



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

Company Name	Vector - gas distribution business
Disclosure Date	4 December 2014
Disclosure Year (year ended)	30 June 2014

Templates for Schedules 1–10
Template Version 3.0. Prepared 14 April 2014

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Disclosure Template Guidelines for Information Entry

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. Disclosures must be made available to the public within 6 months after the end of the disclosure year and a copy provided to the Commission within 5 working days of being disclosed to the public.

Version 3.0 templates

These templates correct formula errors contained in previous versions of the templates. A list of the formula corrections can be found in the ID issues register under "Excel Template Issues - v2.X (2013)" in the category column. We have included additional guidance for schedules 2, 4 and 5a indicating where information for certain rows are expected to be sourced from.

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. Under no circumstances should the formulas in a calculated cell be overwritten.

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 9b columns Z to AD (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 AG637 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column H in Schedule 9a.

Schedule 9c cell P30 will change colour if P30 (overhead circuit length by terrain) does not equal P18 (overhead circuit length by operating voltage).

Schedule 4 cells Q97:Q103 and Q105 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

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.

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 71 of each template to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) and table 5e(ii) are: Select Excel rows 62:69 of the relevant template, copy, select Excel row 71, 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 existing columns.

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 1 October 2012). They provide a common reference between the rows in the determination and the template. Due to page formatting, the row reference sequences contained in the determination schedules are not necessarily contiguous.

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 and 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

Changes to disclosure year 2013

Clauses 2.12.1 to 2.12.7 of the Gas Distribution ID Determination 2012 does not apply for disclosure years 2014 and onwards.

GDBs do not need to complete transitional schedule 5h and this schedule has been excluded from this version of the templates.

All schedules in this workbook must now be completed in full and publicly disclosed.

Schedule 2: Report on Return on Investment

The ROI calculations are performed in this template.

All suppliers must complete tables 2(i) Return on Investment and 2(ii) Information Supporting the ROI.

Only suppliers who meet either of the two thresholds set out in subclause 2.3.3 of the Gas Distribution Information Disclosure Determination 2012 need to complete table 2(iii) Information Supporting the Monthly ROI. We expect that most suppliers will generally not meet either threshold. You will need to work out if you met either threshold using your own tools (e.g. Excel) and do not need to disclose these calculations. If you met either threshold you will need to provide a breakdown of five cash flow items on a month by month basis, as well as your opening revenue related working capital. The definitions for these items are the same as for the rest of the schedules. The values for assets commissioned and asset disposals should relate to the RAB (not the unallocated RAB).

The Excel worksheet uses several calculated cells beyond the rightmost edge of the template to calculate the monthly

The prior year comparison information in the table 2(i) columns labelled CY-1 and CY-2 should be completed by copying the results from the previous year's disclosure.

Schedule 8: Report on Billed Quantities and Line Charge Revenues

This template should be completed in respect of each consumer groups or price category code (as applicable) that applied in the relevant disclosure year. The 'Average number of ICPs in disclosure year' column entries should be the arithmetic mean of monthly total ICPs (at month end).

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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.

sch ref

7 **1(i): Expenditure Metrics**

	Expenditure per TJ energy delivered to ICPs (\$/TJ)	Expenditure per average no. of ICPs (\$/ICP)	Ratio of expenditure to maximum monthly amount of gas entering network (\$ per GJ/month)	Expenditure per km of pipeline for supply (\$/km)
8				
9	Operational expenditure			
10	757	104	8	1,550
11	346	47	3	707
12	412	57	4	843
13	Expenditure on assets			
14	1,496	205	15	3,061
15	1,436	197	15	2,939
16	60	8	1	122

17 **1(ii): Revenue Metrics**

	Revenue per TJ energy delivered to ICPs (\$/TJ)	Revenue per average no. of ICPs (\$/ICP)
19		
20	Total line charge revenue	
21	3,434	472
22	6,494	429
23	600	73,609

24 **1(iii): Service Intensity Measures**

26	Demand density	202	Maximum monthly amount of gas entering network (GJ/month)/Total pipeline length
27	Volume density	2	Total TJ delivered to ICPs/Total pipeline length
28	Connection point density	15	Average number of ICPs in disclosure year/Total pipeline length
29	Energy intensity	137	Total GJ delivered to ICPs/Average number of ICPs in disclosure year

31 **1(iv): Composition of Revenue Requirement**

	(\$000)	% of revenue
32		
33	16,466	21.86%
34	2,417	3.21%
35	14,483	19.23%
36	7,548	10.02%
37	10,123	13.44%
38	39,277	52.15%
39	Total regulatory income	
40	75,313	

41 **1(v): Reliability**

	Interruptions per 100km of pipeline length
42	19.53

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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		for year ended		
		CY-2 30 Jun 12	CY-1 30 Jun 13	Current Year CY 30 Jun 14
	Post tax WACC	%	%	%
	ROI—comparable to a post tax WACC	7.93%	8.24%	7.52%
	Mid-point estimate of post tax WACC	6.89%	6.02%	6.16%
	25th percentile estimate	6.08%	5.21%	5.35%
	75th percentile estimate	7.70%	6.83%	6.97%
	Vanilla WACC			
	ROI—comparable to a vanilla WACC	8.72%	8.94%	8.20%
	Mid-point estimate of vanilla WACC	7.69%	6.72%	6.84%
	25th percentile estimate	6.88%	5.91%	6.03%
	75th percentile estimate	8.50%	7.53%	7.65%
2(ii): Information Supporting the ROI		(\$000)		
	Total opening RAB value	467,458		
plus	Opening deferred tax	(19,014)		
	Opening RIV		448,444	
	Operating surplus / (deficit)	56,430		
less	Regulatory tax allowance	10,123		
less	Assets commissioned	23,068		
plus	Asset disposals	50		
	Notional net cash flows		23,290	
	Total closing RAB value	483,573		
less	Adjustment resulting from asset allocation	32		
less	Lost and found assets adjustment	-		
plus	Closing deferred tax	(22,545)		
	Closing RIV		460,996	
	ROI—comparable to a vanilla WACC		8.20%	
	Leverage (%)		44%	
	Cost of debt assumption (%)		5.49%	
	Corporate tax rate (%)		28%	
	ROI—comparable to a post tax WACC		7.52%	

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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).
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sch ref

2(iii): Information Supporting the Monthly ROI

Cash flows		(\$000)					
	Total regulatory income	Expenses	Tax payments	Assets commissioned	Asset disposals	Notional net cash flows	
Month 1	10,357	1,638		916	8	7,811	
Month 2	10,024	1,460		1,210	5	7,359	
Month 3	8,368	1,600		1,262	1	5,507	
Month 4	5,603	1,512		2,426	1	1,666	
Month 5	4,873	1,524	1,013	2,424	1	(87)	
Month 6	4,297	1,397		1,643	2	1,259	
Month 7	4,504	1,550		1,610	5	1,349	
Month 8	3,995	1,524		1,019	2	1,454	
Month 9	4,785	1,622	9,110	2,954	4	(8,897)	
Month 10	4,818	1,512		2,232	18	1,092	
Month 11	6,300	1,715		1,710	2	2,877	
Month 12	7,389	1,829		3,662	1	1,899	
Total	75,313	18,883	10,123	23,068	50	23,289	

	Opening / closing RAB	Adjustment resulting from asset allocation	Lost and found assets adjustment	Opening / closing deferred tax	Revenue related working capital	Total
Monthly ROI - opening RIV	467,458			(19,014)	9,615	458,059
Monthly ROI - closing RIV	483,573	32	-	(22,545)	7,389	468,385
Monthly ROI - closing RIV less term credit spread differential allowance						468,290
Monthly ROI—comparable to a vanilla WACC						7.62%
Monthly ROI—comparable to a post-tax WACC						6.95%

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

Year-end ROI—comparable to a vanilla WACC	8.54%
Year-end ROI—comparable to a post-tax WACC	7.86%

* 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.

