



# Schedule 6.2 – Revenue Decoupling Mechanism

March 3, 2023

## 1 Revenue Decoupling

2 Liberty proposes to implement revenue decoupling as part of its rate design for 2023 and beyond.  
3 Decoupling is in widespread use among North American gas and electric utilities and creates significant  
4 benefits for Liberty's customers. As described in detail below, decoupling removes the impact of variations  
5 in volumes for reasons that are generally outside the control of a utility's management. In particular,  
6 impacts from weather are mitigated. Absent decoupling, weather variations create risk for both the utility  
7 and its customers. When the weather is more extreme than is typical, which, in the context of ratemaking  
8 for a gas utility in New Brunswick means colder-than-normal weather, customers consume more, pay  
9 more, and the utility's revenues increase. When the weather is milder, customers consume less, pay less,  
10 and the utility's revenues decrease. Because the swings in either direction can be large and cannot be  
11 reasonably predicted, both the utility and its customers are exposed to avoidable uncertainty.

12 Decoupling also addresses other uncertainties in volumes that are similarly impossible to predict, such as  
13 deviations from historic levels based on changes to the macroeconomic environment, and changes  
14 driven by policy preferences like conservation or efficiency. These factors tend to be less volatile or  
15 impactful than weather but still significant.

16 Related customer benefits from decoupling are likely to extend beyond the mitigation of volumetric risk.  
17 By reducing its risk, Liberty will be better positioned to attract the capital it needs to maintain a safe, reliable  
18 system at competitive rates.

19 Importantly, decoupling does not mitigate the risks that remain within the utility's control. As has been  
20 demonstrated in numerous instances in which decoupling has been implemented, Liberty will remain  
21 strongly incented to control its operating costs, invest prudently, innovate, and provide safe and reliable  
22 service for its customers at a reasonable price. No element of a well-designed decoupling mechanism  
23 reduces the impact of those incentives.

24 Liberty proposes to implement decoupling on a Revenue Per Customer ("RPC") basis, meaning that each  
25 year the Board will authorize Liberty to collect a certain amount of revenue per customer, differentiated by  
26 class, regardless of volumes.

27 For our residential customers, decoupling will be implemented in two steps. First, a Weather Normalization  
28 Adjustment ("WNA") will be applied to customers' bills each month based on real-time variations in  
29 weather. Second, an *ex post* adjustment will be made to reconcile the actual revenues collected from the  
30 residential customers to the RPC authorized by the Board via the Revenue Decoupling Mechanism ("RDM").<sup>1</sup>

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<sup>1</sup> For purposes of simplicity, Liberty has chosen to refer to the second mechanism as the RDM; however, both it and the WNA comprise related elements of the decoupling framework.



1 Most of the non-residential classes will also be decoupled but implementation for those classes will be  
2 one-step only, via the application of the RDM at the end of each billing period.

3 The remainder of this document describes Liberty's proposal in detail and describes Liberty's motivation  
4 to request revenue decoupling, how its customers will benefit from the Board's approval of its proposal,  
5 and a discussion of the ways in which the proposed approach aligns with best practices in the utility  
6 industry in North America. Additional support for this proposal is provided in Schedule 6.1 - Review of  
7 Liberty's Rate Design, Revenue Decoupling and Common Practices in Natural Gas.

