



**GTB Information Disclosure Requirements
Information Templates
for
Schedules 1–10 (Public)**

Company Name	Vector - gas transmission business
Disclosure Date	9 December 2013
Disclosure Year (year ended)	30 June 2013

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Disclosure Template Guidelines for Information Entry

These templates have been prepared for use by GTBs when making disclosures under subclauses 2.3.1, 2.4.20, and 2.5.1 of the Gas Transmission Information Disclosure Determination 2012. Disclosures must be made available to the public within 6 months after the start of the disclosure year and a copy provided to the Commission within 5 working days of being disclosed to the public.

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 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 4 cells P98:P104 and P106 will change colour if the RAB values do not equal the corresponding values in

Inserting Additional Rows and Columns

The templates for schedules 4, 5b, 5c, 5d, 5e, 6a, 8, 9c, 9d, and 10a may require additional rows to be inserted in Additional rows in schedules 5c, 6a, 8, 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 rows 86 and 70 of the respective templates 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 77:84, copy, select Excel row 86, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 61:88, copy, select Excel row 70, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted. To avoid interfering with the title block entries, these should be inserted to the left of column I.

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Gas Transmission 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–5h
3. Schedules 6a and 6b
4. Schedule 8
5. Schedule 3
6. Schedule 4
7. Schedule 2
8. Schedule 7
9. Schedules 9a and 9b
10. Schedules 10a and 10b

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 Transmission 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. The CY-1 and CY-2 columns do not need to be completed until the 2013 and 2014 disclosure years respectively.

Schedule 5h: Report on Transitional Financial Information

Four of the rows in this template (sched ref 85a, 85b, 85c and 85d) do not appear in the Gas Transmission ID Determination 2012 (as at 1 October 2012). These rows are expected to be included in a future amendment to the determination.

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

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**

	Total TJ delivered (\$/TJ)	Total pipeline length (for supply) (\$/km)
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		

17 **1(ii): Service Intensity Measures**

19 Volume density 39 *Total TJ delivered/Total pipeline length*

21 **1(iii): Composition of Revenue Requirement**

	(\$000)	% of revenue
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		

31 **1(iv): Reliability**

	Interruptions per 100 km of pipeline length
32	
33	

33 Interruption rate 0.7237

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the GTB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GTBs 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 GTB makes this election, information supporting this calculation must be provided in 2(iii). GTBs 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 11	30 Jun 12	30 Jun 13
	Post tax WACC			
	ROI—comparable to a post tax WACC		9.69%	10.12%
	Mid-point estimate of post tax WACC		6.89%	6.02%
	25th percentile estimate		6.08%	5.21%
	75th percentile estimate		7.70%	6.83%
	Vanilla WACC			
	ROI—comparable to a vanilla WACC		10.49%	10.82%
	Mid-point estimate of vanilla WACC		7.69%	6.72%
	25th percentile estimate		6.88%	5.91%
	75th percentile estimate		8.50%	7.53%
2(ii): Information Supporting the ROI				
				(\$000)
	Total opening RAB value	500,090		
	Opening RIV		500,090	
	Operating surplus / (deficit)	83,566		
	less Regulatory tax allowance	16,248		
	less Assets commissioned	14,218		
	plus Asset disposals	501		
	Notional net cash flows		53,601	
	Total closing RAB value	497,694		
	less Adjustment resulting from asset allocation	(66)		
	less Lost and found assets adjustment	-		
	Closing RIV		497,760	
	ROI—comparable to a vanilla WACC		10.82%	
	Leverage (%)		44%	
	Cost of debt assumption (%)		5.68%	
	Corporate tax rate (%)		28%	
	ROI—comparable to a post tax WACC		10.12%	

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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sch ref

48 **2(iii): Information Supporting the Monthly ROI**

49 (\$000)

50	Cash flows	Total regulatory income	Expenses	Tax payments	Assets commissioned	Asset disposals	Notional net cash flows
51	Month 1						-
52	Month 2						-
53	Month 3						-
54	Month 4						-
55	Month 5						-
56	Month 6						-
57	Month 7						-
58	Month 8						-
59	Month 9						-
60	Month 10						-
61	Month 11						-
62	Month 12						-
63	Total	-	-	-	-	-	-

65		Opening / closing RAB	Adjustment resulting from asset allocation	Opening / closing lost and found assets adjustment	Revenue related working capital	Total
66	Monthly ROI - opening RIV					-
67	Monthly ROI - closing RIV					-
68	Monthly ROI - closing RIV less term credit spread differential allowance					-
69	Monthly ROI—comparable to a vanilla WACC					-
70						-
71	Monthly ROI—comparable to a post-tax WACC					-
72						-

74 **2(iv): Year-end ROI rates for comparison purposes**

75						
76	Year-end ROI—comparable to a vanilla WACC					10.09%
77						
78	Year-end ROI—comparable to a post-tax WACC					9.39%