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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

7 8 9	10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	4(i): Regulatory Asset Base Value (Rolled Forward)	for year ended	RAB	RAB	RAB	RAB	RAB
				30 Jun 10	30 Jun 11	30 Jun 12	30 Jun 13	30 Jun 14
				(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
		Total opening RAB value		418,694	423,843	447,295	458,523	467,458
		less Total depreciation		13,416	12,571	13,662	14,398	14,483
		plus Total revaluations		6,925	13,596	4,248	3,134	7,548
		plus Assets commissioned		12,363	22,745	20,664	20,404	23,068
		less Asset disposals		723	328	48	190	50
		plus Lost and found assets adjustment		-	-	-	-	-
		plus Adjustment resulting from asset allocation		-	10	26	(15)	32
		Total closing RAB value		423,843	447,295	458,523	467,458	483,573

25 26 27	28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	4(ii): Unallocated Regulatory Asset Base	Unallocated RAB *		RAB	
			(\$000)	(\$000)	(\$000)	(\$000)
		Total opening RAB value		493,247		467,458
		less Total depreciation		22,991		14,483
		plus Total revaluations		7,935		7,548
		plus Assets commissioned (other than below)		31,614		23,068
		Assets acquired from a regulated supplier		-		-
		Assets acquired from a related party		-		-
		Assets commissioned		31,614		23,068
		less Asset disposals (other than below)		58		50
		Asset disposals to a regulated supplier		-		-
		Asset disposals to a related party		-		-
		Asset disposals		58		50
		plus Lost and found assets adjustment		-		-
		plus Adjustment resulting from asset allocation				32
		Total closing RAB value		509,747		483,573

* 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 non-regulated services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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

59	CPI _t	1,195
60	CPI _{t-4}	1,176
61	Revaluation rate (%)	1.62%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
65	Total opening RAB value	493,245	467,458	
66	less Opening RAB value of fully depreciated, disposed and lost assets	2,084	253	
67	Total opening RAB value subject to revaluation	491,161	467,205	
69	Total revaluations		7,935	7,548

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
73	Works under construction—preceding disclosure year	2,790	1,360	
74	plus Capital expenditure	37,825	28,417	
75	less Assets commissioned	31,614	23,068	
76	plus Adjustment resulting from asset allocation		(113)	
77	Works under construction - current disclosure year		9,001	6,595
79	Highest rate of capitalised finance applied			6.97%

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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

	Unallocated RAB * (\$000)	(\$000)	RAB (\$000)	(\$000)
87 4(v): Regulatory Depreciation				
88				
89				
90 Depreciation - standard	12,902		12,902	
91 Depreciation - no standard life assets	10,089		1,581	
92 Depreciation - modified life assets				
93 Depreciation - alternative depreciation in accordance with CPP				
94 Total depreciation		22,991		14,483

(\$000 unless otherwise specified)

96 4(vi): Disclosure of Changes to Depreciation Profiles	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
97 Asset or assets with changes to depreciation				
98				
99				
100				
101				
102				
103				
104				
105				

* include additional rows if needed

107 **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
108 Total opening RAB value	59,841	307,438	11,894	63,959	5,529	3,488	-	10,676	4,633	467,458
109 less Total depreciation	1,586	7,771	324	2,050	275	162	-	813	1,502	14,483
110 plus Total revaluations	966	4,966	192	1,031	89	56	-	176	72	7,548
111 plus Assets commissioned	822	9,493	243	7,617	1,156	558	78	1,935	1,166	23,068
112 less Asset disposals	-	-	-	-	23	9	-	18	-	50
113 plus Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
114 plus Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	32	32
115 plus Asset category transfers	(1,496)	(3,293)	(15)	(111)	(12)	(2)	4,679	(471)	721	-
116 Total closing RAB value	58,547	310,833	11,990	70,446	6,464	3,929	4,757	11,485	5,122	483,573
117										
118 Asset Life										
119 Weighted average remaining asset life	41	43	42	46	29	40	37	19	10	(years)
120 Weighted average expected total asset life	71	60	60	60	35	62	64	45	15	(years)
121										

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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 2.8.

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		49,400
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	19	*
12	Amortisation of initial differences in asset values	4,123	
13	Amortisation of revaluations	798	
14			4,940
15			
16	<i>less</i> Income included in regulatory profit / (loss) before tax but not taxable	7,548	*
18	Expenditure or loss deductible but not in regulatory profit / (loss) before tax		*
19	Notional deductible interest	10,640	
20			18,188
21			
22	Regulatory taxable income		36,152
23			
24	<i>less</i> Utilised tax losses	-	
25	Regulatory net taxable income		36,152
26			
27	Corporate tax rate (%)	28%	
28	Regulatory tax allowance		10,123

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

In Schedule 14, Box 8, 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	160,816	
37	Amortisation of initial differences in asset values	4,123	
38	Adjustment for unamortised initial differences in assets acquired	-	
39	Adjustment for unamortised initial differences in assets disposed	(72)	
40	Closing unamortised initial difference in asset values		156,765
41			
42	Opening weighted average remaining asset life (years)		39

5a(iv): Amortisation of Revaluations

		(\$000)	
45	Opening Sum of RAB values without revaluations	441,126	
46			
47	Adjusted depreciation	13,685	
48	Total depreciation	14,483	
49	Amortisation of revaluations		798

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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 2.8.

sch ref

57	5a(v): Reconciliation of Tax Losses		(\$000)
58			
59	Opening tax losses	-	
60	plus Current period tax losses	-	
61	less Utilised tax losses	-	
62	Closing tax losses		-
63	5a(vi): Calculation of Deferred Tax Balance		(\$000)
64			
65	Opening deferred tax	(19,014)	
66			
67	plus Tax effect of adjusted depreciation	3,832	
68			
69	less Tax effect of total tax depreciation	6,220	
70			
71	plus Tax effect of other temporary differences*	38	
72			
73	less Tax effect of amortisation of initial differences in asset values	1,155	
74			
75	plus Deferred tax balance relating to assets acquired in the disclosure year	-	
76			
77	less Deferred tax balance relating to assets disposed in the disclosure year	22	
78			
79	plus Deferred tax cost allocation adjustment	(4)	
80			
81	Closing deferred tax		(22,545)
82			
83	5a(vii): Disclosure of Temporary Differences		
84			
85	In Schedule 14, Box 9, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).		
86	5a(viii): Regulatory Tax Asset Base Roll-Forward		(\$000)
87			
88	Opening Sum of regulatory tax asset values	214,847	
89	less Tax depreciation	22,215	
90	plus Regulatory tax asset value of assets commissioned	23,830	
91	less Regulatory tax asset value of asset disposals	129	
92	plus Lost and found assets adjustment	-	
93	plus Other adjustments to the RAB tax value	43	
94	Closing sum of regulatory tax asset values		216,376

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.6 and 2.3.7 of the ID 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

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5b(i): Summary—Related Party Transactions

(\$000)

Total regulatory income	6,197
Operational expenditure	
Capital expenditure	
Market value of asset disposals	
Other related party transactions	

5b(ii): Entities Involved in Related Party Transactions

Name of related party	Related party relationship
Vector Gas Limited (gas wholesale)	A fully owned unregulated business unit of Vector Gas Limited.

