

GAZ MÉTRO ALLOCATION OF SERVICE COSTS

ADDITIONAL EVIDENCE

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1 BACKGROUND

1 In its decision D-2014-144, the Régie de l'énergie (the "Régie") ordered
2 Gaz Métro Limited Partnership ("Gaz Métro") to submit a detailed cost allocation study
3 on the approved estimates for 2013/2014. The Régie requested that
4 the study present the distribution of costs for each expense category, according to each
5 of its functions and sub-functions and according to its segmentation into rate levels and
6 sub-levels. The Régie requested that the study, expressed in dollars, \$/customer and ¢/m³, be
7 submitted in Excel format.

8 The Régie also requested that Gaz Métro complete their evidence by submitting an analysis
9 of the results meeting the expectations set out in Decision D-2014-144.

10 ***"[15] The Régie hereby orders Gaz Métro to file, according to the calendar***
11 ***set out below, a full and detailed cost allocation study on the***
12 ***approved estimates for the 2013-2014 rate year. The detailed***
13 ***study shall present the allocation of costs for each expense category***
14 ***according to each function and sub-function, and according to the segmentation***
15 ***by rate level and sub level. The study must be expressed in dollars, in***
16 ***\$/customer and ¢/m³ and must be submitted in Excel format. Finally,***
17 ***the Distributor must round out its evidence by filing an analysis of the results***
18 ***meeting the expectations expressed by the Régie in Decision D-2011-182. "***

19 This document constitutes information complementary to the cost allocation study
20 filed in Excel format, numbered Gaz Métro-2, Document 7
21 and Gaz Métro-2, Document 8.

22 In its recent Decision D-2014-193 on the participation budgets for Phase 1, the Régie
23 also requested that Gaz Métro submit detailed databases containing
24 accounting and engineering data on the mains for its entire
25 network. Two databases used for calculating the mains factor
26 are therefore being filed as Exhibits Gaz Métro-2, Document 9 and Gaz Métro-2,
27 Document 10, respectively. A short description of the information contained in these
28 databases is presented in section 1.

1 Finally, Gaz Métro emphasizes that, in keeping with the Régie's requests set out in
2 Decision D-2011-182, it has undertaken an examination of customer segmentation and studies of
3 rate structures and their relationship with distribution costs. As ordered by
4 the Régie in Decision D-2014-011, Phase 1 of the file deals solely with "all
5 **cost allocation methods.**"¹ Consequently, the analysis of
6 customer segmentation and the rate structure, including the cost
7 analyses requested in Decision D-2011-182, will be filed in support of
8 Gaz Métro's applications for Phase 2 of this file. Results expressed in
9 \$/customer and \$/10³m³ are, however, included in this cost allocation
10 study.

¹ D-2014-011, para. 23.

2 2013 / 2014 COST ALLOCATION STUDY

1 The cost allocation study was conducted using the 2013/2014 budget approved by the Régie
2 in Decision D-2014-088. It involves estimates approved by the regulator.

3 The study was conducted using two approaches:

- 4 - Firstly, the study was conducted using the methods currently
5 approved by the Régie and applied in the 2014 rate case. The results of this study are
6 presented in the file for Exhibit Gaz Métro-2, Document 7. This
7 file features 39 tabs. The first two tabs present the results of applying factors
8 to the different amounts composing the cost of service, while the following tabs
9 set out the detailed calculations for each allocation factor; and
- 10 - Secondly, the study was conducted applying the changes proposed by
11 Gaz Métro in Exhibit B-0016, Gaz Métro-2, Document 1. The results of this
12 study are set out in the Excel file for Exhibit Gaz Métro-2, Document 8. This
13 file has 37 tabs. The first two tabs set out the results of the study, while the following
14 tabs provide the detailed calculations for each factor. These factors were defined
15 in Gaz Métro-2, Document 4.

16 The study sets out the distribution service cost allocation according to the categories,
17 functions and sub-functions usually reported in the framework of rate cases,
18 as requested by the Régie in Decision D-2014-144. The results of the allocation according to the
19 current and proposed methodologies by rate and rate level can therefore be compared
20 for each expense category. Only operating expenses are grouped based on
21 the proposed new categories and are therefore not directly comparable. The proposed new
22 expense groups do not allow for direct comparison with
23 the current groups. The results are also expressed in dollars, in \$/customer and in
24 \$/10³m³.

