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

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#### Nova Scotia Power Inc. Monthly FAM Reporting Summary of Fuel Costs For the Period Ended October 31, 2022 (millions of dollars)

	Current Month		Year-to-Date					Budget	
								ull Year	<u>% of Budget</u>
	Actual	1	<u>Budget</u>	Actual		<u>Budget</u>	E	<u>Budget</u>	Spent
Fuel for Generation - Domestic Load									
Solid Fuel	17.2		10.9	250.1		158.7		198.3	126.1%
Natural Gas	13.9		3.9	127.2		38.0		47.1	270.1%
Biomass	0.2		0.5	10.2		6.5		9.8	104.1%
Bunker C	0.1		0.1	27.1		1.3		1.8	1505.6%
Furnace	0.6		0.1	5.2		1.6		2.0	260.0%
Diesel	0.5		0.0	5.7		0.2		0.2	2850.0%
Additives	0.8		0.8	11.9		13.0		16.4	72.6%
GHG Compliance*	0.0		0.0	151.8		0.0		0.0	0.0%
Subtotal	\$	\$	16.4	\$ 	\$	219.4	\$	275.6	213.8%
Import Purchases	2.7		10.6	(1.8)		82.2		99.6	-1.8%
Maritime Link	14.9		13.5	132.4		134.9		161.9	81.8%
Non-Wind IPP Purchases	0.8		1.1	9.3		11.6		14.3	65.0%
Wind Purchases	3.3		7.6	53.8		67.7		84.0	64.0%
COMFIT Purchases	3.6		7.0	53.1		64.9		79.5	66.8%
Fuel for Resale Net Margin	(0.0)		0.0	(0.8)		0.0		0.0	0.0%
Exports	0.0		0.0	0.0		0.0		0.0	0.0%
Fuel and Purchased Power	\$ 58.6	\$	56.2	\$ 835.3	\$	580.6	\$	714.8	116.9%
Water Royalties	0.1		0.1	0.9		0.9		1.1	81.8%
Total Fuel and Purchased Power	\$ 58.7	\$	56.3	\$ 836.1	\$	581.6	\$	715.9	116.8%
Less: ELIADC Revenue	(6.3)		(4.5)	(130.6)		(47.1)		(57.4)	227.5%
Total Fuel and Purchased Power Less ELIADC Revenue	\$ 52.4	\$	51.8	\$ 705.5	\$	534.5	\$	658.5	107.1%
Less: Export Revenues	0.0		(0.0)	0.0		(0.0)		(0.0)	0.0%
Less: 1PT RTP	(0.2)		(0.1)	(1.3)		(0.6)		(0.7)	185.7%
Less: Shore Power	(0.0)		(0.0)	(0.0)		(0.1)		(0.1)	0.0%
Less: Back Up / Top Up	(0.2)		0.0	(1.8)		0.0		0.0	0.0%
Less: GRLF Fuel Costs	(0.2)		(0.1)	(0.7)		(0.7)		(1.6)	43.8%
Loss / (Gain): Foreign exchange - Fuel Other	0.0		0.0	0.0		0.0		0.0	0.0%
Net Fuel and Purchased Power	\$ 51.9	\$	51.6	\$ 701.7	\$	533.0	\$	656.2	106.9%
Total System Requirements (GWh)	791.8		838.3	9,112.0		9,191.4		11,279.7	80.8%
Less: Export Sales and Attributed Losses	0.0		(0.0)	0.0		(1.3)		(1.6)	0.0%
Less: GRLF Requirements	(2.2)		(2.1)	(7.7)		(13.4)		(25.1)	30.7%
Less: ELIADC	(81.5)		(99.1)	(801.6)		(923.3)		(1,109.4)	72.3%
Less: Shore Power	(0.2)		(0.6)	(0.4)		(2.1)		(2.1)	19.0%
Less: 1PT RTP	(1.1)		(1.3)	(9.5)		(9.8)		(11.7)	81.2%
Less: Back Up / Top Up	(2.8)		(1.8)	(25.1)		(20.4)		(25.1)	100.0%
Less: Losses**	(38.9)		(63.1)	(525.8)		(612.0)		(767.1)	68.5%
Total FAM Sales	665.1		670.4	7,741.9		7,609.1		9,337.5	82.9%