** include additional rows if needed*

5b(iii): Related Party Transactions

Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
Vector Gas Limited (gas wholesale)	Sales	Sold distribution services	6,197	Clause 2.3.7 (2) (a) - price received by the GDB as more than 50% of the GDB's sales are to third parties who receive substantially the same terms, including price, as the related party.
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
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	[Select one]			
	[Select one]			

** include additional rows if needed*

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. 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

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5c(i): Qualifying Debt (may be Commission only)

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Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Cost of executing an interest rate swap	Debt issue cost readjustment
Senior bonds – fixed coupon	27-May-09	27-May-09	5.4	7.8	150,000	150,408	[]VCI	[]VCI	[]VCI
Capital bonds – fixed coupon	15-Jun-12	14-Jun-12	5.0	7	262,651	262,316	[]VCI	[]VCI	[]VCI
Floating rate notes	4-Apr-07	4-Apr-07	10	BKBM+ []VCI	200,000		[]VCI	[]VCI	[]VCI
	26-Oct-05	26-Oct-05	10	BKBM + []VCI	250,000		[]VCI	[]VCI	[]VCI
	26-Oct-05	26-Oct-05	12	BKBM + []VCI	400,000		[]VCI	[]VCI	[]VCI
	26-Oct-05	26-Oct-05	15	BKBM + []VCI	350,000		[]VCI	[]VCI	[]VCI
Subtotal of floating rate notes					1,200,000	1,154,414			
Medium term notes – GBP fixed rate	11-Apr-08	8-Apr-08	10.8	7.625	285,614	222,154	[]VCI	[]VCI	[]VCI
Senior notes - USD fixed rate	16-Sep-04	19-Jul-04	12	5.51	98,875		[]VCI	[]VCI	[]VCI
Senior notes - USD fixed rate	16-Sep-04	19-Jul-04	15	5.75	296,623		[]VCI	[]VCI	[]VCI
Senior notes - USD fixed rate	20-Dec-10	22-Sep-10	12	[]VCI	250,516		[]VCI	[]VCI	[]VCI
Subtotal of senior notes - USD fixed rate					646,014	551,361			
Bank loans	3-Feb-12	3-Feb-12	3	BKBM + []VCI					
	3-Feb-12	3-Feb-12	3	BKBM + []VCI					
	17-Dec-13	17-Dec-13	3	BKBM + []VCI					
Subtotal of bank loans						99,797			
Working capital and other loans	17-Dec-13	17-Dec-13	3	BKBM + []VCI					
	17-Dec-13	17-Dec-13	3	BKBM + []VCI					
	17-Dec-13	17-Dec-13	3	BKBM + []VCI					
Subtotal of working capital and other						28,538			
<i>* include additional rows if needed</i>						2,468,988	[]VCI	[]VCI	[]VCI

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5c(ii): Attribution of Term Credit Spread Differential

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Gross term credit spread differential		1,106
Total book value of interest bearing debt	2,420,430	
Leverage	44%	
Average opening and closing RAB values	475,516	
Attribution Rate (%)		9%
Term credit spread differential allowance		96

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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)			
		Arm's length deduction	Gas distribution services	Non-gas distribution services	Total
5d(i): Operating Cost Allocations					
Service interruptions, incidents and emergencies					
	Directly attributable		3,732		
	Not directly attributable				
	Total attributable to regulated service		3,732		
Routine and corrective maintenance and inspection					
	Directly attributable		3,782		
	Not directly attributable				
	Total attributable to regulated service		3,782		
Asset replacement and renewal					
	Directly attributable				
	Not directly attributable				
	Total attributable to regulated service				
System operations and network support					
	Directly attributable		1,941		
	Not directly attributable		714	3,920	4,634
	Total attributable to regulated service		2,655		
Business support					
	Directly attributable		165		
	Not directly attributable		6,132	39,093	45,225
	Total attributable to regulated service		6,297		
	Operating costs directly attributable		9,620		
	Operating costs not directly attributable		6,846	43,013	49,859
	Operating expenditure		16,466		

5d(ii): Other Cost Allocations					
Pass through and recoverable costs					
Pass through costs					
	Directly attributable		2,417		
	Not directly attributable				
	Total attributable to regulated service		2,417		
Recoverable costs					
	Directly attributable				
	Not directly attributable				
	Total attributable to regulated service				

(\$000)

		CY-1		Current Year (CY)	
		30 Jun 13	30 Jun 14	30 Jun 13	30 Jun 14
5d(iii): Changes in Cost Allocations* †					
Change in cost allocation 1					
	Cost category				
	Original allocator or line items				
	New allocator or line items				
	Rationale for change				
Change in cost allocation 2					
	Cost category				
	Original allocator or line items				
	New allocator or line items				
	Rationale for change				
Change in cost allocation 3					
	Cost category				
	Original allocator or line items				
	New allocator or line items				
	Rationale for change				

* 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.
 † include additional rows if needed

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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	Main pipe	
11	Directly attributable	381,370
12	Not directly attributable	-
13	Total attributable to regulated service	381,370
14	Service pipe	
15	Directly attributable	70,446
16	Not directly attributable	-
17	Total attributable to regulated service	70,446
18	Stations	
19	Directly attributable	6,464
20	Not directly attributable	-
21	Total attributable to regulated service	6,464
22	Line valve	
23	Directly attributable	3,929
24	Not directly attributable	-
25	Total attributable to regulated service	3,929
26	Special crossings	
27	Directly attributable	4,757
28	Not directly attributable	-
29	Total attributable to regulated service	4,757
30	Other network assets	
31	Directly attributable	11,485
32	Not directly attributable	-
33	Total attributable to regulated service	11,485
34	Non-network assets	
35	Directly attributable	1,278
36	Not directly attributable	3,844
37	Total attributable to regulated service	5,122
39	Regulated service asset value directly attributable	479,729
40	Regulated service asset value not directly attributable	3,844
41	Total closing RAB value	483,573

5e(ii): Changes in Asset Allocations* †		(\$000)	
		CY-1 30 Jun 13	Current Year (CY) 30 Jun 14
Change in asset value allocation 1			
54	Asset category		
55	Original allocator or line items		
56	New allocator or line items		
57			
58	Rationale for change		
59			
Change in asset value allocation 2			
61	Asset category		
62	Original allocator or line items		
63	New allocator or line items		
64			
65	Rationale for change		
66			
Change in asset value allocation 3			
68	Asset category		
69	Original allocator or line items		
70	New allocator or line items		
71			
72	Rationale for change		
73			

* a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.
 † include additional rows if needed

Company Name **Vector - gas distribution business**

For Year Ended **30 June 2014**

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	6a(i): Expenditure on Assets		
8	Consumer connection		16,316
9	System growth		1,432
10	Asset replacement and renewal		9,686
11	Asset relocations		2,294
12	Reliability, safety and environment:		
13	Quality of supply	654	
14	Legislative and regulatory	-	
15	Other reliability, safety and environment	838	
16	Total reliability, safety and environment		1,492
17	Expenditure on network assets		31,221
18	Non-network assets		1,300
19			
20	Expenditure on assets		32,521
21	plus Cost of financing		113
22	less Value of capital contributions		4,217
23	plus Value of vested assets		-
24			
25	Capital expenditure		28,417
26	6a(ii): Subcomponents of Expenditure on Assets (where known)		(\$000)
27	Research and development		-
28	6a(iii): Consumer Connection		
29	<i>Consumer types defined by GDB*</i>	(\$000)	(\$000)
30	Mains Extensions/Subdivisions	8,660	
31	Service Connections - Residential	6,510	
32	Service Connections - Commercial	1,145	
33	Customer Easements	1	
34		-	
35	<i>* include additional rows if needed</i>		
36	Consumer connection expenditure		16,316
37			
38	less Capital contributions funding consumer connection expenditure	1,832	
39	Consumer connection less capital contributions		14,485

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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

