



**GDB Information Disclosure Requirements  
Information Templates  
for  
Schedules 1–10**

<b>Company Name</b>	Vector gas distribution business
<b>Disclosure Date</b>	19 December 2019
<b>Disclosure Year (year ended)</b>	30 June 2019

Templates for Schedules 1–10 excluding 5f–5g  
Template Version 4.1. Prepared 21 December 2017

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## **Disclosure Template Instructions**

These templates have been prepared for use by GDBs when making disclosures under subclauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Gas Distribution Information Disclosure Determination 2012.

### ***Company Name and Dates***

To prepare the templates for disclosure, the supplier's company name should be entered in cell C8, the date of the last day of the current (disclosure) year should be entered in cell C12, and the date on which the information is disclosed should be entered in cell C10 of the CoverSheet worksheet.

The cell C12 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

The cell C8 entry (company name) is used in the template title blocks.

Dates should be entered in day/month/year order (Example -"1 April 2013").

### ***Data Entry Cells and Calculated Cells***

Data entered into this workbook may be entered only into the data entry cells. Data entry cells are the bordered, unshaded areas (white cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell.

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

### ***Validation Settings on Data Entry Cells***

To maintain a consistency of format and to help guard against errors in data entry, some data entry cells test keyboard entries for validity and accept only a limited range of values. For example, entries may be limited to a list of category names, to values between 0% and 100%, or either a numeric entry or the text entry "N/A". Where this occurs, a validation message will appear when data is being entered. These checks are applied to keyboard entries only and not, for example, to entries made using Excel's copy and paste facility.

### ***Conditional Formatting Settings on Data Entry Cells***

Schedule 2 cells G79 and I79:L79 will change colour if the total cashflows do not equal the corresponding values in table 2(ii).

Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

Schedule 9b columns AA to AE (2013 to 2017) contain conditional formatting. The data entry cells for future years are hidden (are changed from white to yellow).

Schedule 9b cells AG10 to AG37 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.

Schedule 9c cell F22 will change colour if F22 (system length by operating pressure) does not equal F16 (system length by material).

### ***Inserting Additional Rows and Columns***

The templates for schedules 4, 5b, 5c, 5d, 5e, 5i, 6a, 8, 9c, 9d, 10a and 10b may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule references.

Additional rows in schedules 5c, 6a, 9c and 9d must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

Schedules 5d and 5e may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from row 72 of schedule 5d and row 71 of schedule 5e to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 64:72 of the relevant template, copy, select Excel row 73, then insert copied cells. Similarly, for table 5e(ii): Select Excel rows 63:71 of the relevant template, copy, select Excel row 72, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted between column M and Q. To avoid interfering with the title block entries, these should be inserted to the left of column N. If inserting additional columns, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The formulas can be found in the equivalent cells of the

### ***Disclosures by Sub-Network***

Schedules 8, 9a, 9b, 9c, 9d, 10a and 10b must be completed for the network and for each sub-network. A copy of the schedule worksheet(s) must be made for each subnetwork and named accordingly.

### ***Schedule References***

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Gas Distribution ID Determination 2012 (as issued on 21 December 2017). They provide a common reference between the rows in the determination and the template.

### ***Description of Calculation References***

Calculation cell formulas contain links to other cells within the same template or elsewhere in the workbook. Key cell references are described in a column to the right of each template. These descriptions are provided to assist data entry. Cell references refer to the row of the template and not the schedule reference.

### ***Worksheet Completion Sequence***

Calculation cells may show an incorrect value until precedent cell entries have been completed. Data entry may be assisted by completing the schedules in the following order:

1. Coversheet
2. Schedules 5a–5e
3. Schedules 6a–6b
4. Schedule 8
5. Schedule 3
6. Schedule 4
7. Schedule 2
8. Schedule 7
9. Schedules 9a–9d
10. Schedules 10a and 10b

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 1: ANALYTICAL RATIOS**

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination.  
 This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	<b>1(i): Expenditure Metrics</b>				
8					
9					
10					
11					
12					
13					
14					
15					
16					
17	<b>1(ii): Revenue Metrics</b>				
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30	<b>1(iv): Composition of Revenue Requirement</b>				
31					
32					
33					
34					
35					
36					
37					
38					
39					
40	<b>1(v): Reliability</b>				
41					
42					

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 2: REPORT ON RETURN ON INVESTMENT**

This schedule requires information on the Return on Investment (ROI) for the GDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If a GDB makes this election, information supporting this calculation must be provided in 2(iii).

GDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

2(i): Return on Investment		CY-2	CY-1	Current Year CY
		30 Jun 17	30 Jun 18	30 Jun 19
		%	%	%
7				
8	for year ended			
9	<b>ROI – comparable to a post tax WACC</b>			
10	Reflecting all revenue earned	7.58%	6.19%	5.45%
11	Excluding revenue earned from financial incentives	7.58%	6.19%	5.45%
12	Excluding revenue earned from financial incentives and wash-ups	7.58%	6.19%	5.45%
13				
14	<b>Mid-point estimate of post tax WACC</b>	5.30%	5.20%	5.07%
15	25th percentile estimate	4.49%	4.49%	4.36%
16	75th percentile estimate	6.11%	5.91%	5.77%
17				
18				
19	<b>ROI – comparable to a vanilla WACC</b>			
20	Reflecting all revenue earned	8.09%	6.74%	5.95%
21	Excluding revenue earned from financial incentives	8.09%	6.74%	5.95%
22	Excluding revenue earned from financial incentives and wash-ups	8.09%	6.74%	5.95%
23				
24	<b>WACC rate used to set regulatory price path</b>	7.44%	6.41%	6.41%
25				
26	<b>Mid-point estimate of vanilla WACC</b>	5.82%	5.73%	5.56%
27	25th percentile estimate	5.01%	5.02%	4.85%
28	75th percentile estimate	6.63%	6.44%	6.27%
29				
30	<b>2(ii): Information Supporting the ROI</b>			(\$000)
31				
32	Total opening RAB value	406,008		
33	plus Opening deferred tax	(28,907)		
34	<b>Opening RIV</b>		377,101	
35				
36	<b>Line charge revenue</b>		47,103	
37				
38	Expenses cash outflow	14,797		
39	plus Assets commissioned	22,067		
40	less Asset disposals	19		
41	plus Tax payments	2,474		
42	less Other regulated income	(13)		
43	<b>Mid-year net cash flows</b>		39,332	
44				
45	<b>Term credit spread differential allowance</b>		424	
46				
47	Total closing RAB value	424,028		
48	less Adjustment resulting from asset allocation	611		
49	less Lost and found assets adjustment	-		
50	plus Closing deferred tax	(31,191)		
51	<b>Closing RIV</b>		392,226	
52				
53	<b>ROI – comparable to a vanilla WACC</b>			5.95%
54				
55	Leverage (%)			42%
56	Cost of debt assumption (%)			4.22%
57	Corporate tax rate (%)			28%
58				
59	<b>ROI – comparable to a post tax WACC</b>			5.45%
60				

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 2: REPORT ON RETURN ON INVESTMENT**

This schedule requires information on the Return on Investment (ROI) for the GDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If a GDB makes this election, information supporting this calculation must be provided in 2(iii).

GDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

**2(iii): Information Supporting the Monthly ROI**

61							
62							
63	Opening RIV						N/A
64							
65		(\$000)					
66		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
67	Month 1						
68	Month 2						
69	Month 3						
70	Month 4						
71	Month 5						
72	Month 6						
73	Month 7						
74	Month 8						
75	Month 9						
76	Month 10						
77	Month 11						
78	Month 12						
79	<b>Total</b>						
80							
81	Tax Payments						N/A
82							
83	Term credit spread differential allowance						N/A
84							
85	Closing RIV						N/A
86							
87							
88	Monthly ROI – comparable to a vanilla WACC						N/A
89							
90	Monthly ROI – comparable to a post tax WACC						N/A

**2(iv): Year-End ROI Rates for Comparison Purposes**

91		
92		
93		
94	Year-end ROI – comparable to a vanilla WACC	5.79%
95		
96	Year-end ROI – comparable to a post tax WACC	5.29%
97		

\* these year-end ROI values are comparable to the ROI reported in pre 2012 disclosures by GDBs and do not represent the Commission's current view on ROI.

**2(v): Financial Incentives and Wash-Ups**

100		
101		
102	Financial incentives	-
103		
104	Impact of financial incentives on ROI	-
105		
106	Input methodology claw-back	-
107	CPP application recoverable costs	-
108	Catastrophic event allowance	-
109	Capex wash-up adjustment	-
110	Other wash-ups	-
111	Wash-up costs	-
112		
113	Impact of wash-up costs on ROIs	-

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 3: REPORT ON REGULATORY PROFIT**

This schedule requires information on the calculation of regulatory profit for the GDB for the disclosure year. GDBs must complete all sections and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	<b>3(i): Regulatory Profit</b>		(\$000)
8	<b>Income</b>		
9	Line charge revenue	47,103	
10	plus Gains / (losses) on asset disposals	(13)	
11	plus Other regulated income (other than gains / (losses) on asset disposals)	-	
12			
13	<b>Total regulatory income</b>	<b>47,090</b>	
14	<b>Expenses</b>		
15	less Operational expenditure	13,027	
16			
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	1,770	
18			
19	<b>Operating surplus / (deficit)</b>	<b>32,293</b>	
20			
21	less Total depreciation	11,433	
22			
23	plus Total revaluations	6,794	
24			
25	<b>Regulatory profit / (loss) before tax</b>	<b>27,654</b>	
26			
27	less Term credit spread differential allowance	424	
28			
29	less Regulatory tax allowance	4,758	
30			
31	<b>Regulatory profit/(loss) including financial incentives and wash-ups</b>	<b>22,472</b>	
32			
33	<b>3(ii): Pass-through and recoverable costs excluding financial incentives and wash-ups</b>		(\$000)
34	<b>Pass through costs</b>		
35	Rates	1,417	
36	Commerce Act levies	289	
37	Industry Levies	64	
38	CPP specified pass through costs	-	
39	<b>Recoverable costs excluding financial incentives and wash-ups</b>		
40	Urgent project allowance	-	
41	Other recoverable costs excluding financial incentives and wash-ups	-	
42	<b>Pass-through and recoverable costs excluding financial incentives and wash-ups</b>	<b>1,770</b>	
43			
44			
45			
46	<b>3(iv): Merger and Acquisition Expenditure</b>		(\$000)
47			
48	Merger and acquisition expenditure	-	
49			
50	<i>Provide commentary on the benefits of merger and acquisition expenditure to the gas distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>		
51			(\$000)
52	<b>3(v): Other Disclosures</b>		
53			(\$000)
54	Self-insurance allowance	-	



Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)**

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. GDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)		for year ended				
		RAB 30 Jun 15 (\$000)	RAB 30 Jun 16 (\$000)	RAB 30 Jun 17 (\$000)	RAB 30 Jun 18 (\$000)	RAB 30 Jun 19 (\$000)
	Total opening RAB value	483,573	496,747	375,662	390,463	406,008
	Total opening RAB value for Non Auckland gas distribution		131,352			
less	Total depreciation	15,182	9,484	10,338	10,995	11,433
plus	Total revaluations	1,933	1,521	6,542	5,853	6,794
plus	Assets commissioned	26,629	17,653	18,700	20,708	22,067
less	Asset disposals	143	92	107	43	19
plus	Lost and found assets adjustment	(25)	-	-	-	-
plus	Adjustment resulting from asset allocation	(38)	669	4	22	611
	Total closing RAB value	496,747	375,662	390,463	406,008	424,028
4(ii): Unallocated Regulatory Asset Base						
		Unallocated RAB *		RAB		
		(\$000)	(\$000)	(\$000)	(\$000)	
	Total opening RAB value		436,917		406,008	
less	Total depreciation		21,214		11,433	
plus	Total revaluations		7,299		6,794	
plus	Assets commissioned (other than below)	47,915		22,067		
	Assets acquired from a regulated supplier	-		-		
	Assets acquired from a related party	-		-		
	Assets commissioned		47,915		22,067	
less	Asset disposals (other than below)	75		19		
	Asset disposals to a regulated supplier	-		-		
	Asset disposals to a related party	-		-		
	Asset disposals		75		19	
plus	Lost and found assets adjustment		-		-	
plus	Adjustment resulting from asset allocation				611	
	Total closing RAB value		470,842		424,028	
<p>* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide gas distribution services without any allowance being made for the allocation of costs to services provided by the supplier that are not gas distribution services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.</p>						

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)**

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. GDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

**4(iii): Calculation of Revaluation Rate and Revaluation of Assets**

CPI <sub>t</sub>				1,032
CPI <sub>t-4</sub>				1,015
Revaluation rate (%)				1.67%

  

	Unallocated RAB * (\$000)	RAB (\$000)
Total opening RAB value	436,917	406,008
less Opening value of fully depreciated, disposed and lost assets	1,114	340
Total opening RAB value subject to revaluation	435,803	405,668
Total revaluations		7,299
		6,794

**4(iv): Roll Forward of Works Under Construction**

	Unallocated works under construction	Allocated works under construction
Works under construction—preceding disclosure year	6,946	4,183
plus Capital expenditure	56,933	21,001
less Assets commissioned	47,915	22,067
plus Adjustment resulting from asset allocation		
Works under construction - current disclosure year	15,964	3,117
Highest rate of capitalised finance applied		5.63%

**4(v): Regulatory Depreciation**

	Unallocated RAB (\$000)	RAB (\$000)
Depreciation - standard	10,242	10,242
Depreciation - no standard life assets	10,972	1,191
Depreciation - modified life assets	-	-
Depreciation - alternative depreciation in accordance with CPP	-	-
Total depreciation	21,214	11,433

(\$000 unless otherwise specified)

**4(vi): Disclosure of Changes to Depreciation Profiles**

Asset or assets with changes to depreciation	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation

\* include additional rows if needed

**4(vii): Disclosure by Asset Category**

(\$000 unless otherwise specified)

	Intermediate pressure main pipelines	Medium pressure main pipelines	Low pressure main pipelines	Service pipe	Stations	Line valve	Special crossings	Other network assets	Non-network assets	Total
Total opening RAB value	47,556	255,529	9,754	70,582	4,854	4,131	879	9,075	3,648	406,008
less Total depreciation	1,332	6,324	310	1,358	221	149	18	529	1,192	11,433
plus Total revaluations	792	4,278	163	1,185	81	69	15	153	58	6,794
plus Assets commissioned	58	9,276	-	7,265	417	183	-	1,196	3,672	22,067
less Asset disposals	-	3	-	5	-	-	-	7	4	19
plus Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
plus Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	611	611
plus Asset category transfers	-	-	-	-	-	-	-	-	-	-
Total closing RAB value	47,074	262,756	9,607	77,669	5,131	4,234	876	9,888	6,793	424,028

  

Asset Life	Intermediate pressure main pipelines	Medium pressure main pipelines	Low pressure main pipelines	Service pipe	Stations	Line valve	Special crossings	Other network assets	Non-network assets	(years)
Weighted average remaining asset life	41	43	37	54	26	45	51	30	7	(years)
Weighted average expected total asset life	70	60	60	63	35	60	64	44	13	(years)

