Nova Scotia Power Inc. Monthly FAM Reporting For the Period Ended December 31, 2022

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	Current Month Year-to-Da		o-Date			2022	Budget		
							<u> </u>	ull Year	% of Budget
	<u>Actual</u>	<u>E</u>	<u>Budget</u>	<u>Actual</u>		<u>Budget</u>	ļ	<u>Budget</u>	<u>Spent</u>
Fuel for Generation - Domestic Load									
Solid Fuel	32.6		23.0	303.8		198.3		198.3	153.2%
Natural Gas	10.2		5.0	147.2		47.1		47.1	312.5%
Biomass	0.7		1.9	11.1		9.8		9.8	113.3%
Bunker C	4.2		0.2	31.4		1.8		1.8	1744.4%
Furnace	0.7		0.2	6.3		2.0		2.0	315.0%
Diesel	1.9		0.0	8.2		0.2		0.2	4100.0%
Additives	1.7		2.0	14.8		16.4		16.4	90.2%
GHG Compliance*	(17.9)		0.0	134.0		0.0		0.0	0.0%
Subtotal	\$ 34.1	\$	32.4	\$ 656.8	\$	275.6	\$	275.6	238.3%
Import Purchases	(10.6)		9.1	(11.9)		99.6		99.6	-11.9%
Maritime Link	12.9		13.5	157.1		161.9		161.9	97.0%
Non-Wind IPP Purchases	0.8		1.5	11.0		14.3		14.3	76.9%
Wind Purchases	6.9		8.1	68.4		84.0		84.0	81.4%
COMFIT Purchases	7.2		7.3	68.3		79.5		79.5	85.9%
Fuel for Resale Net Margin	(0.2)		0.0	(1.1)		0.0		0.0	0.0%
Exports	(0.0)		0.0	0.0		0.0		0.0	0.0%
Fuel and Purchased Power	\$ 51.2	\$	71.9	\$ 948.6	\$	714.8	\$	714.8	132.7%
Water Royalties	0.1		0.1	1.0		1.1		1.1	90.9%
Total Fuel and Purchased Power	\$ 51.2	\$	72.0	\$ 949.7	\$	715.9	\$	715.9	132.7%
Less: ELIADC Revenue	(26.5)		(5.5)	(163.1)		(57.4)		(57.4)	284.1%
Total Fuel and Purchased Power Less ELIADC Revenue	\$ 24.7	\$	66.5	\$ 786.6	\$	658.5	\$	658.5	119.5%
Less: Export Revenues	0.0		(0.0)	(0.0)		(0.0)		(0.0)	0.0%
Less: 1PT RTP	(0.2)		(0.0)	(1.5)		(0.7)		(0.7)	214.3%
Less: Shore Power	0.0		0.0	(0.0)		(0.1)		(0.1)	0.0%
Less: Back Up / Top Up	(0.1)		0.0	(2.0)		0.0		0.0	0.0%
Less: GRLF Fuel Costs	(0.2)		(0.6)	(1.1)		(1.6)		(1.6)	68.8%
Loss / (Gain): Foreign exchange - Fuel Other	0.0		0.0	0.0		0.0		0.0	0.0%
Net Fuel and Purchased Power	\$ 24.2	\$	65.9	\$ 781.9	\$	656.2	\$	656.2	119.2%
Total System Requirements (GWh)	1,092.4		1,138.9	11,133.9		11,279.7		11,279.7	98.7%
Less: Export Sales and Attributed Losses	0.0		(0.0)	(0.0)		(1.6)		(1.6)	0.0%
Less: GRLF Requirements	(2.2)		(8.4)	(11.4)		(25.1)		(25.1)	45.4%
Less: ELIADC	(77.6)		(95.7)	(955.9)		(1,109.4)		(1,109.4)	86.2%
Less: Shore Power	(0.0)		0.0	(0.4)		(2.1)		(2.1)	19.0%
Less: 1PT RTP	(8.0)		(0.9)	(11.6)		(11.7)		(11.7)	99.1%
Less: Back Up / Top Up	(1.7)		(2.6)	(28.1)		(25.1)		(25.1)	112.0%
Less: Losses**	(86.2)		(81.3)	(679.1)		(767.1)		(767.1)	88.5%
Total FAM Sales	924.0		950.0	9,447.4		9,337.5		9,337.5	101.2%

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.