		System Growth (\$000)	Asset Replacement and Renewal (\$000)
47	6a(iv): System Growth and Asset Replacement and Renewal		
48			
49			
50	Intermediate pressure		
51	Main pipe	-	-
52	Service pipe	-	-
53	Stations	698	936
54	Line valve	83	90
55	Special crossings	-	4
56	Intermediate pressure -total	781	1,030
57	Medium pressure		
58	Main pipe	651	7,462
59	Service pipe	-	164
60	Stations	-	56
61	Line valve	-	-
62	Special crossings	-	113
63	Medium pressure - total	651	7,795
64	Low pressure		
65	Main pipe	-	-
66	Service pipe	-	-
67	Line valve	-	-
68	Special crossings	-	-
69	Low pressure - total	-	-
70	Other network assets		
71	Monitoring and control systems	-	96
72	Cathodic protection systems	-	462
73	Other	-	303
74	Other network assets - total	-	861
75			
76	System growth and asset replacement and renewal expenditure	1,432	9,686
77	less Capital contributions funding system growth and asset replacement and renewal		
78	System growth and asset replacement and renewal less capital contributions	1,432	9,686
79	6a(v): Asset Relocations		
80	Project or programme*	(\$000)	(\$000)
81	Waterview Connection	566	
82	[Description of material project or programme]		
83	[Description of material project or programme]		
84	[Description of material project or programme]		
85	[Description of material project or programme]		
86	* include additional rows if needed		
87	All other asset relocations projects or programmes	1,728	
88	Asset relocations expenditure		2,294
89	less Capital contributions funding asset relocations	2,385	
90	Asset relocations less capital contributions		(91)
91	6a(vi): Quality of Supply		
92	Project or programme*	(\$000)	(\$000)
93	[Description of material project or programme]	-	
94	[Description of material project or programme]	-	
95	[Description of material project or programme]	-	
96	[Description of material project or programme]	-	
97	[Description of material project or programme]	-	
98	* include additional rows if needed		
99	All other quality of supply projects or programmes	654	
100	Quality of supply expenditure		654
101	less Capital contributions funding quality of supply		
102	Quality of supply less capital contributions		654

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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

110	6a(vii): Legislative and Regulatory		
111	Project or programme*	(\$000)	(\$000)
112	[Description of material project or programme]	-	-
113	[Description of material project or programme]	-	-
114	[Description of material project or programme]	-	-
115	[Description of material project or programme]	-	-
116	[Description of material project or programme]	-	-
117	* include additional rows if needed		
118	All other legislative and regulatory projects or programmes	-	-
119	Legislative and regulatory expenditure		-
120	less Capital contributions funding legislative and regulatory	-	-
121	Legislative and regulatory less capital contributions		-
122			
123	6a(viii): Other Reliability, Safety and Environment		
124	Project or programme*	(\$000)	(\$000)
125	Tuhikaramea Rd: IP pipeline protection HM	609	-
126	[Description of material project or programme]	-	-
127	[Description of material project or programme]	-	-
128	[Description of material project or programme]	-	-
129	[Description of material project or programme]	-	-
130	* include additional rows if needed		
131	All other reliability, safety and environment projects or programmes	229	-
132	Other reliability, safety and environment expenditure		838
133	less Capital contributions funding other reliability, safety and environment	-	-
134	Other reliability, safety and environment less capital contributions		838
135	6a(ix): Non-Network Assets		
136	Routine expenditure		
137	Project or programme*	(\$000)	(\$000)
138	[Description of material project or programme]	-	-
139	[Description of material project or programme]	-	-
140	[Description of material project or programme]	-	-
141	[Description of material project or programme]	-	-
142	[Description of material project or programme]	-	-
143	* include additional rows if needed		
144	All other routine expenditure projects or programmes	294	-
145	Routine expenditure		294
146	Atypical expenditure		
147	Project or programme*	(\$000)	(\$000)
148	[Description of material project or programme]	-	-
149	[Description of material project or programme]	-	-
150	[Description of material project or programme]	-	-
151	[Description of material project or programme]	-	-
152	[Description of material project or programme]	-	-
153	* include additional rows if needed		
154	All other atypical expenditure projects or programmes	1,006	-
155	Atypical expenditure		1,006
156			
157	Non-network assets expenditure		1,300

Company Name

Vector - gas distribution business

For Year Ended

30 June 2014

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

This schedule requires a breakdown of operating 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 operating 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	6b(i): Operational Expenditure		
8	Service interruptions, incidents and emergencies	3,732	
9	Routine and corrective maintenance and inspection	3,782	
10	Asset replacement and renewal	-	
11	Network opex		7,514
12	System operations and network support	2,655	
13	Business support	6,297	
14	Non-network opex		8,952
15			
16	Operational expenditure		16,466
17	6b(ii): Subcomponents of Operational Expenditure (where known)		
18	Research and development		-
19	Insurance		224

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**

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

7(i): Revenue		Target (\$000) ¹	Actual (\$000)	% variance
8				
9	Line charge revenue	69,155	74,664	8%
7(ii): Expenditure on Assets		Forecast (\$000) ²	Actual (\$000)	% variance
10				
11	Consumer connection	10,446	16,316	56%
12	System growth	3,689	1,432	(61%)
13	Asset replacement and renewal	12,858	9,686	(25%)
14	Asset relocations	4,006	2,294	(43%)
15	Reliability, safety and environment:			
16	Quality of supply	613	654	7%
17	Legislative and regulatory	-	-	-
18	Other reliability, safety and environment	-	838	-
19	Total reliability, safety and environment	613	1,492	143%
	Expenditure on network assets	31,612	31,221	(1%)
21	Non-network capex	1,708	1,300	(24%)
22	Expenditure on assets	33,320	32,521	(2%)
7(iii): Operational Expenditure				
23				
24	Service interruptions, incidents and emergencies	4,149	3,732	(10%)
25	Routine and corrective maintenance and inspection	4,704	3,782	(20%)
26	Asset replacement and renewal	-	-	-
27	Network opex	8,853	7,514	(15%)
28	System operations and network support	4,146	2,655	(36%)
29	Business support	8,210	6,297	(23%)
30	Non-network opex	12,356	8,952	(28%)
31	Operational expenditure	21,209	16,466	(22%)
7(iv): Subcomponents of Expenditure on Assets (where known)				
32				
33	Research and development	-	-	-
7(v): Subcomponents of Operational Expenditure (where known)				
34				
35	Research and development	-	-	-
36	Insurance	239	224	(6%)

1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of the Determination

2 From the nominal dollar expenditure forecast and disclosed in the second to last AMP as the year CY+1 forecast

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-Network Name	Combined

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(i): Billed quantities by price component

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 to ICPs (TJ per annum) in disclosure year
GA0R	Residential	Standard	88,046	2,119
GA01	Commercial	Standard	2,236	213
GA02	Commercial	Standard	2,460	790
GA03	Commercial	Standard	869	1,774
GA04	Commercial	Standard	140	1,898
GN0R	Residential	Standard	60,452	1,252
GN01	Commercial	Standard	2,118	161
GN02	Commercial	Standard	1,348	406
GN03	Commercial	Standard	509	843
GN04	Commercial	Standard	64	999
Non-standard	Commercial	Non-standard	92	11,287
Standard consumer totals			158,242	10,455
Non-standard consumer totals			92	11,287
Total for all consumers			158,334	21,742

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

Billed quantities by price component

Price component	Fixed	Variable			
Unit charging basis (eg, days, GJ, etc.)	Days	kWh			
	32,105,913	588,524,914			
	813,582	59,174,239			
	897,885	219,396,528			
	316,432	492,904,167			
	51,089	527,206,493			
	22,037,837	347,827,104			
	772,691	44,762,007			
	491,468	112,835,628			
	185,799	234,100,965			
	23,289	277,463,987			
	31,824	3,135,410,638			
	57,695,985	2,904,196,032	-	-	-
	31,824	3,135,410,638	-	-	-
	57,727,809	6,039,606,670	-	-	-

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

8(ii): Line charge revenues (\$000) by price component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone (if applicable)
GA0R	Residential	Standard	\$25,755	
GA01	Commercial	Standard	\$1,578	
GA02	Commercial	Standard	\$4,254	
GA03	Commercial	Standard	\$6,493	
GA04	Commercial	Standard	\$4,432	
GN0R	Residential	Standard	\$15,942	
GN01	Commercial	Standard	\$1,247	
GN02	Commercial	Standard	\$2,316	
GN03	Commercial	Standard	\$3,698	
GN04	Commercial	Standard	\$2,176	
Non-standard	Commercial	Non-standard	\$6,772	
Standard consumer totals			\$67,892	-
Non-standard consumer totals			\$6,772	-
Total for all consumers			\$74,664	-

