

GAZIFÈRE INC.  
PRE-FILED EVIDENCE OF BRANDON SO  
2021 RATE CASE

Q.1 Please state your full name and your current position.

A.1 My name is Brandon So. I am the Cost Allocation Specialist at Enbridge Gas Inc.

Q.2 What are your professional qualifications, experience, and previous appearances before this or other regulatory tribunals?

A.2 Please refer to my Curriculum Vitae filed at Exhibit GI-44, document 3.

Q.3 What is the purpose of this testimony?

A.3 I am presenting the results of the fully allocated cost study for the 2021 test year. The study allocates the test year distribution revenue requirement (DRR) to the customer rate classes which is then used as a guide to rate design.

Q.4 Is Gazifère proposing any cost allocation methodology changes as part of this filing?

A.4 Gazifère is not proposing any changes as part of this proceeding. Gazifère used the cost allocation methodology approved by the Régie in its D-2019-163 to allocate the 2021 distribution revenue requirement to the customer rate classes. The methodology is filed at Exhibit GI-44, and no changes are proposed within.

Q.5 Could you please outline the derivation of the study?

A.5 The details of Gazifère's 2021 budget, which determines its 2021 distribution revenue requirement, are filed in GI-34, Document 1.

The proposed revenue requirement is allocated to the various rate classes in accordance with principles laid out in the Fully Allocated Cost Study, filed at Exhibit GI-45.

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The allocation of the total distribution revenue requirement at a rate class level is filed at exhibit GI-45, document 2.1.

Using the study as a guide to rate design ensures that cost causality is maintained for the 2021 test year.

Q.6 Does this conclude your evidence?

A.6 Yes it does.

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**PROPOSED  
FULLY ALLOCATED COST STUDY  
FORECAST 2021**

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August 2021

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## 1. Summary

The proposed Fully Allocated Cost Study is found at Exhibit GI-44, Documents 2.1, Page 1 to 30. Document 2.1, Page 1 and 2 is a summary of the study's results. It outlines the allocation of the proposed revenue requirement to each rate class for the 2021 test year. Document 2.1, page 2 is reproduced here in Table 1. For the delivery-only component (excluding gas costs), the revenues at current rates are compared to the allocated costs generating an over and under contribution for each rate class.

<b>Table 1</b>				
<b>STUDY'S RESULTS</b>				
	Col. 1	Col. 2	Col. 3	Col. 4
	<u>Revenue</u> <i>\$Thousand</i>	<u>Cost of Service</u> <i>\$Thousand</i>	<u>Ovr/Und</u> <i>\$Thousand</i>	<u>Revenue to Cost</u>
Rate 1	<u>7,173.1</u>	<u>6,298.9</u>	<u>874.1</u>	<u>1.14</u>
Rate 2	<u>20,233.4</u>	<u>21,014.4</u>	<u>(781.0)</u>	0.96
Rate 3	<u>13.1</u>	<u>13.7</u>	<u>(0.5)</u>	<u>0.96</u>
Rate 4	<u>147.9</u>	<u>80.5</u>	<u>67.4</u>	<u>1.84</u>
Rate 5	<u>405.1</u>	<u>378.5</u>	<u>29.6</u>	<u>1.07</u>
Rate 9	<u>235.5</u>	<u>422.1</u>	<u>(186.6)</u>	0.56
Total	<u>28,208.0</u>	<u>28,208.0</u>	0.0	1.00

## 2. Introduction

The Fully Allocated Cost Study allocates the rate base and revenue requirement underpinning the test year to the customer rate classes. The study's results are the best estimate of the forecast costs to serve each rate class based on the principles and conventions set forth in the study. Hence, these results are a fair and reasonable representation of the costs incurred to provide service to Gazifère's customer rate classes. Other analyses using different conventions would produce different results. However, it is the consistent year-to-year relationship between costs and revenues that is of the essence, rather than the absolute level of allocated costs.

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The proposed study separates gas supply, transportation, load balancing, distribution facilities and customer related costs. The gas supply costing to Gazifère under Enbridge Gas Distribution's Rate 200 has facilitated this process.

### **3. Conventions and Accuracy**

The relative accuracy of any study can only be understood through the examination of the conventions employed. The majority of the costs incurred by the Company to provide service are common costs such as distribution mains and gas supply costs. The allocation of costs that are shared by all customers is performed using conventions, based on principles and judgements. Conventions determine: a) the approach, and b) the classification and allocation of costs.

#### ***3.1 The Approach***

The fully allocated cost study allocates to each class the forecast embedded costs that collectively form the revenue requirement for the test year. These costs are broken down into cost components by rate class for each service sought by customers. A three-step process is used to develop costs which are identifiable by each customer class.

Due to the comprehensiveness and complexity of the utility's operations, the three steps, which *functionalize*, *classify*, and *allocate* costs, are necessary to facilitate costing of the variety of services provided to the customers. This approach allocates to each rate class the average costs associated with the specific and common facilities used to provide the services being sought by the customer rate class.

The rate classes themselves are set to reflect homogeneity of customer characteristics. As a result of homogeneous classes and average costs, each customer is costed at the class average for the services being provided.

##### **3.1.1 Average Embedded Costs**

Considering the integrated nature of Gazifère's and Enbridge Gas Distribution's operating systems, and the practical limits for accounting and records management, system averages are used in developing costs by rate class.

Enbridge Gas Distribution operates an integrated system employing gas supply, upstream pipeline transportation, storage, peaking services, curtailment and distribution facilities to deliver gas to customers within Gazifère's franchise area. Due to this integration, postage stamp rates are being used, meaning that all customers on a given rate bear the same charges within the franchise area.

Similarly, all customers share in the mix of investment vintages. Administration of an accounting system and setting of rates that would differentiate on the basis of specific investments would not be viable. Therefore, a growing rate class adding younger vintage

services, such as Rate 2, will have some customers bearing higher costs than their actual vintage investments, net of accumulated depreciation, and vice-versa.

### 3.1.2 The Three Step Process

The three steps previously mentioned are designed to allocate the return on rate base, net investment costs, and operating and maintenance expenses to each rate class in a fair and reasonable manner.

#### Functionalization

The first step, functionalization, groups costs into similar operating functions to allow for consistent treatment of similar costs.

The O&M costs, net investment costs, and rate base are grouped into major functional centres listed in Table 2. Further refinement into sub-functions occurs when needed. Such an extensive list is necessary in order to be as accurate as possible in order to identify differences in cost behaviour when viewed at the rate class level. As an example, the costs associated with pressure regulators are broken down to identify costs for regulators used in the gas distribution system. All customers share these costs. In contrast, the costs for pressure regulators, which are used in sales stations, are specific to large volume customers and are, therefore, recovered from large volume customers only. The last item in the table, unidentifiable, covers the miscellaneous items that are too small to be significant, or affect all functions, and cannot be broken out. These costs are spread back over the existing costs, pro rata.

A review of the ledger accounts ensures continuity in functionalizing budgeted O&M costs, net investments, and rate base.

<b>Table 2</b>
<b><u>FUNCTIONS</u></b>
Gas Supply
Sales Stations
Distribution Regulation
Services
Mains
Meters
Sales Promotion
Customer Accounting
Specific Costs
Unidentifiable

## **Classification**

In the second step, the functionalized costs are classified to three general cost groups based on whether they vary with volumetric demands, peak demands, or other customer specific demands. Further sub-classifications within these three broad categories of classification occur when required.

New developments in customer services, operating practices, and gas supply for example, must be continuously monitored and examined to ensure that cost classifications reflect cost incurrence and that similar costs are consistently treated.

Appendix A (p. 16) defines the classifiers used in the cost study.

## **Allocation**

The allocation of the classified costs is the process of spreading similarly incurred costs to each rate class based on a factor that can be identified by each class. As an example, the cost of issuing a bill to each customer every month is allocated on the basis of the number of customers in each rate class since the costs of printing and mailing the bill are the same for all customers, and vary by the number of customers.

Appendix B (p. 18) lists the allocators used in the cost study. Allocators are reviewed each year to ensure that the allocators are reflective of the incurrence of the costs.

### ***3.2 Rate Class Cost Responsibilities***

The costs proposed in the Fully Allocated Cost study underpin the proposed revenue requirement for the test year. The uniform account classification system greatly assists the cost allocation by grouping costs in similar functions. As an example, costs for residential service work are collected in specific accounts. However, some costs are not incurred uniquely to a specific class. The major costs incurred by the utility are for common services such as mains network, gas supply costs, billing functions, and administration. These costs are not directly associated with any specific class.



Estimates of class cost responsibilities are aided by informed judgement based on the nature of operating and accounting practices, as well as standard costing conventions in the classification and allocation of costs.

### ***3.3 Classification and Allocation of Costs***

The overlying philosophy for proper classification and allocation of costs is based on cost causality principles. However, due to the complexity of the utility operations, such principles are often difficult to apply. Generally, the further from the burner tip costs are incurred, the less the costs can be directly related to a specific customer or class of customers. Explaining cost relationships when direct cost causality does not exist requires rationalizing with theoretical assumptions, which can affect the accuracy of the costing.

To facilitate costing, costs are first assigned to three general classifications:

- Customer related,
- Commodity related,
- Capacity related.

The customer related costs include expenses such as operation and maintenance as well as return and taxes associated with meters, sales stations, and service lines. They also include service work, sales promotion and customer accounting costs.

Commodity related costs are the variable costs associated with the volume of gas sold or delivered in a given period of time.

Capacity related costs include expenses such as operation and maintenance as well as return and taxes on distribution mains and distribution pressure regulators and storage facilities.

Further sub-classifications within these three general classifications may be performed to enhance the accuracy of the cost allocation process.

Allocation of costs to rate classes follows the classification process.

### ***3.4 Components of Enbridge's Rate 200 and Niagara Gas Costs***

Gazifère takes service under Enbridge Gas Distribution's Rate 200 for gas supply costs. Gazifère also has a service arrangement with Niagara Gas for movement of gas between Enbridge Gas Distribution's and Gazifère's franchise areas.

Based on the economics of contracting for upstream supply, upstream transportation is used to meet average annual demand. The combination of storage, seasonal supplies and peaking service is used to manage supply and demand on a daily basis. Enbridge

Gas Distribution's mains and Niagara Gas' facilities are used to deliver Gazifère's annual volumes and to meet peak demand.

Rate 200 consists of the following:

- Customer Charge
- Delivery Charge
- Gas Supply Charge
- Transportation Charges (Transportation Charge and Dawn Transportation Charge)
- Gas Supply Load Balancing Charge

### **3.4.1 Customer Charge**

The customer charge in Rate 200 is negotiable but subject to a cap. In Gazifère's case, it is set to zero, since Rate 200 has not been allocated any customer-related costs.

### **3.4.2 Delivery Charge**

The delivery charge is designed to recover the distribution and storage facilities costs, and UUF. This component of Rate 200 is applicable to all customers, including direct purchase customers.

The storage component of the delivery charge consists of the storage costs required to meet the seasonal requirements of all customers. These costs are classified as storage deliverability and storage space to reflect the use of Enbridge's storage facilities and allocate them based on storage deliverability and storage space allocation factors.

The costs of moving gas through the Enbridge's distribution mains are classified as 60% peak and 40% annual demand, and allocated on peak and annual deliveries.

The UUF costs component is classified as distribution commodity and is allocated to all customers on the basis of annual deliveries.

### **3.4.3 Gas Supply Charge**

The gas supply charge recovers the costs associated with the commodity, compressor fuel, and working cash allowance. The total cost is classified as gas supply commodity and is allocated to all system and buy/sell customers using the annual sales allocation factor. Gas supply charges are not allocated to transportation service customers (i.e. – direct purchase customers).

### **3.4.4 Transportation Charges**

The transportation charges comprise of transportation charge and Dawn transportation charge which recover costs associated with the upstream transportation of gas from Western Canada and the US to EGD's system and from Dawn market hub to the EGD system respectively.

The transportation charge is allocated volumetrically to Sales and Western Transportation Service customers only. And, Dawn transportation charge is allocated volumetrically to Dawn transportation Service customers only.

### **3.4.5 Gas Supply Load Balancing Charge**

The gas supply load balancing charge is a reflection of the allocated costs in Rate 200 incurred for peak and seasonal supplies, and carrying costs of inventory. The gas supply load balancing charge is also applicable to all customers, including direct purchase customers.

These costs are classified as 60% peak and 40% annual demand, and allocated on peak and annual deliveries.

### **3.4.6 Niagara Gas Costs**

The movement of gas through Niagara Gas' facilities is used to deliver Gazifère's annual volumes and to meet peak demand. The classification of these costs reflects system load factor. These costs are classified as 60% peak and 40% annual demand.

## **4. The Proposed Study**

The proposed study can be found in the immediate tabs following this report. They are:

- Document 2.1 Page 1- Revenue to Costs Comparisons – Total
- Document 2.1 Page 2- Revenue to Costs Comparisons – Delivery Only
- Document 2.1 Page 3- Functionalization of Rate Base
- Document 2.1 Page 5- Functionalization of Net Investments
- Document 2.1 Page 6 -7- Functionalization of O & M
- Document 2.1 Page 8 - Classification of Rate Base
- Document 2.1 Page 9 - Classification of Net Investments
- Document 2.1 Page 10- Classification of O & M
- Document 2.1 Page 12 - Allocation of Rate Base
- Document 2.1 Page 13 - Allocation of Return and Taxes

- Document 2.1 Page 14 - Allocation of the Cost of Service
- Document 2.1 Page 15 - Allocation Factors.

The following text details the significant aspects of the proposed Fully Allocated Cost Study.

#### ***4.1 Functionalization***

The functionalization of costs is performed in Documents 2.1, Page 3, 5, 6 and 7.

##### **Document 2.1 Page 3; Rate Base**

The functionalization of rate base is aided by the Uniform System of Accounts. Costs for mains, services, and meters can be readily identified and, accordingly, functionalized to them. The following text explains those functionalizations that may not be immediately apparent.

- Items 1.1, 1.2, and 2.1 Land, Structures and Improvements, are functionalized on an analysis of occupancy use.
- Item 1.4, Measuring Regulation and Telemetering, is functionalized to sales stations and distribution regulation based on the distribution reflected in the plant accounting records.
- Item 1.7, Other Gas Operations, is the cost of propane conversions and is hence functionalized to mains.
- Item 1.8, Overhead Capitalized, is functionalized on the basis of the additions of services, mains and distribution regulation in the test year.
- Item 2.2, Office Furniture and Equipment, is divided amongst the functions based on the approximate number of employees within the various functions.
- Item 2.3, Transportation Equipment, is functionalized on the basis of records showing equipment utilization.

- Item 2.4, Tools and Work Equipment, is primarily used by the Construction and Service Departments and is accordingly functionalized to mains and services categories, 35% and 65% respectively.
- Item 2.6 and 2.7, Computer Equipment and Telecommunications, are functionalized based on the approximate number of employees within the various departments.
- Item 3.1, Gas Costs Working Cash, is functionalized to Gas Supply.
- Item 3.2, Operating & Maintenance Working Cash, is functionalized on the basis of the functionalized O & M costs.
- Item 3.4, Income Tax Working Cash, is functionalized based on pro-ration to rate base excluding working cash.
- Item 3.5, GST/QST Working Cash, is functionalized on the basis of its components being revenues, gas costs, O & M and capital.
- Item 3.6, Provision for Bad Debt, is functionalized to Customer Accounting.

#### **Document 2.1 Page 4; The Rate Base Reconciliation**

The stabilization accounts are not part of the scope of the study. The amounts have therefore been excluded from rate base for cost allocation purposes.

#### **Document 2.1 Page 5; Net Investment Costs**

- Item 1.1, Depreciation, is functionalized based on pro-ration to rate base.
- Item 1.2, Miscellaneous Taxes, is comprised of Régie Dues and Municipal Taxes. Régie Dues are functionalized to Gas Supply. Municipal Taxes are functionalized to Unidentifiable since they are not readily associated with any specific function.
- Item 2, Late Payment Penalties, is functionalized to Customer Accounting.

#### **Document 2.1 Page 6-7; Operating and Maintenance (O&M) Expenses**

O&M costs are functionalized, classified and allocated to the various customer rate classes starting from detailed general ledger account information available as part of the existing

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grass root budget process. The accounts in the general ledger are subsequently aggregated at a higher level, if warranted (on the basis that costs behave in a similar way), to constitute functional cost centres.

The costs that cannot be directly assigned or functionalized are the overheads.

The cost of employee benefits, Item 6, includes the cost of administering the Human Resources as well as the costs of the benefits. In Column 2, these costs are apportioned to the operating functions on the basis of the labour costs included in each of the above mentioned functions.

The costs of supervision are apportioned, as found in column 4, to the functions supervised on the basis of the total dollar cost of each function. This treatment recognizes that the process of supervision involves not only the management of personnel resources but also the integration of materials and other resources.

Administrative and General overheads, Item 7, are allocated to the functions on the basis of the dollars accumulated in column 5 except for the costs of the gas supply function in which case only 3% of the gas supply function costs are included in the base for the distribution of administrative and general expenses. Column 7 contains the functionalized operating and maintenance costs.

The next step, classification of costs, is performed on Documents 2.1, Page 8 - 10. The definitions of the classifiers are found at Appendix A.

## **4.2 Classification**

### **Document 2.1 Page 8; Rate Base**

The rate base functionalized to Item 1, Gas Supply, is the working cash requirement for gas purchases, miscellaneous taxes and GST/QST. The working cash items are required for the daily management of the supply function and are classified pro rata to the specific classification of gas costs seen on document 2.1, page 11.

The Distribution Mains included in Item 2, are classified as approximately 22% customer-related and approximately 78% capacity-related. The customer-related component recognizes that no customer can receive or have access to gas service unless a main exists close to the customer's point of gas requirement (i.e. close to the customer's premises). The remainder is the capacity related component of the distribution mains.

Distribution Regulation includes the costs associated with district stations and gate stations. These are common costs incurred to regulate the pressure flow from the transmission system and within the distribution system and are, therefore, classified as capacity related.

The next three items, Sales Stations, Meters, and Services are classified as sales stations, meters and services and are subsequently allocated to the rate classes based on factors reflecting each rate class responsibility for these functions.

Item 7, Sales and Promotion costs are classified to commodity-related and to Number of Customers. The general promotion related costs are to increase the utilization of the gas distribution network and to help with the network's safety. They are hence classified as such.

The Customer Accounting costs are classified to Number of Customers. These costs consist of the allocated general plant costs incurred to support that function together with its working capital component.

The Specific Costs are the GST/QST revenues. They are classified as such.

### **Document 2.1 Page 9; Net Investment Costs**

All items follow the same classification of the rate base (Document 2.1 Page 8).

### **Document 2.1 Page 10 - 11; Operating and Maintenance expenses**

The first major function classified is Gas Supply costs. The details are found on Page 11 of Document 2.1.

### **Delivery charge (blocks):**

The rationale for the classification of the delivery charge is explained above in Section 3.4.2.

The total cost of \$4,376.1 (\$000), is found on exhibit GI-36, document 2, Page 1 of 2, Line 16, Column 13 and Line 24, Column 13.

The storage costs component of \$2,314.0 (\$000) corresponds to the storage costs included in Rate 200's delivery charge. The costs are classified to deliverability and space based on the classification of Enbridge Gas Distribution's storage costs.

The remaining delivery costs of \$2,062.1 (\$ 000) are classified 60% to peak and 40% to annual, reflecting Gazifère's operational load factor.

Peak component =  $60\% \times (\$2,062.1) = \$1,237.3$

Annual component =  $40\% \times (\$2,062.1) = \$824.9$

### **Upstream Transportation charge:**

The Upstream components (transportation Charge and Dawn transportation charge) are classified directly, in accordance with the amount found on exhibit GI-

36, document 2, Page 1 of 2, Line 19 and Line 20, Column 13. As discussed in Section 3.4.4, these costs are allocated to the various rate classes volumetrically (i.e. based on total transportation deliveries and Dawn transportation allocation factor respectively).

#### **Load balancing charge:**

The load balancing charge classification is explained above in section 3.4.5.

The total cost of \$2,039.3 (\$000) is found on exhibit GI-36, document 2, Page 1 of 2, Line 18, Column 13. The amount is prorated to peaking service and seasonal supplies to reflect allocation of these costs in Rate 200.

Peaking service component	= \$407.9
Seasonal supply component	= \$1,631.5

#### **Gas Supply charge:**

The total gas supply cost of \$10,800.5 (\$000) is shown on exhibit GI-36, document 2, Page 1 of 2. It is derived as the sum of commodity charges for system gas and buy/sell volumes, i.e. the sum of lines 21 and 22.

The gas supply charge, being a variable cost, is classified entirely as gas supply commodity and allocated to the rate classes based on the annual sales allocation factor.

#### **Niagara:**

These costs, in the amount of \$1,460.2 (\$000), are incurred to move gas from Enbridge Gas Distribution's system to Gazifère's franchise area. They are classified and allocated 60/40 peak/annual, as discussed in Section 3.4.6.

Item 2.1, Chart Processing, is classified to Readings Processed.

Items 2.2 and 2.3, System Operations and Mains, follow the same classification as distribution costs in rate base.

The Customer Service function costs are classified to the total number of customers and then allocated to the customers classes based on the number of customers in each class.

Many of the costs incurred in the fourth functional group, Sales Promotion, can be identified with specific classes. General Sales Promotion, Item 4.4, is related to the general promotion of natural gas resulting in increased utilization of gas distribution

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network and ensuring the network's safety. Accordingly, this expense is classified equally between annual natural gas delivered and total number of customers.

Costs comprising the Customer Accounting function, with the exception of Item 5.3, are classified to be shared by all customers. Responsibility for the costs of Meter Reading, Item 5.3, is readily determined and is shown in Column 21.

### **3. Allocation**

The final step, the allocation of the classified costs to the rate classes is found in Documents 2.1 Page 12, 13 and 14. On the right hand side is a column headed "Allocation Factor". The numbers in this column indicate the allocation factor used as identified by its item number in Document 2.1 Page 15.

The explanations of the allocators can be found in Appendix B. As an example, Item 1.1 on Document 2.1 Page 12 is Gazifère's rate base classified as commodity-related. This amount is allocated in proportion to allocation factor number 1.1. Item 1.1 in Document 2.1 Page 15 indicates the absolute and relative responsibility by rate class for annual sales.

The allocation of return and taxes is performed pro rata to the allocated rate base on the basis that income earned attracts income tax.

## **APPENDICES**

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## Appendix A

### DEFINITIONS of CLASSIFICATIONS

Classifier	Description
<b>Gas Costs</b>	
Annual Commodity	Costs of annual commodity supply.
<b>Transmission</b>	
Peak Transmission	Costs for moving peak supplies.
Seasonal Transmission	Costs for moving seasonal supplies.
Annual Transmission	Costs for transporting average annual supply to the Company.
<b>STORAGE</b>	
Deliverability	Costs of meeting demand on days colder than average winter demand.
Space	Costs of meeting average winter demand in excess of average annual demand.
<b>Distribution</b>	
Distribution Commodity	Cost of supply for UUF.
Distribution Capacity	System capacity costs.
<b>Customer Related</b>	
Meters	Costs of customer meters.
Sales Stations	Costs of customer sales stations.
Services	Costs of customer service lines.
Residential Customers	Costs of sales and marketing for the residential market
Commercial/Industrial Customers	Costs of sales and marketing for the commercial and industrial markets.
Total Customers	Costs of customer accounting, marketing, and service operations for all customers.
GST/QST Revenue	Reduction in working cash arising from collection of GST/QST.
Readings Processed	Costs for reading and processing customer bills.

## Appendix B

### ALLOCATION FACTORS

Allocator	Units	Description
<b>Commodity Factors</b>		
Annual Sales	10 <sup>3</sup> m <sup>3</sup>	Annual volumes of gas sales customers.
Total Annual Deliveries	10 <sup>3</sup> m <sup>3</sup>	Annual volumes of all customers.
Total Winter Deliveries	10 <sup>3</sup> m <sup>3</sup>	Winter volumes of all customers.
Heating Load	10 <sup>3</sup> m <sup>3</sup>	Annual volumes used for Heating
Total Transportation Deliveries	10 <sup>3</sup> m <sup>3</sup>	Annual transportation volumes for Sales and WTS customers
Dawn Transportation	10 <sup>3</sup> m <sup>3</sup>	Annual transportation volumes for DTS customers
<b>Capacity Factors</b>		
Capacity Assigned and Used	10 <sup>3</sup> m <sup>3</sup>	Assignment of capacity costs to firm and interruptible volumes based on system utilization
<b>Storage Factors</b>		
Deliverability	10 <sup>3</sup> m <sup>3</sup> /day	Demand in excess of average winter demand.
Space	10 <sup>3</sup> m <sup>3</sup>	Average winter requirement in excess of average annual demand.
<b>Customer Factors</b>		
Meters	(\$000)	Investment in meters.
Sales Stations	(\$000)	Investment in customer sales stations.
Services	(\$000)	Investment in services.
Total Customer Count	Customer count	Average number of customers.
Residential Customer Count	Customer count	Average number of residential customers.
Comm/Ind Customer Count	Customer count	Average number of comm/industrial customers.
Chart Readings	Chart reads	Number of charts read each year.
Meter Readings	Meter reads	Number of meter readings per year.