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

### SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). GDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 70

sch ref

		(\$000)
7	<b>5a(i): Regulatory Tax Allowance</b>	
8	<b>Regulatory profit / (loss) before tax</b>	27,654
9		
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	-
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	-
12	Amortisation of initial differences in asset values	2,452
13	Amortisation of revaluations	1,069
14		3,521
15		
16	<i>less</i> Total revaluations	6,794
17	Income included in regulatory profit / (loss) before tax but not taxable	-
18	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	425
19	Notional deductible interest	6,962
20		14,182
21		
22	<b>Regulatory taxable income</b>	16,994
23		
24	<i>less</i> Utilised tax losses	-
25	Regulatory net taxable income	16,994
26		
27	Corporate tax rate (%)	28%
28	<b>Regulatory tax allowance</b>	4,758

\* Workings to be provided in Schedule 14

### 5a(ii): Disclosure of Permanent Differences

In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).

### 5a(iii): Amortisation of Initial Difference in Asset Values

(\$000)

36	Opening unamortised initial differences in asset values	83,377
37	<i>less</i> Amortisation of initial differences in asset values	2,452
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	-
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	(30)
40	Closing unamortised initial differences in asset values	80,955
41		
42	Opening weighted average remaining useful life of relevant assets (years)	34
43		



Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS**

This schedule provides information on the valuation of related party transactions, in accordance with clause 2.3.6 of the ID determination.  
 This information is part of audited disclosure information (as defined in clause 1.4 of the ID determination), and so is subject to the assurance report required by clause 2.8.

sch ref

	(\$000)	(\$000)
<b>7 5b(i): Summary—Related Party Transactions</b>		
8 <b>Total regulatory income</b>		3,004
9		
10 <b>Market value of asset disposals</b>		-
11		
12 Service interruptions, incidents and emergencies	-	
13 Routine and corrective maintenance and inspection	-	
14 Asset replacement and renewal (opex)	-	
15 <b>Network opex</b>		-
16 Business support	-	
17 System operations and network support	63	
18 <b>Operational expenditure</b>		63
19 Consumer connection	-	
20 System growth	-	
21 Asset replacement and renewal (capex)	-	
22 Asset relocations	-	
23 Quality of supply	-	
24 Legislative and regulatory	-	
25 Other reliability, safety and environment	-	
26 <b>Expenditure on non-network assets</b>		-
27 <b>Expenditure on assets</b>		-
28 Cost of financing	-	
29 Value of capital contributions	-	
30 Value of vested assets	-	
31 <b>Capital expenditure</b>		-
32 <b>Total expenditure</b>		63
33		
34 <b>Other related party transactions</b>		-

**5b(iii): Total Opex and Capex Related Party Transactions**

	Nature of opex or capex service provided	Total value of transactions (\$000)
36		
37	Vector Communications Limited	63
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52	<b>Total value of related party transactions</b>	<b>63</b>

\* include additional rows if needed

In accordance with clause 2.3.8 of the ID determination, a description showing the connection between Vector and the related parties with which it has had related party transactions in the disclosure year and the principal activities of the related party is disclosed below.

- 54
- 1) Vector communications limited:
    - Relationship: a wholly owned subsidiary of Vector limited
    - Principal activities: network communications services
    - OPEX: \$63k
  - 2) Vector Gas Trading Limited:
    - Relationship: a wholly owned subsidiary of Vector limited
    - Principal activities: sold distribution services
    - Income: \$3,004k



Commerce Commission Information Disclosure Template

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

This schedule provides information on the allocation of operational costs. GDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		Value allocated (\$000s)			OVABAA allocation increase (\$000s)
		Arm's length deduction	Gas distribution services	Non-gas distribution services	
7	<b>5d(i): Operating Cost Allocations</b>				
8					
9					
10	<b>Service interruptions, incidents and emergencies</b>				
11	Directly attributable		2,200		
12	Not directly attributable	-	-		-
13	<b>Total attributable to regulated service</b>		2,200		
14	<b>Routine and corrective maintenance and inspection</b>				
15	Directly attributable		2,975		
16	Not directly attributable	-	-		-
17	<b>Total attributable to regulated service</b>		2,975		
18	<b>Asset replacement and renewal</b>				
19	Directly attributable		-		
20	Not directly attributable	-	-		-
21	<b>Total attributable to regulated service</b>		-		-
22	<b>System operations and network support</b>				
23	Directly attributable		1,556		
24	Not directly attributable	-	1,426	10,178	11,604
25	<b>Total attributable to regulated service</b>		2,982		
26	<b>Business support</b>				
27	Directly attributable		64		
28	Not directly attributable	-	4,806	46,645	51,451
29	<b>Total attributable to regulated service</b>		4,870		
30					
31	<b>Operating costs directly attributable</b>		6,795		
32	<b>Operating costs not directly attributable</b>	-	6,232	56,823	63,055
33	<b>Operational expenditure</b>		13,027		
34					

Commerce Commission Information Disclosure Template

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

This schedule provides information on the allocation of operational costs. GDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