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

Line charge revenues (\$000) by price component

Price component	Fixed	Variable			
Rate (eg, \$/day, \$/GJ, etc.)	\$/Day	\$/kWh			
	\$9,485	\$16,270			
	\$389	\$1,189			
	\$927	\$3,327			
	\$1,258	\$5,235			
	\$621	\$3,812			
	\$6,350	\$9,592			
	\$355	\$892			
	\$392	\$1,924			
	\$696	\$3,003			
	\$273	\$1,904			
	\$5,059	\$1,713			
	\$20,745	\$47,147	-	-	-
	\$5,059	\$1,713	-	-	-
	\$25,804	\$48,860	-	-	-

Add extra columns for additional line charge revenues by price component as necessary

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**
 Network / Sub-Network Name **North Island**

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 ICs that are included in each consumer group or price category code, and the energy delivered to these ICs.

sch ref

8(i): Billed quantities by price component

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 ICs in disclosure year	Quantity of gas delivered to ICs (TJ per annum) in disclosure year	Unit charging basis (eg, days, GJ, etc.)	Billed quantities by price component			
						Fixed	Variable		
GNOR	Residential	Standard	60,452	1,252	Days	22,037,837	347,827,104		
GN01	Commercial	Standard	2,118	161	kWh	772,691	44,762,007		
GN02	Commercial	Standard	1,348	406		491,468	112,835,628		
GN03	Commercial	Standard	509	843		185,799	234,100,965		
GN04	Commercial	Standard	64	999		23,289	277,463,987		
Non-standard	Commercial	Non-standard	40	6,026		12,918	1,673,928,105		
Standard consumer totals						23,511,084	1,016,989,691	-	-
Non-standard consumer totals						12,918	1,673,928,105	-	-
Total for all consumers						23,524,002	2,690,917,796	-	-

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

8(ii): Line charge revenues (\$000) by price component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone (if applicable)	Rate (eg, \$/day, \$/GJ, etc.)	Line charge revenues (\$000) by price component			
						Fixed	Variable		
GNOR	Residential	Standard	\$15,942		\$/Day	\$6,350	\$9,592		
GN01	Commercial	Standard	\$1,247		\$/kWh	\$355	\$892		
GN02	Commercial	Standard	\$2,316			\$392	\$1,924		
GN03	Commercial	Standard	\$3,698			\$696	\$3,003		
GN04	Commercial	Standard	\$2,176			\$273	\$1,904		
Non-standard	Commercial	Non-standard	\$2,307			\$1,856	\$451		
Standard consumer totals						\$8,065	\$17,314	-	-
Non-standard consumer totals						\$1,856	\$451	-	-
Total for all consumers						\$9,921	\$17,766	-	-

Add extra columns for additional line charge revenues by price component as necessary

Company Name **Vector - gas distribution business**
 For Year Ended **30 June 2014**
 Network / Sub-Network Name **Auckland**

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 ICs that are included in each consumer group or price category code, and the energy delivered to these ICs.

sch ref

8(i): Billed quantities by price component

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 ICs in disclosure year	Quantity of gas delivered to ICs (TJ per annum) in disclosure year	Unit charging basis (eg, days, GJ, etc.)	Billed quantities by price component			
						Fixed	Variable		
GA0R	Residential	Standard	88,046	2,119	Days	32,105,913	588,524,914		
GA01	Commercial	Standard	2,236	213	kWh	813,582	59,174,239		
GA02	Commercial	Standard	2,460	790		897,885	219,396,528		
GA03	Commercial	Standard	869	1,774		316,432	492,904,167		
GA04	Commercial	Standard	140	1,898		51,089	527,206,493		
Non-standard	Commercial	Non-standard	52	5,261		18,906	1,461,482,533		
Standard consumer totals			93,751	6,794		34,184,901	1,887,206,341		
Non-standard consumer totals			52	5,261		18,906	1,461,482,533		
Total for all consumers			93,803	12,055		34,203,807	3,348,688,874		

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

8(ii): Line charge revenues (\$000) by price component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone (if applicable)	Rate (eg, \$/day, \$/GJ, etc.)	Line charge revenues (\$000) by price component			
						Fixed	Variable		
GA0R	Residential	Standard	\$25,755		\$/Day	\$9,485	\$16,270		
GA01	Commercial	Standard	\$1,578		\$/kWh	\$389	\$1,189		
GA02	Commercial	Standard	\$4,254			\$927	\$3,327		
GA03	Commercial	Standard	\$6,493			\$1,258	\$5,235		
GA04	Commercial	Standard	\$4,432			\$621	\$3,812		
Non-standard	Commercial	Non-standard	\$4,465			\$3,204	\$1,262		
Standard consumer totals			\$42,513			\$12,680	\$29,833		
Non-standard consumer totals			\$4,465			\$3,204	\$1,262		
Total for all consumers			\$46,978			\$15,883	\$31,094		

Add extra columns for additional line charge revenues by price component as necessary

Company Name **Vector - gas distribution business**

For Year Ended **30 June 2014**

Network / Sub-network Name **Combined**

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

					Items at start of	Items at end of		Data accuracy
				Units	year (quantity)	year (quantity)	Net change	(1-4)
8	Operating Pressure	Asset Category	Asset Class					
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	0 km	0 km	-	N/A
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	404 km	404 km	(0)	4
11	Intermediate Pressure	Main pipe	IP other main pipe	km	0 km	0 km	-	N/A
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	0 km	0 km	0	N/A
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	8 km	8 km	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	0 km	0 km	-	N/A
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	206	200	(6)	4
16	Intermediate Pressure	Line valve	IP line valves	No.	892	918	26	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	44	40	(4)	3
18	Medium Pressure	Main pipe	MP PE main pipe	km	6,257 km	6,362 km	106	4
19	Medium Pressure	Main pipe	MP steel main pipe	km	366 km	362 km	(4)	4
20	Medium Pressure	Main pipe	MP other main pipe	km	2 km	2 km	-	4
21	Medium Pressure	Service pipe	MP PE service pipe	km	3,279 km	3,343 km	64	3
22	Medium Pressure	Service pipe	MP steel service pipe	km	46 km	45 km	(2)	3
23	Medium Pressure	Service pipe	MP other service pipe	km	5 km	5 km	(0)	3
24	Medium Pressure	Stations	Medium pressure DRS	No.	284	246	(38)	4
25	Medium Pressure	Line valve	MP line valves	No.	3,858	3,895	37	3
26	Medium Pressure	Special crossings	MP special crossings	No.	102	121	19	3
27	Low Pressure	Main pipe	LP PE main pipe	km	48 km	43 km	(5)	3
28	Low Pressure	Main pipe	LP steel main pipe	km	11 km	6 km	(5)	3
29	Low Pressure	Main pipe	LP other main pipe	km	19 km	0 km	(18)	3
30	Low Pressure	Service pipe	LP PE service pipe	km	49 km	39 km	(10)	3
31	Low Pressure	Service pipe	LP steel service pipe	km	7 km	5 km	(3)	3
32	Low Pressure	Service pipe	LP other service pipe	km	0 km	0 km	(0)	3
33	Low Pressure	Line valve	LP line valves	No.	34	29	(5)	3
34	Low Pressure	Special crossings	LP special crossings	No.	1	0	(1)	3
35	All	Monitoring & control systems	Remote terminal units	No.	66	72	6	4
36	All	Cathodic protection systems	Cathodic protection	No.	54	54	-	3