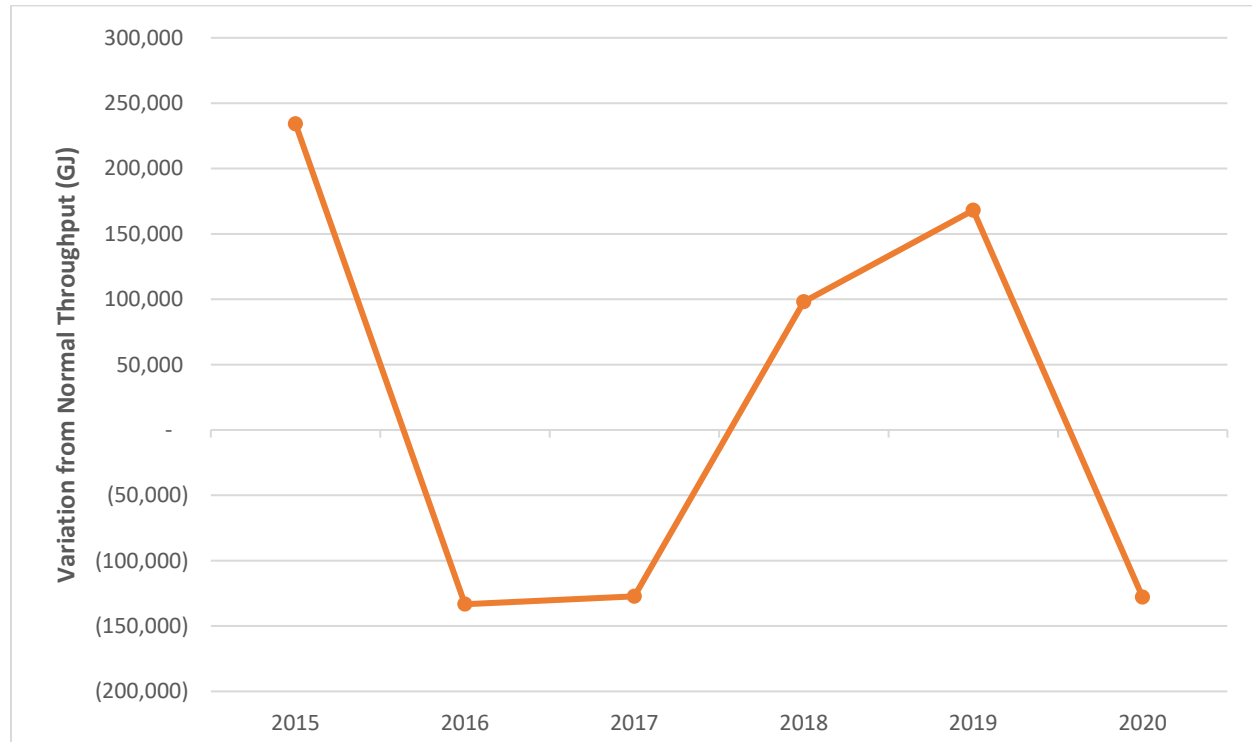
## 8 **Background**

9 Utilities have limited ability to affect throughput levels due to variations in weather, conservation, customer  
10 growth and socioeconomic factors. Because utilities cannot respond to economic incentives for these  
11 types of random, uncontrollable events, traditional ratemaking can create and magnify revenue  
12 uncertainty. Figure 1 shows the variation from average levels in Liberty's throughput for the six years ending  
13 2020.



1

Figure 1 – Gas New Brunswick Historical Weather Effects on Volume



2

3 While not all the variance shown above is attributable to weather, much of it is, and the magnitude of the  
 4 volatility is impactful. As described elsewhere in this application, Liberty's annual volumes are  
 5 approximately 6 million GJ per year, meaning that range of roughly 300,000 GJ indicated above, set by  
 6 volumes that were 150,000 GJ lower than normal in some years and 150,000 GJ higher than volumes in  
 7 others, represents a difference of 5% of Liberty's total volumes – and 5% of its customers' costs.

8 That the variances shown in Figure 1 are both positive and negative is significant. Because most of the  
 9 uncertainty is caused by weather, it is reasonable to expect that, over time, the aggregate variance will  
 10 equal zero. Which is to say that under the current paradigm, Liberty will benefit from the randomness of  
 11 weather in some years, customers in others, and that, over time, the gains and losses of each should  
 12 balance out. Decoupling will thus eliminate the unpredictable costs and windfalls in either direction but  
 13 will not create any long-term change in average costs. To the extent that customers incur extra costs or  
 14 Liberty incurs reduced revenues in some years because of revenue normalization via decoupling, the  
 15 reversal can be expected in future years along with a long-term trend towards revenue neutrality. Put  
 16 another way, both Liberty and its customers get the benefit of certainty at no extra costs.