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## Appendix C

### DESCRIPTION OF ALLOCATED COST ITEMS

Description	Item No.	Explanation of Cost Element
<b>Gas costs</b>		
Annual Commodity	1.1	Cost of Commodity Supply
<b>Load Balancing</b>		
Seasonal	2.1	Cost of Providing Seasonal Load Balancing
Peak	2.2	Cost of Providing Peak Related Load Balancing
Annual	2.3	Cost for Transporting Average Annual Supply through EGD and Niagara Systems
Upstream Transmission	2.4	Cost of Upstream Transportation for Sales and WTS Customers
Dawn –T	2.5	Cost of Upstream Transportation for DTS customers
<b>Storage</b>		
Deliverability	3.1	Storage Costs to Meet Demand on Days Colder than Average Winter Demand
Space	3.2	Storage Costs to Meet Average Winter Demand in Excess of Average Annual Demand
<b>Facilities Costs</b>		
Capacity	4.1	Capacity Component of Distribution Mains Costs
Commodity & UUF Deferral	4.2	Cost of Unaccounted for Gas and UUF Deferral
DSM Direct + Fees	4.3	DSM Direct Cost
DSM Indirect + Deferral + SPEDE	4.4	DSM Indirect Cost
Weather Normalization Deferral	4.5	Amortization of Weather Normalization Deferral
<b>Customer Related</b>		
Meters	5.1	Cost of Customer Meters
Sales Stations	5.2	Cost of Customer Sales Stations
Services	5.3	Cost of Customer Service Lines
Customer Plant	5.4	Customer Component of Distribution Mains Costs
Comm/Ind Customer Count	5.5	Cost of Marketing Promotions for the Comm/Ind Market
Residential Customer Count	5.6	Cost of Marketing Promotions for the Residential Market
Total Customers	5.7	Cost of Customer Accounting and Customer Service Operating Costs
Readings Processed	5.8	Costs for Reading and Processing Customer Bills
GST/QST Revenues	5.9	Working Cash Allowance Arising from Collection of GST/QST
Return	6.1	Cost of Interest on Debt and Approved Return on Equity (ROE)
Taxes	6.2	Income Tax

Original : 2020-12-17  
 Révisé : 2021-04-26  
 Révisé : 2021-08-13

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GAZIFERE INC.  
REVENUE TO COST COMPARISONS  
December 31, 2021

ITEM NO.	DESCRIPTION	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
		TOTAL	TARIF 1	TARIF 2	TARIF 3	TARIF 4	TARIF 5	TARIF 9
1.	Revenues	<u>53 630.0</u>	<u>19 406.0</u>	<u>32 179.2</u>	<u>44.4</u>	<u>227.3</u>	<u>738.7</u>	<u>1 034.4</u>
2.	Costs of Service	<u>53 630.0</u>	<u>18 515.7</u>	<u>32 953.9</u>	<u>44.4</u>	<u>163.2</u>	<u>728.3</u>	<u>1 224.5</u>
3.	Over/Under Contribution	<u>0.0</u>	<u>890.3</u>	<u>(774.7)</u>	<u>(0.0)</u>	<u>64.1</u>	<u>10.5</u>	<u>(190.1)</u>
4.	Over/Under Contribution (\$ per 10**3 delivered)	-	<u>11.5</u>	<u>(11.2)</u>	<u>(0.1)</u>	<u>16.9</u>	<u>0.6</u>	<u>(10.6)</u>
5.	Revenue to Cost Ratio	1,00	1,05	<u>0,98</u>	<u>1,00</u>	<u>1,39</u>	<u>1,01</u>	<u>0,84</u>

GAZIFERE INC.  
REVENUE TO COST COMPARISONS EXCLUDING GAS SUPPLY COMMODITY COSTS  
December 31, 2021

ITEM NO.	DESCRIPTION	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
		TOTAL	TARIF 1	TARIF 2	TARIF 3	TARIF 4	TARIF 5	TARIF 9
1.	Revenues	<u>28 208,0</u>	<u>7 173,1</u>	<u>20 233,4</u>	<u>13,1</u>	<u>147,9</u>	<u>405,1</u>	<u>235,5</u>
2.	Costs of Service	<u>28 208,1</u>	<u>6 298,9</u>	<u>21 014,4</u>	<u>13,7</u>	<u>80,5</u>	<u>378,5</u>	<u>422,1</u>
3.	Over/Under Contribution	0,0	<u>874,1</u>	<u>(781,0)</u>	<u>(0,5)</u>	<u>67,4</u>	<u>26,6</u>	<u>(186,6)</u>
4.	Over/Under Contribution (\$ per 10**3 delivered)		<u>11,3</u>	<u>(11,3)</u>	<u>(2,4)</u>	<u>17,8</u>	<u>1,5</u>	<u>(10,4)</u>
5.	Return on Rate Base	6,0%	<u>8,2%</u>	<u>5,1%</u>	<u>5,0%</u>	<u>20,2%</u>	<u>7,2%</u>	<u>-1,1%</u>
6.	Revenue to Cost Ratio	1,00	<u>1,14</u>	0,96	<u>0,96</u>	<u>1,84</u>	<u>1,07</u>	<u>0,56</u>

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GAZIFERE INC.  
FUNCTIONALIZATION OF RATE BASE  
December 31, 2021

(THOUSANDS OF DOLLARS)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
	TOTAL	GAS SUPPLY	SALES STATIONS	DISTRBTN REGULATION	SERVICES	MAINS	METERS	SALES PROMOTN	CUSTOMER ACCOUNTG	SPECIFIC COSTS	UNIDENTIFIABLE
<b>DISTRIBUTION PLANT</b>											
1.1	LAND (INCL OFFERS TO BUY)	552,0	0,0	0,0	552,0	0,0	0,0	0,0	0,0	0,0	0,0
1.2	STRUCTURES AND IMPROVMENTS	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.3	MAINS	70 432,2	0,0	0,0	0,0	0,0	70 432,2	0,0	0,0	0,0	0,0
1.4	MEAS. REG. & TELEMTRNG	5 222,9	0,0	2 275,7	2 947,2	0,0	0,0	0,0	0,0	0,0	0,0
1.5	SERVICES	34 726,6	0,0	0,0	0,0	34 726,6	0,0	0,0	0,0	0,0	0,0
1.6	METERS	6 108,9	0,0	0,0	0,0	0,0	6 108,9	0,0	0,0	0,0	0,0
1.7	OTHER GAS OPERATIONS	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.8	OVERHEAD CAPITALIZED	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.	TOTAL DISTRIBUTION PLANT	117 042,5	0,0	2 275,7	3 499,1	34 726,6	70 432,2	6 108,9	0,0	0,0	0,0
<b>GENERAL PLANT</b>											
2.1	STRUCTURES AND IMPROVMENTS	392,4	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	392,4
2.2	OFFICE FURNITURE & EQUIP.	150,1	0,0	0,0	0,0	18,8	14,3	0,0	24,0	51,0	0,0
2.3	TRANSPORTATION EQUIP.	799,6	0,0	0,0	0,0	399,8	399,8	0,0	0,0	0,0	0,0
2.4	TOOLS & WORK EQUIP.	68,9	0,0	0,0	0,0	44,5	24,5	0,0	0,0	0,0	0,0
2.5	RENTAL EQUIP.	245,7	0,0	0,0	0,0	158,5	87,2	0,0	0,0	0,0	0,0
2.6	COMPUTER EQUIP.	1 712,4	0,0	0,0	0,0	14,2	10,8	0,0	18,1	1 637,5	0,0
2.7	TELECOMMUNICATIONS	119,9	0,0	0,0	0,0	15,0	11,4	0,0	19,2	40,8	0,0
2.	TOTAL GENERAL PLANT	3 489,1	0,0	0,0	0,0	650,7	547,9	0,0	61,4	1 729,4	0,0
<b>WORKING CAPITAL</b>											
3.1	GAS COSTS	(1 148,0)	(1 148,0)	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
3.2	OPERATING & MAINTENANCE	278,0	0,0	0,8	35,9	59,9	35,7	0,0	34,5	111,2	0,0
3.3	MISC. TAXES	329,0	59,6	0,0	0,0	0,0	0,0	0,0	0,0	0,0	269,4
3.4	INCOME TAXES	56,0	0,0	1,1	1,6	16,4	33,0	2,8	0,0	0,8	0,2
3.5	GST/QST	(442,7)	0,0	0,1	2,4	7,3	4,3	0,0	2,3	7,3	(466,3)
3.6	PROVISION BAD DEBT	(147,5)	0,0	0,0	0,0	0,0	0,0	0,0	0,0	(147,5)	0,0
3.	TOTAL WORKING CAPITAL ALLOW.	(1 075,1)	(1 088,4)	1,9	39,9	83,6	73,0	2,8	36,8	(28,1)	(466,3)
4.	TOTAL	119 456,5	(1 088,4)	2 277,7	3 539,0	35 460,9	71 053,1	6 111,7	98,1	1 701,3	(466,3)

GAZIFERE INC.  
RATE BASE RECONCILIATION  
December 31, 2021

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1.	Rate Base (Cost Study)	119 456,5
Rate Base Excluded in the Cost Study		
2.1	Deferred Expense Items	880,2
2.2	Self Insurance	(238,6)
2.3	Gas Cost Adjustment	440,0
Stabilization Accounts		
2.4	Temperature	-
2.5	UUF	-
2.	Total	1 081,6
3.	Rate Base	<u>120 538,2 (1)</u>

Note (1): The discrepancy of \$3k between item 3 and item 29 of GI-41, Document 2, page 1 of 2, is due to Working Capital has not updated following Regie's decision (D-2021-087). The discrepancies is driven by the change in O&M. The resulting impact to the cost allocation model is negligible.

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GAZIFERE INC.  
FUNCTIONALIZATION OF NET INVESTMENTS  
December 31, 2021

(THOUSANDS OF DOLLARS)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	
	TOTAL	GAS SUPPLY	SALES STATIONS	DISTRBTN REGULATION	SERVICES	MAINS	METERS	SALES PROMOTN	CUSTOMER ACCOUNTG	SPECIFIC COSTS	UNIDENTI- FIABLE	
<u>INVESTMENT COSTS</u>												
1.1	DEPRECIATION	6 182,1	0,0	85,9	111,3	3 013,4	2 281,2	114,2	15,8	461,3	0,0	99,0
1.2	MISC. TAXES	879,1	159,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	720,0
1	TOTAL INVESTMENTS	7 061,2	159,1	85,9	111,3	3 013,4	2 281,2	114,2	15,8	461,3	0,0	819,0
<u>REVENUES</u>												
2.	LATE PAYMENT PENALTIES	(231,0)	0,0	0,0	0,0	0,0	0,0	0,0	0,0	(231,0)	0,0	0,0
		<u>6 830,2</u>	<u>159,1</u>	<u>85,9</u>	<u>111,3</u>	<u>3 013,4</u>	<u>2 281,2</u>	<u>114,2</u>	<u>15,8</u>	<u>230,3</u>	<u>0,0</u>	<u>819,0</u>

FUNCTIONALIZATION OF  
GAZIFERE UTILITY O&M  
December 31, 2021

(THOUSANDS OF DOLLARS)

	Col. 1 TOTAL COSTS	Col. 2 FRINGE BENEFITS	Col. 3 SUB TOTAL	Col. 4 SUPERVISION	Col. 5 SUB TOTAL	Col. 6 A & G OVERHEAD	Col. 7 TOTAL
<b>1. GAS COSTS</b>	25 422,2	-	25 422,2	-	25 422,2	599,7	26 021,9
<b>DISTRIBUTION COSTS</b>							
<b>OPERATING COSTS</b>							
2.1.1 CHART PROCESSING	24,5	-	24,5	0,3	24,8	19,5	44,3
2.1.2 SUB-TOTAL	24,5	0,0	24,5	0,3	24,8	19,5	44,3
2.1.3 SUPERVISION M&R	15,0	-	15,0	(15,0)	-	-	-
2.1.4 SYSTEM OPERATION	937,4	135,5	1 072,9	14,7	1 087,6	855,1	1 942,7
2.1.5 SUB-TOTAL	976,9	135,5	1 112,4	0,0	1 112,4	874,6	1 987,0
2.1.6 SUPERVISION DIST OP	0,0	-	-	-	-	-	-
2.1.7 STABILIZATION ACCOUNTS	(1 648,6)	-	(1 648,6)	-	(1 648,6)	-	(1 648,6)
<b>2.1 TOTAL OPERATING COSTS</b>	<u>(671,7)</u>	135,5	<u>(536,2)</u>	0,0	<u>(536,2)</u>	874,6	<u>338,4</u>
<b>MAINTENANCE COSTS</b>							
2.2.1 SUPERVISION M&R	66,4	-	66,4	(66,4)	-	-	-
2.2.2 MAINS	444,4	89,0	533,4	549,6	1 082,9	851,5	1 934,4
2.2.3 SUB-TOTAL MNTCE	510,7	89,0	599,7	483,2	1 082,9	851,5	1 934,4
2.2.4 SUPERVISION DIST MNTCE	398,8	84,4	483,2	(483,2)	-	-	-
<b>2.2 TOTAL MAINTENANCE COSTS</b>	909,5	173,5	1 082,9	0,0	1 082,9	851,5	1 934,4
<b>CUSTOMER SERVICE COSTS</b>							
<b>OPERATING COSTS</b>							
3.1.1 FRANCISATION	95,7	12,6	108,3	87,7	196,0	154,1	350,1
3.1.2 OTHER SERVICE WORK	202,1	18,9	221,0	178,8	399,8	314,4	714,2
3.1.3 INSPECT APPL INST.	31,9	6,3	38,2	30,9	69,1	54,3	123,5
3.1.4 SUB-TOTAL SERVICE WORK	329,8	37,7	367,5	297,4	664,9	522,8	1 187,8
3.1.5 MTR LOCKS,UNLKS,EXCHNGS	276,6	9,4	286,0	231,5	517,5	406,9	924,4
3.1.6 SUB-TOTAL	606,4	47,2	653,6	528,9	1 182,4	929,7	2 112,2
3.1.7 TRAINING & SUPERVISION	634,1	178,8	812,9	(812,9)	-	-	-
<b>3.1 TOTAL OPERATING COSTS</b>	1 240,4	226,0	1 466,5	(284,0)	1 182,4	929,7	2 112,2

FUNCTIONALIZATION OF  
GAZIFERE UTILITY O&M  
December 31, 2021

(THOUSANDS OF DOLLARS)

**CUSTOMER SERVICE COSTS CON'T**

	Col. 1 TOTAL COSTS	Col. 2 FRINGE BENEFITS	Col. 3 SUB TOTAL	Col. 4 SUPERVISION	Col. 5 SUB TOTAL	Col. 6 A & G OVERHEAD	Col. 7 TOTAL
<b>MAINTENANCE COSTS</b>							
3.2.1 SERVICE LINES	296,2	54,8	351,0	284,0	635,0	499,3	1 134,4
<b>3.2 TOTAL MAINTENANCE COSTS</b>	<u>296,2</u>	<u>54,8</u>	<u>351,0</u>	<u>284,0</u>	<u>635,0</u>	<u>499,3</u>	<u>1 134,4</u>

**SALES PROMOTION COSTS**

4.1 RESIDENTIAL PROMOTION	284,4	86,5	370,9	272,9	643,9	506,3	1 150,1
4.2 COMMERCIAL PROMOTION	189,6	57,7	247,3	182,0	429,2	337,5	766,8
4.3 RES/COMM PROMOTION	-	-	-	-	-	-	-
4.4 GENERAL SALES PROMOTION	24,2	-	24,2	17,8	42,0	33,1	75,1
4.5 SUB-TOTAL	498,2	144,2	642,4	472,7	1 115,2	876,8	1 992,0
4.6 GENERAL SUPERVISION	342,1	130,6	472,7	(472,7)	-	-	-
4.7 DSM PROGRAM	(187,0)	-	(187,0)	-	(187,0)	(147,1)	(334,1)
4.8 DSM GENERAL	117,2	-	117,2	-	117,2	92,2	209,4
<b>4. TOTAL SALES COSTS</b>	<u>770,5</u>	<u>274,8</u>	<u>1 045,3</u>	<u>0,0</u>	<u>1 045,3</u>	<u>821,9</u>	<u>1 867,3</u>

**CUSTOMER ACCOUNTING COSTS**

5.1 BILLING	1 131,0	339,9	1 470,9	862,6	2 333,5	1 834,7	4 168,2
5.2 SERVICE & BILLING ENQUIRY	0,0	0,0	0,0	0,0	0,0	0,0	0,0
5.3 METER READING	295,5	-	295,5	173,3	468,7	368,5	837,3
5.4 CREDIT & COLLECTION	162,9	99,2	262,2	153,8	415,9	327,0	743,0
5.5 SUB-TOTAL	1 589,4	439,1	2 028,5	1 189,6	3 218,1	2 530,3	5 748,4
5.6 CIS & IT SERVICES	1 049,7	139,9	1 189,6	(1 189,6)	-	-	-
5.7 UNCOLLECTIBLES	155,0	-	155,0	-	155,0	121,9	276,9
<b>5. TOTAL CUST ACCOUNTING COSTS</b>	<u>2 794,1</u>	<u>579,0</u>	<u>3 373,1</u>	<u>0,0</u>	<u>3 373,1</u>	<u>2 652,2</u>	<u>6 025,4</u>
6. FRINGE BENEFITS	2 057,0	(2 057,0)	-	-	-	-	-
7. ADMIN & GEN OVERHEAD	6 615,5	613,4	7 228,9	-	7 228,9	(7 228,9)	-
<b>8. TOTAL OPERATING &amp; MAINTENANCE COSTS</b>	<u>39 433,8</u>	<u>(0,0)</u>	<u>39 433,8</u>	<u>0,0</u>	<u>39 433,8</u>	<u>0,0</u>	<u>39 433,8</u>

GAZIFERE INC.  
CLASSIFICATION OF RATE BASE  
December 31, 2021

(THOUSANDS OF DOLLARS)

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Col. 16	Col. 17	Col. 18	Col. 19
		GAS COSTS			----- TRANSMISSION -----			----- STORAGE -----			--- DISTRIBUTION COST			--- CUSTOMER RELATED INVESTMENTS --			---- NUMBER OF CUSTOMER ----			
ITEM NO.	DESCRIPTION	TOTAL	ANNUAL COMMODITY	SEASONAL	PEAK	ANNUAL	PEAK / DELIVER- ABILITY	SPACE	ANNUAL	CAPACITY	COMMODITY	METERS	SALES STATIONS	SERVICES	CUST PLNT	RESID.	COM/IND	TOTAL	READINGS PROCESSED	GST/QST REVENUES
1.	GAS SUPPLY Gas Supply	(1 088,4)	(458,8)	(69,3)	(107,1)	(346,4)	(53,2)	(45,1)	-	-	(8,4)	-	-	-	-	-	-	-	-	-
2.	DISTRIBUTION Mains	71 053,1	-	-	-	-	-	-	-	55 163,6	-	-	-	-	15 889,5	-	-	-	-	-
3.	Distr. Regulation	3 539,0	-	-	-	-	-	-	-	3 539,0	-	-	-	-	-	-	-	-	-	-
4.	CUSTOMER Sales Station	2 277,7	-	-	-	-	-	-	-	-	-	2 277,7	-	-	-	-	-	-	-	-
5.	Meters	6 111,7	-	-	-	-	-	-	-	-	6 111,7	-	-	-	-	-	-	-	-	-
6.	Services	35 460,9	-	-	-	-	-	-	-	-	-	-	35 460,9	-	-	-	-	-	-	-
7.	Sales Promotion	98,1	-	-	-	-	-	-	-	-	49,1	-	-	-	-	-	-	49,1	-	-
8.	Customer Accountng	1 701,3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1 701,3	-	-
9.	Specific Costs	(466,3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(466,3)
10.	Sub-total	118 687,0	(458,8)	(69,3)	(107,1)	(346,4)	(53,2)	(45,1)	0,0	58 702,6	40,6	6 111,7	2 277,7	35 460,9	15 889,5	0,0	0,0	1 750,3	0,0	(466,3)
11.	Unidentifiable	769,5	(3,0)	(0,4)	(0,7)	(2,2)	(0,3)	(0,3)	0,0	379,1	0,3	39,5	14,7	229,0	102,6	0,0	0,0	11,3	0,0	0,0
12.	Total Classified	119 456,5	(461,8)	(69,8)	(107,8)	(348,7)	(53,5)	(45,4)	0,0	59 081,7	40,9	6 151,2	2 292,4	35 689,9	15 992,1	0,0	0,0	1 761,6	0,0	(466,3)

GAZIFERE INC.  
CLASSIFICATION OF NET INVESTMENT COSTS  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	DESCRIPTION	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Col. 16	Col. 17	Col. 18	Col. 19	
		TOTAL	ANNUAL COMMODITY	SEASONAL	PEAK	ANNUAL	PEAK / DELIVER- ABILITY	SPACE	ANNUAL	CAPACITY	COMMODITY	METERS	SALES STATIONS	SERVICES	CUST PLNT	RESID.	COM/IND	TOTAL	READINGS PROCESSED	GST/QST REVENUES	
1.	GAS SUPPLY Gas Supply	159,1	67,1	10,1	15,7	50,6	7,8	6,6	-	-	1,2	-	-	-	-	-	-	-	-	-	
2.	DISTRIBUTION Mains	2 281,2	-	-	-	-	-	-	-	1 771,1	-	-	-	-	510,1	-	-	-	-	-	
3.	Distr. Regulation	111,3	-	-	-	-	-	-	-	111,3	-	-	-	-	-	-	-	-	-	-	
	Sub-total	2 392,5	0,0	0,0	0,0	0,0	0,0	0,0	0,0	1 882,3	0,0	0,0	0,0	0,0	510,1	0,0	0,0	0,0	0,0	0,0	
4.	CUSTOMER Sales Station	85,9	-	-	-	-	-	-	-	-	-	-	85,9	-	-	-	-	-	-	-	
5.	Meters	114,2	-	-	-	-	-	-	-	-	-	114,2	-	-	-	-	-	-	-	-	
6.	Services	3 013,4	-	-	-	-	-	-	-	-	-	-	3 013,4	-	-	-	-	-	-	-	
7.	Sales Promotion	15,8	-	-	-	-	-	-	-	-	7,9	-	-	-	-	-	-	-	7,9	-	
8.	Customer Accountng	230,3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	230,3	-	
9.	Specific Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10.	Sub-total	3 459,7	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	7,9	114,2	85,9	3 013,4	0,0	0,0	0,0	0,0	238,2	0,0	
11.	Unidentifiable	819,0	(3,2)	(0,5)	(0,7)	(2,4)	(0,4)	(0,3)	-	405,0	0,3	42,2	15,7	244,7	109,6	-	-	-	12,1	-	(3,2)
12.	Total Classified	<u>6 830,2</u>	<u>63,9</u>	<u>9,7</u>	<u>14,9</u>	<u>48,3</u>	<u>7,4</u>	<u>6,3</u>	<u>-</u>	<u>2 287,4</u>	<u>9,4</u>	<u>156,4</u>	<u>101,6</u>	<u>3 258,1</u>	<u>619,8</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>250,3</u>	<u>-</u>	<u>(3,2)</u>

GAZIFERE INC.  
CLASSIFICATION OF O&M EXPENSE  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	DESCRIPTION	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Col. 16	Col. 17	Col. 18	Col. 19	Col. 20	Col. 21	
		TOTAL	ANNUAL COMMODITY	SEASONAL	PEAK	ANNUAL	UPSTREAM TRANSPORT	DELIVER-ABILITY	SPACE	ANNUAL	CAPACITY	COMMODITY	DSM DIRECT	DSM INDIRECT	WEATHER NORMALIZE	METERS	STATIONS	SERVICES	CUST PLNT	RESID.	COM/IND	TOTAL	READINGS PROCESSED
1.	Gas Purchased	26,021.9	10,716.7	1,618.8	2,501.7	1,398.0	6,693.7	1,241.7	1,054.3	-	599.7	197.3	-	-	-	-	-	-	-	-	-	-	-
	DISTRIBUTION COSTS																						
	OPERATING COSTS																						
2.1	Chart Processing	44.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.3
2.2	System Ops.	1,942.7	-	-	-	-	-	-	-	-	1,528.9	-	-	-	-	-	-	-	-	-	-	-	-
2.3	Deferral/YFactor Accounts	(1,648.6)	-	-	-	-	-	-	-	-	-	(253.3)	-	-	(1,395.3)	-	-	-	-	-	-	-	413.8
	MAINTENANCE COSTS																						
2.4	Mains	1,934.4	-	-	-	-	-	-	-	-	1,522.4	-	-	-	-	-	-	-	-	-	-	-	412.1
2.	Total Dist. Costs	2,272.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,051.2	(253.3)	0.0	0.0	(1,395.3)	0.0	0.0	0.0	825.9	0.0	0.0	0.0	44.3
	CUSTOMER SERVICE																						
	OPERATING COSTS																						
3.1	Heating Equip.	350.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	350.1
3.2	Other Service Work	714.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	714.2
3.3	Appliance Insp.	123.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	123.5
3.4	Locks/Unlocks/Exch	924.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	924.4
	MAINTENANCE COSTS																						
3.5	Service Lines	1,134.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,134.4	-	-	-	-	-	-
3.	Total Customer Service	3,246.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,134.4	0.0	0.0	0.0	0.0	0.0	2,112.2
	SALES PROMOTION																						
4.1	Residential	1,150.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,150.1	0.0	0.0	0.0
4.2	Commercial	766.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	766.8	0.0	0.0
4.3	Res./Comm.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	General Promotions	75.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.6
4.5	DSM Program	(334.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(334.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	DSM General	209.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	209.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	Deferral/YFactor Accounts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	Total Promotions	1,867.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.6	(334.1)	209.4	0.0	0.0	0.0	0.0	0.0	1,150.1	766.8	0.0	37.6
	CUSTOMER ACCOUNTING																						
5.1	Billing	4,168.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,168.2
5.2	Enquiry	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
5.3	Readings	837.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	837.3
5.4	Credit	743.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	743.0
5.5	Uncollectibles	276.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	276.9
5.	Total Cust. Acctg.	6,025.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,188.1
6.	Total O and M	39,433.8	10,716.7	1,618.8	2,501.7	1,398.0	6,693.7	1,241.7	1,054.3	0.0	3,650.9	(18.5)	(334.1)	209.4	(1,395.3)	0.0	0.0	1,134.4	825.9	1,150.1	766.8	7,337.8	881.6