Company Name **Vector - gas distribution business**

For Year Ended **30 June 2014**

Network / Sub-network Name **North Island**

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

					Items at start of	Items at end of	Net change	Data accuracy
				Units	year (quantity)	year (quantity)		(1-4)
8	Operating Pressure	Asset Category	Asset Class					
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	0 km	0 km	-	N/A
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	194 km	193 km	(1)	4
11	Intermediate Pressure	Main pipe	IP other main pipe	km	0 km	0 km	-	N/A
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	0 km	0 km	-	N/A
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	2 km	2 km	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	0 km	0 km	-	N/A
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	112	109	(3)	4
16	Intermediate Pressure	Line valve	IP line valves	No.	227	235	8	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	25	22	(3)	3
18	Medium Pressure	Main pipe	MP PE main pipe	km	2,982 km	3,023 km	41	4
19	Medium Pressure	Main pipe	MP steel main pipe	km	152 km	149 km	(3)	4
20	Medium Pressure	Main pipe	MP other main pipe	km	0 km	0 km	-	4
21	Medium Pressure	Service pipe	MP PE service pipe	km	1,339 km	1,358 km	19	3
22	Medium Pressure	Service pipe	MP steel service pipe	km	17 km	16 km	(1)	3
23	Medium Pressure	Service pipe	MP other service pipe	km	1 km	1 km	(0)	3
24	Medium Pressure	Stations	Medium pressure DRS	No.	25	26	1	4
25	Medium Pressure	Line valve	MP line valves	No.	1,085	1,109	24	3
26	Medium Pressure	Special crossings	MP special crossings	No.	46	58	12	3
27	Low Pressure	Main pipe	LP PE main pipe	km	42 km	42 km	(0)	3
28	Low Pressure	Main pipe	LP steel main pipe	km	8 km	6 km	(2)	3
29	Low Pressure	Main pipe	LP other main pipe	km	0 km	0 km	(0)	3
30	Low Pressure	Service pipe	LP PE service pipe	km	36 km	36 km	(1)	3
31	Low Pressure	Service pipe	LP steel service pipe	km	2 km	2 km	(0)	3
32	Low Pressure	Service pipe	LP other service pipe	km	0 km	0 km	-	3
33	Low Pressure	Line valve	LP line valves	No.	12	14	2	3
34	Low Pressure	Special crossings	LP special crossings	No.	0	0	-	3
35	All	Monitoring & control systems	Remote terminal units	No.	1	4	3	4
36	All	Cathodic protection systems	Cathodic protection	No.	39	39	-	3

Company Name **Vector - gas distribution business**

For Year Ended **30 June 2014**

Network / Sub-network Name **Auckland**

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

					Items at start of	Items at end of		Data accuracy
				Units	year (quantity)	year (quantity)	Net change	(1-4)
8	Operating Pressure	Asset Category	Asset Class					
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	0 km	0 km	-	N/A
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	210 km	210 km	1	4
11	Intermediate Pressure	Main pipe	IP other main pipe	km	0 km	0 km	-	N/A
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	0 km	0 km	0	N/A
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	6 km	6 km	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	0 km	0 km	-	N/A
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	94	91	(3)	4
16	Intermediate Pressure	Line valve	IP line valves	No.	665	683	18	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	19	18	(1)	3
18	Medium Pressure	Main pipe	MP PE main pipe	km	3,275 km	3,340 km	65	4
19	Medium Pressure	Main pipe	MP steel main pipe	km	214 km	213 km	(1)	4
20	Medium Pressure	Main pipe	MP other main pipe	km	2 km	2 km	-	4
21	Medium Pressure	Service pipe	MP PE service pipe	km	1,940 km	1,985 km	45	3
22	Medium Pressure	Service pipe	MP steel service pipe	km	30 km	29 km	(1)	3
23	Medium Pressure	Service pipe	MP other service pipe	km	4 km	4 km	(0)	3
24	Medium Pressure	Stations	Medium pressure DRS	No.	259	220	(39)	4
25	Medium Pressure	Line valve	MP line valves	No.	2,773	2,786	13	3
26	Medium Pressure	Special crossings	MP special crossings	No.	56	63	7	3
27	Low Pressure	Main pipe	LP PE main pipe	km	5 km	0 km	(5)	3
28	Low Pressure	Main pipe	LP steel main pipe	km	3 km	0 km	(3)	3
29	Low Pressure	Main pipe	LP other main pipe	km	19 km	0 km	(18)	3
30	Low Pressure	Service pipe	LP PE service pipe	km	13 km	3 km	(10)	3
31	Low Pressure	Service pipe	LP steel service pipe	km	5 km	3 km	(2)	3
32	Low Pressure	Service pipe	LP other service pipe	km	0 km	0 km	(0)	3
33	Low Pressure	Line valve	LP line valves	No.	22	15	(7)	3
34	Low Pressure	Special crossings	LP special crossings	No.	1	0	(1)	3
35	All	Monitoring & control systems	Remote terminal units	No.	65	68	3	4
36	All	Cathodic protection systems	Cathodic protection	No.	15	15	-	3

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-network Name	North Island

SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network, by asset category and asset class.

sch ref

8		Disclosure Year (year ended)		30 June 2014		Number of assets at disclosure year end by installation date																				Total								
9		Operating Pressure	Asset Category	Asset Class	Units	pre-1970	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	No. with age unknown	assets at year end	No. with default dates	Data accuracy (1-4)			
10	Intermediate Pressure	Main pipe	IP PE main pipe	km	1 km	16 km	1 km	79 km	69 km	10 km	15 km		0 km	0 km	0 km	0 km	1 km		0 km	0 km	0 km	0 km	0 km	1 km	0 km	0 km	0 km	193		3	N/A			
11	Intermediate Pressure	Main pipe	IP steel main pipe	km																											3	N/A		
12	Intermediate Pressure	Main pipe	IP other main pipe	km																											3	N/A		
13	Intermediate Pressure	Service pipe	IP PE service pipe	km																											3	N/A		
14	Intermediate Pressure	Service pipe	IP steel service pipe	km		0 km			1 km	0 km	0 km												0 km								2	3		
15	Intermediate Pressure	Service pipe	IP other service pipe	km																												2	3	
16	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	1	1	1	33	39	11	3		2	2		4	1					2	1	3		1	3				2	2		
17	Intermediate Pressure	Line valve	IP line valves	No.		13	4	48	74	23	10	3	2	1	1	6	8	2	6	4	1	1	5	11	3	9					235	2	2	
18	Intermediate Pressure	Special crossings	IP crossings	No.		1		9	7	1	3						1														22	3	3	
19	Medium Pressure	Main pipe	MP PE main pipe	km	0 km	22 km	152 km	187 km	713 km	539 km	525 km	98 km	61 km	68 km	73 km	92 km	96 km	59 km	68 km	75 km	37 km	23 km	17 km	25 km	49 km	44 km	1 km	3,023			3	3		
20	Medium Pressure	Main pipe	MP steel main pipe	km	7 km	92 km	30 km	16 km	5 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	149	3	3
21	Medium Pressure	Main pipe	MP other main pipe	km																			0 km									0	3	3
22	Medium Pressure	Service pipe	MP PE service pipe	km	0 km	20 km	96 km	67 km	173 km	223 km	254 km	64 km	47 km	42 km	48 km	48 km	41 km	42 km	38 km	33 km	20 km	20 km	20 km	17 km	21 km	24 km	0 km	1,358			3	3		
23	Medium Pressure	Service pipe	MP steel service pipe	km	0 km	13 km	1 km	1 km	0 km	0 km	0 km					0 km	0 km		0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	16	3	3
24	Medium Pressure	Service pipe	MP other service pipe	km		1 km	0 km			0 km			0 km										0 km				0 km	0 km	0 km	0 km	1	3	3	
25	Medium Pressure	Stations	Medium pressure DRS	No.		4	1	2	1	1	2						1					1	2	2	7	1	1	26			3	3		
26	Medium Pressure	Line valve	MP line valves	No.	11	194	122	258	148	49	58	11	8	28	12	18	25	2	13	11	15	14	15	32	27	27	11	1,109			27	2		
27	Medium Pressure	Special crossings	MP special crossings	No.				9	26	8	7	2	1			1						1	1			1	1	58			3	3		
28	Low Pressure	Main pipe	LP PE main pipe	km		2 km	21 km	2 km	3 km	4 km	2 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	5 km	0 km	0 km	0 km	0 km	42	3	3	
29	Low Pressure	Main pipe	LP steel main pipe	km	1 km	4 km	1 km	0 km		0 km																	0 km	6			3	3		
30	Low Pressure	Main pipe	LP other main pipe	km																													2	2
31	Low Pressure	Service pipe	LP PE service pipe	km	0 km	2 km	9 km	5 km	3 km	4 km	4 km	0 km	1 km	0 km	0 km	0 km	0 km	0 km	0 km	1 km	1 km	0 km	0 km	1 km	2 km	1 km	0 km	36			3	3		
32	Low Pressure	Service pipe	LP steel service pipe	km	0 km	2 km	0 km	0 km																				2				3	3	
33	Low Pressure	Service pipe	LP other service pipe	km																														N/A
34	Low Pressure	Line valve	LP line valves	No.				2		1															6	2	3	14				2	2	
35	Low Pressure	Special crossings	LP special crossings	No.																														N/A
36	All	Monitoring & control systems	Remote terminal units	No.																						1	3					4	4	
37	All	Cathodic protection systems	Cathodic protection	No.		1		6	18	8	1	1									1			1	2			39				3	3	

