	94.3	6.2	8.8	254.0
September	(21.5)	166.2	100.5	9.1	10.1	264.5
October	(21.5)	166.2	109.6	7.0	11.5	272.8
November	(21.5)	166.2	116.6	(0.3)	12.9	273.9
December	(21.5)	166.2	116.3	(15.4)	14.2	259.8

Figures presented are rounded to one decimal place which may cause \$0.1M in rounding differences on some line items

Future months reference the NS Power Forecast from March 2022.

**Nova Scotia Power Inc.  
Monthly FAM Reporting  
Fuel Policies and Organizational Changes  
For the Period Ended April 30, 2022**

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**Fuel Manual Updates**

No Fuel Manual Updates.

**POA Updates**

No POA Updates.

**Organizational Updates**

No Organizational updates to report.

Nova Scotia Power Inc.  
**Monthly FAM Reporting**  
**Mercury Abatement Program**  
**For the Period Ended April 30, 2022**  
*(millions of dollars)*

NSPI (FAM) M-5  
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Generating Unit	Additive Type	Current Month		Year-to-Date	
		Quantity	Cost \$/MWh <sup>a</sup>	Quantity	Cost \$/MWh <sup>a</sup>
Lingan - Unit 1	Powder Activated Carbon				
Lingan - Unit 2	Powder Activated Carbon				
Lingan - Unit 3	Powder Activated Carbon				
Lingan - Unit 4	Powder Activated Carbon				
Point Tupper	Powder Activated Carbon				
Trenton 5	Powder Activated Carbon				
Trenton 6	Powder Activated Carbon				
Lingan	Calcium Chloride				
Point Tupper	Calcium Chloride				
Trenton	Calcium Chloride				
<b>Total Costs - Powder Activated Carbon</b>		<b>252,807 kgs</b>	<b>\$0.743</b>	<b>1,455,034 kgs</b>	<b>\$4.116</b>
<b>Total Costs - Calcium Chloride</b>		<b>15,288 L</b>	<b>\$0.007</b>	<b>28,192 L</b>	<b>\$0.012</b>
<b>Total Mercury Sorbent Costs</b>			<b>\$0.750</b>		<b>\$4.128</b>

<sup>a</sup> Calculated using actual MWh produced by unit.

**Commentary for the month:**

YTD emissions are estimated at 24.1 kg. The forecast indicated YTD emissions by April 2022 of 16.1 kg.

NSPI Environmental Report for Mercury Emissions (b)

Annual Limit = 45 kg (c)

Month	Reported this month (d)	Reported last month	Variance	Reason for variance	2021 Actuals (e)
Jan	12.8	12.8	0.0	Estimated data updated with actual data	5.8
Feb	4.7	4.7	0.0		6.9
Mar	4.1	4.1	0.0		5.4
Apr	2.5				1.9
May					1.4
Jun					2.0
Jul					3.4
Aug					2.7
Sep					2.9
Oct					3.5
Nov					2.4
Dec					4.3
<b>Year to Date (f)</b>	<b>24.1</b>	<b>21.6</b>	<b>0.0</b>		<b>42.5</b>

<sup>b</sup> As reported by NSPI's Environmental Services.

<sup>c</sup> Province of Nova Scotia Air Quality Regulations - Schedule C section 3(2). Annual limit of 35kg plus mercury diversion credits to a maximum of 10kg as per Schedule C section 7E(3a) for a total of 45kg.

<sup>d</sup> This value is an estimate based on incomplete laboratory results and consumption figures. Environmental Services will finalize this result next quarter.

<sup>e</sup> Shown for comparative purposes. Figures updated in March to reflect finalized amounts.

<sup>f</sup> Figures presented are rounded to one decimal place which may cause \$0.1M in rounding differences on some line items.

	Current Month			Year-to-Date		2022 Budget
	Actual	Budget	% Change	Actual	Budget	Budget
<b>Solid Fuel</b>						
Solid Fuel Consumption Costs (\$)						
Solid Fuel Consumption (MMBtu)						
Solid Fuel Generation (MWh)						
Solid Fuel Price (\$/MMBtu) <sup>(1)</sup>						
Solid Fuel Price (\$/MWh)						
<b>Natural Gas</b>						
Natural Gas Consumption Costs (\$)						
Natural Gas Consumption (MMBtu)						
Natural Gas Generation (MWh)						
Natural Gas Price (\$/MMBtu) <sup>(1)</sup>						
Natural Gas Price (\$/MWh)						
<b>Biomass</b>						
Biomass Consumption Costs (\$)						
Biomass Consumption (MMBtu)						
Biomass Generation (MWh)						
Biomass Price (\$/MMBtu)						
Biomass Price (\$/MWh)						
<b>Bunker</b>						
Bunker Consumption Costs (\$)						
Bunker Consumption (MMBtu)						
Bunker Generation (MWh)						
Bunker Price (\$/MMBtu) <sup>(1)</sup>						
Bunker Price (\$/MWh)						
<b>Light Fuel Oil</b>						
Light Fuel Oil Consumption Costs (\$)						
Light Fuel Oil Consumption (MMBtu)						
Light Fuel Oil Generation (MWh)						
Light Fuel Oil Price (\$/MMBtu)						
Light Fuel Oil Price (\$/MWh)						
<b>Imports</b>						
Imported Power Volume (MWh)						
Imported Power Price (\$/MWh) <sup>(1)</sup>						
<b>Non-Wind IPP Purchases</b>						
IPP Purchase Volumes (MWh)						
IPP Purchase Price (\$/MWh)						
<b>Wind IPP Purchases</b>						
Wind Purchase Volumes (MWh)						
Wind Purchase Price (\$/MWh)						
<b>COMFIT</b>						
COMFIT Purchase Volumes (MWh)						
COMFIT Purchase Price (\$/MWh)						
<b>Maritime Link</b>						
NS Block & Supplemental Volumes (MWh) <sup>(2)</sup>						