GAZIFERE INC.  
CLASSIFICATION OF GAS COSTS  
December 31, 2021

(THOUSANDS OF DOLLARS)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	
		---GAS COSTS---		----- TRANSMISSION -----			----- STORAGE COSTS -----		----- DISTRIBUTION -----			
ITEM NO.	TOTAL COST	ANNUAL COMMODITY	SEASONAL	PEAK	ANNUAL	UPSTREAM TRANSPORT.	PEAK / DELIVER-ABILITY	SPACE	ANNUAL	CAPACITY	COMMODITY	
1.1	DIST'N (BLOCKS)	2 062,1	0,0	0,0	1 237,3	824,9	0,0	0,0	0,0	0,0	0,0	
1.2	STORAGE	2 314,0	0,0	0,0	0,0	0,0	1 251,5	1 062,5	0,0	0,0	0,0	
1.3	LOAD BALANCING	8 785,4	0,0	1 631,5	407,9	0,0	6 746,0	0,0	0,0	0,0	0,0	
1.4	FUEL GAS	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
1.5	GAS SUPPLY	10 800,5	10 800,5	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
1.6	NIAGARA GAS	1 460,2	0,0	0,0	876,1	584,1	0,0	0,0	0,0	0,0	0,0	
1.	TOTAL	<u>25 422,2</u>	<u>10 800,5</u>	<u>1 631,5</u>	<u>2 521,3</u>	<u>1 409,0</u>	<u>6 746,0</u>	<u>1 251,5</u>	<u>1 062,5</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>
2.1	UUF ADJUSTMENT	0,0	(83,8)	(12,7)	(19,6)	(10,9)	(52,3)	(9,7)	(8,2)	0,0	0,0	197,3
2.	SUB-TOTAL	<u>25 422,2</u>	<u>10 716,7</u>	<u>1 618,8</u>	<u>2 501,7</u>	<u>1 398,0</u>	<u>6 693,7</u>	<u>1 241,7</u>	<u>1 054,3</u>	<u>0,0</u>	<u>0,0</u>	<u>197,3</u>
3.1	A & G	<u>599,7</u>	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	<u>599,7</u>	0,0
3.	TOTAL	<u><u>26 021,9</u></u>	<u><u>10 716,7</u></u>	<u><u>1 618,8</u></u>	<u><u>2 501,7</u></u>	<u><u>1 398,0</u></u>	<u><u>6 693,7</u></u>	<u><u>1 241,7</u></u>	<u><u>1 054,3</u></u>	<u><u>0,0</u></u>	<u><u>599,7</u></u>	<u><u>197,3</u></u>

GAZIFERE INC.  
ALLOCATION OF RATE BASE  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	DESCRIPTION	Col. 1 RATE BASE	Col. 2 TARIF 1	Col. 3 TARIF 2	Col. 4 TARIF 3	Col. 5 TARIF 4	Col. 6 TARIF 5	Col. 7 TARIF 9	ALLOCATION FACTOR
<u>GAS COSTS</u>									
1.1	Annual Commodity	(461,8)	(222,8)	(225,3)	(0,7)	0,0	0,0	(12,9)	1,1
1.	Total Gas Cost	<u>(461,8)</u>	<u>(222,8)</u>	<u>(225,3)</u>	<u>(0,7)</u>	<u>0,0</u>	<u>0,0</u>	<u>(12,9)</u>	
<u>LOAD BALANCING</u>									
<u>TRANSMISSION</u>									
2.1	Seasonal	(69,8)	(34,1)	(32,9)	(0,0)	(0,2)	(0,1)	(2,4)	3,2
2.2	Peak	(107,8)	(54,2)	(49,0)	(0,1)	(0,8)	(3,8)	0,0	3,3
2.3	Annual	(348,7)	(144,7)	(129,1)	(0,4)	(7,1)	(34,0)	(33,4)	1,2
2.	Total Transmission	<u>(526,2)</u>	<u>(233,0)</u>	<u>(211,0)</u>	<u>(0,5)</u>	<u>(8,1)</u>	<u>(37,8)</u>	<u>(35,8)</u>	
<u>STORAGE</u>									
3.1	Deliverability	(53,5)	(28,5)	(25,0)	(0,0)	0,0	0,0	0,0	3,1
3.2	Space	(45,4)	(22,2)	(21,4)	(0,0)	(0,2)	(0,0)	(1,6)	3,2
3.3	Annual	0,0	0,0	0,0	0,0	0,0	0,0	0,0	3,3
3.	Total Storage	<u>(98,9)</u>	<u>(50,7)</u>	<u>(46,4)</u>	<u>(0,0)</u>	<u>(0,2)</u>	<u>(0,0)</u>	<u>(1,6)</u>	
<u>FACILITIES' COSTS</u>									
<u>DISTRIBUTION FACILITIES</u>									
4.1	Capacity	59 081,7	28 656,4	25 872,1	42,6	427,6	2 059,2	2 023,9	2,1
4.2	Commodity	40,9	17,0	15,1	0,0	0,8	4,0	3,9	1,2
4	Total Distribution	<u>59 122,6</u>	<u>28 673,3</u>	<u>25 887,3</u>	<u>42,7</u>	<u>428,4</u>	<u>2 063,1</u>	<u>2 027,8</u>	
<u>CUSTOMER RELATED</u>									
5.1	Meters	6 151,2	1 443,4	4 667,0	2,1	0,4	6,8	31,4	4,1
5.2	Sales Stations	2 292,4	2 073,4	0,0	0,0	0,3	11,6	207,0	4,2
5.3	Services	35 689,9	2 780,7	32 787,4	4,4	0,8	2,1	114,5	4,3
5.4	Customer Plant	15 992,1	1 223,8	14 765,7	0,7	0,4	0,4	1,1	4,4
5.5	Comm/Ind. Customers	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,6
5.6	Residential Customers	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,7
5.7	Total Customers	1 761,6	134,8	1 626,5	0,1	0,0	0,0	0,1	4,5
5.8	Readings Processed	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4.8 & 4.9
5.9	GST/QST Revenues	(466,3)	(168,7)	(279,8)	(0,4)	(2,0)	(6,4)	(9,0)	Revenues
5	Total Customer Related	<u>61 420,9</u>	<u>7 487,4</u>	<u>53 566,9</u>	<u>7,0</u>	<u>(0,1)</u>	<u>14,6</u>	<u>345,1</u>	
6	Total Rate Base	<u>119 456,5</u>	<u>35 654,2</u>	<u>78 971,4</u>	<u>48,4</u>	<u>420,1</u>	<u>2 039,9</u>	<u>2 322,5</u>	



GAZIFERE INC.  
ALLOCATION OF RETURN & TAXES  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	DESCRIPTION	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	ALLOCATION FACTOR
		RATE BASE	RETURN & TAXES	TARIF 1	TARIF 2	TARIF 3	TARIF 4	TARIF 5	TARIF 9	
<u>GAS COSTS</u>										
1.1	Annual Commodity	(461,8)	(31,2)	(15,0)	(15,2)	(0,0)	0,0	0,0	(0,9)	1,1
1.	Total Gas Cost	<u>(461,8)</u>	<u>(31,2)</u>	<u>(15,0)</u>	<u>(15,2)</u>	<u>(0,0)</u>	<u>0,0</u>	<u>0,0</u>	<u>(0,9)</u>	
<u>LOAD BALANCING</u>										
<u>TRANSMISSION</u>										
2.1	Seasonal	(69,8)	(4,7)	(2,3)	(2,2)	(0,0)	(0,0)	(0,0)	(0,2)	3,2
2.2	Peak	(107,8)	(7,3)	(3,7)	(3,3)	(0,0)	(0,1)	(0,3)	0,0	3,3
2.3	Annual	(348,7)	(23,5)	(9,8)	(8,7)	(0,0)	(0,5)	(2,3)	(2,3)	1,2
2.	Total Transmission	<u>(526,2)</u>	<u>(35,5)</u>	<u>(15,7)</u>	<u>(14,2)</u>	<u>(0,0)</u>	<u>(0,5)</u>	<u>(2,6)</u>	<u>(2,4)</u>	
<u>STORAGE</u>										
3.1	Deliverability	(53,5)	(3,6)	(1,9)	(1,7)	(0,0)	0,0	0,0	0,0	3,1
3.2	Space	(45,4)	(3,1)	(1,5)	(1,4)	(0,0)	(0,0)	(0,0)	(0,1)	3,2
3.3	Annual	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
3.	Total Storage	<u>(98,9)</u>	<u>(6,7)</u>	<u>(3,4)</u>	<u>(3,1)</u>	<u>(0,0)</u>	<u>(0,0)</u>	<u>(0,0)</u>	<u>(0,1)</u>	
<u>FACILITIES' COSTS</u>										
<u>DISTRIBUTION FACILITIES</u>										
4.1	Capacity	59 081,7	<u>3 987,1</u>	<u>1 933,9</u>	<u>1 746,0</u>	2,9	28,9	139,0	136,6	2,1
4.2	Commodity	40,9	2,8	1,1	<u>1,0</u>	0,0	0,1	0,3	0,3	1,2
4.	Total Distribution	<u>59 122,6</u>	<u>3 989,9</u>	<u>1 935,0</u>	<u>1 747,0</u>	<u>2,9</u>	<u>28,9</u>	<u>139,2</u>	<u>136,8</u>	
<u>CUSTOMER RELATED</u>										
5.1	Meters	6 151,2	415,1	97,4	315,0	0,1	0,0	0,5	2,1	4,1
5.2	Reg. Stations	2 292,4	154,7	139,9	0,0	0,0	0,0	0,8	14,0	4,2
5.3	Services	35 689,9	<u>2 408,5</u>	187,7	<u>2 212,7</u>	0,3	0,1	0,1	7,7	4,3
5.4	Customer Plant	15 992,1	<u>1 079,2</u>	82,6	<u>996,5</u>	0,0	0,0	0,0	0,1	4,4
5.5	Comm/Ind. Customers	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,6
5.6	Residential Customers	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,7
5.7	Total Customers	1 761,6	118,9	9,1	109,8	0,0	0,0	0,0	0,0	4,5
5.8	Readings Processed	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4.8 & 4.9
5.9	GST/QST Revenues	(466,3)	(31,5)	(11,4)	(18,9)	(0,0)	(0,1)	(0,4)	(0,6)	Revenues
5.	Total Customer Related	<u>61 420,9</u>	<u>4 145,0</u>	<u>505,3</u>	<u>3 615,0</u>	<u>0,5</u>	<u>(0,0)</u>	<u>1,0</u>	<u>23,3</u>	
6.	Total Rate Base	<u>119 456,5</u>	<u>8 061,5</u>	<u>2 406,1</u>	<u>5 329,4</u>	<u>3,3</u>	<u>28,3</u>	<u>137,7</u>	<u>156,7</u>	

GAZIFERE INC.  
ALLOCATION OF THE COSTS OF SERVICE  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	DESCRIPTION	Col. 1 O&M COSTS	Col. 2 NET INV. COSTS	Col. 3 TOTAL	Col. 4 TARIF 1	Col. 5 TARIF 2	Col. 6 TARIF 3	Col. 7 TARIF 4	Col. 8 TARIF 5	Col. 9 TARIF 9	ALLOCATION FACTOR
<b>GAS COSTS</b>											
1.1	Annual Commodity	10 716,7	63,9	10 780,6	5 201,9	5 260,5	16,5	0,0	0,0	301,7	1,1
1.2	System Gas Sales	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	1,4
1.	Total Gas Cost	10 716,7	63,9	10 780,6	5 201,9	5 260,5	16,5	0,0	0,0	301,7	
<b>LOAD BALANCING</b>											
<b>TRANSMISSION</b>											
2.1	Seasonal / Interruptible Credit	1 618,8	9,7	1 628,5	796,7	767,5	0,8	5,5	1,2	56,8	3,2
2.2	Peak	2 501,7	14,9	2 516,7	1 265,8	1 143,0	1,9	18,2	87,7	0,0	3,3
2.3	Annual	1 398,0	48,3	1 446,3	645,0	596,6	1,3	19,1	82,5	101,8	1,3
2.4	Upstream Transportation	6 334,3	0,0	6 334,3	3 056,5	3 090,9	9,7	0,0	0,0	177,3	1,6
2.5	Dawn Transportation	359,4	0,0	359,4	72,6	0,0	0,0	30,2	145,4	111,2	1,7
2.	Total Transmission	12 212,2	72,8	12 285,1	5 836,5	5 598,0	13,6	72,9	316,9	447,1	
<b>STORAGE</b>											
3.1	Deliverability	1 241,7	7,4	1 249,1	665,3	583,2	0,6	0,0	0,0	0,0	3,1
3.2	Space	1 054,3	6,3	1 060,6	518,8	499,8	0,5	3,6	0,8	37,0	3,2
3.3	Annual	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
3.	Total Storage	2 296,0	13,7	2 309,7	1 184,2	1 083,1	1,1	3,6	0,8	37,0	
<b>FACILITIES' COSTS</b>											
<b>DISTRIBUTION FACILITIES</b>											
4.1	Capacity	3 650,9	2 287,4	5 938,3	2 880,2	2 600,4	4,3	43,0	207,0	203,4	2,1
4.2	Commodity & UUF Deferral	(18,5)	9,4	(9,1)	(3,8)	(3,4)	(0,0)	(0,2)	(0,9)	(0,9)	1,2
4.3	DSM Direct + Fees	531,4	0,0	531,4	37,0	308,6	1,0	17,5	84,4	82,9	
4.4	DSM Indirect + Deferral + SPEDE	209,4	0,0	209,4	185,8	23,6	0,0	0,0	0,0	0,0	1,2
4.5	Weather Normalization Deferral	(1 395,3)	0,0	(1 395,3)	(688,9)	(704,1)	(2,3)	0,0	0,0	0,0	1,5
4.	Total Distribution	2 977,9	2 296,8	5 274,7	2 410,3	2 225,1	3,0	60,3	290,5	285,5	
<b>CUSTOMER RELATED</b>											
5.1	Meters	0,0	156,4	156,4	36,7	118,6	0,1	0,0	0,2	0,8	4,1
5.2	Sales Stations	0,0	101,6	101,6	91,9	0,0	0,0	0,0	0,5	9,2	4,2
5.3	Services	1 134,4	3 258,1	4 392,5	342,2	4 035,3	0,5	0,1	0,3	14,1	4,3
5.4	Customer Plant	825,9	619,8	1 445,7	110,6	1 334,8	0,1	0,0	0,0	0,1	4,4
5.5	Comm/Ind. Customers	766,8	0,0	766,8	765,2	0,0	0,5	0,2	0,2	0,7	4,6
5.6	Residential Customers	1 150,1	0,0	1 150,1	0,0	1 150,1	0,0	0,0	0,0	0,0	4,7
5.7	Total Customers	7 337,8	250,3	7 588,1	580,7	7 006,2	0,3	0,2	0,2	0,5	4,5
5.8	Readings Processed	881,6	0,0	881,6	89,8	773,6	6,8	2,3	2,3	6,8	4.8 & 4.9
5.9	GST/QST Revenues	0,0	(3,2)	(3,2)	(1,5)	(1,6)	(0,0)	0,0	0,0	(0,1)	Revenues
5.	Total Customer Related	12 096,5	4 383,0	16 479,5	2 015,6	14 417,0	8,3	2,8	3,7	32,1	
6.1	Return	7 160,0	0,0	7 160,0	2 137,0	4 733,4	2,9	25,2	122,3	139,2	5
6.2	Taxes	901,5	0,0	901,5	269,1	596,0	0,4	3,2	15,4	17,5	5
6.	Return and Taxes	8 061,5	0,0	8 061,5	2 406,1	5 329,4	3,3	28,3	137,7	156,7	
7.	Total Facilities	23 135,9	6 679,8	29 815,7	6 832,1	21 971,5	14,5	91,5	431,8	474,3	
8.	Total before Earnings Sharing	48 360,8	6 830,2	55 191,1	19 054,7	33 913,1	45,7	168,0	749,5	1 260,1	
9.	Earnings Sharing	(1 561,1)	0,0	(1 561,1)	(539,0)	(959,3)	(1,3)	(4,8)	(21,2)	(35,6)	
10.	Total Costs of Service	46 799,7	6 830,2	53 630,0	18 515,7	32 953,9	44,4	163,2	728,3	1 224,5	

GAZIFERE INC.  
ALLOCATION FACTORS  
December 31, 2021

ITEM NO.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 7	
	FACTOR TOTAL	TARIF 1	TARIF 2	TARIF 3	TARIF 4	TARIF 5	TARIF 6	TARIF 9	
<b>COMMODITY RESPONSIBILITY</b>									
1.1	Annual Sales	142 074,1	68 554,6	69 326,2	217,5	0,0	0,0	0,0	3 975,8
1.2	Annual Deliveries	187 188,8	77 665,3	69 329,3	217,5	3 789,4	18 250,0	0,0	17 937,2
1.3	Winter Deliveries	106 597,9	47 537,8	43 975,5	93,7	1 405,7	6 084,1	0,0	7 501,1
1.4	System Gas Sales	83 769,3	30 630,2	53 138,6	0,6	0,0	0,0	0,0	0,0
1,5	Heating Load	132 308,8	65 325,5	66 765,8	217,5	0,0	0,0	1,0	0,0
1,6	Transportation Deliveries	142 074,1	68 554,6	69 326,2	217,5	0,0	0,0	0,0	3 975,8
1,7	Dawn Transportation	45 114,7	9 110,7	3,1	0,0	3 789,4	18 250,0		13 961,4
<b>CAPACITY RESPONSIBILITY</b>									
2.1	Capacity Assigned and Used	100,0	48,5	43,8	0,1	0,7	3,5	0,0	3,4
<b>STORAGE AND PEAK RESPONSIBILITY</b>									
3,1	Deliverability	617,1	328,7	288,2	0,3	0,0	0,0	0,0	0,0
3,2	Space	44 543,5	21 791,3	20 992,4	21,6	149,5	34,1	0,0	1 554,8
3,3	Peak	1 434,6	721,6	651,6	1,1	10,4	50,0	0,0	0,0
<b>CUSTOMER RESPONSIBILITY</b>									
4,1	Meters	6 151	1 443	4 667	2	0	7	0	31
4,2	Sales Stations	2 292	2 073	0	0	0	12	0	207
4,3	Services	35 690	2 781	32 787	4	1	2	0	115
4,4	Customer Related Plant	43 759	3 349	40 404	2	1	1	0	3
4,5	Total Customer Count	43 759	3 349	40 404	2	1	1	0	3
4,6	Comm/Ind Customer Count	3 356	3 349	0	2	1	1	0	3
4,7	Residential Customer Count	40 404	0	40 404	0	0	0	0	0
4,8	Chart Readings per Year	7 091	4 171	0	1 095	365	365	0	1 095
4,9	Meter Readings per Year	254 665	19 390	235 287	(12)	0	0	0	0
5.	Rate Base	119 456,5	<u>35 654,2</u>	<u>78 971,4</u>	48,4	420,1	2 039,9	0,0	<u>2 322,5</u>

GAZIFERE INC.  
ALLOCATION PERCENTAGES  
December 31, 2021

ITEM	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
	FACTOR TOTAL	TARIF 1	TARIF 2	TARIF 3	TARIF 4	TARIF 5	TARIF 9
<b>COMMODITY RESPONSIBILITY</b>							
1.1	Annual Sales	1,0000	0,4825	0,4880	0,0015	0,0000	0,0280
1.2	Annual Deliveries	1,0000	0,4149	0,3704	0,0012	0,0202	0,0958
1.3	Winter Deliveries	1,0000	0,4460	0,4125	0,0009	0,0132	0,0704
1.4	System Gas Sales	1,0000	0,3656	0,6343	0,0000	0,0000	0,0000
1.5	Heating Load	1,0000	0,4937	0,5046	0,0016	0,0000	0,0000
1.6	Transportation Deliveries	1,0000	0,4825	0,4880	0,0015	0,0000	0,0280
1.7	Dawn Transportation	1,0000	0,2019	0,0001	0,0000	0,0840	0,3095
<b>CAPACITY RESPONSIBILITY</b>							
2.1	Capacity Assigned and Used	1,0000	0,4850	0,4379	0,0007	0,0072	0,0349
<b>STORAGE AND PEAK RESPONSIBILITY</b>							
3.1	Deliverability	1,0000	0,5326	0,4669	0,0005	0,0000	0,0000
3.2	Space	1,0000	0,4892	0,4713	0,0005	0,0034	0,0349
3.3	Peak	1,0000	0,5030	0,4542	0,0007	0,0072	0,0000
<b>CUSTOMER RESPONSIBILITY</b>							
4.1	Meters	1,0000	0,2347	0,7587	0,0003	0,0001	0,0051
4.2	Sales Stations	1,0000	0,9045	0,0000	0,0000	0,0001	0,0903
4.3	Services	1,0000	0,0779	0,9187	0,0001	0,0000	0,0032
4.4	Customer Related Plant	1,0000	0,0765	0,9233	0,0000	0,0000	0,0001
4.5	Total Customer Count	1,0000	0,0765	0,9233	0,0000	0,0000	0,0001
4.6	Comm/Ind Customer Count	1,0000	0,9979	0,0000	0,0006	0,0003	0,0009
4.7	Residential Customer Count	1,0000	0,0000	1,0000	0,0000	0,0000	0,0000
4.8	Chart Readings per Year	1,0000	0,5882	0,0000	0,1544	0,0515	0,1544
4.9	Meter Readings per Month	1,0000	0,0761	0,9239	(0,0000)	0,0000	0,0000
5.	Rate Base	1,0000	0,2985	0,6611	0,0004	0,0035	0,0194

GAZIFERE INC.  
FUNCTIONALIZATION OF RATE BASE (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
	TOTAL	GAS SUPPLY	SALES STATIONS	DISTRBTN REGULATION	SERVICES	MAINS	METERS	SALES PROMOTN	CUSTOMER ACCOUNTG	SPECIFIC COSTS	UNIDENTIFIABLE
<b>DISTRIBUTION PLANT</b>											
1.1	LAND (INCL OFFERS TO BUY)	552,0	0,0	0,0	552,0	0,0	0,0	0,0	0,0	0,0	0,0
1.2	STRUCTURES AND IMPROVMENTS	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.3	MAINS	70 432,2	0,0	0,0	0,0	0,0	70 432,2	0,0	0,0	0,0	0,0
1.4	MEAS. REG. & TELEMTRNG	5 222,9	0,0	2 275,7	2 947,2	0,0	0,0	0,0	0,0	0,0	0,0
1.5	SERVICES	34 726,6	0,0	0,0	0,0	34 726,6	0,0	0,0	0,0	0,0	0,0
1.6	METERS	6 108,9	0,0	0,0	0,0	0,0	6 108,9	0,0	0,0	0,0	0,0
1.7	OTHER GAS OPERATIONS	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.8	OVERHEAD CAPITALIZED	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.	TOTAL DISTRIBUTION PLANT	117 042,5	0,0	2 275,7	3 499,1	34 726,6	70 432,2	6 108,9	0,0	0,0	0,0
<b>GENERAL PLANT</b>											
2.1	STRUCTURES AND IMPROVMENTS	392,4	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	392,4
2.2	OFFICE FURNITURE & EQUIP.	150,1	0,0	0,0	0,0	18,8	14,3	0,0	24,0	51,0	0,0
2.3	TRANSPORTATION EQUIP.	799,6	0,0	0,0	0,0	399,8	399,8	0,0	0,0	0,0	0,0
2.4	TOOLS & WORK EQUIP.	68,9	0,0	0,0	0,0	44,5	24,5	0,0	0,0	0,0	0,0
2.5	RENTAL EQUIP.	245,7	0,0	0,0	0,0	158,5	87,2	0,0	0,0	0,0	0,0
2.6	COMPUTER EQUIP.	1 712,4	0,0	0,0	0,0	14,2	10,8	0,0	18,1	1 637,5	0,0
2.7	TELECOMMUNICATIONS	119,9	0,0	0,0	0,0	15,0	11,4	0,0	19,2	40,8	0,0
2.	TOTAL GENERAL PLANT	3 489,1	0,0	0,0	0,0	650,7	547,9	0,0	61,4	1 729,4	0,0
<b>WORKING CAPITAL</b>											
3.1	GAS COSTS	(1 148,0)	(1 148,0)	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
3.2	OPERATING & MAINTENANCE	278,0	0,0	0,8	35,9	59,9	35,7	0,0	34,5	111,2	0,0
3.3	MISC. TAXES	329,0	59,6	0,0	0,0	0,0	0,0	0,0	0,0	0,0	269,4
3.4	INCOME TAXES	56,0	0,0	1,1	1,6	16,4	33,0	2,8	0,0	0,8	0,2
3.5	GST/QST	(442,7)	0,0	0,1	2,4	7,3	4,3	0,0	2,3	7,3	(466,3)
3.6	PROVISION BAD DEBT	(147,5)	0,0	0,0	0,0	0,0	0,0	0,0	0,0	(147,5)	0,0
3.	TOTAL WORKING CAPITAL ALLOW.	(1 075,1)	(1 088,4)	1,9	39,9	83,6	73,0	2,8	36,8	(28,1)	(466,3)
4.	TOTAL	119 456,5	(1 088,4)	2 277,7	3 539,0	35 460,9	71 053,1	6 111,7	98,1	1 701,3	(466,3)