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

Company Name **Vector - gas transmission business**
For Year Ended **30 June 2013**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the GTB for the disclosure year. GTBs 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

		(\$000)	
7	3(i): Regulatory Profit		
8	Income		
9	Line charge revenue	118,556	
10	plus Gains / (losses) on asset disposals	(125)	
11	plus Other regulated income (other than gains / (losses) on asset disposals)	-	
12			
13	Total regulatory income	118,431	
14	Expenses		
15	less Operational expenditure	32,617	
16			
17	less Pass-through and recoverable costs	2,248	
18			
19	Operating surplus / (deficit)	83,566	
20			
21	less Total depreciation	19,464	
22			
23	plus Total revaluations	3,417	
24			
25	Regulatory profit / (loss) before tax & term credit spread differential allowance	67,519	
26			
27	less Term credit spread differential allowance	99	
28			
29	Regulatory profit / (loss) before tax	67,420	
30			
31	less Regulatory tax allowance	16,248	
32			
33	Regulatory profit / (loss)	51,172	
34			
41	3(ii): Pass-through and Recoverable Costs	(\$000)	
42	Pass-through costs		
43	Rates	857	
44	Commerce Act levies	616	
45	Other specified pass-through costs	14	
46	Recoverable costs		
47	Net recoverable costs allowed under incremental rolling incentive scheme	-	
48	Balancing gas costs	761	
49	Input Methodology claw-back	-	
50	Recoverable customised price-quality path costs	-	
51	Pass-through and recoverable costs	2,248	
52			
53	3(iii): Incremental Rolling Incentive Scheme	(\$000)	
54			
55		CY-1	CY
56	Allowed controllable opex	30 Jun 12	30 Jun 13
57	Actual controllable opex	-	-
58			
59	Incremental change in year	-	
60			
61		Previous years'	Previous years'
62	CY-5 30 Jun 08	incremental	incremental
63	CY-4 30 Jun 09	change	change adjusted
64	CY-3 30 Jun 10	-	for inflation
65	CY-2 30 Jun 11	-	-
66	CY-1 30 Jun 12	-	-
67	Net incremental rolling incentive scheme	-	-
68			
69	Net recoverable costs allowed under incremental rolling incentive scheme	-	
70	3(iv): Merger and Acquisition Costs		
71	Merger and acquisition expenses	-	
72	Provide commentary on the benefits of merger and acquisition expenditure to the gas transmission business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)		
73	3(v): Other Disclosures		
74	Self-insurance allowance	-	

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

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. GTBs 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

	RAB CY-4 (\$000)	RAB CY-3 (\$000)	RAB CY-2 (\$000)	RAB CY-1 (\$000)	RAB CY (\$000)
4(i): Regulatory Asset Base Roll Forward					
Total opening RAB value		487,595	488,299	498,231	500,090
less Total depreciation		21,497	16,828	17,759	19,464
plus Total revaluation		8,008	15,648	4,724	3,417
plus Assets commissioned		14,510	11,521	15,545	14,218
less Asset disposals		317	450	600	501
plus Lost and found assets adjustment		-	-	-	-
plus Adjustment resulting from asset allocation		-	41	(51)	(66)
Total closing RAB value		488,299	498,231	500,090	497,694

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
4(ii): Unallocated Regulatory Asset Base				
Total opening RAB value		527,052		500,090
less Total depreciation		30,032		19,464
plus Total revaluation		3,574		3,417
plus Assets commissioned (other than below)	21,567		14,218	
Assets acquired from a regulated supplier	-		-	
Assets acquired from a related party	-		-	
Assets commissioned		21,567		14,218
less Asset disposals (other than below)	541		501	
Asset disposals to a regulated supplier	-		-	
Asset disposals to a related party	-		-	
Asset disposals		541		501
plus Lost and found assets adjustment		-		-
plus Adjustment resulting from asset allocation				(66)
Total closing RAB value		521,620		497,694

* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide gas transmission 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 transmission business**
 For Year Ended **30 June 2013**

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. GTBs 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

88 **4(v): Regulatory Depreciation**

	Unallocated RAB * (\$000)	RAB (\$000)
89 Depreciation - standard	14,978	14,978
90 Depreciation - no standard life assets	15,054	4,486
91 Depreciation - modified life assets	-	-
92 Depreciation - alternative depreciation in accordance with CPP	-	-
93 Total depreciation	30,032	19,464

97 **4(vi): Disclosure of Changes to Depreciation Profiles**

(\$000 unless otherwise specified)

98 Asset or assets with changes to depreciation	99 Closing RAB value		
	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation
100			
101			
102			
103			
104			
105			
106			

107 * include additional rows if needed

108 **4(vii): Disclosure by Asset Category**

(\$000 unless otherwise specified)

	Pipes	Stations	Compressors	Main-line valves	Other network assets	Special crossings	Non-network assets	Total
109 Total opening RAB value								-
110 less Total depreciation								-
111 plus Total revaluation								-
112 plus Assets commissioned								-
113 less Asset disposals								-
114 plus Lost and found assets adjustment								-
115 plus Adjustment resulting from asset allocation								-
116 plus Asset category transfers								-
117 Total closing RAB value	339,681	49,048	33,987	-	65,625	-	9,353	497,694
118 Asset Life								
119 Weighted average remaining asset life	36	27	25	-	5	-	6	(years)
120 Weighted average expected total asset life	80	35	35	-	6	-	12	(years)

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

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).