17 Decoupling works by making small adjustments to customer rates to account for variances in  
 18 consumption. In this proceeding, the Board will authorize Liberty to collect a certain amount of revenue  
 19 from its customers, which will be measured on an RPC basis, regardless of its throughput. At the same



1 time, it will authorize Liberty's rates. Later, Liberty will reconcile its actual revenues to those authorized by  
2 the Board and correct for variances in a subsequent rate period.

3 For example, assume that a utility is authorized by its regulator to collect \$100 from each of its 10,000  
4 customers, based on its total revenue requirement of \$1,000,000 per year. If that utility's expected volumes  
5 were 100,000 GJ, its rate would be \$10/GJ.

6 Assume that during the subsequent rate period, the winter was colder than normal, and the utility sold  
7 105,000 GJ to its customers, meaning that its revenues would be \$1,050,000. In this instance, the utility would  
8 have over-collected its revenue requirement by \$50,000 which it would refund to its customers in the  
9 upcoming period. If we assume that throughput expectation for the next period were to be the same, an  
10 adjustment to reduce rates by \$0.50/GJ would be applied in the next period. That example, along with the  
11 opposite scenario, in which lower-than-expected volumes cause a rate increase to be applied in the next  
12 period, is shown below in Table 1. Note that the example is highly simplified for demonstration purposes. It  
13 omits the WNA and assumes, among things, a fixed number of customers, all of whom are in the same  
14 class, and a volumetric-only rate structure.

15 Table 1 – Indicative Simplified Decoupling Calculations

			Higher Than Normal TP	Lower Than Normal TP
<i>a</i>	Rate	$\$/GJ$	\$10.00	\$10.00
<i>b</i>	Throughput (TP)	$GJ$	<u>105,000</u>	<u>94,000</u>
$c=a*b$	Earned revenues	\$	\$1,050,000	\$940,000
<i>d</i>	Authorized revenues	\$	<u>\$1,000,000</u>	<u>\$1,000,000</u>
$e=d-c$	(Over)/under collection	\$	(\$50,000)	\$60,000
<i>f</i>	Next year TP	$GJ$	<u>100,000</u>	<u>100,000</u>
$g=e/f$	Adjustment	$\$/GJ$	(\$0.50)	\$0.60

16

17 Mitigating the impact of throughput eliminates a utility's incentive to maximize volumes and creates the  
18 opportunity to focus on the achievement of more customer-centric policy objectives, such as focusing on  
19 conservation, efficiency and cost management, which provides a long-run benefit to customers through  
20 rate constraints, and encouraging rate innovation, which incents more efficient behaviour.

21 In effect, the utility becomes better positioned to execute its core business, distribution; is better equipped  
22 to do so because an uncontrollable financial risk has been eliminated; and remains highly incented  
23 towards efficient, innovative behaviors that will benefit its customers. This is Liberty's proposal's core value



1 proposition and the reason why decoupling is in widespread use at gas and electric industries throughout  
 2 North America.