GAZIFERE INC.  
RATE BASE RECONCILIATION (WITH NO GAS COST)  
December 31, 2021

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1.	Rate Base (Cost Study)	119 456,5
Rate Base Excluded in the Cost Study		
2.1	Deferred Expense Items	880,2
2.2	Self Insurance	(238,6)
2.3	Gas Cost Adjustment	440,0
Stabilization Accounts		
2.4	Temperature	-
2.5	UUF	-
		<hr/>
2.	Total	1 081,6
3.	Rate Base	<u>120 538,2</u>

GAZIFERE INC.  
FUNCTIONALIZATION OF NET INVESTMENTS (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	
	<u>TOTAL</u>	<u>GAS SUPPLY</u>	<u>SALES STATIONS</u>	<u>DISTRBTN REGULATION</u>	<u>SERVICES</u>	<u>MAINS</u>	<u>METERS</u>	<u>SALES PROMOTN</u>	<u>CUSTOMER ACCOUNTG</u>	<u>SPECIFIC COSTS</u>	<u>UNIDENTI- FIABLE</u>	
<u>INVESTMENT COSTS</u>												
1.1	DEPRECIATION	6 182,1	0,0	85,9	111,3	3 013,4	2 281,2	114,2	15,8	461,3	0,0	99,0
1.2	MISC. TAXES	879,1	159,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	720,0
1	TOTAL INVESTMENTS	<u>7 061,2</u>	<u>159,1</u>	<u>85,9</u>	<u>111,3</u>	<u>3 013,4</u>	<u>2 281,2</u>	<u>114,2</u>	<u>15,8</u>	<u>461,3</u>	<u>0,0</u>	<u>819,0</u>
<u>REVENUES</u>												
2.	LATE PAYMENT PENALTIES	(231,0)	0,0	0,0	0,0	0,0	0,0	0,0	0,0	(231,0)	0,0	0,0
		<u>6 830,2</u>	<u>159,1</u>	<u>85,9</u>	<u>111,3</u>	<u>3 013,4</u>	<u>2 281,2</u>	<u>114,2</u>	<u>15,8</u>	<u>230,3</u>	<u>0,0</u>	<u>819,0</u>

FUNCTIONALIZATION OF  
GAZIFERE UTILITY O&M (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

	Col. 1 TOTAL COSTS	Col. 2 FRINGE BENEFITS	Col. 3 SUB TOTAL	Col. 4 SUPERVISION	Col. 5 SUB TOTAL	Col. 6 A & G OVERHEAD	Col. 7 TOTAL
<b>1. GAS COSTS</b>	0,0	-	-	-	-	-	-
<b>DISTRIBUTION COSTS</b>							
<b>OPERATING COSTS</b>							
2.1.1 CHART PROCESSING	24,5	-	24,5	0,3	24,8	21,3	<u>46,1</u>
2.1.2 SUB-TOTAL	24,5	0,0	24,5	0,3	24,8	21,3	<u>46,1</u>
2.1.3 SUPERVISION M&R	15,0	-	15,0	(15,0)	-	-	-
2.1.4 SYSTEM OPERATION	937,4	135,5	1 072,9	14,7	1 087,6	<u>932,5</u>	<u>2 020,0</u>
2.1.5 SUB-TOTAL	976,9	135,5	1 112,4	0,0	1 112,4	<u>953,7</u>	<u>2 066,1</u>
2.1.6 SUPERVISION DIST OP	0,0	-	-	-	-	-	-
2.1.7 STABILIZATION ACCOUNTS	<u>(1 648,6)</u>	-	<u>(1 648,6)</u>	-	<u>(1 648,6)</u>	-	<u>(1 648,6)</u>
<b>2.1 TOTAL OPERATING COSTS</b>	<u>(671,7)</u>	135,5	<u>(536,2)</u>	0,0	<u>(536,2)</u>	<u>953,7</u>	<u>417,5</u>
<b>MAINTENANCE COSTS</b>							
2.2.1 SUPERVISION M&R	66,4	-	66,4	(66,4)	-	-	-
2.2.2 MAINS	444,4	89,0	533,4	549,6	1 082,9	<u>928,5</u>	<u>2 011,5</u>
2.2.3 SUB-TOTAL MNTCE	510,7	89,0	599,7	483,2	1 082,9	<u>928,5</u>	<u>2 011,5</u>
2.2.4 SUPERVISION DIST MNTCE	398,8	84,4	483,2	(483,2)	-	-	-
<b>2.2 TOTAL MAINTENANCE COSTS</b>	909,5	173,5	1 082,9	0,0	1 082,9	<u>928,5</u>	<u>2 011,5</u>
<b>CUSTOMER SERVICE COSTS</b>							
<b>OPERATING COSTS</b>							
3.1.1 FRANCISATION	95,7	12,6	108,3	87,7	196,0	<u>168,0</u>	<u>364,0</u>
3.1.2 OTHER SERVICE WORK	202,1	18,9	221,0	178,8	399,8	<u>342,8</u>	<u>742,7</u>
3.1.3 INSPECT APPL INST.	31,9	6,3	38,2	30,9	69,1	<u>59,3</u>	<u>128,4</u>
3.1.4 SUB-TOTAL SERVICE WORK	329,8	37,7	367,5	297,4	664,9	<u>570,1</u>	<u>1 235,1</u>
3.1.5 MTR LOCKS,UNLKS,EXCHNGS	276,6	9,4	286,0	231,5	517,5	<u>443,7</u>	<u>961,2</u>
3.1.6 SUB-TOTAL	606,4	47,2	653,6	528,9	1 182,4	<u>1 013,8</u>	<u>2 196,3</u>
3.1.7 TRAINING & SUPERVISION	634,1	178,8	812,9	(812,9)	-	-	-
<b>3.1 TOTAL OPERATING COSTS</b>	1 240,4	226,0	1 466,5	(284,0)	1 182,4	<u>1 013,8</u>	<u>2 196,3</u>



FUNCTIONALIZATION OF  
GAZIFERE UTILITY O&M (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

<u>CUSTOMER SERVICE COSTS CON'T</u>		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
		TOTAL	FRINGE	SUB	SUPERVISION	SUB	A & G	TOTAL
		COSTS	BENEFITS	TOTAL		TOTAL	OVERHEAD	
<u>MAINTENANCE COSTS</u>								
3.2.1	SERVICE LINES	296,2	54,8	351,0	284,0	635,0	544,5	1 179,5
<b>3.2</b>	<b>TOTAL MAINTENANCE COSTS</b>	<u>296,2</u>	<u>54,8</u>	<u>351,0</u>	<u>284,0</u>	<u>635,0</u>	<u>544,5</u>	<u>1 179,5</u>
<u>SALES PROMOTION COSTS</u>								
4.1	RESIDENTIAL PROMOTION	284,4	86,5	370,9	272,9	643,9	552,1	1 195,9
4.2	COMMERCIAL PROMOTION	189,6	57,7	247,3	182,0	429,2	368,0	797,3
4.3	RES/COMM PROMOTION	-	-	-	-	-	-	-
4.4	GENERAL SALES PROMOTION	24,2	-	24,2	17,8	42,0	36,1	78,1
4.5	SUB-TOTAL	498,2	144,2	642,4	472,7	1 115,2	956,1	2 071,3
4.6	GENERAL SUPERVISION	342,1	130,6	472,7	(472,7)	-	-	-
4.7	DSM PROGRAM	(187,0)	-	(187,0)	-	(187,0)	(160,4)	(347,4)
4.8	DSM GENERAL	117,2	-	117,2	-	117,2	100,5	217,7
<b>4.</b>	<b>TOTAL SALES COSTS</b>	<u>770,5</u>	<u>274,8</u>	<u>1 045,3</u>	<u>0,0</u>	<u>1 045,3</u>	<u>896,3</u>	<u>1 941,6</u>
<u>CUSTOMER ACCOUNTING COSTS</u>								
5.1	BILLING	1 131,0	339,9	1 470,9	862,6	2 333,5	2 000,7	4 334,1
5.2	SERVICE & BILLING ENQUIRY	0,0	0,0	0,0	0,0	0,0	0,0	0,0
5.3	METER READING	295,5	-	295,5	173,3	468,7	401,9	870,6
5.4	CREDIT & COLLECTION	162,9	99,2	262,2	153,8	415,9	356,6	772,6
5.5	SUB-TOTAL	1 589,4	439,1	2 028,5	1 189,6	3 218,1	2 759,2	5 977,3
5.6	CIS & IT SERVICES	1 049,7	139,9	1 189,6	(1 189,6)	-	-	-
5.7	UNCOLLECTIBLES	155,0	-	155,0	-	155,0	132,9	287,9
<b>5.</b>	<b>TOTAL CUST ACCOUNTING COSTS</b>	<u>2 794,1</u>	<u>579,0</u>	<u>3 373,1</u>	<u>0,0</u>	<u>3 373,1</u>	<u>2 892,1</u>	<u>6 265,3</u>
6.	FRINGE BENEFITS	2 057,0	(2 057,0)	-	-	-	-	-
7.	ADMIN & GEN OVERHEAD	6 615,5	613,4	7 228,9	-	7 228,9	(7 228,9)	-
<b>8.</b>	<b>TOTAL OPERATING &amp; MAINTENANCE COSTS</b>	<u>14 011,6</u>	<u>(0,0)</u>	<u>14 011,6</u>	<u>0,0</u>	<u>14 011,6</u>	<u>0,0</u>	<u>14 011,6</u>

GAZIFERE INC.  
CLASSIFICATION OF RATE BASE (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Col. 16	Col. 17	Col. 18	Col. 19	
	GAS COSTS		---- TRANSMISSION ----		----- STORAGE -----			--- DISTRIBUTION COSTS			--- CUSTOMER RELATED INVESTMENTS ---			---- NUMBER OF CUSTOMER ----						
ITEM NO.	DESCRIPTION	TOTAL	ANNUAL COMMODITY	SEASONAL	PEAK	ANNUAL	PEAK / DELIVER-ABILITY	SPACE	ANNUAL	CAPACITY	COMMODITY	METERS	SALES STATIONS	SERVICES	CUST PLNT	RESID.	COM/IND	TOTAL	READINGS PROCESSED	GST/QST REVENUES
1.	GAS SUPPLY Gas Supply	(1 088,4)	(458,8)	(69,3)	(107,1)	(346,4)	(53,2)	(45,1)	-	-	(8,4)	-	-	-	-	-	-	-	-	-
2.	DISTRIBUTION Mains	71 053,1	-	-	-	-	-	-	-	55 163,6	-	-	-	-	15 889,5	-	-	-	-	-
3.	Distr. Regulation	3 539,0	-	-	-	-	-	-	-	3 539,0	-	-	-	-	-	-	-	-	-	-
4.	CUSTOMER Sales Station	2 277,7	-	-	-	-	-	-	-	-	-	2 277,7	-	-	-	-	-	-	-	-
5.	Meters	6 111,7	-	-	-	-	-	-	-	-	6 111,7	-	-	-	-	-	-	-	-	-
6.	Services	35 460,9	-	-	-	-	-	-	-	-	-	-	35 460,9	-	-	-	-	-	-	-
7.	Sales Promotion	98,1	-	-	-	-	-	-	-	-	49,1	-	-	-	-	-	-	-	49,1	-
8.	Customer Accountng	1 701,3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1 701,3	-
9.	Specific Costs	(466,3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(466,3)
10.	Sub-total	118 687,0	(458,8)	(69,3)	(107,1)	(346,4)	(53,2)	(45,1)	0,0	58 702,6	40,6	6 111,7	2 277,7	35 460,9	15 889,5	0,0	0,0	1 750,3	0,0	(466,3)
11.	Unidentifiable	769,5	(3,0)	(0,4)	(0,7)	(2,2)	(0,3)	(0,3)	0,0	379,1	0,3	39,5	14,7	229,0	102,6	0,0	0,0	11,3	0,0	0,0
12.	Total Classified	119 456,5	(461,8)	(69,8)	(107,8)	(348,7)	(53,5)	(45,4)	0,0	59 081,7	40,9	6 151,2	2 292,4	35 689,9	15 992,1	0,0	0,0	1 761,6	0,0	(466,3)

GAZIFERE INC.  
CLASSIFICATION OF NET INVESTMENT COSTS (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Col. 16	Col. 17	Col. 18	Col. 19	
	--GAS COSTS--		-----TRANSMISSION-----			-----STORAGE-----			--- DISTRIBUTION COSTS			----- CUSTOMER RELATED INVESTMENTS --			---- NUMBER OF CUSTOMERS ----					
ITEM NO.	DESCRIPTION	TOTAL	ANNUAL COMMODITY	SEASONAL	PEAK	ANNUAL	PEAK / DELIVER-ABILITY	SPACE	ANNUAL	CAPACITY	COMMODITY	METERS	SALES STATIONS	SERVICES	CUST PLNT	RESID.	COM/IND	TOTAL	READINGS PROCESSED	GST/QST REVENUES
1.	GAS SUPPLY Gas Supply	159,1	67,1	10,1	15,7	50,6	7,8	6,6	-	-	1,2	-	-	-	-	-	-	-	-	-
2.	DISTRIBUTION Mains	2 281,2	-	-	-	-	-	-	-	1 771,1	-	-	-	-	510,1	-	-	-	-	-
3.	Distr. Regulation	111,3	-	-	-	-	-	-	-	111,3	-	-	-	-	-	-	-	-	-	-
	Sub-total	2 392,5	0,0	0,0	0,0	0,0	0,0	0,0	0,0	1 882,3	0,0	0,0	0,0	0,0	510,1	0,0	0,0	0,0	0,0	0,0
	CUSTOMER																			
4.	Sales Station	85,9	-	-	-	-	-	-	-	-	-	-	85,9	-	-	-	-	-	-	-
5.	Meters	114,2	-	-	-	-	-	-	-	-	114,2	-	-	-	-	-	-	-	-	-
6.	Services	3 013,4	-	-	-	-	-	-	-	-	-	-	3 013,4	-	-	-	-	-	-	-
7.	Sales Promotion	15,8	-	-	-	-	-	-	-	7,9	-	-	-	-	-	-	-	7,9	-	-
8.	Customer Accountng	230,3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	230,3	-	-
9.	Specific Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.	Sub-total	3 459,7	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	7,9	114,2	85,9	3 013,4	0,0	0,0	0,0	238,2	0,0	0,0
11.	Unidentifiable	819,0	(3,2)	(0,5)	(0,7)	(2,4)	(0,4)	(0,3)	-	405,0	0,3	42,2	15,7	244,7	109,6	-	-	12,1	-	(3,2)
12.	Total Classified	6 830,2	63,9	9,7	14,9	48,3	7,4	6,3	-	2 287,4	9,4	156,4	101,6	3 258,1	619,8	-	-	250,3	-	(3,2)

GAZIFERE INC.  
CLASSIFICATION OF O&M EXPENSE (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	DESCRIPTION	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Col. 16	Col. 17	Col. 18	Col. 19	Col. 20	Col. 21	Col. 22
		TOTAL	ANNUAL COMMODITY	SEASONAL	PEAK	ANNUAL	UPSTREAM TRANSPORT	PEAK/ DELIVER- ABILITY	SPACE	ANNUAL CAPACITY	COMMODITY	DSM DIRECT	DSM INDIRECT	WEATHER NORMALIZE	METERS	STATIONS	SERVICES	CUST PLNT	RESID.	COM/IND	TOTAL	READINGS PROCESSED	
1.	Gas Purchased	0,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DISTRIBUTION COSTS																							
OPERATING COSTS																							
2.1	Chart Processing	46,1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46,1
2.2	System Ops.	2 020,0	-	-	-	-	-	-	-	1 589,7	-	-	-	-	-	-	-	430,3	-	-	-	-	-
2.3	Deferral/YFactor Accounts	(1 648,6)	-	-	-	-	-	-	-	-	(253,3)	-	-	(1 395,3)	-	-	-	-	-	-	-	-	-
MAINTENANCE COSTS																							
2.4	Mains	2 011,5	-	-	-	-	-	-	-	1 583,0	-	-	-	-	-	-	-	428,5	-	-	-	-	-
2.	Total Dist. Costs	2 429,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	3 172,7	(253,3)	0,0	0,0	(1 395,3)	0,0	0,0	0,0	858,8	0,0	0,0	0,0	0,0	46,1
CUSTOMER SERVICE																							
OPERATING COSTS																							
3.1	Heating Equip.	364,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	364,0	-
3.2	Other Service Work	742,7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	742,7	-
3.3	Appliance Insp.	128,4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	128,4	-
3.4	Locks/Unlocks/Exch	961,2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	961,2	-
MAINTENANCE COSTS																							
3.5	Service Lines	1 179,5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1 179,5	-	-	-	-	-	-
3.	Total Customer Service	3 375,8	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	1 179,5	0,0	0,0	0,0	0,0	2 196,3	0,0
SALES PROMOTION																							
4.1	Residential	1 195,9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1 195,9	-	-	-	-
4.2	Commercial	797,3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	797,3	-	-
4.3	Res./Comm.	0,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4	General Promotions	78,1	-	-	-	-	-	-	-	-	39,0	-	-	-	-	-	-	-	-	-	-	39,0	-
4.5	DSM Program	(347,4)	-	-	-	-	-	-	-	-	-	(347,4)	-	-	-	-	-	-	-	-	-	-	-
4.6	DSM General	217,7	-	-	-	-	-	-	-	-	-	-	217,7	-	-	-	-	-	-	-	-	-	-
4.7	Deferral/YFactor Accounts	0,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	Total Promotions	1 941,6	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	39,0	(347,4)	217,7	0,0	0,0	0,0	0,0	0,0	1 195,9	797,3	39,0	0,0	0,0
CUSTOMER ACCOUNTING																							
5.1	Billing	4 334,1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4 334,1	-
5.2	Enquiry	0,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3	Readings	870,6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	870,6
5.4	Credit	772,6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	772,6	-
5.5	Uncollectibles	287,9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	287,9	-
5.	Total Cust. Acctg.	6 265,3	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	5 394,7	870,6
6.	Total O and M	14 011,6	0,0	0,0	0,0	0,0	0,0	0,0	0,0	3 172,7	(214,3)	(347,4)	217,7	(1 395,3)	0,0	0,0	1 179,5	858,8	1 195,9	797,3	7 630,0	916,7	

GAZIFERE INC.  
CLASSIFICATION OF GAS COSTS (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	
	TOTAL COST	ANNUAL COMMODITY	SEASONAL	PEAK	ANNUAL	UPSTREAM TRANSPORT.	PEAK / DELIVER-ABILITY	SPACE	ANNUAL	CAPACITY	COMMODITY	
1.1	DIST'N (BLOCKS)	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.2	STORAGE	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.3	LOAD BALANCING	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.4	FUEL GAS	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.5	GAS SUPPLY	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.6	NIAGARA GAS	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
1.	TOTAL	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>
2.1	UUF ADJUSTMENT	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
2.	SUB-TOTAL	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>
3.1	A & G	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
3.	TOTAL	<u><u>0,0</u></u>	<u><u>0,0</u></u>	<u><u>0,0</u></u>	<u><u>0,0</u></u>	<u><u>0,0</u></u>	<u><u>0,0</u></u>	<u><u>0,0</u></u>	<u><u>0,0</u></u>	<u><u>0,0</u></u>	<u><u>0,0</u></u>	<u><u>0,0</u></u>

GAZIFERE INC.  
ALLOCATION OF RATE BASE (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	DESCRIPTION	Col. 1 RATE BASE	Col. 2 TARIF 1	Col. 3 TARIF 2	Col. 4 TARIF 3	Col. 5 TARIF 4	Col. 6 TARIF 5	Col. 7 TARIF 9	ALLOCATION FACTOR
<u>GAS COSTS</u>									
1.1	Annual Commodity	(461,8)	(222,8)	(225,3)	(0,7)	0,0	0,0	(12,9)	1,1
1.	Total Gas Cost	<u>(461,8)</u>	<u>(222,8)</u>	<u>(225,3)</u>	<u>(0,7)</u>	<u>0,0</u>	<u>0,0</u>	<u>(12,9)</u>	
<u>LOAD BALANCING</u>									
<u>TRANSMISSION</u>									
2.1	Seasonal	(69,8)	(34,1)	(32,9)	(0,0)	(0,2)	(0,1)	(2,4)	3,2
2.2	Peak	(107,8)	(54,2)	(49,0)	(0,1)	(0,8)	(3,8)	0,0	3,3
2.3	Annual	(348,7)	(144,7)	(129,1)	(0,4)	(7,1)	(34,0)	(33,4)	1,2
2.	Total Transmission	<u>(526,2)</u>	<u>(233,0)</u>	<u>(211,0)</u>	<u>(0,5)</u>	<u>(8,1)</u>	<u>(37,8)</u>	<u>(35,8)</u>	
<u>STORAGE</u>									
3.1	Deliverability	(53,5)	(28,5)	(25,0)	(0,0)	0,0	0,0	0,0	3,1
3.2	Space	(45,4)	(22,2)	(21,4)	(0,0)	(0,2)	(0,0)	(1,6)	3,2
3.3	Annual	0,0	0,0	0,0	0,0	0,0	0,0	0,0	3,3
3.	Total Storage	<u>(98,9)</u>	<u>(50,7)</u>	<u>(46,4)</u>	<u>(0,0)</u>	<u>(0,2)</u>	<u>(0,0)</u>	<u>(1,6)</u>	
<u>FACILITIES' COSTS</u>									
<u>DISTRIBUTION FACILITIES</u>									
4.1	Capacity	59 081,7	28 656,4	25 872,1	42,6	427,6	2 059,2	2 023,9	2,1
4.2	Commodity	40,9	17,0	15,1	0,0	0,8	4,0	3,9	1,2
4.	Total Distribution	<u>59 122,6</u>	<u>28 673,3</u>	<u>25 887,3</u>	<u>42,7</u>	<u>428,4</u>	<u>2 063,1</u>	<u>2 027,8</u>	
<u>CUSTOMER RELATED</u>									
5.1	Meters	6 151,2	1 443,4	4 667,0	2,1	0,4	6,8	31,4	4,1
5.2	Sales Stations	2 292,4	2 073,4	0,0	0,0	0,3	11,6	207,0	4,2
5.3	Services	35 689,9	2 780,7	32 787,4	4,4	0,8	2,1	114,5	4,3
5.4	Customer Plant	15 992,1	1 223,8	14 765,7	0,7	0,4	0,4	1,1	4,4
5.5	Comm/Ind. Customers	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,6
5.6	Residential Customers	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,7
5.7	Total Customers	1 761,6	134,8	1 626,5	0,1	0,0	0,0	0,1	4,5
5.8	Readings Processed	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4.8 & 4.9
5.9	GST/QST Revenues	(466,3)	(168,7)	(279,8)	(0,4)	(2,0)	(6,4)	(9,0)	Revenues
5.	Total Customer Related	<u>61 420,9</u>	<u>7 487,4</u>	<u>53 566,9</u>	<u>7,0</u>	<u>(0,1)</u>	<u>14,6</u>	<u>345,1</u>	
6.	Total Rate Base	<u>119 456,5</u>	<u>35 654,2</u>	<u>78 971,4</u>	<u>48,4</u>	<u>420,1</u>	<u>2 039,9</u>	<u>2 322,5</u>	