35 <b>5d(ii): Other Cost Allocations</b>		Value allocated (\$000s)			
		36 Arm's length deduction	37 Gas distribution services	38 Non-gas distribution services	39 Total
36 <b>Pass through and recoverable costs</b>					OVABAA allocation increase (\$000s)
37 <b>Pass through costs</b>					
38 Directly attributable			1,770		
39 Not directly attributable					
40 <b>Total attributable to regulated service</b>			1,770		
41 <b>Recoverable costs</b>					
42 Directly attributable					
43 Not directly attributable					
44 <b>Total attributable to regulated service</b>					
45 <b>5d(iii): Changes in Cost Allocations* †</b>					
46					
47 <b>Change in cost allocation 1</b>					((\$000))
48 Cost category					
49 Original allocator or line items			Original allocation	CY-1	Current Year (CY)
50 New allocator or line items			New allocation		
51			Difference		
52 Rationale for change					
53					
54					
55					
56 <b>Change in cost allocation 2</b>					((\$000))
57 Cost category					
58 Original allocator or line items			Original allocation	CY-1	Current Year (CY)
59 New allocator or line items			New allocation		
60			Difference		
61 Rationale for change					
62					
63					
64					
65 <b>Change in cost allocation 3</b>					((\$000))
66 Cost category					
67 Original allocator or line items			Original allocation	CY-1	Current Year (CY)
68 New allocator or line items			New allocation		
69			Difference		
70 Rationale for change					
71					
72					
73 * a change in cost allocation must be completed for each cost allocator change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.					
74 † include additional rows if needed					



Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS**

This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. GDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

5e(i): Regulated Service Asset Values		Value allocated (\$000s) Gas distribution services
7		
8		
9		
10	<b>Main pipe</b>	
11	Directly attributable	319,437
12	Not directly attributable	-
13	<b>Total attributable to regulated service</b>	319,437
14	<b>Service pipe</b>	
15	Directly attributable	77,669
16	Not directly attributable	-
17	<b>Total attributable to regulated service</b>	77,669
18	<b>Stations</b>	
19	Directly attributable	5,131
20	Not directly attributable	-
21	<b>Total attributable to regulated service</b>	5,131
22	<b>Line valve</b>	
23	Directly attributable	4,234
24	Not directly attributable	-
25	<b>Total attributable to regulated service</b>	4,234
26	<b>Special crossings</b>	
27	Directly attributable	876
28	Not directly attributable	-
29	<b>Total attributable to regulated service</b>	876
30	<b>Other network assets</b>	
31	Directly attributable	9,888
32	Not directly attributable	-
33	<b>Total attributable to regulated service</b>	9,888
34	<b>Non-network assets</b>	
35	Directly attributable	1,706
36	Not directly attributable	5,087
37	<b>Total attributable to regulated service</b>	6,793
38		
39	<b>Regulated service asset value directly attributable</b>	418,941
40	<b>Regulated service asset value not directly attributable</b>	5,087
41	<b>Total closing RAB value</b>	424,028
42		

**5e(ii): Changes in Asset Allocations\* †**

Change in asset value allocation 1		(\$000)			
			CY-1	Current Year (CY)	
46	Asset category	Non-network assets	Original allocation	106	96
47	Original allocator or line items	Property, plant and equipment ratio for regulated businesses	New allocation	857	772
48	New allocator or line items	Directly attributable	Difference	(751)	(676)
49	Rationale for change	The shared assets are now 100% used for the gas distribution business			
50					
51					
52					
53					
54					
55	<b>Change in asset value allocation 2</b>		(\$000)		
56	Asset category		CY-1	Current Year (CY)	
57	Original allocator or line items				
58	New allocator or line items				
59	Rationale for change				
60					
61					
62					
63					
64	<b>Change in asset value allocation 3</b>		(\$000)		
65	Asset category		CY-1	Current Year (CY)	
66	Original allocator or line items				
67	New allocator or line items				
68	Rationale for change				
69					
70					

component.

† include additional rows if needed

Company Name **Vector gas distribution business**

For Year Ended **30 June 2019**

**SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR**

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.

GDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes to templates).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		(\$000)	(\$000)
7	<b>6a(i): Expenditure on Assets</b>		
8	Consumer connection		18,055
9	System growth		663
10	Asset replacement and renewal		1,201
11	Asset relocations		2,319
12	Reliability, safety and environment:		
13	Quality of supply	180	
14	Legislative and regulatory	202	
15	Other reliability, safety and environment	529	
16	<b>Total reliability, safety and environment</b>		911
17	<b>Expenditure on network assets</b>		23,149
18	Expenditure on non-network assets		3,834
19			
20	<b>Expenditure on assets</b>		26,983
21	plus Cost of financing		75
22	less Value of capital contributions		6,057
23	plus Value of vested assets		-
24			
25	<b>Capital expenditure</b>		21,001
26	<b>6a(ii): Subcomponents of Expenditure on Assets (where known)</b>		(\$000)
27	Research and development		-
28	<b>6a(iii): Consumer Connection</b>		
29	<i>Consumer types defined by GDB*</i>	(\$000)	(\$000)
30	Mains Extensions/Subdivisions	5,691	
31	Service Connections - Residential	10,434	
32	Service Connections - Commercial	1,930	
33	Customer Easements	-	
34			
35	<i>* include additional rows if needed</i>		
36	<b>Consumer connection expenditure</b>		18,055
37			
38	less Capital contributions funding consumer connection expenditure	3,996	
39	<b>Consumer connection less capital contributions</b>		14,059
40			
41	<b>6a(iv): System Growth and Asset Replacement and Renewal</b>		
42		System Growth	Asset Replacement and Renewal
43		(\$000)	(\$000)
44	<b>Intermediate pressure</b>		
45	Main pipe	-	-
46	Service pipe	-	-
47	Stations	361	66
48	Line valve	70	62
49	Special crossings	-	371
50	<b>Intermediate pressure -total</b>	431	499
51	<b>Medium pressure</b>		
52	Main pipe	232	523
53	Service pipe	-	78
54	Stations	-	74
55	Line valve	-	-
56	Special crossings	-	-
57	<b>Medium pressure - total</b>	232	675
58	<b>Low pressure</b>		
59	Main pipe	-	-
60	Service pipe	-	-
61	Line valve	-	-
62	Special crossings	-	-
63	<b>Low pressure - total</b>	-	-
64	<b>Other network assets</b>		