3 Figure 2 – Risks and Incentives Under Traditional Ratemaking and Revenue Decoupling

	Traditional Ratemaking	Revenue Decoupling
<b>RATES AND REVENUES</b>	$\text{Retail rate (\$/GJ)} = \frac{\text{Allowed Revenue (\$)}}{\text{Expected Sales Forecast (GJ)}}$ $\text{Actual Revenue (\$)} = \text{Retail rate (\$/GJ)} \times \text{Actual Consumption (GJ)}$ <p style="text-align: center;"><b>Revenues “are what they are” based on rates set in advance and uncertain sales</b></p>	<p>Allowed Revenue (\$) is set by the Board in a rate case on a per-customer basis</p> $\text{Prior Period Over- or Under-Collection (\$)} = \text{Allowed Revenue (\$)} - \text{Actual Revenue (\$)}$ $\text{Retail rate (\$/GJ)} = \frac{\text{Allowed Revenue (\$)} + \text{Prior Period Adjustment (\$)}}{\text{Expected Sales Forecast (GJ)}}$ <p style="text-align: center;"><b>The utility earns the revenues that were authorized by the Board</b></p>
<b>RISKS AND INCENTIVES</b>	<ul style="list-style-type: none"> <li>▪ Utility is <b>at risk</b> for changes in weather or other consumption changes beyond its control</li> <li>▪ Strong <b>incentive</b> to manage the system efficiently</li> <li>▪ Utility has an <b>incentive</b> to sell more energy</li> <li>▪ Utility has a <b>disincentive</b> to promote efficiency</li> </ul>	<ul style="list-style-type: none"> <li>▪ Utility has an <b>incentive</b> to grow and maintain customer count</li> <li>▪ Strong <b>incentive</b> to manage the system efficiently</li> <li>▪ Decoupled utilities better able to <b>support</b> efficiency</li> <li>▪ Utility is <b>better</b> able to plan and invest</li> </ul>

4  
 5 While the utility is insulated from risks that are beyond management’s control, it remains exposed to those  
 6 risks that are. If a utility overspends on its operations or invests unwisely, it will remain at risk for recovery  
 7 of its costs in precisely the same way that it is now.

8 If the Board authorizes its proposal, the only volumes-related incentive that Liberty will retain will be based  
 9 on its acquisition of new customers in the decoupled classes. Setting decoupling benchmarks on an RPC  
 10 basis means that Liberty will achieve a revenue benefit when more customers join its system. This incentive  
 11 aligns closely with the policy objectives that the Board has recognized in the past, including a preference  
 12 that natural gas compete effectively with other heating fuels for market share, an outcome which creates  
 13 environmental and other benefits.

14 Table 2 below briefly summarizes some of the risks and incentives that influence the behaviours of a utility  
 15 and its customers with and without decoupling.



Table 2 – Risk Profiles of Traditional Ratemaking vs Revenue Decoupling

	Traditional Ratemaking		Decoupled	
	Utility	Customers	Utility	Customers
<b>Weather</b>	High risk beyond the utility's control. Milder-than-normal (warmer) weather reduces revenues.	High risk beyond the customers' control. More extreme weather increases consumption at high rates.	Utility and the customers are both insulated from weather risk. Over-earning during extreme weather is refunded while under-earnings from mild weather are mitigated.	
<b>Business execution</b>	Profitability is at risk if the business cannot manage its system and costs efficiently.	N/A	Profitability is at risk if the business cannot manage its system and costs efficiently.	N/A
<b>Customer growth</b>	Indirect and potentially limited. Utility's primary incentive is to grow sales volumes.	N/A	Directly incented by setting revenues on a per-customer basis. Utility receives revenue to support customer growth.	N/A
<b>Efficiency and innovation</b>	Efficiency gains create risk by threatening sales volumes.	Customers benefit from innovation efficiency investments.	Efficiency and innovation disincentives are removed	Customers benefit from innovation and efficiency investments

Of particular note is Liberty's access to a deep reservoir of expertise and experience in designing and executing decoupling mechanisms throughout Liberty Utilities. Among the many gas and electric utilities that have implemented decoupling in the U.S. are Liberty's affiliates in Massachusetts, New York, New Hampshire, and California.

## Proposal

Liberty is proposing to fully decouple revenues based on an RPC mechanism for most of its rate classes.

For the Small General Service ("SGS") customer class, the decoupling will consist of two steps, application of the WNA, a real-time adjustment to normalize the impact of weather that will be applied to customer bills each month, and the RDM, which is applied on an *ex post* basis.