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-network Name	Auckland

SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network, by asset category and asset class.

sch ref		Disclosure Year (year ended)		Number of assets at disclosure year end by installation date																								Total						
8		30 June 2014		pre-1970	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	No. with age unknown	assets at year end	No. with default dates	Data accuracy (1-4)					
9	Operating Pressure	Asset Category	Asset Class	Units																														
10	Intermediate Pressure	Main pipe	IP PE main pipe	km	47 km	14 km	4 km	16 km	52 km	13 km	35 km	25 km	0 km	1 km	0 km		0 km	1 km	1 km	0 km	0 km	0 km	0 km	1 km	0 km	1 km		210		3	N/A			
11	Intermediate Pressure	Main pipe	IP steel main pipe	km																											3	N/A		
12	Intermediate Pressure	Main pipe	IP other main pipe	km																											3	N/A		
13	Intermediate Pressure	Service pipe	IP PE service pipe	km																											3	N/A		
14	Intermediate Pressure	Service pipe	IP steel service pipe	km	0 km	0 km	0 km	0 km	2 km	2 km	2 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	6		3	N/A
15	Intermediate Pressure	Service pipe	IP other service pipe	km																														
16	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	6	2	7	7	2	3	53	1	2	1			1			1			1	2				91		2	2			
17	Intermediate Pressure	Line valve	IP line valves	No.	62	39	18	65	185	101	65	15	8	4	5	2	6	6	4	7	4	9	6	9	8	25		30	683		2	2		
18	Intermediate Pressure	Special crossings	IP crossings	No.	3			1	7		3	1							1				1						18		3	3		
19	Medium Pressure	Main pipe	MP PE main pipe	km	13 km	3 km	17 km	61 km	176 km	509 km	1,387 km	149 km	87 km	56 km	119 km	83 km	94 km	117 km	91 km	57 km	36 km	40 km	55 km	51 km	69 km	67 km		3 km	3,340		3	3		
20	Medium Pressure	Main pipe	MP steel main pipe	km	11 km	24 km	14 km	76 km	75 km	5 km	5 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km		0 km	213		3	3	
21	Medium Pressure	Main pipe	MP other main pipe	km	1 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km		0 km	2		3	3	
22	Medium Pressure	Service pipe	MP PE service pipe	km	4 km	1 km	2 km	6 km	62 km	327 km	658 km	84 km	52 km	55 km	75 km	90 km	75 km	76 km	71 km	58 km	35 km	42 km	61 km	50 km	51 km	48 km		1 km	1,985		3	3		
23	Medium Pressure	Service pipe	MP steel service pipe	km	2 km	1 km	2 km	7 km	7 km	4 km	5 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km		0 km	29		3	3	
24	Medium Pressure	Service pipe	MP other service pipe	km	0 km	0 km	0 km	3 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km		0 km	4		3	3	
25	Medium Pressure	Stations	Medium pressure DRS	No.	1	2	2	8	42	92	38	4		1	10	4	6	2	1	1			1	2	1			1	220		3	3		
26	Medium Pressure	Line valve	MP line valves	No.	46	95	104	667	671	429	242	41	36	15	20	21	39	40	26	27	31	12	34	27	43	40		80	2,786		2	2		
27	Medium Pressure	Special crossings	MP special crossings	No.		1	2	8	12	9	13	5					3	1	2			3	2		2			63		3	3			
28	Low Pressure	Main pipe	LP PE main pipe	km		0 km		0 km	0 km	0 km	0 km							0 km	0 km										0		3	3		
29	Low Pressure	Main pipe	LP steel main pipe	km	0 km			0 km															0 km					0 km	0		3	3		
30	Low Pressure	Main pipe	LP other main pipe	km	0 km																0 km		0 km					0 km	0		2	2		
31	Low Pressure	Service pipe	LP PE service pipe	km	0 km	0 km	0 km	0 km	1 km	1 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km					0 km		3		3	3		
32	Low Pressure	Service pipe	LP steel service pipe	km	1 km	0 km	0 km	1 km	1 km	0 km	0 km						0 km											0 km	0		3	3		
33	Low Pressure	Service pipe	LP other service pipe	km			0 km		0 km																								3	
34	Low Pressure	Line valve	LP line valves	No.		2		4	3	3				1									2						15		2	2		
35	Low Pressure	Special crossings	LP special crossings	No.																													4	
36	All	Monitoring & control systems	Remote terminal units	No.						32	1	1	1			4	1	19	3	2			1									68	4	
37	All	Cathodic protection systems	Cathodic protection	No.	1	1	2	4	3			2	1																				15	3

Company Name

Vector - gas distribution business

For Year Ended

30 June 2014

Network / Sub-network Name

Combined

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)

Length of pipeline by material (defined by GDB)

Length (km)

%

STEEL	829	7.8%
PE	9,787	92.1%
OTHER	7	0.1%
		-
		-
		-
Total length of pipeline	10,623	100.0%

By operating pressure:

	Pipe length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed for Persons not involved in the GDB (TJ)
Intermediate pressure	412 km	129.0	220	5,713
Medium pressure	10,119 km	36.3	152,184	11,050
Low pressure	93 km	38.6	7,334	349
Total	10,623	40	159,738	17,112

Company Name

Vector - gas distribution business

For Year Ended

30 June 2014

Network / Sub-network Name

North Island

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)

Length of pipeline by material (defined by GDB)

Length (km)

%

STEEL	368	7.6%
PE	4,458	92.4%
OTHER	1	0.0%
		-
		-
		-
Total length of pipeline	4,827	100.0%

By operating pressure:

	Pipe length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed for Persons not involved in the GDB (TJ)
Intermediate pressure	195 km	85.8	38	2,886
Medium pressure	4,546 km	35.3	62,987	3,673
Low pressure	86 km	38.0	1,892	60
Total	4,827	37	64,917	6,618

Company Name

Vector - gas distribution business

For Year Ended

30 June 2014

Network / Sub-network Name

Auckland

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)

Length of pipeline by material (defined by GDB)

Length (km)

%

STEEL	461	8.0%
PE	5,328	91.9%
OTHER	6	0.1%
		-
		-
		-
Total length of pipeline	5,795	100.0%

By operating pressure:

	Pipe length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed for Persons not involved in the GDB (TJ)
Intermediate pressure	217 km	167.8	182	2,828
Medium pressure	5,572 km	37.2	89,197	7,378
Low pressure	6 km	46.5	5,442	289
Total	5,795	42	94,821	10,494

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-network Name	combined

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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9d(i): Consumer Connections

Number of ICPs connected in year by consumer type

Consumer types defined by GDB	Number of connections (ICPs)
Residential	3,764
Commercial	282
Total	4,046