Company Name **Vector gas distribution business**

For Year Ended **30 June 2019**

**SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR**

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.

GDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes to templates).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

65	Monitoring and control systems	-	-
66	Cathodic protection systems	-	27
67	Other assets (other than above)	-	-
68	<b>Other network assets - total</b>	-	27
69			
70	<b>System growth and asset replacement and renewal expenditure</b>	663	1,201
71	less Capital contributions funding system growth and asset replacement and renewal	-	-
72	<b>System growth and asset replacement and renewal less capital contributions</b>	663	1,201
73	<b>6a(v): Asset Relocations</b>		
74	<i>Project or programme*</i>	(\$000)	(\$000)
75			
76			
77			
78			
79			
80	<i>* include additional rows if needed</i>		
81	All other projects or programmes - asset relocations	2,319	
82	<b>Asset relocations expenditure</b>		2,319
83	less Capital contributions funding asset relocations	2,061	
84	<b>Asset relocations less capital contributions</b>		258
85	<b>6a(vi): Quality of Supply</b>		
86	<i>Project or programme*</i>	(\$000)	(\$000)
87			
88			
89			
90			
91			
92	<i>* include additional rows if needed</i>		
93	All other projects or programmes - quality of supply	180	
94	<b>Quality of supply expenditure</b>		180
95	less Capital contributions funding quality of supply	-	
96	<b>Quality of supply less capital contributions</b>		180
97			
98	<b>6a(vii): Legislative and Regulatory</b>		
99	<i>Project or programme*</i>	(\$000)	(\$000)
100			
101			
102			
103			
104			
105	<i>* include additional rows if needed</i>		
106	All other projects or programmes - legislative and regulatory	202	
107	<b>Legislative and regulatory expenditure</b>		202
108	less Capital contributions funding legislative and regulatory	-	
109	<b>Legislative and regulatory less capital contributions</b>		202
110			
111	<b>6a(viii): Other Reliability, Safety and Environment</b>		
112	<i>Project or programme*</i>	(\$000)	(\$000)
113			
114			
115			
116			
117			
118	<i>* include additional rows if needed</i>		
119	All other projects or programmes - other reliability, safety and environment	529	
120	<b>Other reliability, safety and environment expenditure</b>		529
121	less Capital contributions funding other reliability, safety and environment	-	
122	<b>Other reliability, safety and environment less capital contributions</b>		529

Company Name **Vector gas distribution business**

For Year Ended **30 June 2019**

**SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR**

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.

GDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes to templates).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

123	<b>6a(ix): Non-Network Assets</b>		
124	<b>Routine expenditure</b>		
125	<i>Project or programme*</i>	(\$000)	(\$000)
126			
127			
128			
129			
130			
131	<i>* include additional rows if needed</i>		
132	All other projects or programmes - routine expenditure	3,301	
133	<b>Routine expenditure</b>		3,301
134	<b>Atypical expenditure</b>		
135	<i>Project or programme*</i>	(\$000)	(\$000)
136			
137			
138			
139			
140			
141	<i>* include additional rows if needed</i>		
142	All other projects or programmes - atypical expenditure	533	
143	<b>Atypical expenditure</b>		533
144			
145	<b>Expenditure on non-network assets</b>		3,834

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR**

This schedule requires a breakdown of operational expenditure incurred in the current disclosure year. GDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance.

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

*sch ref*

		(\$000)	(\$000)
7	<b>6b(i): Operational Expenditure</b>		
8	Service interruptions, incidents and emergencies	2,200	
9	Routine and corrective maintenance and inspection	2,975	
10	Asset replacement and renewal	-	
11	<b>Network opex</b>		5,175
12	System operations and network support	2,982	
13	Business support	4,870	
14	<b>Non-network opex</b>		7,852
15			
16	<b>Operational expenditure</b>		13,027
17	<b>6b(ii): Subcomponents of Operational Expenditure (where known)</b>		
18	Research and development		-
19	Insurance		210

Company Name **Vector gas distribution business**  
 For Year Ended **30 June 2019**

**SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE**

This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.

GDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref

<b>7(i): Revenue</b>		<b>Target (\$000) <sup>1</sup></b>	<b>Actual (\$000)</b>	<b>% variance</b>
8				
9	Line charge revenue	48,094	47,103	(2%)
<b>7(ii): Expenditure on Assets</b>		<b>Forecast (\$000) <sup>2</sup></b>	<b>Actual (\$000)</b>	<b>% variance</b>
10				
11	Consumer connection	17,135	18,055	5%
12	System growth	2,122	663	(69%)
13	Asset replacement and renewal	1,593	1,201	(25%)
14	Asset relocations	3,760	2,319	(38%)
15	Reliability, safety and environment:			
16	Quality of supply	431	180	(58%)
17	Legislative and regulatory	-	202	-
18	Other reliability, safety and environment	317	529	67%
19	<b>Total reliability, safety and environment</b>	<b>748</b>	<b>911</b>	<b>22%</b>
	<b>Expenditure on network assets</b>	<b>25,358</b>	<b>23,149</b>	<b>(9%)</b>
21	Expenditure on non-network assets	1,417	3,834	171%
22	<b>Expenditure on assets</b>	<b>26,775</b>	<b>26,983</b>	<b>1%</b>
<b>7(iii): Operational Expenditure</b>				
23				
24	Service interruptions, incidents and emergencies	2,178	2,200	1%
25	Routine and corrective maintenance and inspection	2,657	2,975	12%
26	Asset replacement and renewal	-	-	-
27	<b>Network opex</b>	<b>4,835</b>	<b>5,175</b>	<b>7%</b>
28	System operations and network support	2,519	2,982	18%
29	Business support	4,725	4,870	3%
30	<b>Non-network opex</b>	<b>7,244</b>	<b>7,852</b>	<b>8%</b>
31	<b>Operational expenditure</b>	<b>12,079</b>	<b>13,027</b>	<b>8%</b>
<b>7(iv): Subcomponents of Expenditure on Assets (where known)</b>				
32				
33	Research and development	-	-	-
<b>7(v): Subcomponents of Operational Expenditure (where known)</b>				
34				
35	Research and development	-	-	-
36	Insurance	75	210	180%

1 From the nominal dollar target revenue for the pricing year disclosed under clause 2.4.3(3) of this determination

2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)

Commerce Commission Information Disclosure Template

Company Name	Vector gas distribution business
For Year Ended	30 June 2019
Network / Sub-Network Name	

**SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES**

This schedule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

sch ref

8 **8(i): Billed quantities by price component**

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**Billed quantities by price component**

Add extra columns for additional billed quantities by price component as necessary

Price component

Unit charging basis (eg, days, GJ, etc.)

Price component	Fixed	Variable			
Unit charging basis (eg, days, GJ, etc.)	Days	kWh			

Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Quantity of gas delivered (TJ)
GA0R	Residential	Standard	104,112	2,424
GA01	Commercial	Standard	2,361	277
GA02	Commercial	Standard	2,841	981
GA03	Commercial	Standard	979	2,093
GA04	Commercial	Standard	153	1,941
GA05	Commercial	Standard	22	2,854
Non-standard	Commercial	Non-standard	23	3,823

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	110,468	10,571
Non-standard consumer totals	23	3,823
<b>Total for all consumers</b>	<b>110,491</b>	<b>14,394</b>

37,995,128	673,459,067			
861,817	76,920,873			
1,037,485	272,616,207			
356,691	581,479,519			
55,894	539,171,965			
8,053	792,727,795			
8,398	1,062,065,913			
40,315,068	2,936,375,426	-	-	-
8,398	1,062,065,913	-	-	-
40,323,466	3,998,441,339	-	-	-





Commerce Commission Information Disclosure Template

Company Name **Vector gas distribution business**

For Year Ended **30 June 2019**

Network / Sub-network Name

**SCHEDULE 9a: ASSET REGISTER**

This schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class.

sch ref

8	Operating Pressure	Asset Category	Asset Class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	-	-	-	N/A
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	241	241	0	4
11	Intermediate Pressure	Main pipe	IP other main pipe	km	-	-	-	N/A
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	-	-	-	N/A
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	6	6	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	-	-	-	N/A
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	96	95	(1)	4
16	Intermediate Pressure	Line valve	IP line valves	No.	643	641	(2)	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	20	20	-	4
18	Medium Pressure	Main pipe	MP PE main pipe	km	3,960	4,015	54	4
19	Medium Pressure	Main pipe	MP steel main pipe	km	212	212	(0)	4
20	Medium Pressure	Main pipe	MP other main pipe	km	1	1	-	3
21	Medium Pressure	Service pipe	MP PE service pipe	km	2,207	2,228	21	4
22	Medium Pressure	Service pipe	MP steel service pipe	km	27	26	(1)	4
23	Medium Pressure	Service pipe	MP other service pipe	km	3	3	(0)	4
24	Medium Pressure	Stations	Medium pressure DRS	No.	151	141	(10)	4
25	Medium Pressure	Line valve	MP line valves	No.	2,818	2,815	(3)	3
26	Medium Pressure	Special crossings	MP special crossings	No.	69	69	-	3
27	Low Pressure	Main pipe	LP PE main pipe	km	0	0	-	4
28	Low Pressure	Main pipe	LP steel main pipe	km	-	-	-	N/A
29	Low Pressure	Main pipe	LP other main pipe	km	-	-	-	N/A
30	Low Pressure	Service pipe	LP PE service pipe	km	2	1	(0)	4
31	Low Pressure	Service pipe	LP steel service pipe	km	1	1	(0)	3
32	Low Pressure	Service pipe	LP other service pipe	km	0	-	(0)	N/A
33	Low Pressure	Line valve	LP line valves	No.	3	2	(1)	4
34	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	N/A
35	All	Monitoring and control systems	Remote terminal units	No.	78	78	-	3
36	All	Cathodic protection systems	Cathodic protection	No.	22	21	(1)	4