For the Medium General Service ("MGS") customer class; the Large General Service ("LGS") customer class; and the Contract General ("CG") classes – consisting of the Contract General Service ("CGS") and Industrial Contract General Service ("ICGS") customer classes, decoupling will also be applied on an RPC basis but will be effectuated through a single step, the RDM.

Liberty is not proposing to decouple revenues from either of the Large Industrial Contract Service ("LICS") nor the Off-Peak Service ("OPS") classes.



1 Liberty's proposed application of the decoupling mechanism by class is shown below:

Class	WNA	RDM
SGS	Yes	Yes
MGS	No	Yes
LGS	No	Yes
CG	No	Yes
LICS	No	No
OPS	No	No

2

3 The primary basis for applying the WNA to the SGS class is Liberty's expectation that its residential  
 4 customers will be most susceptible to changes in consumption driven by weather. Residential demand is  
 5 more seasonal than is demand for commercial and/or industrial customers, so Liberty would expect that  
 6 the impact from costs from weather that is more extreme (colder) than normal to be more pronounced.  
 7 Simultaneously, and unlike Liberty's larger customers, residential customers are the least well positioned  
 8 to hedge their exposure to variations in commodity consumption.

9 Applying the WNA on a real-time basis helps to address these concerns by providing normalization  
 10 applicable to the month being billed. Importantly, there is no net impact from applying the WNA since  
 11 rates will be reconciled to the class RPC at the end of the rate year, inclusive of the impact of the WNA. In  
 12 effect, the WNA provides the SGS customers much of the benefit of normalizing volumes as rapidly as is  
 13 possible, subject to later reconciliation via the RDM.

14 This approach is typical throughout the industry and is in use by Liberty affiliates.<sup>2</sup>

15 Decoupling is implemented on a one-step basis for the MGS, LGS, and CG customers via the RDM largely  
 16 for the same reasons: they likely will be less impacted by month-to-month weather variations and are  
 17 best equipped to manage any such impacts.

18 Finally, Liberty has chosen not to include LICS and OPS customers because they represent a relatively small  
 19 portion of total throughput and only a handful of customers utilizing a different class of service.

## 20 **Stakeholder Input**

21 Liberty believes this proposal reasonably reflects input from both the Board Staff and the Public Intervener's  
 22 expert, Robert Knecht. Liberty has reviewed the record of its past proceedings before the Board in which

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<sup>2</sup> See, for example, the description of the WNA in use by Liberty's New Hampshire affiliate, available at  
[https://new-hampshire.libertyutilities.com/uploads/FINAL\\_WNA%20Step%20by%20Step%20explanation.pdf](https://new-hampshire.libertyutilities.com/uploads/FINAL_WNA%20Step%20by%20Step%20explanation.pdf)





1 revenue decoupling was addressed and believes that the mechanism described in this document is  
2 consistent with the preferences revealed therein.

3 More recently, Liberty has engaged the Board's Staff ("Staff"), the Public Intervenor ("PI"), and the PI's  
4 advisors to solicit views, input, and feedback. On August 24 and October 7, 2022, Liberty hosted meetings  
5 with the Staff and the PI on this matter and has had additional, less formal discussions with the parties.

## 6 **RDM Specifications**

7 Liberty proposes to implement decoupling on a class-specific basis. For residential customers, Liberty will  
8 apply the WNA described in the next section each month.

9 Each month, Liberty will calculate the difference between its authorized revenue, which are based on the  
10 RPC authorized for each decoupled class multiplied by the actual number of customers in each class, and  
11 actual revenue. Annually, Liberty will submit a filing to the Board that details the monthly variances, the  
12 total variance, and proposes for approval a rate, the Revenue Decoupling Mechanism Adjustment  
13 ("RDMA"), which will be used to either return over-collections to customers, in the event that its revenues  
14 exceeded its RPC, or refund under-collections, if the opposite were to occur; for this reason, the RDMA can  
15 be positive or negative. The filing will be made on or before June 15 each year, which will give the Board  
16 sufficient time to review its application, and for interested parties to intervene, such that the RDMA can be  
17 implemented on October 1, at which time it will remain in effect for twelve months.