^{*}GHG Compliance does not include the province's relief for NS Cap-and-Trade compliance program.

^{**}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 December 31, 2022
(millions of dollars)

Base Fuel Component (BCF)

	<u>Actual</u>	<u>Budget</u>
2022 Beginning BCF Balance	-	-
(Over)/Under-recovered Prior to Current Month	185.2	28.5
(Over)/Under-recovered in Current Month	(37.9)	1.9
Balance Yet to be Recovered	147.3	30.4
(Over)/Under-recovery- Remainder of the Year	N/A	-
Interest on BCF Balance	6.7	0.5

Actual Adjustment Component (AA)

	<u>Actual</u>	<u>Budget</u>
2022 Beginning AA Balance	166.2	54.0
Recovered/(Refunded) Prior to Current Month	(0.0)	-
Opening Balance as of December 1, 2022	166.2	54.0
Recovered/(Refunded) in Current Month	(0.0)	-
Closing Balance as of December 31, 2022	166.2	54.0
Recovered/(Refunded) Remainder of the Year	N/A	-
Interest on AA Balance	10.6	3.6

Balancing Adjustment Component (BA)

	<u>Actual</u>	<u>Budget</u>
2022 Beginning BA Balance	(21.5)	(54.0)
Recovered/(Refunded) Prior to Current Month	(0.0)	-
Non-fuel amounts applied to FAM prior to current period	0.4	-
Opening Balance as of December 1, 2022	(21.9)	(54.0)
Recovered/(Refunded) in Current Month	(0.0)	-
Non-fuel amounts applied to FAM in current period	-	-
Closing Balance as of December 31, 2022	(21.9)	(54.0)
Recovered/(Refunded) Remainder of the Year	N/A	-
Interest on BA Balance	(1.4)	(3.6)
FAM Deferral (Over)/Under-Recovery	307.5	30.8

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

Commentary for Month:

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

Nova Scotia Power Inc.
Monthly FAM Reporting
2022 Total Accumulated Unrecovered FAM Balance
For the Period Ended December 31, 2022
(millions of dollars)

Month	BA Total AA Total		BCF Va	riance	Accumulated	Total
Month	Outstanding	Outstanding	To Current Month	Current Month	Interest	Outstanding
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)	61.5	2.6	208.6
April	(21.5)	166.2	61.2	13.0	3.8	222.7
May	(21.5)	166.2	74.2	11.5	5.0	235.4
June	(21.5)	166.2	85.7	34.5	6.4	271.3
July	(21.5)	166.2	120.2	7.0	7.8	279.8
August	(21.5)	166.2	127.2	28.0	9.4	309.4
September	(21.9)	166.2	155.2	19.2	11.0	329.7
October	(21.9)	166.2	174.4	7.4	12.6	338.8
November	(21.9)	166.2	181.8	3.4	14.3	343.9
December	(21.9)	166.2	185.2	(37.9)	15.9	307.5

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

Total outstanding does not include the relief for NS Cap-and-Trade compliance program costs.

Nova Scotia Power Inc.
Monthly FAM Reporting
Fuel Policies and Organizational Changes
For the Period Ended December 31, 2022

Fuel Manual Updates

No Fuel Manual Updates.

POA Updates

No POA Updates.

Organizational Updates

No Organizational Updates

Nova Scotia Power Inc.
Monthly FAM Reporting
Mercury Abatement Program
For the Period Ended December 31, 2022
(millions of dollars)

			Current M	onth			Year-to	-Date	
Generating Unit	Additive Type	Quantity		Cost	\$/MWha	Quantity		Cost	\$/MWha
Lingan - Unit 1	Powder Activated Carbon		kgs				kgs		
Lingan - Unit 2	Powder Activated Carbon		kgs				kgs		
Lingan - Unit 3	Powder Activated Carbon		kgs				kgs		
Lingan - Unit 4	Powder Activated Carbon		kgs				kgs		
Point Tupper	Powder Activated Carbon		kgs				kgs		
Trenton 5	Powder Activated Carbon		kgs				kgs		
Trenton 6	Powder Activated Carbon		kgs				kgs		
Lingan	Calcium Chloride		L				L		
Point Tupper	Calcium Chloride		L				L		
Trenton	Calcium Chloride		L				L		
Total Costs - Powder A	ctivated Carbon	426,461	kgs	\$1.219		3,439,103	kgs	\$10.023	
Total Costs - Calcium C	hloride	7,545	L	\$0.003		75,661	L	\$0.033	1
Total Mercury Sorbent	Costs			\$1.222				\$10.055	

^a Calculated using actual MWh produced by unit.