Company Name	Vector gas distribution business
For Year Ended	30 June 2019
Network / Sub-network Name	

**SCHEDULE 9c: REPORT ON PIPELINE DATA**

This schedule requires a summary of the key characteristics of the pipeline network.

sch ref

**Network Information (end of year)**

System length by material (defined by GDB)	Length (km)	%
Unknown	0	0.00%
Steel	485	7.20%
PE	6,244	92.73%
Other	4	0.06%
		-
		-
<b>System length</b>	<b>6,733</b>	<b>100.00%</b>

By operating pressure:	Weighted average			Gas conveyed for Persons not involved in the GDB (TJ)
	System length (km) (at year end)	pipe diameter (mm)	Number of ICPs (at year end)	
Intermediate pressure	247	162	187	3,145
Medium pressure	6,484	38	111,132	9,108
Low pressure	2	44	323	15
<b>Total</b>	<b>6,733</b>	<b>43</b>	<b>111,642</b>	<b>12,268</b>

Company Name	Vector gas distribution business
For Year Ended	30 June 2019
Network / Sub-network Name	

**SCHEDULE 9d: REPORT ON DEMAND**

This schedule requires a summary of the key measures of network demand for the disclosure year (number of new connections including, maximum monthly loads and total gas conveyed)

sch ref

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23  
24  
25  
26  
27  
28

**9d(i): Consumer Connections**

Number of ICPs connected in year by consumer type

Consumer types defined by GDB	Number of connections (ICPs)
Residential	3,172
Commercial	150
<b>Total</b>	<b>3,322</b>

**9d(ii): Gas Delivered**

Number of ICPs at year end	111,642	connections
Maximum daily load	60,660	(GJ per day)
Maximum monthly load	1,506,177	(GJ per month)
Number of directly billed ICPs	-	(at year end)
Total gas conveyed	14,432,176	(GJ per annum)
Average daily delivery	39,540	(GJ per day)
<b>Load factor</b>	<b>79.85%</b>	

Company Name **Vector gas distribution business**

For Year Ended **30 June 2019**

Network / Sub-network Name

**SCHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS**

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and CAIDI) for the disclosure year. GDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates). The SAIDI and SAIFI information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

**10a(i): Interruptions**

**Interruptions by class**

	Actual
Class A (planned interruptions by GTB)	-
Class B (planned interruptions on the network)	389
Class C (unplanned interruptions on the network)	36
Class D (unplanned interruptions by GTB)	-
Class I (unplanned interruptions caused by third party damage)	181
<b>Total</b>	<b>606</b>

	Actual
Number of unplanned outage events (interruptions that affect more than 5 ICPs)	
Vector network	5

	Actual
Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)	
Vector network	4

**10a(ii): Reliability**

**Overall reliability**

	SAIDI	SAIFI	CAIDI
Based on the total number of interruptions	1,110	7.55	147
Class I (unplanned interruptions caused by third party damage)	339	3.09	110

	SAIDI	SAIFI	CAIDI
Class B (planned interruptions on the network)			
Vector network	392	4.03	97.3
			-
			-
			-

	SAIDI	SAIFI	CAIDI
Class C (unplanned interruptions on the network)			
Vector network	379	0.43	873
			-
			-
			-

Company Name	Vector gas distribution business
For Year Ended	30 June 2019
Network / Sub-network Name	

**SCHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SERVICE**

This schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emergencies etc) for the disclosure year.

sch ref

**10b(i): System Condition and Integrity**

Number of confirmed public reported gas escapes per system length (escapes/1000 km)

	Actual
Vector network	20.945

Number of leaks detected by routine survey per system length (leaks/1000 km)

	Actual
Vector network	3.268

Number of third party damage events per system length (events/1000 km)

	Actual
Vector network	46.494

Number of poor pressure events due to network causes

	Actual
Vector network	1

Number of telephone calls to emergency numbers answered within 30 seconds per total number of calls

Note: This entry may be excluded for sub-networks.

	Actual
Vector network	78.30%

Product control—safety of distribution gas

	Actual
Number of non-compliant odour tests	-

**10b(ii): Consumer Service**

Response time to emergencies (RTE)

	Proportion of emergencies responded to within 1 hour (%)	Proportion of emergencies responded to within 3 hours (%)	Average call response time (hours)	Number of emergencies
Vector network	97.75%	100.00%	0.61	89

Number of complaints

	Actual
Number of complaints per average total consumer numbers	0.0010