GTBs 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

7 5a(i): Regulatory Tax Allowance			(\$000)
8	Regulatory profit / (loss) before tax		67,420
9			
10	plus Total depreciation	19,464	
11	less Tax depreciation	12,815	
12	Permanent differences:		
13	plus Income not included in regulatory profit / (loss) before tax but taxable	-	*
14	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	22	*
15			
16	less Income included in regulatory profit / (loss) before tax but not taxable	3,417	*
18	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
19			(3,395)
20	Temporary differences:		
21	plus Income not included in regulatory profit / (loss) before tax but taxable	207	*
22	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	125	*
23			
24	less Income included in regulatory profit / (loss) before tax but not taxable	-	*
25	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	724	*
26			(392)
27	less Notional deductible interest		12,254
28			
29	Regulatory taxable income		58,028
30	less Utilised tax losses	-	
31	Regulatory net taxable income		58,028
32			
33	Corporate tax rate (%)	28%	
34	Regulatory tax allowance		16,248

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent and Temporary Differences

In Schedule 14, Box 5 and Box 6, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).

5a(iii): Reconciliation of Tax Losses

(\$000)

44	Opening tax losses	-
45	plus Current period tax losses	-
46	less Utilised tax losses	-
47	Closing tax losses	-

5a(iv): Regulatory Tax Asset Base Roll-Forward

(\$000)

50	Opening sum of regulatory tax asset values	112,870
51	less Tax depreciation	12,815
52	plus Regulatory tax asset value of assets commissioned	12,865
53	less Regulatory tax asset value of asset disposals	168
54	plus Lost and found assets adjustment	-
55	plus Other adjustments to the RAB tax value	(443)
56	Closing sum of regulatory tax asset values	112,309

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

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

5b(i): Summary—Related Party Transactions		(\$000)
8	Total regulatory income	30,308
9	Operational expenditure	26,848
10	Capital expenditure	-
11	Market value of asset disposals	-
12	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.
Vector Gas Limited (gas wholesale)	A fully owned unregulated business unit of Vector Gas Limited.
Vector Communications Limited	A fully owned subsidiary of Vector Limited.
Vector Limited	The parent 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	Sale of transmission services	30,308	Clause 2.3.8(2)(a) - price received by the GTB as more than 50% of the GTB's sales are to third parties who receive substantially the same terms, including price, as the related party.
Vector Gas Limited (gas wholesale)	Opex	Purchase of mechanical services	1,065	Clause 2.3.7(2)(a) - directly attributable cost incurred in providing the maintenance service to the GTB.
Vector Gas Limited (gas wholesale)	Opex	Purchase of gas	5,543	Clause 2.3.7(2)(e) - price paid by the GTB to the related party following a competitive tender process.
Vector Communications Limited	Opex	Purchase of telecommunications services	28	Clause 2.3.7(2)(c) - price paid by the GTB as more than 50% of the related party's sales are to third parties who receive substantially the same terms and conditions as the GTB.
Vector Limited	Opex	Purchase of gas contracting services	20,212	Clause 2.3.7(2)(b) - directly attributable cost incurred by the related party, determined in accordance with the cost allocation process set out in the IM determination, plus a mark-up which does not exceed 17.2%.

* include additional rows if needed

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. GTBs 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 transmission services	Non-gas transmission services	OVABAA allocation increase (\$000s)
5d(i): Operating Cost Allocations					
Service interruptions, incidents and emergencies					
	Directly attributable		851		
	Not directly attributable	-	-	-	-
	Total attributable to regulated service		851		
Land management and associated activity					
	Directly attributable		637		
	Not directly attributable	-	-	-	-
	Total attributable to regulated service		637		
Routine and corrective maintenance and inspection					
	Directly attributable		8,038		
	Not directly attributable	-	-	-	-
	Total attributable to regulated service		8,038		
Compressor fuel					
	Directly attributable		4,103		
	Not directly attributable	-	-	-	-
	Total attributable to regulated service		4,103		
Asset replacement and renewal					
	Directly attributable		-		
	Not directly attributable	-	-	-	-
	Total attributable to regulated service		-		
System operations					
	Directly attributable		1,014		
	Not directly attributable	-	-	-	-
	Total attributable to regulated service		1,014		
Business support					
	Directly attributable		159		
	Not directly attributable	-	984	43,751	44,735
	Total attributable to regulated service		1,143		
Network support					
	Directly attributable		16,831		
	Not directly attributable	-	-	-	-
	Total attributable to regulated service		16,831		
	Operating costs directly attributable		31,633		
	Operating costs not directly attributable	-	984	43,751	44,735
	Operating expenditure		32,617		