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 October 31, 2022 (millions of dollars)

Base Fuel Component (BCF)		
	Actual	<b>Budget</b>
2022 Beginning BCF Balance	-	-
(Over)/Under-recovered Prior to Current Month	174.4	16.5
(Over)/Under-recovered in Current Month	7.4	6.9
Balance Yet to be Recovered	181.8	23.4
(Over)/Under-recovery- Remainder of the Year	N/A	6.9
Interest on BCF Balance	5.0	0.2
Actual Adjustment Component (AA)		
	Actual	Budget
2022 Beginning AA Balance	166.2	54.0
Recovered/(Refunded) Prior to Current Month	(0.0)	-
Opening Balance as of October 1, 2022	166.2	54.0
Recovered/(Refunded) in Current Month	(0.0)	-
Closing Balance as of October 31, 2022	166.2	54.0
Recovered/(Refunded) Remainder of the Year	N/A	-
Interest on AA Balance	8.8	3.0
Balancing Adjustment Component (BA)		
	Actual	<b>Budget</b>
2022 Beginning BA Balance	(21.5)	(54.0)
Recovered/(Refunded) Prior to Current Month	0.7	-
Non-fuel amounts applied to FAM prior to current period	(0.4)	-
Opening Balance as of October 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 October 31, 2022	(21.9)	(54.0)
Recovered/(Refunded) Remainder of the Year	N/A	-
Interest on BA Balance	(1.1)	(3.0)
FAM Deferral (Over)/Under-Recovery	338.8	23.6

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 October 31, 2022 (millions of dollars)

Month	BA Total	AA Total	BCF Va	riance	Accumulated	Total
wonth	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	(6.2)	14.3	334.3
December	(21.9)	166.2	175.6	(20.1)	15.9	315.8

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 September 2022, it 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 October 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 October 31, 2022 (millions of dollars)

			Current Month		1		Year-to	o-Date	
Generating Unit	Additive Type	Quantity		Cost	\$/MWh <sup>a</sup>	Quantity		Cost	\$/MWh <sup>ª</sup>
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	261,299	kgs	\$0.783		2,730,114	kgs	\$7.997	
Total Costs - Calcium C	hloride	5,249	L	\$0.002		62,503	L	\$0.027	
<b>Total Mercury Sorbent</b>	t Costs			\$0.785				\$8.024	,
<sup>8</sup> Coloulated using actual MM/b pro	alconed by confi								

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

#### Commentary for the month:

YTD emissions are estimated at 41.5 kg. The forecast indicated YTD emissions by October 2022 of 29.8 kg.

#### NSPI Environmental Report for Mercury Emissions (b) Appugl Limit = 45 kg (c)

	Annuu	Linit = 45  kg(C)		1	
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	1.8	-0.1		1.9
Мау	2.3	2.5	-0.2	Estimated data updated with actual data	1.4
Jun	4.2	4.4	-0.2		2.0
Jul	4.1	4.2	-0.1		3.4
Aug	5.4	5.3	0.1		2.7
Sep	5.5	5.0	0.5		2.9
Oct	4.5				3.5
Nov					2.4
Dec					4.3
Year to Date (f)	41.5	37.0	0.0		42.5

<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.