GAZIFERE INC.  
ALLOCATION OF RETURN & TAXES (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	DESCRIPTION	Col. 1 RATE BASE	Col. 2 RETURN & TAXES	Col. 3 TARIF 1	Col. 4 TARIF 2	Col. 5 TARIF 3	Col. 6 TARIF 4	Col. 7 TARIF 5	Col. 8 TARIF 9	ALLOCATION FACTOR
<u>GAS COSTS</u>										
1.1	Annual Commodity	(461,8)	(31,2)	(15,0)	(15,2)	(0,0)	0,0	0,0	(0,9)	1,1
1.	Total Gas Cost	<u>(461,8)</u>	<u>(31,2)</u>	<u>(15,0)</u>	<u>(15,2)</u>	<u>(0,0)</u>	<u>0,0</u>	<u>0,0</u>	<u>(0,9)</u>	
<u>LOAD BALANCING</u>										
TRANSMISSION										
2.1	Seasonal	(69,8)	(4,7)	(2,3)	(2,2)	(0,0)	(0,0)	(0,0)	(0,2)	3,2
2.2	Peak	(107,8)	(7,3)	(3,7)	(3,3)	(0,0)	(0,1)	(0,3)	0,0	3,3
2.3	Annual	(348,7)	(23,5)	(9,8)	(8,7)	(0,0)	(0,5)	(2,3)	(2,3)	1,2
2.	Total Transmission	<u>(526,2)</u>	<u>(35,5)</u>	<u>(15,7)</u>	<u>(14,2)</u>	<u>(0,0)</u>	<u>(0,5)</u>	<u>(2,6)</u>	<u>(2,4)</u>	
STORAGE										
3.1	Deliverability	(53,5)	(3,6)	(1,9)	(1,7)	(0,0)	0,0	0,0	0,0	3,1
3.2	Space	(45,4)	(3,1)	(1,5)	(1,4)	(0,0)	(0,0)	(0,0)	(0,1)	3,2
3.3	Annual	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
3.	Total Storage	<u>(98,9)</u>	<u>(6,7)</u>	<u>(3,4)</u>	<u>(3,1)</u>	<u>(0,0)</u>	<u>(0,0)</u>	<u>(0,0)</u>	<u>(0,1)</u>	
<u>FACILITIES' COSTS</u>										
DISTRIBUTION FACILITIES										
4.1	Capacity	59 081,7	3 987,1	1 933,9	1 746,0	2,9	28,9	139,0	136,6	2,1
4.2	Commodity	40,9	2,8	1,1	1,0	0,0	0,1	0,3	0,3	1,2
4	Total Distribution	<u>59 122,6</u>	<u>3 989,9</u>	<u>1 935,0</u>	<u>1 747,0</u>	<u>2,9</u>	<u>28,9</u>	<u>139,2</u>	<u>136,8</u>	
CUSTOMER RELATED										
5.1	Meters	6 151,2	415,1	97,4	315,0	0,1	0,0	0,5	2,1	4,1
5.2	Reg. Stations	2 292,4	154,7	139,9	0,0	0,0	0,0	0,8	14,0	4,2
5.3	Services	35 689,9	2 408,5	187,7	2 212,7	0,3	0,1	0,1	7,7	4,3
5.4	Customer Plant	15 992,1	1 079,2	82,6	996,5	0,0	0,0	0,0	0,1	4,4
5.5	Comm/Ind. Customers	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,6
5.6	Residential Customers	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,7
5.7	Total Customers	1 761,6	118,9	9,1	109,8	0,0	0,0	0,0	0,0	4,5
5.8	Readings Processed	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4.8 & 4.9
5.9	GST/QST Revenues	(466,3)	(31,5)	(11,4)	(18,9)	(0,0)	(0,1)	(0,4)	(0,6)	Revenues
5	Total Customer Related	<u>61 420,9</u>	<u>4 145,0</u>	<u>505,3</u>	<u>3 615,0</u>	<u>0,5</u>	<u>(0,0)</u>	<u>1,0</u>	<u>23,3</u>	
6	Total Rate Base	<u>119 456,5</u>	<u>8 061,5</u>	<u>2 406,1</u>	<u>5 329,4</u>	<u>3,3</u>	<u>28,3</u>	<u>137,7</u>	<u>156,7</u>	

GAZIFERE INC.  
ALLOCATION OF THE COSTS OF SERVICE (WITH NO GAS COST)  
December 31, 2021

(THOUSANDS OF DOLLARS)

ITEM NO.	DESCRIPTION	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	ALLOCATION FACTOR
		O&M COSTS	NET INV. COSTS	TOTAL	TARIF 1	TARIF 2	TARIF 3	TARIF 4	TARIF 5	TARIF 9	
<u>GAS COSTS</u>											
1.1	Annual Commodity	0,0	63,9	63,9	<u>30,8</u>	31,2	0,1	0,0	0,0	1,8	1,1
1.2	System Gas Sales	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	<u>0,0</u>	1,4
1.	Total Gas Cost	<u>0,0</u>	<u>63,9</u>	<u>63,9</u>	<u>30,8</u>	31,2	0,1	0,0	0,0	1,8	
<u>LOAD BALANCING</u>											
<u>TRANSMISSION</u>											
2.1	Seasonal / Interruptible Credit	0,0	<u>9,7</u>	<u>9,7</u>	4,7	4,5	0,0	0,0	0,0	0,3	3,2
2.2	Peak	0,0	<u>14,9</u>	<u>14,9</u>	<u>7,5</u>	<u>6,8</u>	0,0	0,1	0,5	0,0	3,3
2.3	Annual	0,0	<u>48,3</u>	<u>48,3</u>	<u>21,5</u>	<u>19,9</u>	0,0	0,6	2,8	3,4	1,3
2.4	Upstream Transportation	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	1,6
2.5	Dawn Transportation	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	1,7
2.	Total Transmission	<u>0,0</u>	<u>72,8</u>	<u>72,8</u>	<u>33,7</u>	<u>31,2</u>	0,1	0,8	3,3	3,7	
<u>STORAGE</u>											
3.1	Deliverability	0,0	<u>7,4</u>	<u>7,4</u>	<u>3,9</u>	<u>3,5</u>	0,0	0,0	0,0	0,0	3,1
3.2	Space	0,0	6,3	6,3	3,1	3,0	0,0	0,0	0,0	0,2	3,2
3.3	Annual	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
3.	Total Storage	<u>0,0</u>	<u>13,7</u>	<u>13,7</u>	<u>7,0</u>	<u>6,4</u>	0,0	0,0	0,0	0,2	
<u>FACILITIES' COSTS</u>											
<u>DISTRIBUTION FACILITIES</u>											
4.1	Capacity	<u>3 172,7</u>	2 287,4	<u>5 460,1</u>	<u>2 648,3</u>	<u>2 391,0</u>	<u>3,9</u>	<u>39,5</u>	<u>190,3</u>	<u>187,0</u>	2,1
4.2	Commodity & UUF Deferral	<u>(214,3)</u>	9,4	<u>(204,9)</u>	<u>(85,0)</u>	<u>(75,9)</u>	(0,2)	(4,1)	<u>(20,0)</u>	(19,6)	1,2
4.3	DSM Direct + Fees	<u>518,1</u>	0,0	<u>518,1</u>	<u>24,2</u>	<u>308,1</u>	1,0	17,5	84,4	<u>82,9</u>	
4.4	DSM Indirect + Deferral + SPEDE	<u>217,7</u>	0,0	<u>217,7</u>	<u>193,2</u>	<u>24,5</u>	0,0	0,0	0,0	0,0	1,2
4.5	Weather Normalization Deferral	<u>(1 395,3)</u>	0,0	<u>(1 395,3)</u>	<u>(688,9)</u>	<u>(704,1)</u>	<u>(2,3)</u>	0,0	0,0	0,0	1,5
4.	Total Distribution	<u>2 299,0</u>	2 296,8	<u>4 595,8</u>	<u>2 091,8</u>	<u>1 943,7</u>	<u>2,4</u>	<u>52,9</u>	<u>254,7</u>	<u>250,3</u>	
<u>CUSTOMER RELATED</u>											
5.1	Meters	0,0	156,4	156,4	36,7	118,6	0,1	0,0	0,2	0,8	4,1
5.2	Sales Stations	0,0	101,6	101,6	91,9	0,0	0,0	0,0	0,5	9,2	4,2
5.3	Services	<u>1 179,5</u>	3 258,1	<u>4 437,6</u>	<u>345,7</u>	<u>4 076,7</u>	0,5	0,1	0,3	<u>14,2</u>	4,3
5.4	Customer Plant	<u>858,8</u>	619,8	<u>1 478,6</u>	<u>113,1</u>	<u>1 365,2</u>	0,1	0,0	0,0	0,1	4,4
5.5	Comm/Ind. Customers	<u>797,3</u>	0,0	<u>797,3</u>	<u>795,6</u>	0,0	0,5	0,2	0,2	0,7	4,6
5.6	Residential Customers	<u>1 195,9</u>	0,0	<u>1 195,9</u>	0,0	<u>1 195,9</u>	0,0	0,0	0,0	0,0	4,7
5.7	Total Customers	<u>7 630,0</u>	250,3	<u>7 880,3</u>	<u>603,1</u>	<u>7 276,0</u>	0,4	0,2	0,2	0,5	4,5
5.8	Readings Processed	<u>916,7</u>	0,0	<u>916,7</u>	<u>93,4</u>	<u>804,4</u>	7,1	2,4	2,4	<u>7,1</u>	4,8 & 4,9
5.9	GST/QST Revenues	0,0	(3,2)	(3,2)	<u>(1,5)</u>	<u>(1,6)</u>	(0,0)	0,0	0,0	(0,1)	Revenues
5.	Total Customer Related	<u>12 578,1</u>	4 383,0	<u>16 961,2</u>	<u>2 078,0</u>	<u>14 835,2</u>	8,6	<u>2,9</u>	3,8	<u>32,6</u>	
6.1	Return	<u>7 160,0</u>	0,0	<u>7 160,0</u>	<u>2 137,0</u>	<u>4 733,4</u>	2,9	25,2	122,3	139,2	5
6.2	Taxes	<u>901,5</u>	0,0	<u>901,5</u>	269,1	<u>596,0</u>	0,4	3,2	15,4	17,5	5
6.	Return and Taxes	<u>8 061,5</u>	0,0	<u>8 061,5</u>	<u>2 406,1</u>	<u>5 329,4</u>	3,3	<u>28,3</u>	137,7	<u>156,7</u>	
7.	Total Facilities	<u>22 938,6</u>	6 679,8	<u>29 618,4</u>	<u>6 575,9</u>	<u>22 108,3</u>	<u>14,3</u>	<u>84,2</u>	<u>396,1</u>	<u>439,7</u>	
8.	Total before Earnings Sharing	<u>22 938,6</u>	6 830,2	<u>29 768,9</u>	<u>6 647,5</u>	<u>22 177,1</u>	<u>14,4</u>	<u>85,0</u>	<u>399,4</u>	<u>445,4</u>	
9.	Earnings Sharing	(1 561,1)	0,0	(1 561,1)	<u>(348,6)</u>	<u>(1 163,0)</u>	<u>(0,8)</u>	<u>(4,5)</u>	<u>(20,9)</u>	<u>(23,4)</u>	
10.	Total Costs of Service	<u>21 377,5</u>	6 830,2	<u>28 207,8</u>	<u>6 298,9</u>	<u>21 014,4</u>	<u>13,7</u>	<u>80,5</u>	<u>378,5</u>	<u>422,1</u>	



GAZIFERE INC.  
ALLOCATION FACTORS (WITH NO GAS COST)  
December 31, 2021

ITEM NO.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
	FACTOR TOTAL	TARIF 1	TARIF 2	TARIF 3	TARIF 4	TARIF 5	TARIF 9	
<b>COMMODITY RESPONSIBILITY</b>								
1.1	Annual Sales	142 074,1	68 554,6	69 326,2	217,5	0,0	3 975,8	
1.2	Annual Deliveries	187 188,8	77 665,3	69 329,3	217,5	3 789,4	17 937,2	
1.3	Winter Deliveries	106 597,9	47 537,8	43 975,5	93,7	1 405,7	7 501,1	
1.4	System Gas Sales	83 769,3	30 630,2	53 138,6	0,6	0,0	0,0	
1,5	Heating Load	132 308,8	65 325,5	66 765,8	217,5	0,0	0,0	
1,6	Transportation Deliveries	142 074,1	68 554,6	69 326,2	217,5	0,0	3 975,8	
1,7	Dawn Transportation	45 114,7	9 110,7	3,1	0,0	3 789,4	13 961,4	
<b>CAPACITY RESPONSIBILITY</b>								
2.1	Capacity Assigned and Used	100,0	48,5	43,8	0,1	0,7	3,4	
<b>STORAGE AND PEAK RESPONSIBILITY</b>								
3,1	Deliverability	617,1	328,7	288,2	0,3	0,0	0,0	
3,2	Space	44 543,5	21 791,3	20 992,4	21,6	149,5	1 554,8	
3,3	Peak	1 434,6	721,6	651,6	1,1	10,4	0,0	
<b>CUSTOMER RESPONSIBILITY</b>								
4,1	Meters	6 151	1 443	4 667	2	0	31	
4,2	Sales Stations	2 292	2 073	0	0	0	207	
4,3	Services	35 690	2 781	32 787	4	1	115	
4,4	Customer Related Plant	43 759	3 349	40 404	2	1	3	
4,5	Total Customer Count	43 759	3 349	40 404	2	1	3	
4,6	Comm/Ind Customer Count	3 356	3 349	0	2	1	3	
4,7	Residential Customer Count	40 404	0	40 404	0	0	0	
4,8	Chart Readings per Year	7 091	4 171	0	1 095	365	1 095	
4,9	Meter Readings per Year	254 665	19 390	235 287	(12)	0	0	
5.	Rate Base	119 456,5	<u>35 654,2</u>	<u>78 971,4</u>	48,4	420,1	<u>2 039,9</u>	<u>2 322,5</u>

GAZIFERE INC.  
ALLOCATION PERCENTAGES (WITH NO GAS COST)  
December 31, 2021

ITEM	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
	FACTOR TOTAL	TARIF 1	TARIF 2	TARIF 3	TARIF 4	TARIF 5	TARIF 9	
<b>COMMODITY RESPONSIBILITY</b>								
1.1	Annual Sales	1,0000	0,4825	0,4880	0,0015	0,0000	0,0000	0,0280
1.2	Annual Deliveries	1,0000	0,4149	0,3704	0,0012	0,0202	0,0975	0,0958
1.3	Winter Deliveries	1,0000	0,4460	0,4125	0,0009	0,0132	0,0571	0,0704
1.4	System Gas Sales	1,0000	0,3656	0,6343	0,0000	0,0000	0,0000	0,0000
1.5	Heating Load	1,0000	0,4937	0,5046	0,0016	0,0000	0,0000	0,0000
1.6	Transportation Deliveries	1,0000	0,4825	0,4880	0,0015	0,0000	0,0000	0,0280
1.7	Dawn Transportation	1,0000	0,2019	0,0001	0,0000	0,0840	0,4045	0,3095
<b>CAPACITY RESPONSIBILITY</b>								
2.1	Capacity Assigned and Used	1,0000	0,4850	0,4379	0,0007	0,0072	0,0349	0,0343
<b>STORAGE AND PEAK RESPONSIBILITY</b>								
3.1	Deliverability	1,0000	0,5326	0,4669	0,0005	0,0000	0,0000	0,0000
3.2	Space	1,0000	0,4892	0,4713	0,0005	0,0034	0,0008	0,0349
3.3	Peak	1,0000	0,5030	0,4542	0,0007	0,0072	0,0349	0,0000
<b>CUSTOMER RESPONSIBILITY</b>								
4.1	Meters	1,0000	0,2347	0,7587	0,0003	0,0001	0,0011	0,0051
4.2	Sales Stations	1,0000	0,9045	0,0000	0,0000	0,0001	0,0051	0,0903
4.3	Services	1,0000	0,0779	0,9187	0,0001	0,0000	0,0001	0,0032
4.4	Customer Related Plant	1,0000	0,0765	0,9233	0,0000	0,0000	0,0000	0,0001
4.5	Total Customer Count	1,0000	0,0765	0,9233	0,0000	0,0000	0,0000	0,0001
4.6	Comm/Ind Customer Count	1,0000	0,9979	0,0000	0,0006	0,0003	0,0003	0,0009
4.7	Residential Customer Count	1,0000	0,0000	1,0000	0,0000	0,0000	0,0000	0,0000
4.8	Chart Readings per Year	1,0000	0,5882	0,0000	0,1544	0,0515	0,0515	0,1544
4.9	Meter Readings per Month	1,0000	0,0761	0,9239	(0,0000)	0,0000	0,0000	0,0000
5.	Rate Base	1,0000	<u>0,2985</u>	<u>0,6611</u>	0,0004	0,0035	0,0171	0,0194

CURRICULUM VITAE OF  
BRANDON SO

Experience: Enbridge Gas Distribution Inc.  
  
Cost Allocation Specialist  
2016  
  
Senior Gas Cost Accountant, Gas Accounting & Analytics  
2009  
  
Senior Financial Analyst, Business Development & Customer Strategy  
2007  
  
Toronto Hydro  
  
Senior Financial Analyst  
2003  
  
Ballard Power Systems  
  
Senior Accountant  
1999

Education: Master of Business Administration  
Richard Ivy School of Business  
  
Bachelor of Business Administration (Accounting)  
University of Texas at Austin  
  
Bachelor of Arts (Economics)  
University of Texas at Austin  
  
Chartered Professional Accountant (CPA, CGA)  
Chartered Professional Accountants of Ontario

Memberships: Charter Professional Accountants of Ontario

Appearances: (Ontario Energy Board)  
  
EB-2020-0181  
EB-2020-0134  
EB-2020-0095  
EB-2019-0194  
EB-2019-0105

EB-2018-0305  
EB-2018-0131  
EB-2017-0086  
EB-2017-0102  
EB-2016-0215

(Régie de l'énergie/Régie du gaz naturel)

Requête 4032-2018  
Requête 4003-2017  
Requête 3969-2016

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**WORKING CASH STUDY**  
**for**  
**TEST YEAR 2021**

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December 2020

# WORKING CASH ANALYSIS

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# WORKING CASH ANALYSIS

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## 1. SUMMARY

This study estimates Gazifere's working cash requirement for 2021.

The approach used in this analysis is consistent with the Régie's findings in the 2005 Rate Case (R-3537-2004, D-2005-58). The actual lag days approved in the 2019 Regulatory Closing of the Books were reviewed and used as the benchmark in determining lag days for revenues, gas costs, O&M expenses and taxes in the Test Year.

The net lag days, revenue lags minus expense lags, were then applied to the forecasted level of 2021 expenses to determine the overall working cash requirement for the Test Year.

The estimated working cash requirement for 2021 is \$(1,075.1) thousand, as outlined in Exhibit GI-41, Document 2, Page 1, Item 28. This amount includes the impact of the Goods and Services Tax ("GST"), Québec Sales Tax ("QST"), and Uncollectibles.

For comparison, the working cash levels approved for the last five years are listed below:

<b>Test Year</b>	<b>Working Cash (in '000s)</b>
2020	\$(490.9)
2019	\$(458.9)
2018	\$(395.4)
2017	\$(702.9)
2016	\$608.2

Figure 1 compares the lag days that give rise to the change in working cash requirement from 2020.

# WORKING CASH ANALYSIS

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Figure 1

	<u>LAG DAYS</u>	
	Col. 1	Col. 2
	<u>2021</u>	<u>2020</u>
Revenues	37.8	38.4
Gas Costs	54.3	44.4
O&M	31.2	30.6
Taxes	(98.8)	(95.4)
Income Taxes	15.2	15.2

## 2. WORKING CASH AS A COST OF SERVICE

Working cash is a component of the working capital. It is used by the Company to pay for provision of goods and services prior to the receipt of revenues from customers.

In Québec, original cost rate base is employed for rate making purposes. The original cost rate base represents the amount of investor-supplied capital which has been invested in property plant and equipment that is used or useful in rendering utility service. A component of that rate base is the working capital.

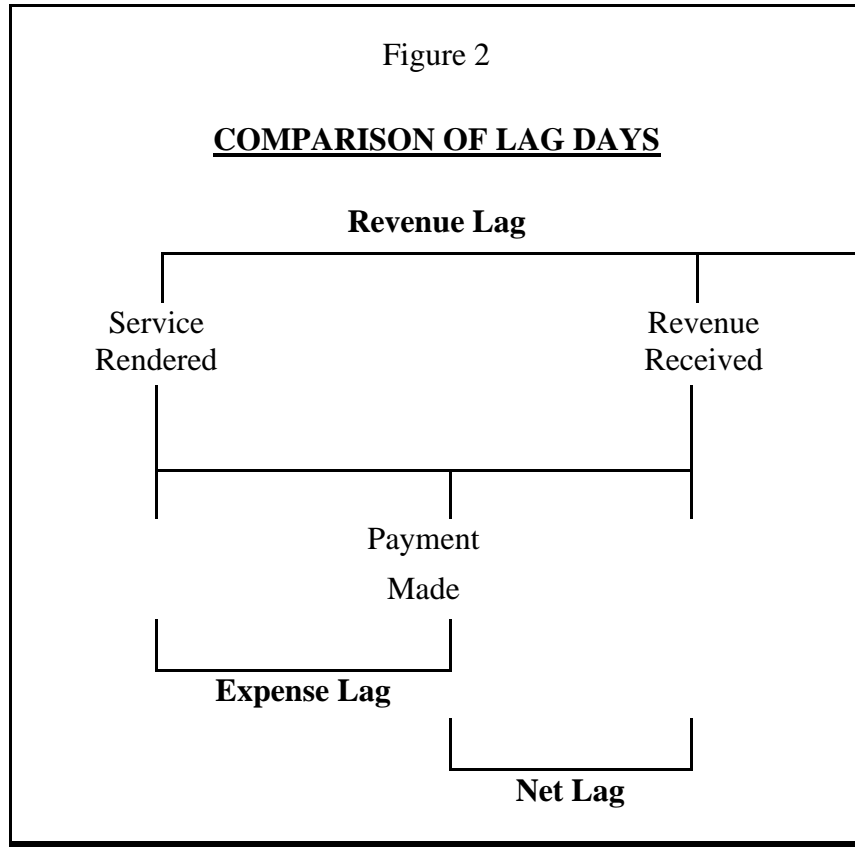
## 3. THEORETICAL APPROACH TO THE ANALYSIS

In most utility operations, sales are made to customers on credit terms. Service is received by a customer prior to being billed for the service. Thus, a utility incurs the cost of providing service in advance of the receipt of payment. On the other hand, a utility is often provided certain services on credit terms, which provides operating funds to the business. Working cash is the difference between funds required and funds available.



# WORKING CASH ANALYSIS

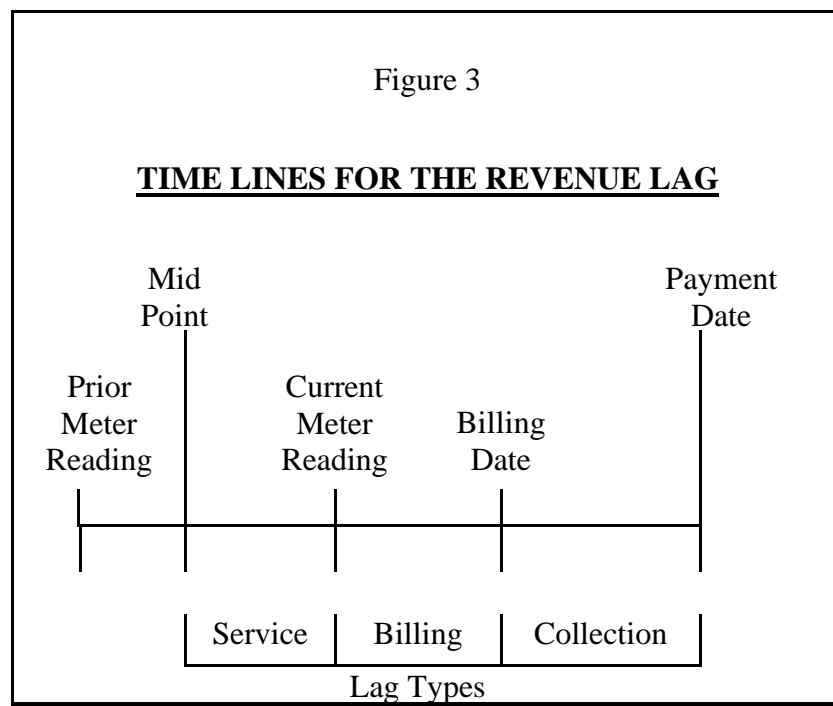
Figure 2 illustrates working cash requirement by use of a time line drawing. In this figure, the revenue lag, expense lag, and net lag are compared. Both the revenue lag and expense lag are measured from the time a service is rendered.



Services rendered could include installation of a service line and meter, which is a one day event, or delivery of gas, which is measured over a period of time, typically one month. As seen in the figure, the revenue lag ends when payment is made to the Company, and the expense lag ends when the Company makes payment for the provision of service. The net lag is the difference between these two lags, and is the period for which working cash is required. Illustrated is a positive lag, indicating that the working cash is provided by the suppliers of capital. A negative lag could also occur, where services, such as consulting fees are paid after revenues are received.

Figure 3 illustrates the components of the revenue lag. This figure uses time lines to illustrate some important dates:

# WORKING CASH ANALYSIS



**Meter reading:** On this date two important events occur. The past service period ends and the new service period begins. The differences between the prior read and the current read measures the volumes delivered over that time period.

**Billing date:** This is the date the bill is posted as a receivable and sent to the customer.

**Payment date:** This is the date that the payment is credited to the customer's account.

The service period is defined as the period between the prior meter reading and the current meter reading. This is, on average, 1/12<sup>th</sup> of a year. The *service lag* is measured from the mid-point of the service period to the reading date. The time from the meter reading to the billing date is called the *billing lag* and can be measured from Company records. The time from the billing date until the payment date is also measurable and is called the *collection lag*. The total *revenue lag* is from the mid-point of the service period to the payment date.

The expense lag, on the other hand, is determined by examining the Company's cheque vouchers for different expense components, and determining the expense lag by references to the date a service

# **WORKING CASH ANALYSIS**

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was provided to the Company, and the date that service was settled by payment. The difference in dates is the expense lag.

The development of the lags accounts for the different levels of expenses and revenues that occur in a fiscal year. As a result, the working cash represents the expected average annual level of funds required for a particular year as well as reflecting the time value of money.

Therefore, in estimating the respective lags, dollar weighted days are used. This recognizes that simple interest on one dollar for two days is the same as on two dollars for one day.

In the final step, the analysis nets all expense lags with revenue lags to determine the overall working cash requirement. It does so by analyzing Company records for one year, usually the most recent fiscal year, and adjusts, where necessary, to take into account any expected changes that might increase or decrease a particular lag.

## **4. ANALYSIS**

### **4.1 REVENUE LAG**

The revenue lag is calculated by analyzing the three lags illustrated in Figure 3; the service lag, the billing lag, and the collection lag.

The service lag is a simple mathematical expression;

$$365 \div 12 \div 2 = 15.2 \text{ days.}$$

The service lag is measured from the midpoint of the service period to the meter reading date. This is, on average, 1/24<sup>th</sup> of a year, or 15.2 days. The time from the meter reading to the billing date represents the billing lag, while the time lag from the billing date until payments are received from customers corresponds to the collection lag. The billing lag is derived from the extraction of data from the billing system. The collection lag is determined by dividing the sum of the daily accounts receivable for the year by the sum of the daily total billings for the same period.