5d(ii): Other Cost Allocations

Pass through and recoverable costs					
Pass through costs					
	Directly attributable		1,487		
	Not directly attributable	-	-	-	-
	Total attributable to regulated service		1,487		
Recoverable costs					
	Directly attributable		761		
	Not directly attributable	-	-	-	-
	Total attributable to regulated service		761		

NOTES TO THE REPORT

5d(iii): Changes in Cost Allocations* †

		(\$000)	
		CY-1	Current Year (CY)
		30 Jun 12	30 Jun 13
Change in cost allocation 1			
Cost category		Original allocation	
Original allocator or line items		New allocation	
New allocator or line items		Difference	
Rationale for change			
Change in cost allocation 2			
Cost category		Original allocation	
Original allocator or line items		New allocation	
New allocator or line items		Difference	
Rationale for change			
Change in cost allocation 3			
Cost category		Original allocation	
Original allocator or line items		New allocation	
New allocator or line items		Difference	
Rationale for change			

* a change in cost 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 transmission business**
 For Year Ended **30 June 2013**

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. GTBs 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

7 5e(i): Regulated Service Asset Values

		Value allocated (\$000s)
		Gas transmission services
10	Pipes	
11	Directly attributable	339,681
12	Not directly attributable	-
13	Total attributable to regulated service	339,681
14	Stations	
15	Directly attributable	49,048
16	Not directly attributable	-
17	Total attributable to regulated service	49,048
18	Compressors	
19	Directly attributable	33,987
20	Not directly attributable	-
21	Total attributable to regulated service	33,987
22	Main-line valves	
23	Directly attributable	-
24	Not directly attributable	-
25	Total attributable to regulated service	-
26	Other network assets	
27	Directly attributable	65,625
28	Not directly attributable	-
29	Total attributable to regulated service	65,625
30	Special crossings	
31	Directly attributable	-
32	Not directly attributable	-
33	Total attributable to regulated service	-
34	Non-network assets	
35	Directly attributable	5,429
36	Not directly attributable	3,924
37	Total attributable to regulated service	9,353
38		
39	Regulated service asset value directly attributable	493,770
40	Regulated service asset value not directly attributable	3,924
41	Total closing RAB value	497,694

49 5e(ii): Changes in Asset Allocations* †

		(\$000)		
			CY-1	Current Year (CY)
			30 Jun 12	30 Jun 13
51	Change in asset value allocation 1			
52	Asset category			
53	Original allocator or line items			
54	New allocator or line items			
55				
56				
57	Rationale for change			
58				
59	Change in asset value allocation 2			
60	Asset category			
61	Original allocator or line items			
62	New allocator or line items			
63				
64				
65	Rationale for change			
66				
67	Change in asset value allocation 3			
68	Asset category			
69	Original allocator or line items			
70	New allocator or line items			
71				
72				
73	Rationale for change			
74				

* 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 transmission business**
 For Year Ended **30 June 2013**

SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION

- This schedule requires information on:
- the calculation of the initial RAB value for the GTBs as of 2009;
 - how the initial RAB value has been rolled forward to 2011;
 - a summary of revaluations,
 - the value of works under construction, and
 - regulatory tax.

GTBs must complete this schedule in relation to the disclosure year ending 2012.

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 Regulatory Asset Base Value

8 5h(i): Establishment of Initial Regulatory Asset Base Value

	Unallocated Initial RAB	
	(\$000)	(\$000)
2009 disclosed assets		427,456
2009 authorised assets		-
plus Asset adjustment process - adjustments	15,934	
plus Increase/(decrease) in value resulting from rolling forward the asset adjustment process - adjustments	3,851	
plus Increase in value resulting from revaluations in accordance with 2.2.1(3)(b)	55,208	
2009 modified asset values (adjusted for results of asset adjustment process)		502,449
Adjustment to reinstate 2009 modified asset values to unallocated amounts	22,745	
Unallocated 2009 modified asset values		525,194
less (to the extent included in row 13)		
Assets not used to supply gas transmission services		-
Easement land		-
Non-qualifying intangible assets		-
Works under construction	10,278	
Unallocated asset values excluded from unallocated 2009 modified asset values		10,278
Unallocated initial RAB values		514,916

32 5h(ii): Roll forward of Unallocated Regulatory Asset Base Value - 2010, 2011 and 2012