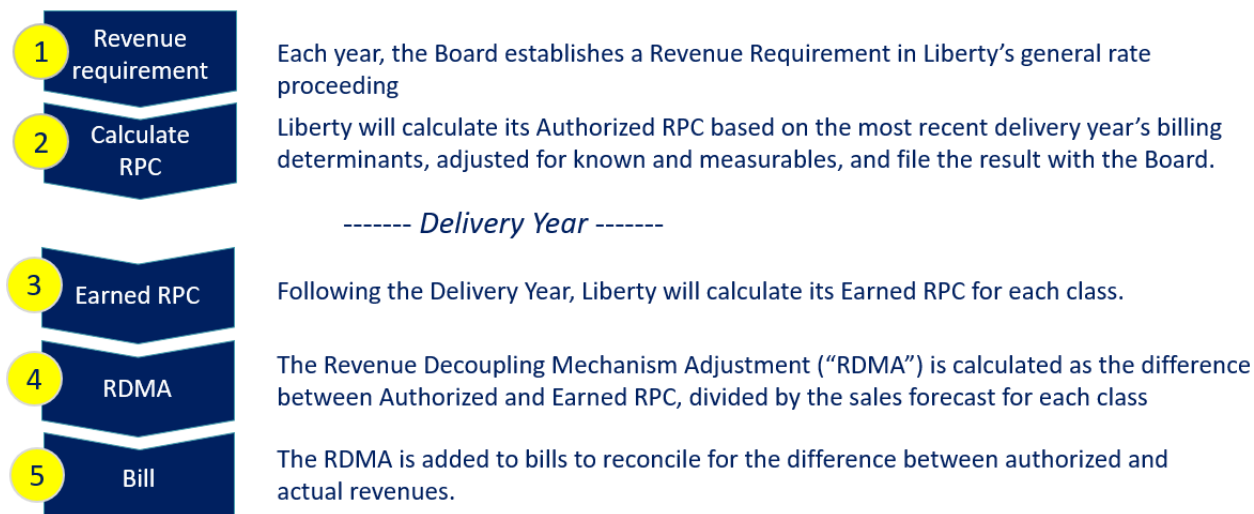
18 Beginning with Liberty's second decoupling filing, it will also include a reconciliation, expected to be small,  
19 to account for variances in the subsequent period's volumes, which will cause a small over- or under-  
20 collection in the amount recovered by the RDMA in that period.

21 Revenues collected or refunded via the RDMA will be billed and tracked separately from volumetric base  
22 revenues. This simple approach eliminates unintended interactions with approved rates and enhances  
23 transparency. The Board continues to establish a revenue requirement and approve the rate design for  
24 the test year. The customer counts and distribution revenue authorized by the Board's decision within the  
25 most recent General Rate Application establishes the authorized RPC for each class.

26 The figure below shows a simplified process for implementing revenue decoupling; note that the WNA is  
27 omitted for simplicity.



Figure 3 – Simplified Process Steps of the RDMA



Because this is a new mechanism, Liberty proposes to limit the amount of revenue that can be collected through the RDMA to five percent of the authorized base distribution revenues. If an under-collection exceeds 5% of authorized revenues, the under-collection greater than 5% will be retained in the RDM Variance account, which Liberty will carry on its books until its next rate proceeding before the Board. Barring a finding of imprudence on Liberty's part, the Board authorizes the collection of the outstanding balance of the variance account and order the manner in which Liberty should do so.<sup>3</sup>

### Weather Normalization Adjustment

The WNA will be applied on a monthly, customer-by-customer basis for all of Liberty's SGS customers. The purpose is to account for demand variations from warmer- or colder-than-normal weather during the winter billing period of October 1 through May 31, inclusive, by adjusting the bill amount as the bill is being calculated and issued. By applying the adjustment as bills are being calculated, the customer will receive the benefits of the WNA immediately. During periods of colder than normal weather, a customer's bill will be adjusted downward providing immediate relief to the increased heating costs.