23.1 SUMMARY OF RESULTS

- 1 The results of the cost allocation study carried out using the 2013/2014 budget data
 2 are similar to those obtained using the 2012/2013 budget data and submitted as part of the
 3 main evidence².
- 4 The following table presents the global results for the 2013/2014 cost allocation study
 5 obtained using the current and proposed methodologies.

Table 1
2013/2014 allocation of distribution costs in percentage

| Rates | 2013/2014 | | Relative weight | |
|--|--------------------|----------------------|-----------------|--|
| | Current methodolog | Proposed methodology | Customers | Volume (10 ³ m ³) |
| D ₁ 0-3,650 m ³ | 30.0% | 32.5% | 69.8% | 3.7% |
| D ₁ 3,650-36,500 m ³ | 25.1% | 24.0% | 24.1% | 10.7% |
| D ₁ 36,500 + m ³ | 20.6% | 20.4% | 5.2% | 20.0% |
| Rate RT | 6.8% | 5.9% | 0.6% | 9.2% |
| D ₁ | 82.4% | 82.8% | 99.8% | 43.7% |
| D ₃ | 1.8% | 1.4% | 0.1% | 3.2% |
| D ₄ | 12.7% | 11.5% | 0.0% | 41.7% |
| D ₅ | 3.0% | 4.3% | 0.1% | 11.4% |
| Total | 100.0% | 100.0% | 100.0% | 100.0% |

- 6 Note that low-volume customers who withdraw up to 3,650 m³ per year, who
 7 represent 69.8% of the customer base, will be allocated 32.5% of the distribution costs
 8 based on the proposed methodology, compared with 30% under the current approach.
 Customers withdrawing between
 9 3,650 m³ and 36,500 m³ annually, who represent 24.1% of the customer base, will have their
 10 share of the costs decrease by 1.1%. Overall, there is little change to the proportion of costs
 11 allocated to customers with D₁ rates. For high-volume customers, there is a slight increase

² B-0017, Gaz Métro-2, Document 2, page 97.

1 in the proportion of costs attributed to interruptible customers at rate D₅, while customers
2 at rate D₄ decrease by around 1%.

3 The following table presents the total amounts allocated to the different rates and t
4 the new broad groups of rate D₁ levels according to the two approaches. The results are
5 also presented by customer and by unit of volume (10³m³).

Table 2
2013/2014 allocation of distribution costs in dollars

| 2013/2014 Rates | Distribution costs | | By customer | | By 10 ³ m ³ | |
|--|----------------------|----------------------|---------------------|----------------------|-----------------------------------|----------------------|
| | Current methodol | Proposed methodol | Current methodol | Proposed methodol | Current methodol | Proposed methodol |
| D ₁ 0-3,650 m ³ | \$177,976,528 | \$193,092,904 | \$1,300 | \$1,410 | \$858 | \$931 |
| D ₁ 3,650-36,500 m ³ | \$149,090,198 | \$142,491,018 | \$3,147 | \$3,008 | \$250 | \$239 |
| D ₁ 36,500 + m ³ | \$122,435,189 | \$121,241,749 | \$12,067 | \$11,950 | \$110 | \$109 |
| Rate RT | \$40,352,034 | \$35,019,384 | \$31,874 | \$27,661 | \$78 | \$68 |
| D ₁ | \$489,853,949 | \$491,845,055 | \$2,503 | \$2,513 | \$201 | \$202 |
| D ₃ | \$10,665,238 | \$8,602,348 | \$44,071 | \$35,547 | \$59 | \$48 |
| D ₄ | \$75,628,911 | \$68,455,658 | \$840,321 | \$760,618 | \$33 | \$30 |
| D ₅ | \$18,028,902 | \$25,273,940 | \$131,598 | \$184,481 | \$28 | \$40 |
| Total | \$594,177,000 | \$594,177,000 | \$3,029 | \$3,029 | \$107 | \$107 |

6 The reallocation of costs within customer categories is primarily caused by the
7 proposed changes to the allocation of mains costs, by changes to
8 the allocation of operating expenses, and proposed changes to
9 the allocation of income tax on return on equity and income tax not related to
10 return on equity.