	2010		2011		2012	
	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value		514,916		511,724		522,203
less						
Total depreciation		32,886		24,363		26,809
plus						
Total revaluation		8,338		16,293		4,931
plus						
Assets commissioned (other than below)	21,673		19,199		27,355	
Assets acquired from a regulated supplier	-		-		-	
Assets acquired from a related party	-		-		-	
Assets commissioned	21,673		19,199		27,355	
less						
Asset disposals (other than below)	317		650		628	
Assets disposed of to a regulated supplier	-		-		-	
Assets disposed of to a related party	-		-		-	
Asset disposals	317		650		628	
plus						
Lost and found assets adjustment	-		-		-	
Total closing RAB value		511,724		522,203		527,052

61 5h(iii): Calculation of Revaluation Rate and Indexed Revaluation

	(\$000 unless otherwise specified)		
	2010	2011	2012
CPI at CPI reference date—preceding disclosure year	1,103	1,121	1,157
CPI at CPI reference date—current disclosure year	1,121	1,157	1,168
Revaluation rate (%)	1.67%	3.21%	0.95%
Total opening RAB value	514,916	511,724	522,203
less Opening RAB value of fully depreciated, disposed and lost assets	14,200	4,676	3,353
Total opening RAB value subject to revaluation	500,716	507,048	518,850
Total revaluation	8,338	16,293	4,931

74 5h(iv): Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—year ended 2009	10,800		10,352	
plus Capital expenditure—year ended 2010	20,784		10,498	
less Assets commissioned—year ended 2010	21,673		14,510	
plus Adjustment resulting from asset allocation—year ended 2010			59	
Works under construction—year ended 2010		9,911		6,399
plus Capital expenditure—year ended 2011	20,916		12,697	
less Assets commissioned—year ended 2011	19,199		11,521	
plus Adjustment resulting from asset allocation—year ended 2011			(80)	
Works under construction—year ended 2011		11,628		7,495
plus Capital expenditure—year ended 2012	23,979		15,747	
less Assets commissioned—year ended 2012	27,355		15,545	
plus Adjustment resulting from asset allocation—year ended 2012			(91)	
Works under construction—year ended 2012		8,252		7,606

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION

This schedule requires information on:

- the calculation of the initial RAB value for the GTBs as of 2009;
- how the initial RAB value has been rolled forward to 2011;
- a summary of revaluations,
- the value of works under construction, and
- regulatory tax.

GTBs must complete this schedule in relation to the disclosure year ending 2012.

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

86 Regulatory Tax Information		(\$000)		
87 5h(v): Reconciliation of Tax Losses (GTB Business)		2010	2011	2012
89	Opening tax losses		-	-
90	<i>plus</i> Current period tax losses	-	-	-
91	<i>less</i> Utilised tax losses	-	-	-
92	Closing tax losses	-	-	-
93				
94	5h(vi): Regulatory Tax Asset Base Roll-Forward	2010	2011	2012
95	Sum of unallocated initial RAB values	514,916		
96	Sum of adjusted tax values	136,330		
97	Sum of tax asset values	136,330		
98	Result of asset allocation ratio	80.49%		
99	Opening sum of regulatory tax asset values	109,727	109,397	107,926
100	<i>less</i> Regulatory tax depreciation	13,395	13,165	12,792
101	<i>plus</i> Regulatory tax asset value of assets commissioned	13,071	11,438	18,357
102	<i>less</i> Regulatory tax asset value of asset disposals	6	107	562
103	<i>plus</i> Lost and found assets adjustment	-	-	-
104	<i>plus</i> Other adjustments to the RAB tax value	-	364	(59)
105	Closing sum of regulatory tax asset values	109,397	107,926	112,870

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

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.

GTBs 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

sch ref		(\$000)	(\$000)
7	6a(i): Expenditure on Assets		
8	Consumer connection		147
9	System growth		1,734
10	Asset replacement and renewal		11,255
11	Asset relocations		180
12	Reliability, safety and environment:		
13	Quality of supply	-	
14	Legislative and regulatory	-	
15	Other reliability, safety and environment	-	
16	Total reliability, safety and environment		-
17	Expenditure on network assets		13,316
18	Non-network assets		2,349
19			
20	Expenditure on assets		15,665
21	plus Cost of financing		422
22	less Value of capital contributions		81
23	plus Value of vested assets		-
24			
25	Capital expenditure		16,006
26	6a(ii): Subcomponents of Expenditure on Assets(where known)		
27	Research and development		
28	6a(iii): Consumer Connection		
29	Consumer types defined by GTB*	(\$000)	(\$000)
30	[GTB consumer type]		
31	[GTB consumer type]		
32	[GTB consumer type]		
33	[GTB consumer type]		
34	[GTB consumer type]		
35	* include additional rows if needed		
36	Consumer connection expenditure		-
37			
38	less Capital contributions funding consumer connection expenditure		
39	Consumer connection less capital contributions		-
40	6a(iv): System Growth and Asset Replacement and Renewal		
41		System Growth	Asset Replacement and Renewal
42		(\$000)	(\$000)
43	Pipes		
44	Compressor stations		
45	Other stations		
46	SCADA and communications		
47	Special crossings		
48	Components of stations (where known)		
49	Main-line valves		
50	Heating system		
51	Odourisation plants		
52	Coalescers		
53	Metering system		
54	Cathodic protection		
55	Chromatographs		
56	System growth and asset replacement and renewal expenditure	-	-
57	less Capital contributions funding system growth and asset replacement and renewal		
58	System growth and asset replacement and renewal less capital contributions	-	-
59			
67	6a(v): Asset Relocations		
68	Project or programme*	(\$000)	(\$000)
69	[Description of material project or programme]		
70	[Description of material project or programme]		
71	[Description of material project or programme]		
72	[Description of material project or programme]		
73	[Description of material project or programme]		
74	* include additional rows if needed		
75	All other asset relocations projects or programmes		
76	Asset relocations expenditure		-
77	less Capital contributions funding asset relocations		
78	Asset relocations less capital contributions		-
79	6a(vi): Quality of Supply	(\$000)	(\$000)
80	Project or programme*		
81	[Description of material project or programme]		