# WORKING CASH ANALYSIS

Figure 4

**REVENUE LAG**  
**2019**  
**(Lag Days)**

Item <u>No.</u>		Col. 1 <u>General Service</u>	Col. 2 <u>Large Volume</u>	Col. 3 <u>Total</u>
1.	Service Lag	15.2	15.2	15.2
2.	Billing Lag	1.65	4.49	2.11
3.	Collection Lag	<u>20.87</u>	<u>18.48</u>	<u>20.48</u>
4.	Total Lag	37.72	38.17	37.8

Figure 4 provides lag day analysis results.

## **4.2 EXPENSE LAG**

Considering the number of transactions under the expense category, not all transactions can be analyzed for lag days. For the most significant cost items, the entire population of transactions is analyzed for lag days while random sampling is used for the other remaining costs. The expense categories that had all transactions analyzed for lag days included:

- Gas supply expenses,
- Labour expenses, and
- Labour related expenses.

The remainder of the expenses were treated as one item and analyzed using a random sample of expense vouchers.

# WORKING CASH ANALYSIS

FIGURE 5

**GAZIFERE INC.  
COMPUTATION OF DISBURSEMENT LAG  
GAS COSTS AND O&M EXPENSE  
FISCAL 2021**

Item No.	Col. 1 Forecasted Costs (\$000)	Col. 2 Disbursement Lag Days	Col. 3 Weighted Dollar Days (\$000)	Col. 4 Reference	
<b>GAS PURCHASE COSTS</b>					
1.	Total Gas Purchase Costs	25,397.3	54.3	1,379,073.4	Appendix A1
		54.3	0.0		
<b>OPERATING AND MAINTENANCE EXPENSE</b>					
2.1	Labour	6,097.8	15.9	96,942.6	Appendix B1
<b>EMPLOYEE BENEFITS</b>					
2.2.1	Unemployment Insurance	27.8	13.4	372.4	Appendix C1
2.2.2	Québec Pension	0.0	13.4	0.0	Appendix C2
2.2.3	Workmen's Compensation	51.3	13.5	692.8	Appendix C3
2.2.4	Québec Health Insurance	68.4	13.6	930.3	Appendix C4
2.2.5	Québec Parental Insurance Plan	263.4	13.5	3,552.6	Appendix C5
2.3	Insurance	0.0	(90.8)	0.0	Appendix D1
2.4	Voucher Analysis	8,844.8	42.6	377,053.1	Appendix D2
2.	<b>TOTAL OPERATING AND MAINTENANCE EXPENSE</b>	<b>15,353.5 </b>	<b>31.2 <sup>a/</sup></b>	<b>479,543.7</b>	

a/ Total Column 3 divided by Total Column 1.

## 4.2.1 GAS COSTS

The gas supply expense lag was determined by individual voucher analysis of actual 2019 Rate 200 transactions. The lag days were then applied to 2021 gas cost transactions. The calculated gas cost lag of 54.3 days reflects the anticipated 2021 gas cost lag day. The lag day has increased when compared with the gas cost lag day of 44.4 days in 2020. The reason for this increase in the lag days is that gas cost payments were now pay quarterly instead of monthly and also in general gas cost payments is higher in the 2019 Closing of the Books than in 2018. The dollar weighted lag for gas costs is developed in Appendix A1.

# WORKING CASH ANALYSIS

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## 4.2.2 O&M EXPENSES

The O&M costs were grouped into a number of categories due to either their similarities or levels of cost. These categories are labour, labour related, insurance and voucher analysis expenses.

O&M expense lag days were updated in the 2016 closing of the books, and applied to budgeted 2021 O&M expenses.

A voucher analysis of actual 2016 transactions was performed and a dollar-weighted lag was developed for the following expense accounts:

- Labour,
- Unemployment insurance,
- Québec pension,
- Worker's compensation,
- Group insurance,
- Québec health insurance,
- Health insurance,
- Dental insurance,
- Pension plan,
- Savings plan,
- Long-term disability
- Insurance, and
- Québec Parental Insurance Plan

The results can be seen in Appendix B1 through D2.

## 4.3 TAXES

For the 2019 Closing of the Books, analysis of actual 2019 transactions were undertaken for the municipal taxes, the Régie dues, and fees to the Province of Québec. This analysis showed an overall increase in the tax lag days from (95.4) days in 2018 to (98.8) days in 2019. Municipal taxes were paid on February 27, 2019, 124.5 days from the midpoint of the year (as seen in Item 1.1, Column 2, of Figure 6). Conversely, the Disbursement Lag Day of 5.2 days for Régie dues is a result of voucher analysis showing that monthly payments were made, on average, 5.2 days after the midpoint of the month for which the payment is made. Similarly, fees to the Province of Québec were submitted an average of 56.8 days after the midpoint of the month for which the payment is made.

These lag days were then applied to 2021 taxes.

# WORKING CASH ANALYSIS

FIGURE 6						
GAZIFERE INC.						
ANALYSIS OF TAXES						
FISCAL 2021						
		Col. 1	Col. 2	Col. 3	Col. 4	
Item No.		Amount (\$)	Disbursement Lag Days	Weighted Dollar Days (\$)	a/	Reference
1.1	Municipal Taxes	838,116	(124.5)	(104,345,442.0)		Appendix E1.1
1.2	Capital Taxes	0	0.0	0.0		Appendix E1.2
1.3	Régie de l'énergie dues	117,032	(5.2)	(608,565.0)		Appendix E1.3
1.4	Régie du bâtiment dues	68,200	56.8	3,873,760.0		Appendix E1.4
1.	Tax Liability	1,023,348	(98.7) b/	(101,080,247)		

a/ Column 1 multiplied by Column 2.  
b/ Total Column 3 divided by Total Column 1.

## 4.4 INCOME TAXES

The income taxes expense lag was deemed to be 15.2 days or 1/24<sup>th</sup> of a year. This approach recognizes that installments are paid monthly to the Government.

## 5. WORKING CASH REQUIREMENTS FOR THE GOODS AND SERVICES TAXES

### 5.1 SUMMARY

Gazifère is required to pay 5% GST on specific items. Likewise, GST is collected on services rendered to customers, and is remitted to the Government. The differences in the levels and timing of the taxes paid and collected impacts the working cash requirement of the Company. For 2021 this results in a working cash requirement of (\$173.4) thousand.

The 7.5% QST applies to essentially the same tax base for purchases made in Québec as the GST, and also applies to the total costs incurred, including the GST. The net combined GST and QST are

# WORKING CASH ANALYSIS

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remitted/collected to/from the Québec Government on a similar basis that is in effect for the GST.

A difference in treatment arises when the Company is entitled to a refund that was created by its net position on QST. However, the two taxes can be basically considered as one combined tax in most situations. For 2021, the QST working cash requirement is equal to (\$273.0) thousand.

## **5.2 THEORETICAL FRAMEWORK**

The model for GST and QST is detailed in Appendix F1. It determines the impacts on working cash arising from the respective taxes by simulating the actual levels and timing of GST and QST activities. Two estimations are required for the model;

- The GST and QST tax base level, and
- The tax lags for related revenues and expenses.

The GST and QST tax levels are estimated by applying their respective tax rates to:

- revenues,
- O&M expenses excluding labour, and
- capital expenditures.

The QST does not apply to inter-provincial transactions while GST does not apply to transactions between Gazifère, Enbridge Gas Distribution and Enbridge Inc.

The tax acts are specific about the time period for which taxes are collected/paid and for determining when to settle with both levels of Government. Specifically, the tax liability arises on the invoice date, thereby determining the month for which taxes are to apply. Revenues are forecast based on meter reading dates. An adjustment must be made to the revenues if the billing month does not completely coincide with the tax month. Figure 4 indicates that it will take, on average, 2.6 days from reading to billing. Therefore any meter reading preceding the end of the month by two days will be billed in the following month. As an example, a reading on June 29<sup>th</sup> would be posted on July 1<sup>st</sup> creating tax revenue for the month of July, not June. The forecasted revenues are therefore accordingly adjusted.

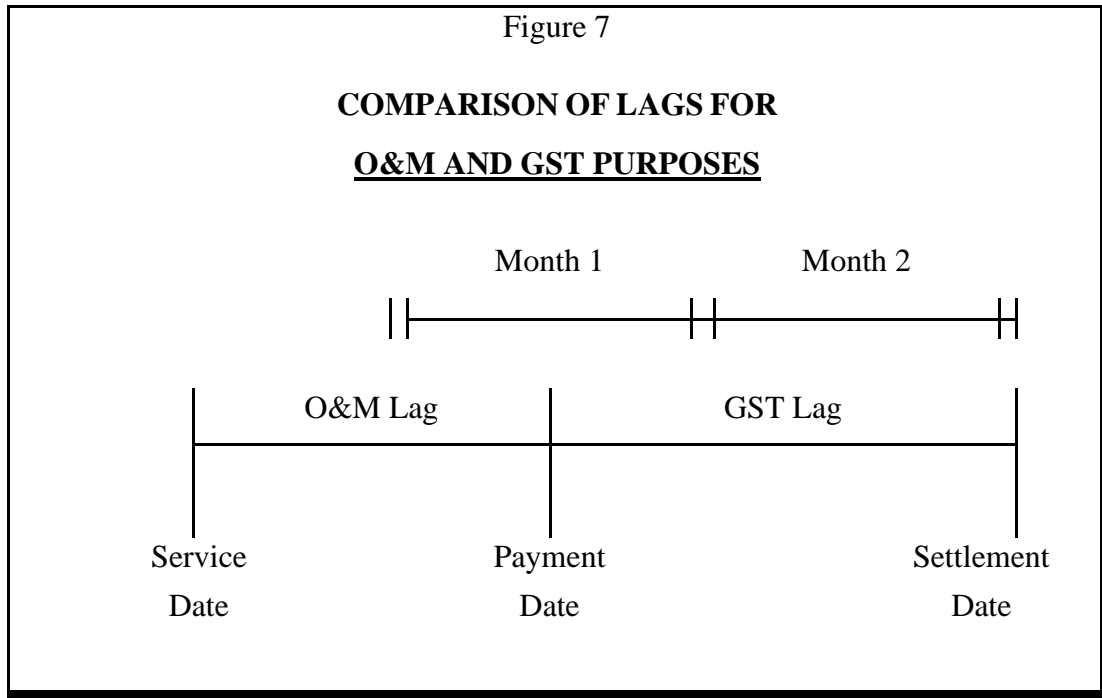
The gas supply related expenses, O&M expenses and capital expenditures are budgeted in the appropriate time period for tax purposes and require no adjustment.

Figure 7 illustrates that the lags for tax purposes are not the same as for standard working cash purposes. The analysis of the lags for revenue and O&M are measured from the service period to



# WORKING CASH ANALYSIS

the time the service was paid as illustrated in Figure 2. The appropriate lag for GST and QST purposes starts when the payment is made and ends when the Government and the Company settle.



For taxes collected, for both GST and QST, the settlement is on the last day of the month following the month in which the tax liability was incurred. This is illustrated in Figure 7. As an example, taxes invoiced for collection in June are to be remitted on July 31.

For GST paid, the settlement takes an additional 21 days over the allowed time for collected taxes. That is, for taxes invoiced for payment in June, the Federal Government will settle by August 21. For QST taxes paid, the settlement is extended to 31 days over the allowed time for collected taxes. Therefore for taxes invoiced for payment in June, the Provincial Government will settle by August 31.

In practical terms, only the net of paid and collected for both GST and QST will be settled for each month. The determination of the working cash for GST/QST follows this framework.

## **5.3 WORKING CASH REQUIREMENT CALCULATION ARISING FROM THE GST/QST**

The detailed monthly calculation for the GST and QST can be found in Appendix F1. As an illustration of the detailed calculation, Figure 8 is an extract from Appendix F1 and shows the

# WORKING CASH ANALYSIS

computation of the average cash impact from revenues only for the GST and QST, for the months of July to September 2019.

Figure 8  
**ILLUSTRATION OF THE WORKING CASH**  
**EFFECT ARISING FROM REVENUES**

Item No.	Col.1	Col. 2	Col. 3	Col. 13
	<u>July</u>	<u>August</u>	<u>September</u>	<u>Total</u>
1. Revenue (\$000)	(2,458.0)	(1,382.3)	(2,410.5)	(52,917.3)
3.1 GST Amounts (\$000)	(122.9)	(69.1)	(120.5)	(2,645.9)
4.1 QST Amounts (\$000)	(193.6)	(108.9)	(189.8)	(4,167.2)
LAG DAYS				
6.1 Average Payment Days	(4.7)	(4.7)	(5.7)	
6.2 Days to Remit/Refund-GST	31.0	30.0	31.0	
6.3 Days to Remit/Refund-QST	31.0	30.0	31.0	
6a. Revenue Lag Days-GST	26.3	25.3	25.3	
6b. Revenue Lag Days-QST	26.3	25.3	25.3	
10.1 Revenue Dollar Days-GST	(3,234.2)	(1,749.6)	(3,051.2)	(66,278.0)
11.1 Revenue Dollar Days-QST	(5,093.9)	(2,755.7)	(4,805.7)	(104,387.9)
12.1 Composite Lag Days-GST	26.3	25.3	25.3	25.0
13.1 Composite Lag Days-QST	26.3	25.3	25.3	25.0

The item numbers correlate to the item numbers in the Appendix F1. To keep the detail as clear as possible, Figure 8 includes only three months of the year. The lags for expenses and capital corresponding to GST and QST are calculated in a similar manner.

Item 1 of Figure 8 is the estimated 202 revenue adjusted by month. Items 3.1 and 4.1 represent the associated GST and QST amounts.

Item 6a is the revenue lag for GST. This lag is the sum of items 6.1 and 6.2, the average payment days and the days to remit/fund. For QST, the revenue lag corresponds to items 6b. It is the sum of items 6.1 and 6.3.

# WORKING CASH ANALYSIS

The tax lag on revenue has similar components to those found in Figure 4 except that the billing lag is not included. The GST and QST are based on the billing date and therefore the time span between meter reading and billing is not material to the lag calculation. The volumes and revenues used in the calculation have been adjusted to reflect the lag arising from a month based on the billing date. This eliminates the lag for billing. The revenue lag is simply the lag from the billing date to the date the revenues are received (collection lag) plus the average number of days in the billing period (average service period). This revenue lag is determined in Figure 9.

Figure 9

**DETERMINATION OF THE  
GST/QST PAYMENT DAYS**

1.	Average Service Period	15.2
2.	Collection Lag	20.5
3.	Total Lag for GST	35.7

The Total Lag determined in Figure 9 is an annual average and is used consistently for each month. Therefore, the payment lag for July, used in Item 6.1 of Figure 8, is the number of days for July less the lag, resulting in a negative 4.7 days (31.0 days – 35.7 days). That is, it takes on average until the 5th of August to collect the taxes.

The application of the revenue lag of Item 6a to the GST, Item 3.1, produces the weighted dollar days of Item 10.1 in Figure 8.

The sum of the Dollar Days divided by the total taxes arising from revenues results in the average lag days for the year in Item 12.1 Column 13, which is 25.0 days. The same reasoning applies to QST.

Figure 10 is a summary of the results found in the Appendix F1 for the GST. Column 1 is the annual level of GST estimated for each item. The monthly breakdown of these amounts was used in the model for the lag determination. Column 2 is the lag days. The average daily amount, which is Column 1 divided by 365, is carried for the number of days found in Column 2. This level of

# WORKING CASH ANALYSIS

funding is found in Column 3. The total of Column 3, \$(172.0) thousand is the working cash requirement for 2021.

FIGURE 10

**SUMMARY OF GST AMOUNTS  
FOR WORKING CASH REQUIREMENT  
FISCAL 2021**

Item No.	Col. 1	Col. 2	Col. 3
	Rev/Exp (\$000)	Lag Days	Working Cash Requirement (\$000)
1.1 Revenue	(2,645.9)	25.0	(181.1)
1.2 O & M	196.7	13.2	7.1
1.3 Capital	(398.2)	(1.9)	2.0
1. Total			<u>(172.0)</u>

a/ Col. 1 divided by 365 days times Col. 2

Figure 11 is a summary of the results found in Appendix F1 for the QST. The presentation is the same as in Figure 10. The total of Column 3, \$(270.7) thousand is the working cash requirement for 2021.

# WORKING CASH ANALYSIS

FIGURE 11

## SUMMARY OF QST AMOUNTS FOR WORKING CASH REQUIREMENT FISCAL 2021

Item No.	Col. 1	Col. 2	Col. 3
	Rev/Exp (\$000)	Lag Days	Working Cash Requirement (\$000)
1.1 Revenue	(4,167.2)	25.0	(285.2) a/
1.2 O & M	312.7	13.2	11.3 a/
1.3 Capital	(633.1)	(1.9)	3.2 a/
1. Total			<u>(270.7)</u>

a/ Col. 1 divided by 365 days times Col. 2

## 6. RECOMMENDATIONS

The determination of the working cash requirement for 2021 should be based on:

- revenue lag of 37.5 days,
- gas cost lag of 54.3 days,
- O&M lag of 31.2 days,
- tax lag of (98.8) days,
- income tax lag of 15.2 days,
- a working cash requirement of \$(172,000) for GST , and
- a working cash requirement of \$(270,700) for QST.

The working cash requirement arising from the application of the net lag days to the forecasted level of expenses for the Test Year and the inclusion of working cash from GST, QST and the uncollectibles, results in a \$1,075,100 credit in rate base, as outlined in Exhibit GI-44, Document 2.

The Company believes these results represent reasonable estimates for the 2021 Test Year.

# **WORKING CASH ANALYSIS**

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## ***APPENDICES***

## APPENDIX A1

**GAZIFERE INC.**  
**ANALYSIS OF LAG FOR GAS COSTS**  
**FISCAL 2019**

Item No.	Col. 1 Month Delivered	Col. 2 Payment Date	Col. 3 Days From Month-End To Payment	Col. 4 One-Half Days In Month	Col. 5 Total Lag Days a/	Col. 6 Amounts (\$000)	Col. 7 Weighted Dollar Days b/ (\$000)
1.	janv-19	21-févr-19	21	15,5	36,5	6 446,5	235 297,2
2.	févr-19	25-mars-19	25	14,0	39,0	5 114,0	199 447,7
3.	mars-19	23-mai-19	53	15,5	68,5	4 456,1	305 243,3
4.	avr-19	23-mai-19	23	15,0	38,0	2 627,2	99 832,1
5.	mai-19	22-août-19	83	15,5	98,5	1 446,0	142 435,2
6.	juin-19	22-août-19	53	15,0	68,0	970,1	65 964,6
7.	juil-19	22-août-19	22	15,5	37,5	762,0	28 573,9
8.	août-19	15-nov-19	76	15,5	91,5	899,8	82 330,1
9.	sept-19	15-nov-19	46	15,0	61,0	1 100,5	67 128,9
10.	oct-19	22-nov-19	22	15,5	37,5	1 656,5	62 119,8
11.	nov-19	22-déc-19	22	15,0	37,0	2 081,9	77 030,1
12.	déc-19	26-févr-20	57	15,5	72,5	7 262,1	526 504,5
13.	Total				<u>54,3</u> c/	<u>34 822,7</u>	<u>1 891 907,4</u>

a/ Sum of Columns 3 and 4.

b/ Column 5 multiplied by Column 6.

c/ Total Column 7 divided by Total Column 6.

APPENDIX B1

**GAZIFERE INC.  
ANALYSIS OF LABOUR COST COMPONENTS  
FISCAL 2016**

Item No.	Col. 1	Col. 2	Col. 3	Col. 4	
	<u>Amount</u> a/ (\$)	<u>Disbursement Lag</u>	<u>Weighted Dollar Days</u> b/ (\$)	<u>Reference</u>	
	Semi-Monthly				
1,1	Payroll Related Taxes	1 346 616	13,5	18 129 202,1	Appendix B2.1
1,2	Flex benefits	209 788	69,2	14 526 544,1	Appendix C7
1,3	Balance	<u>1 210 133</u>	6,0	<u>7 260 796,1</u>	Appendix B2.3
1.	Total Semi-Monthly	2 766 536	14,4 c/	39 916 542,2	
	By-Weekly Clerical				
2,1	Payroll Related Taxes	1 243 030	13,5	16 734 647,3	Appendix B2.2
2,2	Flex benefits	193 650	69,2	13 409 117,5	Appendix C7
2,3	Balance	<u>1 117 046</u>	13,0	<u>14 521 592,9</u>	Appendix B2.3
2.	Total Weekly	2 553 726	17,5 c/	44 665 357,8	
3.	Total Labour	<u><u>5 320 262</u></u>	15,9 c/	<u><u>84 581 900,0</u></u>	

a/ From analysis of fiscal 2016 payroll records.

b/ Column 1 multiplied by Column 2.

c/ Total Column 3 divided by Total Column 1.



## APPENDIX B2.1

**GAZIFERE INC.**  
**ANALYSIS OF LAG IN PAYMENT OF PAYROLL- RELATED TAXES**  
**SUPERVISORY EMPLOYEES**  
**FISCAL 2016**

Item No.	Col. 1 Start of Service Period	Col. 2 End of Service Period	Col. 3 Payment Date	Col. 4 Days From Period-End to Payment	Col. 5 One-Half Days in Period	Col. 6 Total Remittance Lag a/	Col. 7 Federal Income Tax (\$)	Col. 8 Unemployment Insurance (\$)	Col. 9 Provincial Income Tax (\$)	Col. 10 Québec Parental Insurance (\$)	Col. 11 Québec Pension (\$)	Col. 12 Total Remittance b/ (\$)	Col. 13 Weighted Dollar-Days c/ (\$)
1.	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	18 951,18	123,37				19 074,55	209 820,1
2.	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	15 746,79	2 105,73				17 852,52	303 492,8
3.	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	29 531,05	1 905,54				31 436,59	345 802,5
4.	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	14 450,82	2 016,50				16 467,32	181 140,5
5.	14-févr-16	27-févr-16	03-mars-16	5,0	7,0	12,0	89 674,90	7 593,40				97 268,30	1 167 219,6
6.	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	14 502,67	1 768,69				16 271,36	211 527,7
7.	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	14 186,93	1 740,38				15 927,31	270 764,3
8.	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	14 860,92	1 795,42				16 656,34	283 157,8
9.	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	14 767,36	1 749,18				16 516,54	297 297,7
10.	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	15 030,92	1 767,86				16 798,78	184 786,6
11.	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	15 686,26	1 818,47				17 504,73	210 056,8
12.	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	15 253,56	1 743,52				16 997,08	220 962,0
13.	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	15 310,82	1 715,90				17 026,72	204 320,6
14.	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	14 683,10	1 504,30				16 187,40	178 061,4
15.	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	15 003,68	1 283,09				16 286,77	276 875,1
16.	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	15 188,72	1 105,64				16 294,36	179 238,0
17.	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	15 022,32	987,95				16 010,27	176 113,0
18.	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	15 668,77	937,54				16 606,31	282 307,3
19.	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	19 001,31	881,61				19 882,92	318 126,7
20.	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	15 028,42	762,63				15 791,05	284 238,9
21.	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	15 625,94	654,04				16 279,98	195 359,8
22.	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	16 110,12	480,13				16 590,25	182 492,8
23.	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	20 243,51	270,43				20 513,94	246 167,3
24.	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	15 149,98	276,85				15 426,83	185 122,0
25.	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	15 322,44	273,33				15 595,77	249 532,3
26.	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	22 784,57	200,75				22 985,32	413 735,8

APPENDIX B2.1

GAZIFERE INC.  
ANALYSIS OF LAG IN PAYMENT OF PAYROLL- RELATED TAXES  
SUPERVISORY EMPLOYEES  
FISCAL 2016

Item No.	Col. 1 Start of Service Period	Col. 2 End of Service Period	Col. 3 Payment Date	Col. 4 Days From Period-End to Payment	Col. 5 One-Half Days in Period	Col. 6 Total Remittance Lag a/	Col. 7 Federal Income Tax (\$)	Col. 8 Unemployment Insurance (\$)	Col. 9 Provincial Income Tax (\$)	Col. 10 Québec Parental Insurance (\$)	Col. 11 Québec Pension (\$)	Col. 12 Total Remittance b/ (\$)	Col. 13 Weighted Dollar-Days c/ (\$)
27	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0			24 361,60	308,23	593,44	25 263,27	277 896,0
28	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0			20 678,79	759,16	7 266,96	28 704,91	487 983,5
29	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0			39 397,05	687,04	6 529,91	46 614,00	512 754,0
30	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0			19 204,22	726,94	6 912,12	26 843,28	295 276,1
31	14-févr-16	27-févr-16	03-mars-16	5,0	7,0	12,0			109 687,92	2 895,21	26 878,29	139 461,42	1 673 537,0
32	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0			19 516,50	696,91	6 085,49	26 298,90	341 885,7
33	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0			19 182,28	672,24	6 018,25	25 872,77	439 837,1
34	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0			20 022,84	679,60	6 238,36	26 940,80	457 993,6
35	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0			19 985,97	656,14	6 082,02	26 724,13	481 034,3
36	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0			20 299,52	661,55	6 115,41	27 076,48	297 841,3
37	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0			21 161,65	686,74	6 283,07	28 131,46	337 577,5
38	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0			20 613,07	673,60	6 027,61	27 314,28	355 085,6
39	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0			20 687,70	666,28	5 948,97	27 302,95	327 635,4
40	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0			19 847,25	634,71	5 202,74	25 684,70	282 531,7
41	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0			20 233,39	636,31	4 698,16	25 567,86	434 653,6
42	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0			20 520,33	639,91	3 983,92	25 144,16	276 585,8
43	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0			20 249,43	619,61	3 609,56	24 478,60	269 264,6
44	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0			20 769,95	634,13	3 358,11	24 762,19	420 957,2
45	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0			24 691,66	609,94	3 758,59	29 060,19	464 963,0
46	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0			20 021,70	560,85	2 708,21	23 290,76	419 233,7
47	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0			20 690,31	511,38	2 362,08	23 563,77	282 765,2
48	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0			21 323,72	444,11	1 789,67	23 557,50	259 132,5
49	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0			20 309,48	413,84	1 029,53	21 752,85	261 034,2
50	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0			19 996,20	383,38	964,22	21 343,80	256 125,6
51	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0			20 240,89	360,43	951,59	21 552,91	344 846,6
52	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0			32 805,94	338,96	913,55	34 058,45	613 052,1
53	TOTAL					13,5	502 787,1	37 462,3	656 499,4	17 557,2	132 309,8	1 346 615,7	18 129 202,1

a/ Sum of Columns 4 and 5.  
b/ Sum of Columns 7 through 10.  
c/ Column 6 multiplied by Column 11.  
d/ Total Column 12 divided by Total Column 11.