#### Nova Scotia Power Inc. Monthly FAM Reporting Volume and Pricing Summary For the Period Ended October 31, 2022

	r	C	I	¥	Data	2022 5 4
	Actual	Current Month <u>Budget</u>	% Change	Year-to- Actual	Date <u>Budget</u>	2022 Budget <u>Budget</u>
Solid Fuel	Actual	Duager	<u>/o change</u>	Actual	Duuget	buuget
Solid Fuel Consumption Costs (\$)						
Solid Fuel Consumption (MMBtu)						
Solid Fuel Generation (MWh)						
Solid Fuel Price (\$/MMBtu) <sup>(1)</sup>						
Solid Fuel Price (\$/MWh)						
Natural Gas						
Natural Gas Consumption Costs (\$)						
Natural Gas Consumption (MMBtu)						
Natural Gas Generation (MWh)						
Natural Gas Price (\$/MMBtu) <sup>(1)</sup>						
Natural Gas Price (\$/MWh)						
<u>Biomass</u>						
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) <sup>(1)</sup>						
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) <sup>(1)</sup>						
Non-Wind IPP Purchases IPP Purchase Volumes (MWh)						
IPP Purchase Price (\$/MWh)						
Wind IPP Purchases						
Wind Purchase Volumes (MWh)						
Wind Purchase Price (\$/MWh)						
<u>COMFIT</u>						
COMFIT Purchase Volumes (MWh)						
COMFIT Purchase Price (\$/MWh)						
Maritime Link NS Block & Supplemental Volumes (MWh) <sup>(2)</sup>	00.17	E 75.000	100/	722 467	001 000	1 133 530
The FAM Budget reflects the 2022 BCF Compliance filing of \$715.9M.	90,17	5 75,888	19%	722,457	891,899	1,133,520
The name budget reflects the 2022 bur 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).

(1) 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 October 31, 2022

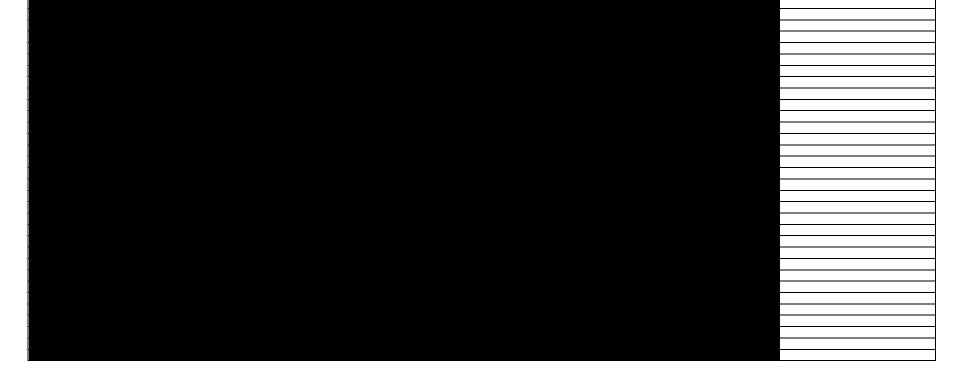
Category	Variance from Budget	Details
Total Fuel and Purchased Power Expense	4.3% above Budget for the month	
Total System Requirements	5.5% below Budget for the month	
Total FAM Sales	0.8% below Budget for the month	October's 665.1 GWh was less than the FAM Budget of 670.4 GWh.
Net Fuel and Purchased Power Costs	0.6% above Budget for the month	October's \$51.9M was more than the FAM Budget of \$51.6M.
		October's \$10.4M was lower than the FAM Budget of \$26.3M. Purchase power is lower mainly as a result of
Purchased Power Costs	60.5% below Budget for the month	lower Maritime Link Surplus purchases, favourable settlement of power hedges, lower IPP Wind and COMFIT purchases.
Maritime Link	10.4% above Budget for the month	October's \$14.9M was more than the FAM Budget of \$13.5M.
Solid Fuel Costs	57.8% above Budget for the month	October's \$17.2M was more than the FAM Budget of \$10.9M. Solid Fuel expenditure was higher as a result of an increase in solid fuel generation, which was required to displace lower purchased power, imports and NSPI owned renewables, and increase in solid fuel pricing.
Natural Gas	256.4% above Budget for the month	October's \$13.9M was more than the FAM Budget of \$3.9M. Natural Gas expenditure was higher as a result of an increase in Natural Gas generation to displace lower purchased power, imports and NSPI owned renewables, as well as an increase in natural gas pricing.
Biomass Fuel Costs	60.0% below Budget for the month	October's \$0.2M was less than the FAM Budget of \$0.5M.
Heavy Fuel Oil	Equal to Budget for the month	October's \$0.1M was equal to the FAM Budget of \$0.1M.
Mercury Sorbent/Additives	Equal to Budget for the month	October's \$0.8M was equal to the FAM Budget of \$0.8M.
GHG Compliance	Equal to Budget for the month	October's \$0.0M was equal to the FAM Budget of \$0.0M, GHG Compliance is recorded quarterly.
Mercury Emissions	Above Budget for the month	October's 4.5 kg was more than the forecast of 1.5 kg.