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

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.

GTBs 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

sch ref			
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	<i>* include additional rows if needed</i>		
87	All other quality of supply projects or programmes		
88	Quality of supply expenditure		
89	less Capital contributions funding quality of supply		
90	Quality of supply less capital contributions		
91	6a(vii): Legislative and Regulatory		
92	<i>Project or programme*</i>	(\$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	<i>* include additional rows if needed</i>		
99	All other legislative and regulatory projects or programmes		
100	Legislative and regulatory expenditure		
101	less Capital contributions funding legislative and regulatory		
102	Legislative and regulatory less capital contributions		
110	6a(viii): Other Reliability, Safety and Environment		
111	<i>Project or programme*</i>	(\$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	<i>* include additional rows if needed</i>		
118	All other reliability, safety and environment projects or programmes		
119	Other reliability, safety and environment expenditure		
120	less Capital contributions funding other reliability, safety and environment		
121	Other reliability, safety and environment less capital contributions		
122			
123	6a(ix): Non-Network Assets		
124	Routine expenditure		
125	<i>Project or programme*</i>	(\$000)	(\$000)
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	[Description of material project or programme]		
131	<i>* include additional rows if needed</i>		
132	All other routine expenditure projects or programmes		
133	Routine expenditure		
134	Atypical expenditure		
135	<i>Project or programme*</i>	(\$000)	(\$000)
136	[Description of material project or programme]		
137	[Description of material project or programme]		
138	[Description of material project or programme]		
139	[Description of material project or programme]		
140	[Description of material project or programme]		
141	<i>* include additional rows if needed</i>		
142	All other atypical expenditure projects or programmes		
143	Atypical expenditure		
144	Non-network assets expenditure		
145			

Company Name

Vector - gas transmission business

For Year Ended

30 June 2013

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

This schedule requires a breakdown of operating expenditure incurred in the disclosure year. GTBs 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	851	
9	Routine and corrective maintenance and inspection	8,038	
10	Asset replacement and renewal	-	
11	Compressor fuel	4,103	
12	Land management and associated activity	637	
13	Network opex		13,629
14	System operations	1,014	
15	Network support	16,831	
16	Business support	1,143	
17	Non-network opex		18,988
18			
19	Operational expenditure		32,617
20	6b(ii): Subcomponents of Operational Expenditure (where known)		
21	Research and development		-
22	Insurance		1,962

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

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.

GTBs 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	119,300	118,556	(1%)
7(ii): Expenditure on Assets		Forecast (\$000) ²	Actual (\$000)	% variance
10				
11	Consumer connection		147	-
12	System growth		1,734	-
13	Asset replacement and renewal		11,255	-
14	Asset relocations		180	-
15	Reliability, safety and environment:			
16	Quality of supply		-	-
17	Legislative and regulatory		-	-
18	Other reliability, safety and environment		-	-
19	Total reliability, safety and environment	-	-	-
20	Expenditure on network assets	17,946	13,316	(26%)
21	Non-network capex		2,349	-
22	Expenditure on assets		15,665	-
7(iii): Operational Expenditure				
23				
24	Service interruptions, incidents and emergencies		851	-
25	Routine and corrective maintenance and inspection		8,038	-
26	Asset replacement and renewal		-	-
27	Compressor fuel		4,103	-
28	Land management and associated activity		637	-
29	Network opex	-	13,629	-
30	System operations		1,014	-
31	Network support		16,831	-
32	Business support		1,143	-
33	Non-network opex	-	18,988	-
34	Operational expenditure	39,787	32,617	(18%)
7(iv): Subcomponents of Expenditure on Assets (where known)				
35				
36	Research and development		-	-
37				
38				
7(v): Subcomponents of Operational Expenditure (where known)				
39				
40	Research and development		-	-
41	Insurance		1,962	-
42				