Commentary for the month:

YTD emissions are estimated at 49.5 kg. The forecast indicated YTD emissions by December 2022 of 36.1 kg.

NSPI Environmental Report for Mercury Emissions (b)

Annual Limit = 45 kg (c)

	Alliluu	I LIIIIIL – 45 Kg (L)			
Month	Reported this month (d)	Reported last month	Variance	Reason for variance	2021 Actuals (e)
Jan	5.3	5.3	0.0		5.8
Feb	4.6	4.6	0.0		6.9
Mar	3.9	3.9	0.0		5.4
Apr	1.7	1.7	0.0		1.9
May	2.3	2.3	0.0		1.4
Jun	4.2	4.2	0.0	Estimated data updated with actual data	2.0
Jul	4.1	4.1	0.0		3.4
Aug	5.4	5.4	0.0		2.7
Sep	5.5	5.5	0.0		2.9
Oct	4.8	4.9	-0.1		3.5
Nov	3.2	3.4	-0.2		2.4
Dec	4.5				4.3
Year to Date (f)	49.5	45.3	-0.3		42.5

^b As reported by NSPI's Environmental Services.

^c 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.

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

^e Shown for comparative purposes. Figures updated in March to reflect finalized amounts.

^f 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
Solid Fuel						
Calid First Communities Costs (A)						
Solid Fuel Consumption Costs (\$) Solid Fuel Consumption (MMBtu)						
Solid Fuel Generation (MWh)						
Solid Fuel Price (\$/MMBtu) ⁽¹⁾						
Solid Fuel Price (\$/MWh)						
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Natural Gas						
Natural Gas Consumption Costs (\$)						
Natural Gas Consumption (MMBtu)						
Natural Gas Generation (MWh)						
Natural Gas Price (\$/MMBtu) ⁽¹⁾						
Natural Gas Price (\$/MWh)						
Biomass						
Biomass Consumption Costs (\$)						
Biomass Consumption (MMBtu)						
Biomass Generation (MWh)						
Biomass Price (\$/MMBtu)						
Biomass Price (\$/MWh)						
<u>Bunker</u>						
Bunker Consumption Costs (\$)						
Bunker Consumption (MMBtu)						
Bunker Generation (MWh)						
Bunker Price (\$/MMBtu) ⁽¹⁾						
Bunker Price (\$/MWh)						
Light Fuel Oil						
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)						
Imports						
Imported Power Volume (MWh)						
Imported Power Price (\$/MWh) ⁽¹⁾						
Non-Wind IPP Purchases						
IPP Purchase Volumes (MWh) IPP Purchase Price (\$/MWh)						
irr ruicilase riice (\$/1010011)						
Wind IPP Purchases						
Wind Purchase Volumes (MWh)						
Wind Purchase Price (\$/MWh)						
COMFIT						
COMFIT Purchase Volumes (MWh)						
COMFIT Purchase Price (\$/MWh)						
L						
Maritime Link NS Block & Supplemental Volumes (MWh) ⁽²⁾	83,53	2 126,133	-34%	935,949	1,133,520	1,133,520
The FAM Budget reflects the 2022 BCF Compliance filing of \$715.9M.	33,33	_ 120,133	3470	333,343	1,133,320	1,133,320

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).

 $^{^{\}left(1\right)}$ Includes impact of commodity hedge settlements.

⁽²⁾ Includes make-up energy

Nova Scotia Power Inc.