9d(ii): Gas Delivered

Number of ICPs at year end	159,738	connections
Maximum daily load	85,392	(GJ/day)
Maximum monthly load	2,150,228	(GJ/month)
Number of directly billed ICPs	1	(at year end)
Total gas conveyed	21,934,671	(GJ/annum)
Average daily delivery	60,095	(GJ/day)
Maximum monthly amount of gas entering network (GJ/month)	2,150,228	
Load factor	85.01%	

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-network Name	North Island

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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9d(i): Consumer Connections

Number of ICPs connected in year by consumer type

Consumer types defined by GDB	Number of connections (ICPs)
Residential	1,332
Commercial	102
Total	1,434

9d(ii): Gas Delivered

Number of ICPs at year end	64,917	connections
Maximum daily load	38,331	(GJ/day)
Maximum monthly load	979,954	(GJ/month)
Number of directly billed ICPs	-	(at year end)
Total gas conveyed	9,724,950	(GJ/annum)
Average daily delivery	26,644	(GJ/day)
Maximum monthly amount of gas entering network (GJ/month)	979,954	
Load factor	82.70%	

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-network Name	Auckland

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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9d(i): Consumer Connections

Number of ICPs connected in year by consumer type

Consumer types defined by GDB	Number of connections (ICPs)
Residential	2,432
Commercial	180
Total	2,612

9d(ii): Gas Delivered

Number of ICPs at year end	94,821	connections
Maximum daily load	51,834	(GJ/day)
Maximum monthly load	1,277,932	(GJ/month)
Number of directly billed ICPs	1	(at year end)
Total gas conveyed	12,209,721	(GJ/annum)
Average daily delivery	33,451	(GJ/day)
Maximum monthly amount of gas entering network (GJ/month)	1,277,932	
Load factor	79.62%	

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-network Name	Combined

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)	1,529
Class C (unplanned interruptions on the network)	111
Class D (unplanned interruptions by GTB)	-
Class I (unplanned interruptions caused by third party damage)	435
Total	2,075

Number of unplanned outage events (interruptions that affect more than 5 ICPs)		Actual
Vector Region		10

Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)		Actual
Vector Region		7

10a(ii): Reliability

Overall reliability

	SAIDI	SAIFI	CAIDI
Based on the total number of interruptions	4,700	21.6	218
Class I (unplanned interruptions caused by third party damage)	2,100	7.30	288

Class B (planned interruptions on the network)		SAIDI	SAIFI	CAIDI
Vector Region		2,460	13.4	184
				-
				-
				-

Class C (unplanned interruptions on the network)		SAIDI	SAIFI	CAIDI
Vector Region		98.3	0.985	100
				-
				-
				-

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-network Name	North Island

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)	873
Class C (unplanned interruptions on the network)	63
Class D (unplanned interruptions by GTB)	-
Class I (unplanned interruptions caused by third party damage)	197
Total	1,133

Number of unplanned outage events (interruptions that affect more than 5 ICPs)		Actual
North Island Regions		5

Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)		Actual
North Island Regions		2

10a(ii): Reliability

Overall reliability

	SAIDI	SAIFI	CAIDI
Based on the total number of interruptions	6,960	30.7	227
Class I (unplanned interruptions caused by third party damage)	4,400	12.7	346

Class B (planned interruptions on the network)		SAIDI	SAIFI	CAIDI
North Island Regions		2,430	16.4	148
				-
				-
				-

Class C (unplanned interruptions on the network)		SAIDI	SAIFI	CAIDI
North Island Regions		176	1.55	114
				-
				-
				-

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-network Name	Auckland

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)	656
Class C (unplanned interruptions on the network)	48
Class D (unplanned interruptions by GTB)	-
Class I (unplanned interruptions caused by third party damage)	238
Total	942

Number of unplanned outage events (interruptions that affect more than 5 ICPs)		Actual
Auckland Region		5

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

10a(ii): Reliability

Overall reliability

	SAIDI	SAIFI	CAIDI
Based on the total number of interruptions	3,140	15.4	204
Class I (unplanned interruptions caused by third party damage)	620	3.59	173

Class B (planned interruptions on the network)		SAIDI	SAIFI	CAIDI
Auckland Region		2,470	11.2	221
				-
				-
				-

Class C (unplanned interruptions on the network)		SAIDI	SAIFI	CAIDI
Auckland Region		44.6	0.597	75
				-
				-
				-

Company Name	Vector - gas distribution business
For Year Ended	30 June 2014
Network / Sub-network Name	Combined

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

8 **10b(i): System Condition and Integrity**

9 **Number of confirmed public reported gas escapes / total length of pipeline (escapes/1000 km)** Actual

10 Vector Region	46.0
11	
12	
13	
14	

15 **Number of leaks detected by routine survey / total length of pipeline (leaks/1000 km)** Actual

16 Vector Region	0.9
17	
18	
19	
20	

21 **Number of third party damage events / total length of pipeline (events/1000 km)** Actual

22 Vector Region	60.8
23	
24	
25	
26	

27 **Number of poor pressure events due to network causes** Actual

28 Vector Region	6
29	
30	
31	
32	
33	

34 **Number of telephone calls to emergency numbers answered within 30 seconds / total number of calls** Actual

35 Vector Region	91.67%
36	
37	
38	
39	

40 **Product control—safety of distribution gas** Actual

41 Number of non-compliant odour tests 5

42 **10b(ii): Consumer Service**

43 **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
44 Vector Region	91.2%	100.0%	0.6	182
45				
46				
47				
48				

49 **Number of complaints** Actual

50 Number of complaints per average total consumer numbers 0.0018

Company Name **Vector - gas distribution business**

For Year Ended **30 June 2014**

Network / Sub-network Name **North Island Network**

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

8 **10b(i): System Condition and Integrity**

9 **Number of confirmed public reported gas escapes / total length of pipeline (escapes/1000 km)** Actual

10 North Island Regions	52.1
11	
12	
13	
14	

15 **Number of leaks detected by routine survey / total length of pipeline (leaks/1000 km)** Actual

16 North Island Regions	0.2
17	
18	
19	
20	

21 **Number of third party damage events / total length of pipeline (events/1000 km)** Actual

22 North Island Regions	60.9
23	
24	
25	
26	

27 **Number of poor pressure events due to network causes** Actual

28 North Island Regions	2
29	
30	
31	
32	
33	

34 **Number of telephone calls to emergency numbers answered within 30 seconds / total number of calls** Actual

35 North Island Regions	91.67%
36	
37	
38	
39	

40 **Product control—safety of distribution gas** Actual

41 Number of non-compliant odour tests	3
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42 **10b(ii): Consumer Service**

43 **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
44 North Island Regions	86.4%	100.0%	0.6	66
45				
46				
47				
48				

49 **Number of complaints** Actual

50 Number of complaints per average total consumer numbers	0.00043
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Company Name **Vector - gas distribution business**

For Year Ended **30 June 2014**

Network / Sub-network Name **Auckland Network**

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

8 **10b(i): System Condition and Integrity**

9 **Number of confirmed public reported gas escapes / total length of pipeline (escapes/1000 km)** Actual

10 Auckland Region	40.8
11	
12	
13	
14	

15 **Number of leaks detected by routine survey / total length of pipeline (leaks/1000 km)** Actual

16 Auckland Region	1.4
17	
18	
19	
20	

21 **Number of third party damage events / total length of pipeline (events/1000 km)** Actual

22 Auckland Region	60.7
23	
24	
25	
26	

27 **Number of poor pressure events due to network causes** Actual

28 Auckland Region	4
29	
30	
31	
32	
33	

34 **Number of telephone calls to emergency numbers answered within 30 seconds / total number of calls** Actual

35 Auckland Region	91.67%
36	
37	
38	
39	

40 **Product control—safety of distribution gas** Actual

41 Number of non-compliant odour tests	2
--	---

42 **10b(ii): Consumer Service**

43 **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
44 Auckland Region	94.0%	100.0%	0.6	116
45				
46				
47				
48				

49 **Number of complaints** Actual

50 Number of complaints per average total consumer numbers	0.0014
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