43 ¹ From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of the Determination
 44 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 transmission business**
 For Year Ended **30 June 2013**

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

7	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	Pipes	Protected steel pipes	km	2,204	2,204	-	4
9	Pipes	Special crossings	km	7	7	-	4
10	Stations	Compressor stations	No.	8	8	-	4
11	Stations	Offtake point	No.	116	115	(1)	4
12	Stations	Scraper stations	No.	11	11	-	4
13	Stations	Intake points	No.	4	4	-	4
14	Stations	Metering stations	No.	5	5	-	4
15	Compressors	Compressors—turbine driven	No.	2	2	-	4
16	Compressors	Compressors—electric motor driven	No.	-	-	-	N/A
17	Compressors	Compressors—reciprocating engine driven	No.	19	19	-	4
18	Main-line valves	Main line valves manually operated	No.	71	71	-	4
19	Main-line valves	Main line valves remotely operated	No.	7	7	-	4
20	Heating systems	Gas-fired heaters	No.	104	103	(1)	4
21	Heating systems	Electric heaters	No.	3	3	-	4
22	Odourisation plants	Odourisation plants	No.	24	23	(1)	4
23	Coalescers	Coalescers	No.	34	34	-	4
24	Metering systems	Meters—ultrasonic	No.	6	6	-	4
25	Metering systems	Meters—rotary	No.	57	57	-	4
26	Metering systems	Meters turbine	No.	74	74	-	4
27	Metering systems	Meters—mass flow	No.	-	-	-	N/A
28	SCADA and communications	Remote terminal units (RTU)	No.	66	66	-	4
29	SCADA and communications	Communications terminals	No.	3	3	-	4
30	Cathodic protection	Rectifier units	No.	32	32	-	4
31	Chromatographs	Chromatographs	No.	9	9	-	4

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

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.

7 Disclosure Year (year ended)		30 June 2013		Number of assets at disclosure year end by installation date																									
8 Asset category	9 Asset class	Units	1960	1965	1970	1975	1980	1985-	1990	1995															Total assets at year end	No. with default dates	Data accuracy (1-4)		
			pre-1960	-1964	-1969	-1974	-1979	-1984	1989	-1994	-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012				2013	
	Pipes	km	-	-	638	69	20	1,285	149	10	21	1	0	-	-	1	0	3	1	1	2	0	1	0	-	2,204	-	3	
10	Pipes	km	-	-	2	1	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	3	
11	Stations	No.	-	-	1	-	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	3	
12	Stations	No.	-	-	5	9	9	58	14	4	12	-	-	-	-	-	2	-	2	-	-	-	-	-	-	115	-	3	
13	Stations	No.	-	-	3	-	1	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	3	
14	Stations	No.	-	-	-	-	1	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	4	-	3	
15	Stations	No.	-	-	1	-	1	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	5	-	3	
16	Compressors	No.	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	
17	Compressors	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A	
18	Compressors	No.	-	-	4	-	6	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	3	
19	Main-line valves	No.	-	-	18	6	6	26	13	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	-	3	
20	Main-line valves	No.	-	-	-	2	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	3	
21	Heating systems	No.	-	-	5	6	9	49	16	2	6	-	-	-	-	-	2	-	3	-	1	1	-	-	2	1	103	-	3
22	Heating systems	No.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	3	-	3
23	Odourisation plants	No.	-	-	1	-	2	2	-	-	2	-	-	-	-	14	-	-	-	-	-	-	-	-	-	2	-	3	
24	Coalescers	No.	-	-	2	2	7	14	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	3	
25	Metering systems	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	2	-	-	-	6	-	3	
26	Metering systems	No.	-	-	-	-	1	11	12	7	2	1	1	-	1	1	3	3	-	1	5	3	2	3	-	57	-	3	
27	Metering systems	No.	-	-	-	-	8	28	3	13	-	-	-	-	1	1	-	2	2	7	2	3	3	1	-	74	-	3	
28	Metering systems	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A	
29	SCADA and communications	No.	-	-	-	-	-	-	-	-	-	-	-	1	-	4	23	12	8	5	3	9	1	-	-	66	-	3	
30	SCADA and communications	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	3	-	3	
31	Cathodic protection	No.	-	-	-	-	1	7	4	1	2	3	3	-	1	-	-	-	1	1	1	-	-	-	-	32	-	3	
32	Chromatographs	No.	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	-	2	1	-	1	1	-	-	9	-	3	