## APPENDIX B2.2

**GAZIFERE INC.**  
**ANALYSIS OF LAG IN PAYMENT OF PAYROLL- RELATED TAXES**  
**BI-WEEKLY EMPLOYEES**  
**ALL EMPLOYEES**

Item No.	Col. 1 Start of Service Period	Col. 2 End of Service Period	Col. 3 Payment Date	Col. 4 Days From Period-End to Payment	Col. 5 One-Half Days in Period	Col. 6 Total Remittance Lag a/	Col. 7 Federal Income Tax (\$)	Col. 8 Unemployment Insurance (\$)	Col. 9 Provincial Income Tax (\$)	Col. 10 Québec Parental Insurance (\$)	Col. 11 Québec Pension (\$)	Col. 12 Total Remittance b/ (\$)	Col. 13 Weighted Dollar-Days c/ (\$)
1.	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	17 493,40	113,88				17 607,28	193 680,1
2.	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	14 535,50	1 943,75				16 479,25	280 147,3
3.	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	27 259,43	1 758,96				29 018,39	319 202,3
4.	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	13 339,21	1 861,39				15 200,60	167 206,6
5.	14-févr-16	27-févr-16	03-mars-16	5,0	7,0	12,0	82 776,83	7 009,29				89 786,12	1 077 433,4
6.	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	13 387,08	1 632,64				15 019,72	195 256,4
7.	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	13 095,62	1 606,50				14 702,12	249 936,0
8.	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	13 717,78	1 657,31				15 375,09	261 376,5
9.	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	13 631,40	1 614,62				15 246,02	274 428,4
10.	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	13 874,70	1 631,88				15 506,58	170 572,4
11.	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	14 479,62	1 678,58				16 158,20	193 898,4
12.	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	14 080,20	1 609,40				15 689,60	203 964,8
13.	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	14 133,06	1 583,91				15 716,97	188 603,6
14.	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	13 553,64	1 388,58				14 942,22	164 364,4
15.	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	13 849,55	1 184,40				15 033,95	255 577,2
16.	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	14 020,36	1 020,59				15 040,95	165 450,5
17.	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	13 866,75	911,96				14 778,71	162 565,8
18.	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	14 463,48	865,42				15 328,90	260 591,3
19.	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	17 539,67	813,79				18 353,46	293 655,4
20.	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	13 872,39	703,96				14 576,35	262 374,3
21.	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	14 423,94	603,72				15 027,66	180 331,9
22.	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	14 870,88	443,20				15 314,08	168 454,9
23.	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	18 686,32	249,63				18 935,95	227 231,4
24.	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	13 984,60	255,56				14 240,16	170 881,9
25.	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	14 143,80	252,30				14 396,10	230 337,6
26.	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	21 031,91	185,30				21 217,21	381 909,8

APPENDIX B2.2

**GAZIFERE INC.**  
**ANALYSIS OF LAG IN PAYMENT OF PAYROLL- RELATED TAXES**  
**BY-WEEKLY EMPLOYEES**  
**ALL EMPLOYEES**

Item No.	Col. 1 Start of Service Period	Col. 2 End of Service Period	Col. 3 Payment Date	Col. 4 Days From Period-End to Payment	Col. 5 One-Half Days in Period	Col. 6 Total Remittance Lag a/	Col. 7 Federal Income Tax (\$)	Col. 8 Unemployment Insurance (\$)	Col. 9 Provincial Income Tax (\$)	Col. 10 Québec Parental Insurance (\$)	Col. 11 Québec Pension (\$)	Col. 12 Total Remittance b/ (\$)	Col. 13 Weighted Dollar-Days c/ (\$)	
27	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0			22 487,63	284,52	547,79	23 319,94	256 519,3	
28	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0			19 088,12	700,77	6 707,97	26 496,86	450 446,6	
29	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0			36 366,50	634,19	6 027,60	43 028,29	473 311,2	
30	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0			17 726,97	671,03	6 380,41	24 778,41	272 562,5	
31	14-févr-16	27-févr-16	03-mars-16	5,0	7,0	12,0			101 250,38	2 672,51	24 810,72	128 733,61	1 544 803,3	
32	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0			18 015,24	643,31	5 617,38	24 275,93	315 587,1	
33	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0			17 706,72	620,52	5 555,30	23 882,54	406 003,2	
34	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0			18 482,63	627,32	5 758,48	24 868,43	422 763,3	
35	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0			18 448,58	605,66	5 614,18	24 668,42	444 031,6	
36	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0			18 738,02	610,66	5 645,00	24 993,68	274 930,5	
37	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0			19 533,84	633,92	5 799,75	25 967,51	311 610,1	
38	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0			19 027,45	621,79	5 563,95	25 213,19	327 771,5	
39	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0			19 096,33	615,03	5 491,35	25 202,71	302 432,5	
40	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0			18 320,54	585,88	4 802,52	23 708,94	260 798,3	
41	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0			18 676,98	587,36	4 336,77	23 601,11	401 218,9	
42	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0			18 941,84	590,68	3 677,46	23 209,98	255 309,8	
43	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0			18 691,78	571,95	3 331,91	22 595,64	248 552,0	
44	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0			19 172,26	585,35	3 099,79	22 857,40	388 575,8	
45	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0			22 792,30	563,02	3 469,47	26 824,79	429 196,6	
46	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0			18 481,57	517,71	2 499,88	21 499,16	386 984,9	
47	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0			19 098,74	472,05	2 180,39	21 751,18	261 014,2	
48	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0			19 683,43	409,94	1 652,00	21 745,37	239 199,1	
49	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0			18 747,22	382,00	950,33	20 079,55	240 954,6	
50	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0			18 458,03	353,88	890,05	19 701,96	236 423,5	
51	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0			18 683,90	332,71	878,39	19 895,00	318 320,0	
52	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0			30 282,41	312,89	843,28	31 438,58	565 894,4	
53	TOTAL						13,5 d/	464 111,12	34 580,52	605 999,41	16 206,65	122 132,12	1 243 029,82	16 734 647,31

- a/ Sum of Columns 4 and 5.
- b/ Sum of Columns 7 through 10.
- c/ Column 6 multiplied by Column 11.
- d/ Total Column 12 divided by Total Column 11.

APPENDIX B2.3

**GAZIFERE INC.  
ANALYSIS OF LAG FOR  
NET LABOUR COSTS**

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Bi-Weekly Supervisory:

Supervisory payroll is paid on the last Friday of the pay period. The obligation to disburse funds for net wages is considered to arise uniformly over the pay period. Therefore, the services provided can be considered to occur at the mid-point of the pay period. This is calculated as follows.

$$\text{Average pay period} = 365 \div 26 = 14.0 \text{ days}$$

$$\text{Expense lag} = (14.0 \div 2) - 1 = 6 \text{ days}$$

Bi-Weekly Clerical:

Bi-Weekly payroll is paid the 1st Friday following the end of the pay period, which is considered Sunday through Saturday. The service is considered to be rendered at the mid-point of the period. Payment is made on Friday, six days after the pay period.

$$\text{Mid-point to end of pay period} = 14 \div 2 = 7 \text{ days}$$

$$\text{End of pay period to payment} = 6.0 \text{ days}$$

$$\text{Expense lag} = 13 \text{ days}$$

APPENDIX C1

**GAZIFERE INC.  
ANALYSIS OF LAG FOR  
EMPLOYMENT INSURANCE  
ALL EMPLOYEES**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Item No.	Start of Service Period	End of Service Period	Payment Date	Days From Period-End To Payment	One-Half Days in Period	Total Disbursement Lag Days a/	Amounts (\$)	Weighted Dollar Days b/ (\$)
1.	20-déc-15	02-janv-16	06-janv-16	4	7,0	11,0	139,19	1 531,1
2.	03-janv-16	16-janv-16	26-janv-16	10	7,0	17,0	2 292,58	38 973,9
3.	17-janv-16	30-janv-16	03-févr-16	4	7,0	11,0	2 122,57	23 348,3
4.	31-janv-16	13-févr-16	17-févr-16	4	7,0	11,0	2 195,06	24 145,7
5.	14-févr-16	27-févr-16	03-mars-16	5	7,0	12,0	8 255,05	99 060,6
6.	28-févr-16	12-mars-16	18-mars-16	6	7,0	13,0	1 926,50	25 044,5
7.	13-mars-16	26-mars-16	05-avr-16	10	7,0	17,0	1 895,70	32 226,9
8.	27-mars-16	09-avr-16	19-avr-16	10	7,0	17,0	1 955,50	33 243,5
9.	10-avr-16	23-avr-16	04-mai-16	11	7,0	18,0	1 906,15	34 310,7
10.	24-avr-16	07-mai-16	11-mai-16	4	7,0	11,0	1 926,53	21 191,8
11.	08-mai-16	21-mai-16	26-mai-16	5	7,0	12,0	1 987,05	23 844,6
12.	22-mai-16	04-juin-16	10-juin-16	6	7,0	13,0	1 906,47	24 784,1
13.	05-juin-16	18-juin-16	23-juin-16	5	7,0	12,0	1 875,72	22 508,6
14.	19-juin-16	02-juil-16	06-juil-16	4	7,0	11,0	1 645,68	18 102,5
15.	03-juil-16	16-juil-16	26-juil-16	10	7,0	17,0	1 404,57	23 877,7
16.	17-juil-16	30-juil-16	03-août-16	4	7,0	11,0	1 210,44	13 314,8
17.	31-juil-16	13-août-16	17-août-16	4	7,0	11,0	1 084,16	11 925,8
18.	14-août-16	27-août-16	06-sept-16	10	7,0	17,0	1 030,82	17 523,9
19.	28-août-16	10-sept-16	19-sept-16	9	7,0	16,0	969,25	15 508,0
20.	11-sept-16	24-sept-16	05-oct-16	11	7,0	18,0	835,95	15 047,1
21.	25-sept-16	08-oct-16	13-oct-16	5	7,0	12,0	718,42	8 621,0
22.	09-oct-16	22-oct-16	26-oct-16	4	7,0	11,0	528,45	5 813,0
23.	23-oct-16	05-nov-16	10-nov-16	5	7,0	12,0	300,59	3 607,1
24.	06-nov-16	19-nov-16	24-nov-16	5	7,0	12,0	308,76	3 705,1
25.	20-nov-16	03-déc-16	12-déc-16	9	7,0	16,0	304,71	4 875,4
26.	04-déc-16	17-déc-16	28-déc-16	11	7,0	18,0	225,12	4 052,2

APPENDIX C1

**GAZIFERE INC.  
ANALYSIS OF LAG FOR  
EMPLOYMENT INSURANCE  
ALL EMPLOYEES**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Item No.	Start of Service Period	End of Service Period	Payment Date	Days From Period-End To Payment	One-Half Days in Period	Total Disbursement Lag Days a/	Amounts (\$)	Weighted Dollar Days b/ (\$)
27.	20-déc-15	02-janv-16	06-janv-16	4	7,0	11,0	150,79	1 658,7
28.	03-janv-16	16-janv-16	26-janv-16	10	7,0	17,0	2 483,63	42 221,7
29.	17-janv-16	30-janv-16	03-févr-16	4	7,0	11,0	2 299,46	25 294,1
30.	31-janv-16	13-févr-16	17-févr-16	4	7,0	11,0	2 377,98	26 157,8
31.	14-févr-16	27-févr-16	03-mars-16	5	7,0	12,0	8 942,98	107 315,8
32.	28-févr-16	12-mars-16	18-mars-16	6	7,0	13,0	2 087,05	27 131,7
33.	13-mars-16	26-mars-16	05-avr-16	10	7,0	17,0	2 053,68	34 912,6
34.	27-mars-16	09-avr-16	19-avr-16	10	7,0	17,0	2 118,45	36 013,7
35.	10-avr-16	23-avr-16	04-mai-16	11	7,0	18,0	2 064,99	37 169,8
36.	24-avr-16	07-mai-16	11-mai-16	4	7,0	11,0	2 087,07	22 957,8
37.	08-mai-16	21-mai-16	26-mai-16	5	7,0	12,0	2 152,64	25 831,7
38.	22-mai-16	04-juin-16	10-juin-16	6	7,0	13,0	2 065,34	26 849,4
39.	05-juin-16	18-juin-16	23-juin-16	5	7,0	12,0	2 032,02	24 384,2
40.	19-juin-16	02-juil-16	06-juil-16	4	7,0	11,0	1 782,82	19 611,0
41.	03-juil-16	16-juil-16	26-juil-16	10	7,0	17,0	1 521,62	25 867,5
42.	17-juil-16	30-juil-16	03-août-16	4	7,0	11,0	1 311,32	14 424,5
43.	31-juil-16	13-août-16	17-août-16	4	7,0	11,0	1 174,50	12 919,5
44.	14-août-16	27-août-16	06-sept-16	10	7,0	17,0	1 116,73	18 984,4
45.	28-août-16	10-sept-16	19-sept-16	9	7,0	16,0	1 050,02	16 800,3
46.	11-sept-16	24-sept-16	05-oct-16	11	7,0	18,0	905,62	16 301,2
47.	25-sept-16	08-oct-16	13-oct-16	5	7,0	12,0	778,29	9 339,5
48.	09-oct-16	22-oct-16	26-oct-16	4	7,0	11,0	572,48	6 297,3
49.	23-oct-16	05-nov-16	10-nov-16	5	7,0	12,0	325,64	3 907,7
50.	06-nov-16	19-nov-16	24-nov-16	5	7,0	12,0	334,49	4 013,9
51.	20-nov-16	03-déc-16	12-déc-16	9	7,0	16,0	330,10	5 281,6
52.	04-déc-16	17-déc-16	28-déc-16	11	7,0	18,0	243,89	4 390,0
53.	Total					<u>13,4 c/</u>	<u>85 314,59</u>	<u>1 146 225,30</u>

a/ Sum of Columns 4 and 5.

b/ Column 6 multiplied by Column 7.

c/ Total Column 8 divided by Total Column 7.

APPENDIX C2  
**GAZIFERE INC.**  
**ANALYSIS OF LAG FOR QUÉBEC PENSION**  
**ALL EMPLOYEES**

Item No.	Col. 1 Start of Service Period	Col. 2 End of Service Period	Col. 3 Payment Date	Col. 4 Days From Period-End to Payment	Col. 5 One-Half Days in Period	Col. 6 Total Remittance Lag a/ (\$)	Col. 7 Québec Pension (\$)	Col. 8 Weighted Dollar-Days b/ (\$)
1.	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	547,79	6 025,7
2.	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	6 707,97	114 035,5
3.	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	6 027,60	66 303,6
4.	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	6 380,41	70 184,5
5.	14-févr-16	27-févr-16	03-mars-16	6,0	5,5	11,5	24 810,72	285 323,3
6.	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	5 617,38	73 025,9
7.	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	5 555,30	94 440,1
8.	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	5 758,48	97 894,2
9.	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	5 614,18	101 055,2
10.	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	5 645,00	62 095,0
11.	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	5 799,75	69 597,0
12.	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	5 563,95	72 331,4
13.	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	5 491,35	65 896,2
14.	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	4 802,52	52 827,7
15.	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	4 336,77	73 725,1
16.	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	3 677,46	40 452,1
17.	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	3 331,91	36 651,0
18.	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	3 099,79	52 696,4
19.	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	3 469,47	55 511,5
20.	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	2 499,88	44 997,8
21.	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	2 180,39	26 164,7
22.	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	1 652,00	18 172,0
23.	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	950,33	11 404,0
24.	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	890,05	10 680,6
25.	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	878,39	14 054,2
26.	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	843,28	15 179,0



APPENDIX C2  
**GAZIFERE INC.**  
**ANALYSIS OF LAG FOR QUÉBEC PENSION**  
**ALL EMPLOYEES**

Item No.	Col. 1 Start of Service Period	Col. 2 End of Service Period	Col. 3 Payment Date	Col. 4 Days From Period-End to Payment	Col. 5 One-Half Days in Period	Col. 6 Total Remittance Lag a/	Col. 7 Québec Pension (\$)	Col. 8 Weighted Dollar-Days b/ (\$)
27	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	593,44	6 527,8
28	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	7 266,96	123 538,3
29	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	6 529,91	71 829,0
30	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	6 912,12	76 033,3
31	14-févr-16	27-févr-16	03-mars-16	5,0	7,0	12,0	26 878,29	322 539,5
32	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	6 085,49	79 111,4
33	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	6 018,25	102 310,3
34	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	6 238,36	106 052,1
35	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	6 082,02	109 476,4
36	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	6 115,41	67 269,5
37	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	6 283,07	75 396,8
38	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	6 027,61	78 358,9
39	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	5 948,97	71 387,6
40	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	5 202,74	57 230,1
41	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	4 698,16	79 868,7
42	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	3 983,92	43 823,1
43	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	3 609,56	39 705,2
44	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	3 358,11	57 087,9
45	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	3 758,59	60 137,4
46	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	2 708,21	48 747,8
47	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	2 362,08	28 345,0
48	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	1 789,67	19 686,4
49	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	1 029,53	12 354,4
50	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	964,22	11 570,6
51	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	951,59	15 225,4
52	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	913,55	16 443,9
53	Total					13,4 c/	254 441,95	3 410 780,6

a/ Sum of Columns 4 and 5.

b/ Column 6 multiplied by Column 7.

c/ Total Column 8 divided by Total Column 7.

APPENDIX C3

GAZIFERE INC.  
ANALYSIS OF LAG FOR  
WORKER'S COMPENSATION  
ALL EMPLOYEES

Item No.	Col. 1 Start of Service Period	Col. 2 End of Service Period	Col. 3 Payment Date	Col. 4 Days From Period End To Payment	Col. 5 One-Half Days in Period	Col. 6 Total Disbursement Lag Days a/	Col. 7 Amounts (\$)	Col. 8 Weighted Dollar Days b/ (\$)
1.	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	221,2	2 432,8
2.	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	594,3	10 103,6
3.	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	547,3	6 020,3
4.	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	553,9	6 093,2
5.	14-févr-16	27-févr-16	03-mars-16	6,0	5,5	11,5	2 187,5	25 155,8
6.	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	550,4	7 155,7
7.	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	522,4	8 880,6
8.	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	526,4	8 948,8
9.	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	510,6	9 189,9
10.	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	511,7	5 628,7
11.	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	530,0	6 360,4
12.	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	521,5	6 779,2
13.	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	519,7	6 236,0
14.	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	503,1	5 533,9
15.	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	494,0	8 397,2
16.	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	492,0	5 412,2
17.	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	475,1	5 225,6
18.	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	490,6	8 339,9
19.	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	544,5	8 711,8
20.	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	410,8	7 394,9
21.	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	374,0	4 487,6
22.	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	352,1	3 872,6
23.	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	318,8	3 825,1
24.	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	300,1	3 601,4
25.	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	274,1	4 385,1
26.	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	265,9	4 786,0

APPENDIX C3

GAZIFERE INC.  
ANALYSIS OF LAG FOR  
QUÉBEC WORKMENS' COMPENSATION  
WORKER'S COMPENSATION  
ALL EMPLOYEES

Item No.	Col. 1 Start of Service Period	Col. 2 End of Service Period	Col. 3 Payment Date	Col. 4 Days From Period End To Payment	Col. 5 One-Half Days in Period	Col. 6 Total Disbursement Lag Days a/	Col. 7 Amounts (\$)	Col. 8 Weighted Dollar Days b/ (\$)
27.	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	239,59	2 635,5
28.	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	643,85	10 945,5
29.	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	592,91	6 522,0
30.	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	600,10	6 601,1
31.	14-févr-16	27-févr-16	03-mars-16	5,0	7,0	12,0	2 369,75	28 437,0
32.	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	596,30	7 751,9
33.	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	565,93	9 620,8
34.	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	570,26	9 694,4
35.	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	553,10	9 955,8
36.	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	554,35	6 097,9
37.	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	574,20	6 890,4
38.	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	564,94	7 344,2
39.	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	562,97	6 755,6
40.	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	545,00	5 995,0
41.	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	535,11	9 096,9
42.	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	533,02	5 863,2
43.	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	514,64	5 661,0
44.	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	531,46	9 034,8
45.	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	589,87	9 437,9
46.	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	445,07	8 011,3
47.	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	405,14	4 861,7
48.	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	381,39	4 195,3
49.	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	345,32	4 143,8
50.	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	325,14	3 901,7
51.	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	296,90	4 750,4
52.	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	288,04	5 184,7
53.	Total					13,5 c/	28 316,05	382 348,2

a/ Sum of Columns 4 and 5.

b/ Column 6 multiplied by Column 7.

c/ Total Column 8 divided by Total Column 7.

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## APPENDIX C4

**GAZIFERE INC.  
ANALYSIS OF LAG FOR  
QUÉBEC HEALTH INSURANCE  
FISCAL 2016**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Item No.	Start of Service Period	End of Service Period	Payment Date	Days From Period End To Payment	One-Half Days in Period	Total Disbursement Lag Days a/	Amounts (\$)	Weighted Dollar Days b/ (\$)
1.	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	5 315,27	58 468,0
2.	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	5 626,31	95 647,3
3.	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	5 181,13	56 992,4
4.	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	5 243,94	57 683,3
5.	14-févr-16	27-févr-16	03-mars-16	6,0	5,5	11,5	21 131,89	243 016,7
6.	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	5 340,95	69 432,4
7.	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	5 294,11	89 999,9
8.	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	5 474,58	93 067,9
9.	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	5 476,07	98 569,3
10.	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	5 553,20	61 085,2
11.	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	5 734,29	68 811,5
12.	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	5 636,62	73 276,1
13.	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	5 635,06	67 620,7
14.	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	5 466,55	60 132,1
15.	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	5 542,59	94 224,0
16.	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	5 563,86	61 202,5
17.	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	5 530,06	60 830,7
18.	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	5 672,45	96 431,7
19.	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	6 457,73	103 323,7
20.	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	5 515,08	99 271,4
21.	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	5 569,65	66 835,8
22.	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	5 726,05	62 986,6
23.	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	5 585,78	67 029,4
24.	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	5 543,83	66 526,0
25.	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	5 591,57	89 465,1
26.	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	7 553,92	135 970,6

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APPENDIX C4

GAZIFERE INC.  
ANALYSIS OF LAG FOR  
QUÉBEC HEALTH INSURANCE  
FISCAL 2016

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Item No.	Start of Service Period	End of Service Period	Payment Date	Days From Period End To Payment	One-Half Days in Period	Total Disbursement Lag Days a/	Amounts (\$)	Weighted Dollar Days b/ (\$)
27.	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	5 758,21	63 340,3
28.	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	6 095,17	103 617,9
29.	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	5 612,89	61 741,8
30.	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	5 680,93	62 490,2
31.	14-févr-16	27-févr-16	03-mars-16	5,0	7,0	12,0	22 892,88	274 714,6
32.	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	5 786,02	75 218,3
33.	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	5 735,28	97 499,8
34.	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	5 930,79	100 823,4
35.	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	5 932,40	106 783,2
36.	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	6 015,97	66 175,7
37.	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	6 212,15	74 545,8
38.	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	6 106,33	79 382,3
39.	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	6 104,64	73 255,7
40.	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	5 922,09	65 143,0
41.	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	6 004,47	102 076,0
42.	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	6 027,51	66 302,6
43.	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	5 990,89	65 899,8
44.	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	6 145,16	104 467,7
45.	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	6 995,87	111 933,9
46.	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	5 974,67	107 544,1
47.	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	6 033,79	72 405,5
48.	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	6 203,23	68 235,5
49.	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	6 051,26	72 615,1
50.	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	6 005,82	72 069,8
51.	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	6 057,53	96 920,5
52.	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	8 183,42	147 301,6
53.	Total					13,6 c/	337 421,91	4 590 403,8

a/ Sum of Columns 4 and 5.

b/ Column 6 multiplied by Column 7.

c/ Total Column 8 divided by Total Column 7.