Nova Scotia Power Inc. Monthly FAM Reporting ELIADC Tariff Revenue		
For the Period Ended October 31, 2022		
	October \$	October MWH
CBL Energy Charge - Fuel & Purchased Power <sup>(1)</sup>	\$ 4,431,108	78,081
Fuel cost recovery installment payment	1,561,624	
Accrual Booked	261,882	3,412
Accrual Reversed	 -	-
ELIADC in Monthly FAM Report (reported on M-1)	\$ 6,254,614	81,493

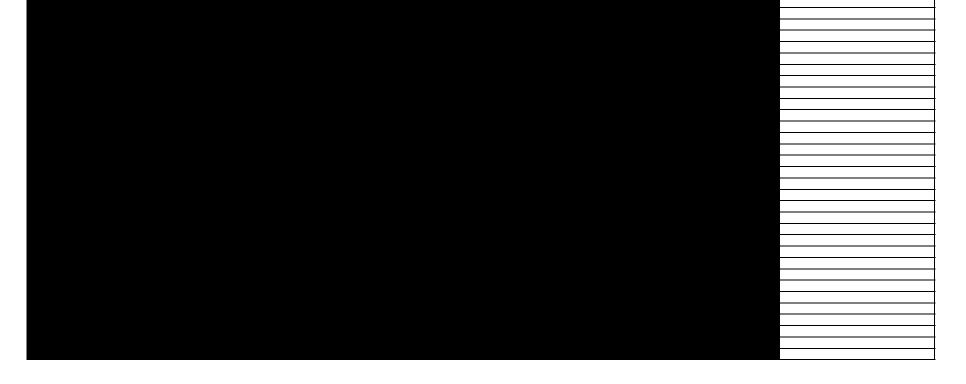
ELIADC Report									
	CB	L Energy Charge (\$)				CBL Adder (\$)			
		Variable Operating							
	Fuel & Purchased	& Maintenance	Fixed Cost	Total Actual	Target Energy	Fixed Cost	Var Capital	Total Billed	
Month	Power Charge	Charge	Recovery (\$)	Energy (MWh) <sup>(1)</sup>	(MWh)	Recovery	Adder (\$)	Charge (\$)	
October 2022	\$ 4,431,108	\$ 82,766	\$ 14,055	78,081		\$ 298,270	\$ 141,327	\$ 4,967,526	

NSPI (FAM) M-8 REDACTED

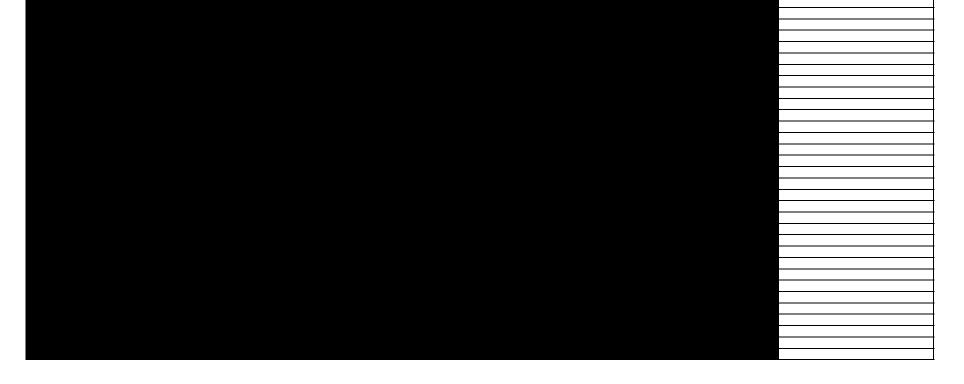
Product	<u>Buy/Sell</u>	Date/Time	Volume <sup>(2)</sup> Price <sup>(1)</sup>	Cost/(Revenue) <sup>(1)</sup>	Note