The WNA is calculated by comparing the Distribution Volumetric Charges on the customer's current bill with the Distribution Volumetric Charges a customer would have been charged if the temperatures in the billing period matched the 20-year average for that period.

To affect this mechanism, a baseline, created by averaging the customer's consumption over the most recent non-heating months (June – September), is established. Customers with insufficient history will be assigned the SGS class average baseline until an individual history is generated. Each billing month during

<sup>3</sup> As described in the Variance Account section of this schedule, Liberty will apply a carrying charge equal to its average short-term interest rate for the month, plus 0.65% to variance account balances.



1 the heating season, the heating load will be determined by subtracting the baseline from the actual  
 2 consumption. The weather normalization factor is determined by applying the variation in weather over  
 3 the billing period to the heating load to determine the portion of the heating load resulting from the  
 4 change in weather. The amount of the WNA is calculated by applying the weather normalization factor to  
 5 the distribution volumetric charges.

6 The WNA is represented as:

$$7 \quad \quad \quad \mathbf{WNA = Actual\ Distribution\ Volumetric\ Charges * WNF}$$

8

9 Where:

10 **Actual Distribution Volumetric Charges** is the sum of the actual base rate usage charges

11

12 **WNF** is the Weather Normalization Factor as described below

13 The Weather Normalization Factor (*WNF*) determines the percent difference between the customer's bill  
 14 based on actual usage and what it would have been under normal weather conditions. The WNF is  
 15 calculated as:

16

$$17 \quad \quad \quad \mathbf{WNF = (Normal\ Distribution\ Volumetric\ Charge / Actual\ Distribution\ Volumetric\ Charge) - 1}$$

18 Where:

19 **Normal Distribution Volumetric Charge** is the calculated distribution volumetric charge for  
 20 Normal Usage for the rate schedule applicable to that bill  
 21 or portion thereof during the Winter Period calculated  
 22 using the base-and-slope methodology below

23 **Normal Usage** is the sum of the Base Usage and the Normal Heating  
 24 Usage

25

26 **Base Usage** is the current WNA Base times the number of days in the  
 27 billing period

28

29 **Normal Heating Usage** is the WNA Slope times the sum of the Normal HDD for the  
 30 billing period

31

32 **Normal Heating Degree Days (HDD)** is the twenty-year average HDD for that day



1           **Actual Distribution Volumetric Charge** is the calculated distribution volumetric charge for actual  
2                                           delivered gigajoules for the rate schedule applicable to  
3                                           that bill or portion thereof during the Winter Period

4   The Weather Normalization Slope (WNA Slope) is the customer's usage per actual heating degree day for  
5   a given Billing Period. The WNA Slope is calculated as:

$$6 \qquad \qquad \qquad \text{WNA Slope} = (\text{Actual Consumption} - (\text{WNA Base} * \text{Billing Days})) / \text{Actual HDD}$$

7           If the calculated WNA Slope is less than zero, then WNF is zero.

8           Where:

9           **Actual Consumption** is the actual delivered gigajoules for that bill

10

11           **WNA Base**           is the customer's most recent thirty-six (36) months of average daily  
12                                   delivered gigajoules for actual bills rendered for those billing periods that  
13                                   are completely within the June 1 through September 30 calendar period  
14                                   excluding such billing periods that are only partially within the June 1 to  
15                                   September 30 period. If a customer has less than thirty-six months of billing  
16                                   history, then the customer's available history for the months of June through  
17                                   September as defined above will be used to calculate the average daily  
18                                   delivered gigajoules; and if a customer has no billing history for the months  
19                                   of June through September as defined above, then the class average daily  
20                                   delivered gigajoules for the calendar months of June through September  
21                                   for the rate schedule under which the customer is served will be used.