## APPENDIX C5

**GAZIFERE INC.  
ANALYSIS OF LAG FOR  
QUÉBEC PARENTAL INSURANCE PLAN  
ALL EMPLOYEES**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Item No.	Start of Service Period	End of Service Period	Payment Date	Days From Period End To Payment	One-Half Days in Period	Total Disbursement Lag Days a/	Amounts (\$)	Weighted Dollar Days b/ (\$)
1.	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	398,00	4 378,0
2.	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	980,82	16 673,9
3.	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	907,75	9 985,3
4.	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	919,05	10 109,6
5.	14-févr-16	27-févr-16	03-mars-16	6,0	5,5	11,5	3 740,55	43 016,3
6.	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	900,33	11 704,3
7.	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	868,54	14 765,2
8.	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	877,94	14 925,0
9.	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	847,71	15 258,8
10.	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	854,70	9 401,7
11.	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	887,27	10 647,2
12.	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	870,27	11 313,5
13.	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	860,81	10 329,7
14.	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	820,03	9 020,3
15.	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	822,14	13 976,4
16.	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	826,71	9 093,8
17.	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	800,56	8 806,2
18.	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	819,24	13 927,1
19.	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	788,02	12 608,3
20.	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	724,59	13 042,6
21.	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	660,70	7 928,4
22.	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	573,72	6 310,9
23.	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	534,68	6 416,2
24.	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	495,35	5 944,2
25.	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	465,63	7 450,1
26.	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	437,93	7 882,7

## APPENDIX C5

**GAZIFERE INC.  
ANALYSIS OF LAG FOR  
QUÉBEC PARENTAL INSURANCE PLAN  
ALL EMPLOYEES**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Item No.	Start of Service Period	End of Service Period	Payment Date	Days From Period End To Payment	One-Half Days in Period	Total Disbursement Lag Days a/	Amounts (\$)	Weighted Dollar Days b/ (\$)
27.	20-déc-15	02-janv-16	06-janv-16	4,0	7,0	11,0	431,16	4 742,8
28.	03-janv-16	16-janv-16	26-janv-16	10,0	7,0	17,0	1 062,56	18 063,5
29.	17-janv-16	30-janv-16	03-févr-16	4,0	7,0	11,0	983,39	10 817,3
30.	31-janv-16	13-févr-16	17-févr-16	4,0	7,0	11,0	995,64	10 952,0
31.	14-févr-16	27-févr-16	03-mars-16	5,0	7,0	12,0	4 052,27	48 627,2
32.	28-févr-16	12-mars-16	18-mars-16	6,0	7,0	13,0	975,35	12 679,6
33.	13-mars-16	26-mars-16	05-avr-16	10,0	7,0	17,0	940,91	15 995,5
34.	27-mars-16	09-avr-16	19-avr-16	10,0	7,0	17,0	951,10	16 168,7
35.	10-avr-16	23-avr-16	04-mai-16	11,0	7,0	18,0	918,36	16 530,5
36.	24-avr-16	07-mai-16	11-mai-16	4,0	7,0	11,0	925,93	10 185,2
37.	08-mai-16	21-mai-16	26-mai-16	5,0	7,0	12,0	961,21	11 534,5
38.	22-mai-16	04-juin-16	10-juin-16	6,0	7,0	13,0	942,80	12 256,4
39.	05-juin-16	18-juin-16	23-juin-16	5,0	7,0	12,0	932,54	11 190,5
40.	19-juin-16	02-juil-16	06-juil-16	4,0	7,0	11,0	888,36	9 772,0
41.	03-juil-16	16-juil-16	26-juil-16	10,0	7,0	17,0	890,66	15 141,2
42.	17-juil-16	30-juil-16	03-août-16	4,0	7,0	11,0	895,60	9 851,6
43.	31-juil-16	13-août-16	17-août-16	4,0	7,0	11,0	867,27	9 540,0
44.	14-août-16	27-août-16	06-sept-16	10,0	7,0	17,0	887,50	15 087,5
45.	28-août-16	10-sept-16	19-sept-16	9,0	7,0	16,0	853,69	13 659,0
46.	11-sept-16	24-sept-16	05-oct-16	11,0	7,0	18,0	784,98	14 129,6
47.	25-sept-16	08-oct-16	13-oct-16	5,0	7,0	12,0	715,76	8 589,1
48.	09-oct-16	22-oct-16	26-oct-16	4,0	7,0	11,0	621,53	6 836,8
49.	23-oct-16	05-nov-16	10-nov-16	5,0	7,0	12,0	579,23	6 950,8
50.	06-nov-16	19-nov-16	24-nov-16	5,0	7,0	12,0	536,62	6 439,4
51.	20-nov-16	03-déc-16	12-déc-16	9,0	7,0	16,0	504,44	8 071,0
52.	04-déc-16	17-déc-16	28-déc-16	11,0	7,0	18,0	474,43	8 539,7
53.	Total					<u>13,5 c/</u>	<u>47 256,33</u>	<u>637 267,2</u>

a/ Sum of Columns 4 and 5.  
b/ Column 6 multiplied by Column 7.  
c/ Total Column 8 divided by Total Column 7.

APPENDIX C7

**GAZIFERE INC.  
ANALYSIS OF FLEX BENEFITS  
FISCAL 2016**

Item No.	Col. 1	Col. 2	Col. 3	Col. 4
	<u>Amount</u> (\$)	<u>Disbursement Lag</u>	<u>Weighted Dollar Days</u> (\$)	<u>Reference</u>
	<b>Semi-monthly</b>			
1	- Medical & Dental ins.	101 097	63,9	6 459 936
2	- Long term disability	40 830	74,2	3 030 532
3	- Accidental death and dismemberment	6 671	73,5	490 343
4	- Critical Illness	2 796	75,2	210274,0
5	- Life insurance	25 297	74,4	1 883 246
6	- Employee savings plan	<u>33 095</u>	<u>74,1</u>	<u>2 452 213</u>
7	Total semi-monthly	<u>209 788</u>	<u>69,2</u>	<u>14 526 544</u>
	<b>Weekly</b>			
8	- Medical & Dental ins.	93 321	63,9	5 963 017
9	- Long term disability	37 689	74,2	2 797 414
10	- Accidental death and dismemberment	6 158	73,5	452 624
11	- Critical Illness	2 581	75,2	194099,4
12	- Life insurance	23 352	74,4	1 738 382
13	- Employee savings plan	<u>30 550</u>	<u>74,1</u>	<u>2 263 581</u>
14	Total weekly	<u>193 650</u>	<u>69,2</u>	<u>13 409 118</u>
15	Total Flex benefits	<u><u>403 438</u></u>	<u><u>69,2</u></u>	<u><u>27 935 662</u></u>



APPENDIX D1  
**GAZIFERE INC.**  
**ANALYSIS OF LAG FOR**  
**INSURANCE**  
**ALL EMPLOYEES**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10
Item No.	Start of Service Period	End of Service Period	Payment Date	Days From Period-End To Payment	One-Half Days in Period	Total Remittance Lag a/	Amounts (\$)	Weight	Weighted Amounts b/ (\$)	Weighted Dollar Days c/ (\$)
1	01-mai-15	01-mai-16	27-juil-15	(279,0)	183,5	(95,5)	100 082,0	1/3	33 360,7	(3 185 943,7)
2	30-oct-15	30-oct-16	26-févr-16	(247,0)	183,5	(63,5)	565,0	5/6	470,8	(29 895,8)
3	01-janv-16	31-mars-16	26-févr-16	(34,0)	45,5	11,5	1 472,3	1	1 472,3	16 931,2
4	01-janv-16	31-déc-16	28-mars-16	(278,0)	183,0	(95,0)	15 466,0	1	15 466,0	(1 469 271,0)
5	30-oct-15	30-oct-16	26-févr-16	(247,0)	183,5	(63,5)	53 088,7	1/6	8 848,1	(561 855,0)
6	30-oct-16	30-oct-17	27-févr-17	(245,0)	183,0	(62,0)	632,9	1/6	105,5	(6 539,7)
7	01-mai-16	01-mai-17	28-juil-16	(277,0)	183,0	(94,0)	1 725,6	2/3	1 150,4	(108 137,0)
8	01-mai-16	01-mai-17	28-juil-16	(277,0)	183,0	(94,0)	87 424,6	2/3	58 283,0	(5 478 605,1)
9	Total					(90,8) d/	260 456,9		119 156,8	(10 823 315,9)

a/ Sum of Columns 4 and 5.

b/ Column 7 multiplied by Column 8.

c/ Column 6 multiplied by Column 9.

d/ Total Column 10 divided by Total Column 9.

**GAZIFERE INC.  
ANALYSIS OF LAG FOR  
VOUCHER ANALYSIS  
FISCAL 2016**

	Col. 6	Col. 7	Col. 8
	Total Disbursement <u>Lag Days a/</u>	<u>Amounts</u>	<u>Weighted Dollar Days b/</u>
E.I.	42,2	1 004 012,42	42 343 874,75
EPI	41,7	2 977 808,42	124 089 348,23
EGD	42,3	2 177 300,93	92 160 139,95
Double G	<u>56,5</u>	<u>285 770,37</u>	<u>16 151 598,02</u>
	<u>42,6</u>	<u>6 444 892,14</u>	<u>274 744 960,94</u>

APPENDIX E1.1

**GAZIFERE INC.  
ANALYSIS OF LAG FOR  
PAYMENT OF MUNICIPAL TAXES  
FISCAL 2019**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Item No.	Start of Service Period	End of Service Period	Payment Date	Days From Mid-Year To Payment	Amounts (\$)	Weight	Weighted Amount (\$)	Weighted Dollar Days (\$)
1.	2019-01-01	2019-12-31	27-févr-19	(124,5)	<u>648 818,2</u>	12/12	<u>648 818,2</u>	<u>(80 777 859,7)</u>
2.	Total			<u>(124,5) c/</u>	<u>648 818,2</u>		<u>648 818,2</u>	<u>(80 777 859,7)</u>

a/ Column 5 multiplied by Column 6.

b/ Column 4 multiplied by Column 7.

c/ Total Column 8 divided by Total Column 7.

## APPENDIX E1.3

**GAZIFERE INC.**  
**ANALYSIS OF LAG FOR**  
**GAS FEES AND DUES - LA RÉGIE DE L'ÉNERGIE**  
**FISCAL 2019**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.	Month	Payment Date	Days From Month-End To Payment	One-Half Days in Month	Total Lag Days a/	Amounts (\$)	Weighted Dollar Days b/ (\$)
1.	janv-19	21-janv-19	(10)	15,5	5,5	11 044,0	60 742,0
2.	févr-19	28-févr-19	0	14,0	14,0	11 041,0	154 574,0
3.	mars-19	01-avr-19	1	15,5	16,5	11 065,0	182 572,5
4.	avr-19	15-avr-19	(15)	15,0	0,0	11 044,0	0,0
5.	mai-19	06-mai-19	(25)	15,5	(9,5)	11 044,0	(104 918,0)
6.	juin-19	18-juin-19	(12)	15,0	3,0	11 044,0	33 132,0
7.	juil-19	26-juin-19	(35)	15,5	(19,5)	11 044,0	(215 358,0)
8.	août-19	07-août-19	(24)	15,5	(8,5)	7 447,0	(63 299,5)
9.	sept-19	27-août-19	(34)	15,0	(19,0)	7 448,0	(141 512,0)
10.	oct-19	24-sept-19	(37)	15,5	(21,5)	7 448,0	(160 132,0)
11.	nov-19	21-oct-19	(40)	15,0	(25,0)	7 448,0	(186 200,0)
12.	déc-19	25-nov-19	(36)	15,5	(20,5)	7 448,0	(152 684,0)
13.	Total				(5,2) c/	114 565,0	(593 083,0)

a/ Sum of Columns 3 and 4.

b/ Column 5 multiplied by Column 6.

c/ Total Column 7 divided by Total Column 6.

APPENDIX E1.4

**GAZIFERE INC.  
ANALYSIS OF LAG FOR  
GAS FEES AND DUES - RÉGIE DU BÂTIMENT DU QUÉBEC  
FISCAL 2019**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.	Month	Payment Date	Days From Month-End To Payment	One-Half Days in Month	Total Lag Days <sup>a/</sup>	Amounts (\$)	Weighted Dollar Days <sup>b/</sup> (\$)
1.	janv-19	08-mars-19	36	15,5	51,5	12 507,9	644 157,4
2.	févr-19	11-avr-19	42	14,0	56,0	10 863,0	608 326,9
3.	mars-19	09-mai-19	39	15,5	54,5	9 953,6	542 469,0
4.	avr-19	11-juin-19	42	15,0	57,0	6 147,5	350 409,2
5.	mai-19	19-juil-19	49	15,5	64,5	3 140,5	202 559,7
6.	juin-19	06-août-19	37	15,0	52,0	2 380,9	123 808,4
7.	juil-19	10-sept-19	41	15,5	56,5	1 484,1	83 849,4
8.	août-19	30-oct-19	60	15,5	75,5	1 841,1	139 005,3
9.	sept-19	25-nov-19	56	15,0	71,0	2 062,6	146 445,3
10.	oct-19	04-déc-19	34	15,5	49,5	4 272,7	211 500,1
11.	nov-19	15-janv-20	46	15,0	61,0	7 879,0	480 616,6
12.	déc-19	12-févr-20	43	15,5	58,5	10 061,0	588 570,8
13.	Total				<u>56,8</u> <sup>c/</sup>	<u>72 593,9</u>	<u>4 121 718,1</u>

a/ Sum of Columns 3 and 4.

b/ Column 5 multiplied by Column 6.

c/ Total Column 7 divided by Total Column 6.

## APPENDIX F1

**SUMMARY OF GST AND QST AMOUNTS  
FOR WORKING CASH REQUIREMENTS  
FISCAL 2021**

Item No.	Col. 1 January	Col. 2 February	Col. 3 March	Col. 4 April	Col. 5 May	Col. 6 June	Col. 7 July	Col. 8 August	Col. 9 September	Col. 10 October	Col. 11 November	Col. 12 December	Col. 13 Total
1. Revenue (\$000)	<u>(7 884,2)</u>	<u>(7 290,7)</u>	<u>(6 248,0)</u>	<u>(4 231,2)</u>	<u>(3 403,8)</u>	<u>(2 620,5)</u>	<u>(2 458,0)</u>	<u>(1 382,3)</u>	<u>(2 410,5)</u>	<u>(3 555,0)</u>	<u>(4 899,0)</u>	<u>(6 534,1)</u>	<u>(52 917,3)</u>
Disbursements (\$000):													
2.1 Gas Purchases - GST	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
2.2 O & M - GST	222,6	223,5	458,4	232,4	93,9	459,8	391,9	303,0	445,5	474,7	329,9	297,6	3 933,0
2.3 O & M - QST	222,6	223,5	458,4	232,4	93,9	459,8	391,9	303,0	445,5	474,7	329,9	297,6	3 933,0
2.4 Capital - GST	(623,3)	(600,0)	(602,8)	(603,5)	(724,2)	(718,0)	(693,9)	(773,8)	(696,4)	(629,8)	(638,9)	(659,4)	(7 963,9)
2.5 Capital - QST	(623,3)	(600,0)	(602,8)	(603,5)	(724,2)	(718,0)	(693,9)	(773,8)	(696,4)	(629,8)	(638,9)	(659,4)	(7 963,9)
2a. Total disbursements - GST	(400,7)	(376,5)	(144,4)	(371,1)	(630,3)	(258,2)	(302,1)	(470,8)	(250,9)	(155,1)	(309,1)	(361,8)	(4 030,9)
2b. Total disbursements - QST	(400,7)	(376,5)	(144,4)	(371,1)	(630,3)	(258,2)	(302,1)	(470,8)	(250,9)	(155,1)	(309,1)	(361,8)	(4 030,9)
GST Amounts (\$000):													
3.1 Revenue	(394,2)	(364,5)	(312,4)	(211,6)	(170,2)	(131,0)	(122,9)	(69,1)	(120,5)	(177,8)	(244,9)	(326,7)	(2 645,9)
3.2 Gas Purchases	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
3.3 O & M	11,1	11,2	22,9	11,6	4,7	23,0	19,6	15,1	22,3	23,7	16,5	14,9	196,7
3.4 Capital	(31,2)	(30,0)	(30,1)	(30,2)	(36,2)	(35,9)	(34,7)	(38,7)	(34,8)	(31,5)	(31,9)	(33,0)	(398,2)
3. Net GST Amounts (\$000):	(414,2)	(383,4)	(319,6)	(230,1)	(201,7)	(143,9)	(138,0)	(92,7)	(133,1)	(185,5)	(260,4)	(344,8)	(2 847,4)
QST Amounts (\$000):													
4.1 Revenue	(620,9)	(574,1)	(492,0)	(333,2)	(268,1)	(206,4)	(193,6)	(108,9)	(189,8)	(280,0)	(385,8)	(514,6)	(4 167,2)
4.2 O & M	17,7	17,8	36,4	18,5	7,5	36,6	31,2	24,1	35,4	37,7	26,2	23,7	312,7
4.3 Capital	(49,6)	(47,7)	(47,9)	(48,0)	(57,6)	(57,1)	(55,2)	(61,5)	(55,4)	(50,1)	(50,8)	(52,4)	(633,1)
4. Net QST Amounts (\$000):	(652,7)	(604,1)	(503,5)	(362,7)	(318,2)	(226,9)	(217,6)	(146,3)	(209,8)	(292,3)	(410,4)	(543,3)	(4 487,7)
5. Combined Amounts (\$000):	(1 067,0)	(987,4)	(823,1)	(592,8)	(519,9)	(370,8)	(355,6)	(238,9)	(342,8)	(477,8)	(670,8)	(888,1)	(7 335,1)

## APPENDIX F1

**SUMMARY OF GST AND QST AMOUNTS  
FOR WORKING CASH REQUIREMENTS  
FISCAL 2021**

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Item No.	Col. 1 January	Col. 2 February	Col. 3 March	Col. 4 April	Col. 5 May	Col. 6 June	Col. 7 July	Col. 8 August	Col. 9 September	Col. 10 October	Col. 11 November	Col. 12 December	
Lag Days - GST & QST Amounts:													
Revenue													
6.1	Average Payment Days	(4,7)	(6,7)	(4,7)	(5,7)	(4,7)	(5,7)	(4,7)	(4,7)	(5,7)	(4,7)	(5,7)	(4,7)
6.2	Days to Remit/Refund - GST	28,0	31,0	30,0	31,0	30,0	31,0	31,0	30,0	31,0	30,0	31,0	31,0
6.3	Days to Remit/Refund - QST	28,0	31,0	30,0	31,0	30,0	31,0	31,0	30,0	31,0	30,0	31,0	31,0
6a.	Revenue Lag Days - GST	23,3	24,3	25,3	25,3	25,3	25,3	26,3	25,3	25,3	25,3	25,3	26,3
6b.	Revenue Lag Days - QST	23,3	24,3	25,3	25,3	25,3	25,3	26,3	25,3	25,3	25,3	25,3	26,3
Gas Purchases													
7.1	Average Payment Days	13,2	13,2	13,2	13,2	13,2	13,2	13,2	13,2	13,2	13,2	13,2	13,2
7.2	Days to Remit/Refund - GST	28,0	31,0	30,0	31,0	30,0	31,0	31,0	30,0	31,0	30,0	31,0	31,0
7.3	Days to Remit/Refund - QST	28,0	31,0	30,0	31,0	30,0	31,0	31,0	30,0	31,0	30,0	31,0	31,0
7a.	Gas Purchases Lag - GST	41,2	44,2	43,2	44,2	43,2	44,2	44,2	43,2	44,2	43,2	44,2	44,2
7b.	Gas Purchases Lag - QST	41,2	44,2	43,2	44,2	43,2	44,2	44,2	43,2	44,2	43,2	44,2	44,2
O & M													
8.1	Average Payment Days	(17,3)	(17,3)	(17,3)	(17,3)	(17,3)	(17,3)	(17,3)	(17,3)	(17,3)	(17,3)	(17,3)	(17,3)
8.2	Days to Remit/Refund - GST	28,0	31,0	30,0	31,0	30,0	31,0	31,0	30,0	31,0	30,0	31,0	31,0
8.3	Days to Remit/Refund - QST	28,0	31,0	30,0	31,0	30,0	31,0	31,0	30,0	31,0	30,0	31,0	31,0
8a.	O & M Disburs. Lag - GST	10,7	13,7	12,7	13,7	12,7	13,7	13,7	12,7	13,7	12,7	13,7	13,7
8b.	O & M Disburs. Lag - QST	10,7	13,7	12,7	13,7	12,7	13,7	13,7	12,7	13,7	12,7	13,7	13,7
Capital													
9.1	Average Payment Days	(32,3)	(32,3)	(32,3)	(32,3)	(32,3)	(32,3)	(32,3)	(32,3)	(32,3)	(32,3)	(32,3)	(32,3)
9.2	Days to Remit/Refund - GST	28,0	31,0	30,0	31,0	30,0	31,0	31,0	30,0	31,0	30,0	31,0	31,0
9.3	Days to Remit/Refund - QST	28,0	31,0	30,0	31,0	30,0	31,0	31,0	30,0	31,0	30,0	31,0	31,0
9a.	Capital Disburs. Lag - GST	(4,3)	(1,3)	(2,3)	(1,3)	(2,3)	(1,3)	(1,3)	(2,3)	(1,3)	(2,3)	(1,3)	(1,3)
9b.	Capital Disburs. Lag - QST	(4,3)	(1,3)	(2,3)	(1,3)	(2,3)	(1,3)	(1,3)	(2,3)	(1,3)	(2,3)	(1,3)	(1,3)

## APPENDIX F1

**SUMMARY OF GST AND QST AMOUNTS  
FOR WORKING CASH REQUIREMENTS  
FISCAL 2021**

-----

Item No.	Col. 1 January	Col. 2 February	Col. 3 March	Col. 4 April	Col. 5 May	Col. 6 June	Col. 7 July	Col. 8 August	Col. 9 September	Col. 10 October	Col. 11 November	Col. 12 December	Col. 13 Total	
Computation of \$Days (\$000) - GST:														
10.1	Revenue	(9 191,2)	(8 863,8)	(7 908,5)	(5 355,7)	(4 308,5)	(3 317,0)	(3 234,2)	(1 749,6)	(3 051,2)	(4 499,8)	(6 201,0)	(8 597,4)	(66 278,0)
Disbursements														
10.2	Gas Purchases	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
10.3	O & M	119,1	153,1	291,1	159,2	59,6	315,0	268,4	192,4	305,2	301,4	226,0	203,9	2 594,2
10.4	Capital	134,0	39,0	69,3	39,2	83,3	46,7	45,1	89,0	45,3	72,4	41,5	42,9	747,7
10.	Total	(8 938,1)	(8 671,7)	(7 548,1)	(5 157,3)	(4 165,6)	(2 955,4)	(2 920,7)	(1 468,3)	(2 700,8)	(4 126,0)	(5 933,5)	(8 350,7)	(62 936,1)
Computation of \$Days (\$000) - QST:														
11.1	Revenue	(14 476,1)	(13 960,5)	(12 455,9)	(8 435,3)	(6 785,9)	(5 224,3)	(5 093,9)	(2 755,7)	(4 805,7)	(7 087,2)	(9 766,5)	(13 541,0)	(104 387,9)
Disbursements														
11.2	O & M	189,4	243,4	462,8	253,1	94,8	500,8	426,8	305,9	485,2	479,3	359,3	324,1	4 124,8
11.3	Capital	213,1	62,0	110,2	62,4	132,4	74,2	71,7	141,5	72,0	115,2	66,0	68,1	1 188,8
11.	Total	(14 073,7)	(13 655,0)	(11 882,9)	(8 119,8)	(6 558,7)	(4 649,3)	(4 595,4)	(2 308,3)	(4 248,5)	(6 492,8)	(9 341,2)	(13 148,7)	(99 074,2)
Composite Lag Days - GST														
12.1	Revenue	23,3	24,3	25,3	25,3	25,3	25,3	26,3	25,3	25,3	25,3	25,3	26,3	25,0 a/
12.2	Gas Purchases	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0 b/
12.3	O & M	10,7	13,7	12,7	13,7	12,7	13,7	13,7	12,7	13,7	12,7	13,7	13,7	13,2 c/
12.4	Capital	(4,3)	(1,3)	(2,3)	(1,3)	(2,3)	(1,3)	(1,3)	(2,3)	(1,3)	(2,3)	(1,3)	(1,3)	(1,9) d/



## APPENDIX F1

**SUMMARY OF GST AND QST AMOUNTS  
FOR WORKING CASH REQUIREMENTS  
FISCAL 2021**

-----

Item No.	Col. 1 January	Col. 2 February	Col. 3 March	Col. 4 April	Col. 5 May	Col. 6 June	Col. 7 July	Col. 8 August	Col. 9 September	Col. 10 October	Col. 11 November	Col. 12 December	Col. 13 Total
Composite Lag Days - QST													
13.1 Revenue	23,3	24,3	25,3	25,3	25,3	25,3	26,3	25,3	25,3	25,3	25,3	26,3	25,0 e/
13.2 O & M	10,7	13,7	12,7	13,7	12,7	13,7	13,7	12,7	13,7	12,7	13,7	13,7	13,2 f/
13.3 Capital	(4,3)	(1,3)	(2,3)	(1,3)	(2,3)	(1,3)	(1,3)	(2,3)	(1,3)	(2,3)	(1,3)	(1,3)	(1,9) g/

a/ Item 10.1, Col. 13 divided by item 3.1, Col. 13.

b/ Item 10.2, Col. 13 divided by item 3.2, Col. 13.

c/ Item 10.3, Col. 13 divided by item 3.3, Col. 13.

d/ Item 10.4, Col. 13 divided by item 3.4, Col. 13.

e/ Item 11.1, Col. 13 divided by item 4.1, Col. 13.

f/ Item 11.2, Col. 13 divided by item 4.2, Col. 13.

g/ Item 11.3, Col. 13 divided by item 4.3, Col. 13.