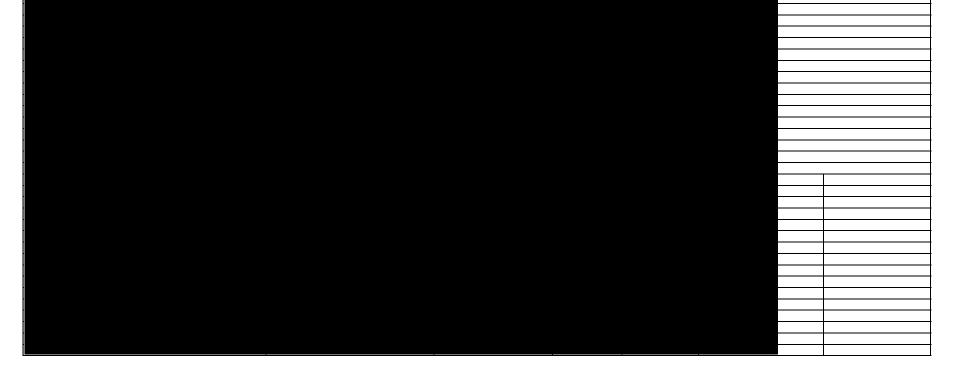
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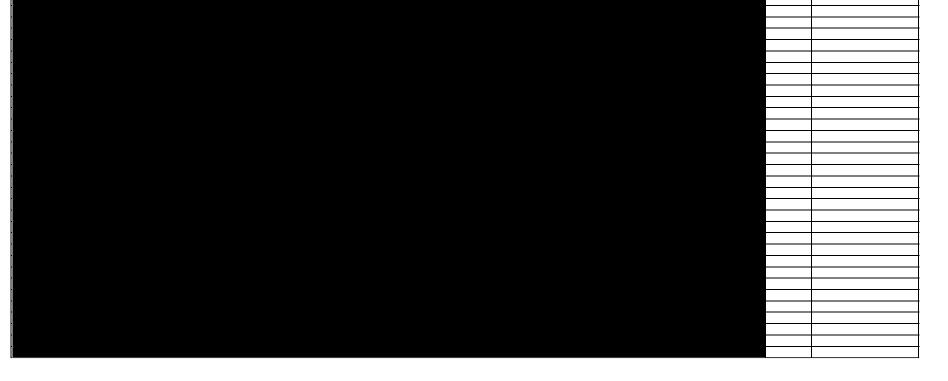
Product	<u>Buy/Sell</u>	Date/Time	Volume <sup>(2)</sup> Price <sup>(1)</sup>	Cost/(Revenue) <sup>(1)</sup>	Note
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Product	Buy/Sell	Date/Time	Volume (2)	Price <sup>(1)</sup>	Cost/(Revenue) <sup>(1)</sup>	Note
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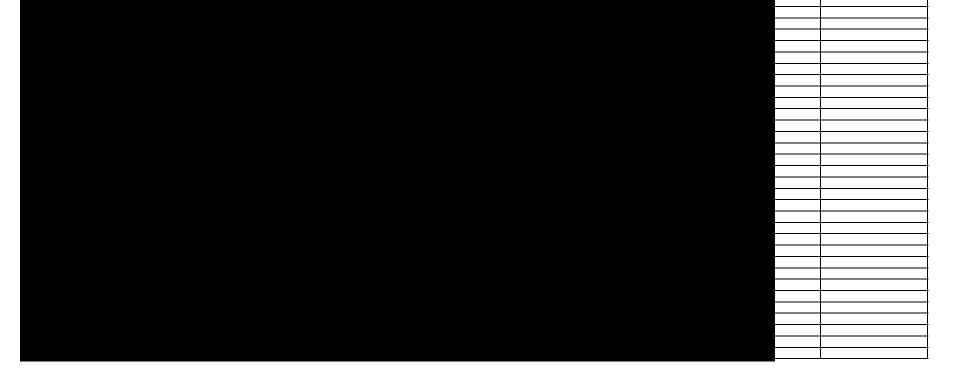
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		Cost/(Revenue) <sup>(1)</sup>	Note	

 $^{\rm (1)}$  Transactions are denoted in \$USD.

 $^{\rm (2)}$  Power and natural gas transactions are measured in MWh and MMBtu, respectively.