22           **Actual HDD**           is calculated as sixteen (16) minus the average temperature in degrees  
23                                   Celsius for that day. If the calculated HDD is less than zero, then the HDD for  
24                                   that day is set equal to zero.

25   The WNA will be applied to the amount billed to each customer to offset the impact of actual HDD  
26   variations from normal HDD. This adjustment will be clearly labelled as a line item on customer bills. Monthly  
27   adjustments will be capped at a +/-20% variance of the actual volumetric distribution charges to  
28   proactively limit the monthly impact of the WNA. Any amounts that are outside of the +/-20% cap will be  
29   captured in the RDM Variance account and recovered/credited through the RDM.

30   In addition to the benefits of the overall revenue decoupling mechanism, the WNA provides additional  
31   benefits to the residential customers and Liberty:



- 1 • Reduces bill variability in the current month based on weather impacts over the billing period;
- 2 • Stabilizes annual bill amounts and mitigates volatility of monthly gas bills;
- 3 • Maintains customer benefits of individual energy conservation efforts;
- 4 • Helps stabilize revenue against fixed costs included in variable distribution charges; and
- 5 • Reduces volatility of the utility's financial results.

## 6 Variance Account

7 To support our proposal for an RDM Liberty is requesting an RDM Variance Account. During the stakeholder  
 8 sessions held with Board Staff and the Public Intervener, Liberty was made aware of New Brunswick  
 9 Regulation 2022-17, a new regulation under the *Electricity Act* pertaining to variance and deferral accounts.  
 10 As a result, Liberty has aligned our proposed RDM Variance Account with regulations in this Act, where  
 11 applicable.

12 Liberty is proposing an RDM Variance Account with the following characteristics:

- 13 • Applicable to distribution volumetric rate revenue;
- 14 • Decoupling applicable to average revenue per customer;
- 15 • Variance in actual vs authorized RPC calculated and recorded on a class basis for the applicable  
 16 RDM classes;
- 17 • Rate rider calculated for each class (volumetric) and adjusted annually;
- 18 • Limited impact of rate rider on annual distribution revenue (+/-5%), with amounts over/under this  
 19 threshold retained in account balances;
- 20 • No incentive threshold required for revenue decoupling mechanism;
- 21 • Includes an interest rate equivalent to Liberty's average short-term interest rate for the month,  
 22 plus 0.65%, and shall utilize the actual number of days in the month and the applicable fiscal year;
- 23 • Interest shall be calculated and applied to both positive and negative balances in the accounts;
- 24 • Reporting as needed to reconcile accounts.

25 After the accounting books are closed each operating month during the delivery year, the balance of the  
 26 variance account will be calculated according to the following formula for each applicable rate class:

$$27 \quad RDM_m = RDM_{m-1} + (REV_{auth} - REV_{actual}) + REV_{RDMA} + (RDM_{m-1} * ((STIR_m + 0.65\%) / 12))$$

28 Where:

29  $RDM_m$  is the balance of the RDM variance account for the current month.



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- 1           **RDM<sub>m-1</sub>** is the balance of the RDM variance account at the end of the previous month.
- 2           **REV<sub>auth</sub>** is the authorized revenue for the current month calculated by applying the authorized RPC
- 3                     from the most recently approved general rate proceeding and the equivalent number of
- 4                     bills from the current month's financial results.
- 5           **REV<sub>actual</sub>** is the recorded adjusted base rate distribution revenue from the current month's financial
- 6                     results. For SGS, the distribution revenue is inclusive of any WNA credits and surcharges.
- 7           **REV<sub>RDMA</sub>** Revenue collected through the RDMA charges in the current month's financial results.
- 8           **STIR<sub>m</sub>**   Short-term annual interest rate applicable during the current month.