The FAM Budget reflects the 2022 BCF Compliance filing of \$715.9M.

Consumption cost totals above are at the forecast effective USD rate for the year. These figures do not include the impact of monthly foreign exchange rate variations that are reflected in Summary of Fuel Costs (Report M-1).

<sup>(1)</sup> Includes impact of commodity hedge settlements.

<sup>(2)</sup> Includes make-up energy

Nova Scotia Power Inc.  
 Monthly FAM Reporting  
 Volume and Pricing Summary  
 For the Period Ended April 30, 2022

NSPI (FAM) M-7  
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<u>Category</u>	<u>Variance from Budget</u>	<u>Details</u>
Total Fuel and Purchased Power Expense	21.6% above Budget for the month	
Total System Requirements	3.1% below Budget for the month	
Total FAM Sales	1.2% below Budget for the month	April's 779.2 GWh was less than the FAM Budget of 942.3 GWh.
Net Fuel and Purchased Power Costs	22.7% above Budget for the month	April's \$65.5M was more than the FAM Budget of \$53.4M.
Purchased Power Costs	29.1% below Budget for the month	April's \$18.3M was less than the FAM Budget of \$25.8M due to decrease in purchased power as a result of lower Maritime Link surplus.
Maritime Link	8.9% above Budget for the month	April's \$14.7M was more than the FAM Budget of \$13.5M.
Solid Fuel Costs	67.4% above Budget for the month	April's \$23.1M was more than the FAM Budget of \$13.8M. Solid Fuel expenditure was higher as a result of increased generation and prices.
Natural Gas	240.0% above Budget for the month	April's \$11.9M was more than the FAM Budget of \$3.5M. There was increased natural gas dispatch to displace lower purchased power. An increase in prices also contributed to the higher expenditure.
Biomass Fuel Costs	333.3% above Budget for the month	April's \$1.3M was more than the FAM Budget of \$0.3M. Biomass Fuel expenditure was higher as a result of increased generation from Biomass.
Heavy Fuel Oil	Above Budget for the month	April's \$0.1M was more than the FAM Budget of \$0.05M.
Mercury Sorbent/Additives	Same as Budget for the month	April's \$1.1M was same as the FAM Budget of \$1.1M.
GHG Compliance	Same as Budget for the month	April's \$0.0M was same as the FAM Budget of \$0.0, GHG Compliance is recorded quarterly.
Mercury Emissions	Below Budget for the month	April's 2.5 kg was less than the forecast of 3.1 kg.



Nova Scotia Power Inc.  
 Monthly FAM Reporting  
 ELIADC Tariff Revenue  
 For the Period Ended April 30, 2022

NSPI (FAM) M-8  
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	April \$	April MWH
CBL Energy Charge - Fuel & Purchased Power <sup>(1)</sup>	\$ 4,670,451	82,299
Accrual Booked	1,070,276	18,859
Accrual Reversed	(658,497)	(11,603)
<b>ELIADC in Monthly FAM Report (reported on M-1)</b>	<b>\$ 5,082,230</b>	<b>89,555</b>

ELIADC Report								
Month	CBL Energy Charge (\$)			Total Actual Energy (MWh) <sup>(1)</sup>	Target Energy (MWh)	CBL Adder (\$)		Total Billed Charge (\$)
	Fuel & Purchased Power Charge	Variable Operating & Maintenance	Fixed Cost Recovery (\$)			Fixed Cost Recovery	Var Capital Adder (\$)	
April 2022	\$ 4,670,451	\$ 87,237	\$ 14,814	82,299		\$ 314,381	\$ 148,961	\$ 5,235,843







Product	Buy/Sell	Date/Time	Volume <sup>MW</sup>	Price <sup>\$/MWh</sup>	Cost/Revenue <sup>\$</sup>	Notes

Product	Buy/Sell	Date/Time	Volume <sup>18</sup>	Price <sup>19</sup>	Cost/Revenue <sup>20</sup>	Note

<sup>18</sup> Transactions are denoted in \$USD.  
<sup>19</sup> Power and natural gas transactions are measured in MWh and MMBtu, respectively.