23.2 EFFECTS OF PROPOSED CHANGES ON THE BROAD EXPENSE CATEGORIES

11 Table 3 below presents the combined effect of all proposed changes to the
12 portion of costs allocated to different rate categories. For example, the portion of operating
13 expenses assigned to rate D₁ customers that consume up to 3,650 m³ will fall by 1.7%
14 after applying the proposed changes to the allocation of these costs. The share of operating

1 expenses attributed to rate D₅ customers will increase 2.0% after the proposed changes
2 are applied.

3 These results show that the effect of these changes is pronounced for
4 taxes, especially income tax on return on equity. It is less pronounced for
5 the allocation of amortization costs, operating expenses and
6 GEEP expenses.

Table 3
Increase/Decrease in the proportion of costs assigned to rate categories by
broad cost category

| DISTRIBUTION COSTS HEADINGS | Allocation | Rate D ₁ | | | | | | | |
|--|----------------------|---------------------|----------------|--------------|--------------|----------------|----------------|----------------|----------------|
| | | 0 - 3650 | 3,650 - 36,500 | 36,500 + | Rate RT | D ₁ | D ₃ | D ₄ | D ₅ |
| Operating expenses | \$185,721,000 | -1.7% | -1.4% | 0.8% | -1.2% | -3.6% | -0.6% | 2.2% | 2.0% |
| Distribution costs | \$35,369,000 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Global Energy Efficiency Plan | \$18,257,000 | 1.7% | 2.0% | 16.6% | -4.6% | 15.7% | -0.4% | -11.5% | -3.9% |
| Green fund | \$25,382,000 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Amortization expenses | \$94,857,000 | 0.0% | -0.8% | -0.3% | 0.5% | -0.7% | 0.1% | -1.3% | 1.9% |
| Deferred cost amortization expenses | \$49,780,000 | -1.2% | -0.4% | 7.7% | 0.7% | 6.8% | -0.6% | -4.5% | -1.7% |
| Taxes and duties | \$26,208,000 | 12.3% | -4.3% | -8.9% | -2.4% | -3.4% | -0.9% | 3.0% | 1.4% |
| Income tax on return on equity | \$25,494,000 | 58.9% | -5.2% | -31.2% | -11.6% | 11.0% | -1.8% | -8.2% | -1.0% |
| Income tax not related to return on equity | \$4,516,000 | -2.9% | -1.2% | 4.3% | 0.8% | 1.0% | 0.1% | -4.0% | 3.0% |
| Consumption discounts and other discounts | \$1,028,000 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Return on rate base | \$128,007,000 | 0.4% | -0.7% | 0.7% | 0.5% | 0.8% | 0.0% | -3.2% | 2.4% |
| TOTAL : DISTRIBUTION COSTS, including LNG | \$594,619,000 | 2.5% | -1.1% | -0.2% | -0.9% | 0.3% | -0.3% | -1.2% | 1.2% |
| LNG costs | (\$442,000) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| TOTAL : DISTRIBUTION COSTS, excluding LNG | \$594,177,000 | 2.5% | -1.1% | -0.2% | -0.9% | 0.3% | -0.3% | -1.2% | 1.2% |

2.2.1 Operating expenses

7 All of the changes proposed for the allocation of operating expenses³ will have
8 a marginal effect on cost allocation. In general, the proposed changes will slightly
9 favour low-volume customers. Rate D₁ customers consuming less than
10 36,500 m³ annually will be assigned 63% of the operating costs
11 while, under the current approach, they are assigned 66% of such expenses. Furthermore,

³ B-0016, Gaz Métro-2, Document 1, section 7.

1 rate D₄ and D₅ customers will absorb around 15% of the operating expenses, from 11%
2 under the current approach.