Monthly FAM Reporting

Volume and Pricing Summary

For the Period Ended December 31, 2022

Category	Variance from Budget	<u>Details</u>
Total Fuel and Purchased Power Expense	28.9% below Budget for the month	
Total System Requirements	4.1% below Budget for the month	
Total FAM Sales	2.7% below Budget for the month	December's 922.3 GWh was less than the FAM Budget of 950.0 GWh.
Net Fuel and Purchased Power Costs	63.1% below Budget for the month	December's \$24.2M was less than the FAM Budget of \$65.9M.
Purchased Power Costs	83.5% below Budget for the month	December's \$4.3M was less than the FAM Budget of \$26.0M. Purchased power is lower mainly as a result of favourable settlement of power hedges, lower Maritime Link Surplus purchases, lower IPP purchases and lower COMFIT purchases.
Maritime Link	4.4% below Budget for the month	December's \$12.9M was less than the FAM Budget of \$13.5M due to lower Maritime Link assessment payments compared to forecast as a result of the under delivery of Maritime Link energy partially offset by timing of assessment costs.
Solid Fuel Costs	41.7% above Budget for the month	December's \$32.6M was more than the FAM Budget of \$23.0M. Solid Fuel expenditure was higher as a result of an increase in solid fuel pricing and an increase in solid fuel generation, which was required to displace the lower purchased power, NSPI owned renewables and lower Biomass generation.
Natural Gas	104.0% above Budget for the month	December's \$10.2M was more than the FAM Budget of \$5.0M. Natural Gas expenditure was higher as a result of an increase in natural gas pricing and an increase in Natural Gas generation to displace lower purchased power, NSPI owned renewables and lower Biomass generation.
Biomass Fuel Costs	63.2% below Budget for the month	December's \$0.7M was less than the FAM Budget of \$1.9M.
Heavy Fuel Oil	2000.0% above Budget for the month	December's \$4.2M was more than the FAM Budget of \$0.2M.
Mercury Sorbent/Additives	15.0% below Budget for the month	December's \$1.7M was less than the FAM Budget of \$2.0M.
GHG Compliance	100% below Budget for the month	December's credit of \$17.9M was less than the FAM Budget of \$0.0M. A provision was recorded based on the expected cost to purchase emission credits, that is subject to change depending on actual emissions and future purchases. This provision is recorded on a quarterly basis and does not include the province's relief for NS Cap-and-Trade compliance program.
Mercury Emissions	Above Budget for the month	December's 4.5 kg was more than the forecast of 4.2 kg.
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Nova Scotia Power Inc. Monthly FAM Reporting ELIADC Tariff Revenue

For the Period Ended December 31, 2022

	December \$	December MWH
CBL Energy Charge - Fuel & Purchased Power ⁽¹⁾	\$ 4,781,528	84,256
Provision - Q4 2022 (2)	\$ 20,540,806	
Fuel cost recovery installment payment	1,685,120	
Accrual Booked	(188,790)	(2,460)
Accrual Reversed	 (323,732)	(4,218)
ELIADC in Monthly FAM Report (reported on M-1)	\$ 26,494,933	77,578

ELIADC Report											
	СВ	BL Energy Charge (\$)				CBL Adder (\$)					
Month	Fuel & Purchased Power Charge	Variable Operating & Maintenance Charge	Fixed Cost Recovery (\$)	Total Actual Energy (MWh) ⁽¹⁾	Target Energy (MWh)	Fixed Cost Recovery	Var Capital Adder (\$)	Total Billed Charge (\$)			
December 2022	\$ 4,781,528	\$ 89,311	\$ 15,166	84,256		\$ 321,858	\$ 152,503	\$ 5,360,367			

⁽³⁾ Provision for Q4 2022 is preliminary. The difference between the preliminary amount and the actual amount is being determined to reflect the finalized calculations on cost to serve PHP for 2022 and adjustments will be recorded in a subsequent report.

<u>Product</u>	Buy/Sell	<u>Date/Time</u>	Volume (2)	Price ⁽¹⁾	Cost/(Revenue) ⁽¹⁾	<u>Note</u>

Date/Time Volume (2) Price⁽¹⁾ Cost/(Revenue)⁽¹⁾

⁽¹⁾ Transactions are denoted in \$USD.

Transactions are denoted in SUSD.
 Power and natural gas transactions are measured in MWh and MMBtu, respectively.