3 The breakdown of administration costs by components, some of
4 which are allocated according to assigned capacity, explain this result. In fact, according to
5 the proposed approach, expenses pertaining to gas supply will be allocated according to
6 assigned capacity and a portion of the general expenses will be allocated according to
7 a factor that combines the number of customers and capacity. The fact that some
8 operating expenses are allocated to factor in attributed capacity leads to
9 an allocation that favours low-volume customers. Under the current method,
10 administrative expenses are allocated with the derivative factor. The following table presents
11 the results of the allocation of operating expenses by rate and major groups
12 of rate D₁ levels.

Table 4
Allocation of operating expenses

| 2013/2014 Rates | Amount allocated | | By customer | | By 10 ³ m ³ | |
|--|----------------------|----------------------|---------------------|----------------------|-----------------------------------|----------------------|
| | Current methodol | Proposed methodol | Current methodol | Proposed methodol | Current methodol | Proposed methodol |
| D ₁ 0-3,650 m ³ | \$77,305,597 | \$74,171,723 | \$565 | \$542 | \$373 | \$358 |
| D ₁ 3,650-36,500 m ³ | \$45,937,594 | \$43,350,326 | \$970 | \$915 | \$77 | \$73 |
| D ₁ 36,500 + m ³ | \$23,209,906 | \$24,632,247 | \$2,288 | \$2,428 | \$21 | \$22 |
| Rate RT | \$15,155,049 | \$12,842,266 | \$11,971 | \$10,144 | \$29 | \$25 |
| D ₁ | \$161,608,146 | \$154,996,563 | \$826 | \$792 | \$66 | \$64 |
| D ₃ | \$4,323,569 | \$3,197,089 | \$17,866 | \$13,211 | \$24 | \$18 |
| D ₄ | \$16,749,263 | \$20,794,439 | \$186,103 | \$231,049 | \$7 | \$9 |
| D ₅ | \$3,040,022 | \$6,732,910 | \$22,190 | \$49,145 | \$5 | \$11 |
| Total | \$185,721,000 | \$185,721,000 | \$947 | \$947 | \$33 | \$33 |

2.2.2 ~~Income~~

13 Income tax on return on equity is currently allocated using the
14 REVNETD factor, which represents net distribution revenue attributable to each rate
15 category.

Application concerning Gaz Métro's cost of service and rate structure, R-3867-2013

1 Section 8.6 of Exhibit B-0016, Gaz Métro-2, Document 1 explains that this factor is
 2 not appropriate, given that the cross-subsidization that characterizes rate
 3 D₁ determines the proportion of costs assigned to rate categories. Since the
 4 first levels of rate D₁ generate negative net income, these customers
 5 do not contribute to the allocation of income tax under the current approach. On the
 6 contrary, the first levels of rate D₁ receive a credit by applying the REVNETD
 7 allocation factor, due to the cross-subsidization that occurs for rate D₁.

8 Gaz Métro has proposed using the BASETARD derivative factor for allocating
 9 income tax amounts. This has a sizable effect on the first
 10 levels of rate D₁, as shown in the table below.

Table 5
Allocation of income tax on return on equity

| 2013/2014 Rates | Amount allocated | | By customer | | By 10 ³ m ³ | |
|--|---------------------|----------------------|---------------------|----------------------|-----------------------------------|----------------------|
| | Current methodol | Proposed methodol | Current methodol | Proposed methodol | Current methodol | Proposed methodol |
| D ₁ 0-3,650 m ³ | (\$5,791,821) | (\$9,219,022) | (\$42) | \$67 | (\$28) | \$44 |
| D ₁ 3,650-36,500 m ³ | \$7,522,344 | \$6,193,747 | \$159 | \$131 | \$13 | \$10 |
| D ₁ 36,500 + m ³ | \$12,943,592 | \$5,002,004 | \$1,276 | \$493 | \$12 | \$4 |
| Rate RT | \$4,130,571 | \$1,182,333 | \$3,263 | \$934 | \$8 | \$2 |
| D ₁ | \$18,804,686 | \$21,597,106 | \$96 | \$110 | \$8 | \$9 |
| D ₃ | \$657,684 | \$198,859 | \$2,718 | \$822 | \$4 | \$1 |
| D ₄ | \$4,617,080 | \$2,538,132 | \$51,301 | \$28,201 | \$2 | \$1 |
| D ₅ | \$1,414,550 | \$1,159,903 | \$10,325 | \$8,466 | \$2 | \$2 |
| Total | \$25,494,000 | \$25,494,000 | \$130 | \$130 | \$5 | \$5 |

11 Income tax not related to return on equity is currently allocated using the IMMOBILD
 12 factor, which reflects the allocation of total capital costs in the distribution rate base
 13 by rate category. Income tax not related to return on equity
 14 is the temporary tax generated by the difference between regulatory and fiscal
 15 standards. Gaz Métro has proposed adopting the BASETARD factor for allocating

1 these amounts, as will be the case for the income tax on return on equity⁴. The
 2 change from IMMOBILD to BASETARD has a marginal effect on allocation,
 3 as facilities form the largest part of the rate base and
 4 there are consequently few differences between the two factors.

5 The following table presents the effects of the proposed changes to allocating
 6 income tax not related to return on equity.

Table 6
Allocation of income tax not related to return on equity

| 2013/2014 Rates | Amount allocated | | By customer | | By 10 ³ m ³ | |
|--|--------------------|--------------------|------------------|-------------------|-----------------------------------|------------------|
| | Current methodol | Proposed methodol | Current methodol | Proposed methodol | Current methodol | Proposed methods |
| D ₁ 0-3,650 m ³ | \$1,763,376 | \$1,633,055 | \$13 | \$12 | \$9 | \$8 |
| D ₁ 3,650-36,500 m ³ | \$1,152,426 | \$1,097,159 | \$24 | \$23 | \$2 | \$2 |
| D ₁ 36,500 + m ³ | \$693,306 | \$886,054 | \$68 | \$87 | \$1 | \$1 |
| Rate _{RT} | \$173,636 | \$209,438 | \$137 | \$165 | \$0 | \$0 |
| D ₁ | \$3,782,743 | \$3,825,705 | \$19 | \$20 | \$2 | \$2 |
| D ₃ | \$32,915 | \$35,226 | \$136 | \$146 | \$0 | \$0 |
| D ₄ | \$629,567 | \$449,604 | \$6,995 | \$4,996 | \$0 | \$0 |
| D ₅ | \$70,775 | \$205,465 | \$517 | \$1,500 | \$0 | \$0 |
| Total | \$4,516,000 | \$4,516,000 | \$23 | \$23 | \$1 | \$1 |

2.2.3 Taxes and duties

7 Gaz Métro proposes to apply Dr. Overcast's recommendations to the effect that
 8 tax on capital assets should be allocated in the same way as
 9 those assets. The property tax on the place of business related to buildings would be
 10 allocated using the EXPLOITD factor, as expenses for
 11 Gaz Métro⁵ physical plant are.

12 Gaz Métro also corrects an omission in its main proof concerning allocation of the tax
 13 on the network. This expense is currently allocated with the REVBRUTD factor,

⁴ B-0016, Gaz Métro-2, Document 1, section 8.7.

⁵ B-0016, Gaz Métro-2, Document 1, section 8.5.

1 representing gross distribution income. In accordance with the principle that holds that
 2 expenses pertaining to a capital asset should be allocated in the same way
 3 as that asset, Gaz Métro proposes to allocate the tax on the network using the
 4 CONDRPIN factor used to allocate mains costs. Gaz Métro is therefore adding a
 5 proposal to that effect. However, note that this change was presented in Exhibit
 6 B-0018, Gaz Métro-2, Document 3, page 2.

7 Use of the CONDRPIN factor, which is based on the number of customers as well as
 8 on a measure of capacity, applies a larger proportion of the costs to low-volume customers
 9 than the REVBRUTD factor. In fact, the relative weight of the revenue generated by
 10 low-volume customers, given the cross-subsidization that occurs with rate D₁, is much lower
 11 than its relative weight in terms of clientele or capacity.

12 Table 7 presents the results of the changes proposed by Gaz Métro with regard to
 13 allocating property taxes and the network tax.

Table 7
Allocation of taxes and duties

| 2013/2014 | Amount allocated | | By customer | | By 10 ³ m ³ | |
|--|---------------------|---------------------|------------------|-------------------|-----------------------------------|-------------------|
| | Current methodol | Proposed methodol | Current methodol | Proposed methodol | Current methodol | Proposed methodol |
| D ₁ 0-3,650 m ³ | \$3,178,000 | \$6,391,232 | \$23 | \$47 | \$15 | \$31 |
| D ₁ 3,650-36,500 m ³ | \$5,239,432 | \$4,100,648 | \$111 | \$87 | \$9 | \$7 |
| D ₁ 36,500 + m ³ | \$6,797,169 | \$4,454,711 | \$670 | \$439 | \$6 | \$4 |
| Rate RT | \$2,256,217 | \$1,623,231 | \$1,782 | \$1,282 | \$4 | \$3 |
| D ₁ | \$17,470,818 | \$16,569,822 | \$89 | \$85 | \$7 | \$7 |
| D ₃ | \$615,962 | \$384,014 | \$2,545 | \$1,587 | \$3 | \$2 |
| D ₄ | \$6,535,614 | \$7,311,277 | \$72,618 | \$81,236 | \$3 | \$3 |
| D ₅ | \$1,585,605 | \$1,942,888 | \$11,574 | \$14,182 | \$3 | \$3 |
| Total | \$26,208,000 | \$26,208,000 | \$134 | \$134 | \$5 | \$5 |

14 **Gaz Métro requests that the Régie approve the allocation of network taxes using the**
 15 **CONDRPIN factor.**

2.2.4 Global Energy Efficiency Plan (GEEP)

1 The proposed changes lead to a considerable increase in the amounts allocated
 2 to rate D₁ customers, whose contribution to GEEP expenses will go from 67% to
 3 83% in total. The reallocation is largely due to the fact that
 4 financial assistance amounts would, in future, be allocated directly, rather than using a rule
 5 that factors in volume and revenue, as is the case now. This rule favoured
 6 low-volume customers but did not reflect the real allocation of financial assistance
 7 as done by the direct allocation that Gaz Métro proposes for this portion of the GEEP
 8 amount.

Table 8
Allocation of GEEP expenses

| 2013/2014 | Amount allocated | | By customer | | By 10 ³ m ³ | |
|--|---------------------|---------------------|------------------|-------------------|-----------------------------------|------------------|
| Rates | Current methodol | Proposed methodol | Current methodol | Proposed methodol | Current methodol | Proposed methods |
| D ₁ 0-3,650 m ³ | \$861,121 | \$1,180,437 | \$6 | \$9 | \$4 | \$6 |
| D ₁ 3,650-36,500 m ³ | \$3,829,452 | \$4,188,526 | \$81 | \$88 | \$6 | \$7 |
| D ₁ 36,500 + m ³ | \$6,304,138 | \$9,335,591 | \$621 | \$920 | \$6 | \$8 |
| Rate RT | \$1,259,031 | \$422,842 | \$994 | \$334 | \$2 | \$1 |
| D ₁ | \$12,253,741 | \$15,127,395 | \$63 | \$77 | \$5 | \$6 |
| D ₃ | \$601,325 | \$534,192 | \$2,485 | \$2,207 | \$3 | \$3 |
| D ₄ | \$3,809,437 | \$1,714,833 | \$42,327 | \$19,054 | \$2 | \$1 |
| D ₅ | \$1,592,497 | \$880,580 | \$11,624 | \$6,428 | \$3 | \$1 |
| Total | \$18,257,000 | \$18,257,000 | \$93 | \$93 | \$3 | \$3 |

9 The GEEP factor calculated according to the current method could not be updated due to
 10 time considerations and computer issues. The factor for 2012/2013 was therefore used to
 11 allocate the GEEP amount under the current methodology.

12 However, Gaz Métro believes that the calculation for this factor under the current approach
 13 using 2013/2014 data provides the best basis of comparison for evaluating the effect
 14 that the proposed changes would have on GEEP expense allocation.

2.2.5 Return on rate base

1 The effect of all of the changes on the rate base is marginal for
 2 rate D₁ customers. Interruptible customers will see their share increase by around 2%,
 3 while rate D₄ customers will see their share decrease by 3%. This effect mainly
 4 stems from the changes made to the CONDRIN factor which is used to allocate
 5 many components of the rate base.

6 The following table compares the results of the allocation under the current methodology
 and
 7 the proposed methodology for allocating the return on the rate base.

Table 9
Allocation of the return on the rate base

| 2013/2014 Rates | Amount allocated | | By customer | | By 10 ³ m ³ | |
|--|----------------------|----------------------|------------------|-------------------|-----------------------------------|-------------------|
| | Current methodol | Proposed methodol | Current methodol | Proposed methodol | Current methodol | Proposed methodol |
| D ₁ 0-3,650 m ³ | \$45,811,492 | \$46,289,299 | \$335 | \$338 | \$221 | \$223 |
| D ₁ 3,650-36,500 m ³ | \$31,977,437 | \$31,099,198 | \$675 | \$656 | \$54 | \$52 |
| D ₁ 36,500 + m ³ | \$24,260,469 | \$25,115,381 | \$2,391 | \$2,475 | \$22 | \$23 |
| Rate RT | \$5,359,408 | \$5,936,570 | \$4,233 | \$4,689 | \$10 | \$12 |
| D ₁ | \$107,408,806 | \$108,440,448 | \$549 | \$554 | \$44 | \$45 |
| D ₃ | \$954,082 | \$998,482 | \$3,942 | \$4,126 | \$5 | \$6 |
| D ₄ | \$16,865,327 | \$12,744,123 | \$187,393 | \$141,601 | \$7 | \$5 |
| D ₅ | \$2,778,785 | \$5,823,947 | \$20,283 | \$42,511 | \$4 | \$9 |
| Total | \$128,007,000 | \$128,007,000 | \$652 | \$652 | \$23 | \$23 |

2.3 COMMENTS ON CERTAIN FACTORS

2.3.1 Removal of factor FS13

8 Factor FS13 allocates amounts prorated to revenue, as does factor FB09.
 9 The two factors have different names, but represent the same allocation.
 10 Although factor FB09 is not used to allocate one of the distribution service costs,
 11 it is involved in the calculation of some factors. Gaz Métro proposes to remove
 12 factor FS13, which matches factor FB09.

1 **Gaz Métro requests that the Régie approve the removal of factor FS13 from the cost**
2 **allocation method.**

2.3.2 FB01D

3 Expenses pertaining to *Lost gas smoothing* included as deferred costs are
4 allocated using factor FB01D, the same factor used to allocate the rate base
5 components pertaining to lost gas.

3 FILING OF DATA

1 Pursuant to the Régie's request (D-2014-193), Gaz Métro is filing the two databases
2 used to construct the mains costs allocation factor (CONDPRIN).
3 The databases appear in Exhibits Gaz Métro-2, Document 9 and Gaz Métro-2,
4 Document 10.

3.1 ENGINEERING DATA

5 The engineering database records all of Gaz Métro's mains.
6 The database contains the following information:

7 Region: Geographic location of mains

8 Pressure: Natural gas pressure measured in kilopascals (kPa)

9 Diameter: Diameter of mains in millimetres

10 Materials: Classification of steel, plastic and aluminium mains

11 Length: Length of mains in metres

3.2 ACCOUNTING DATA

12 The accounting database includes information on the value of the mains. It was
13 assembled based on information on investment projects.

14 Although this database includes information on the diameter and length of
15 mains, the data has been deduced from information on the investment projects,
16 and is not an exact reflection of the mains network. The engineering data must
17 therefore be used to determine the network's technical characteristics. The accounting
18 data base is used solely to estimate the average cost of mains based
19 on what they are made of and their diameter, and reconstitute the network's total value.

20 The accounting database contains the following information:

21 Region: Geographic location of mains

22 Materials: Classification of steel, plastic and aluminium mains

- 1 Diameter: Diameter of mains in millimetres
- 2 Length: Length of mains in metres
- 3 Landing date: Year each main was landed
- 4 Capitalized amount: Capitalized value of each main