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

SCHEDULE 9c: REPORT ON PIPELINE DATA

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

sch ref

7	Transmission system/pipeline segment	Length of pipe (km) (at year end)	Length-weighted average diameter of pipe (mm)	MOAP	Max monthly quantity entering the system (TJ/month)	Max weekly quantity entering the system (TJ/week)	Total gas conveyed (TJ/year)	Gas conveyed for Persons not involved in the GTB (TJ/year)	Number of offtake points
8	South-Kapuni-Frankley Road	1,030	220	5200, 6620, 8620	4,400	1,047	39,554	36,024	51
9	Bay of Plenty	610	156	2000, 8620	875	215	8,473	3,949	29
10	North	548	189	4960, 6620, 8620	4,747	1,172	43,637	35,993	46
11	Te Awamutu North	7	155	8620	71	16	400	1	2
12	Minor	16	69	4960, 7140, 8620	32	8	229	196	10
13									
14	Total	2,211							
15	Length by assigned location class (km)	Secondary location class							
16		Sensitive Use (S)	Industrial (I)	Heavy Industrial (HI)	Common Infrastructure Corridor (CIC)	Submerged (W)	Total (km) (at year end) *	Percentage of Total	
17	Primary location class Rural (R1) land	2	10	4	2	1	1,973	89.25%	
18	Primary location class Rural Residential (R2) land	8	0	-	-	1	142	6.44%	
19	Primary location class Residential (T1) land	24	23	-	-	3	95	4.30%	
20	Primary location class High Density (T2) land	-	-	-	-	-	-	-	

* The total km is not the same as the sum of the secondary location classes as a pipeline section may only have a primary location class.

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

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

7 **9d(i): New Connections**

Consumer types defined by GTB	Number of new connections
Shipper	1

* include additional rows if needed

15 **Connections total** **1**

17 **9d(ii): Gas Volumes and Connections**

Consumer types defined by GTB	Gas deliveries by connected party (TJ)	Number of connection points
Shipper	87,074	138

* include additional rows if needed

24 **Total** **87,074** **138**

26 **9d(iii): Gas conveyed**

	(TJ)
Total gas entering the network	87,910
Total gas delivered to consumers	87,074
Total gas used in compressor stations	546
Total gas used in heating systems	117
Total unaccounted for gas	159
Total gas conveyed	87,737

34 **Unaccounted for Gas**

Transmission system	Total gas entering system (TJ)	UFG (TJ)	UFG (%)
South-Kapuni-Frankley Road	39,650	84	0.21%
Bay of Plenty	8,544	68	0.80%
North	43,644	7	0.02%
Te Awamutu North	400	-	-
Minor	226	-	-
Total	92,464		

Company Name **Vector - gas transmission business**
 For Year Ended **30 June 2013**

SCHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS

This schedule requires a summary of the key measures of network reliability (interruptions, compressor availability) for the disclosure year
 GTBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates).

sch ref

10a(i): Interruptions and Reliability

Total number of planned interruptions

Service incidents and emergencies

Number of incidents

Unplanned interruptions in transmission systems

Description and cause of interruption	Transmission systems affected	Date	Duration (hrs)
Southdown Power Station Regulator Failure	North System	8 February 2013	6.4

*Add rows as necessary

Number of interruption or curtailment events:

due to insufficient capacity	-
due to consumer flows exceeding approved quantities	-
caused by equipment failure	1
caused by third parties	15
Total	16

10a(ii): Compressor Availability

Compressor station code/name	Compressor unit ID	Number of hours the compressor ran	Number of hours compressor was available for service	Number of instances where the compressor failed to start	Number of instances where a compressor was required but unavailable for service
Henderson Compressor Station	Henderson 1	8	5,808	-	-
Kaitoke Compressor Station	Kaitoke 1	383	8,156	4	-
Kaitoke Compressor Station	Kaitoke 2	221	8,616	10	-
Kapuni Gas Treatment Plant Compressor Station	Kapuni 2	5,277	8,515	6	-
Kapuni Gas Treatment Plant Compressor Station	Kapuni 3	5,320	8,411	7	-
Kapuni Gas Treatment Plant Compressor Station	Kapuni 5	2,986	8,043	5	-
Kawerau Compressor Station	Kawerau 1	38	8,759	-	-
Kawerau Compressor Station	Kawerau 2	33	8,759	-	-
Mahoenui Compressor Station	Mahoenui 1	442	8,285	10	1
Mahoenui Compressor Station	Mahoenui 2	978	8,283	3	-
Mahoenui Compressor Station	Mahoenui 3	327	8,403	2	-
Pokuru Compressor Station	Pokuru 1	2,914	8,653	3	-
Pokuru Compressor Station	Pokuru 2	5,363	8,023	9	4
Rotowaro Compressor Station	Rotowaro 3	3,247	8,646	-	-
Rotowaro Compressor Station	Rotowaro 4	3,180	7,631	1	-
Rotowaro Compressor Station	Rotowaro 5	4,187	7,362	-	-
Rotowaro Compressor Station	Rotowaro 6	1,333	7,454	2	-

*Add rows as necessary

Company Name

Vector - gas transmission business

For Year Ended

30 June 2013

SCHEDULE 10b: REPORT ON NETWORK INTEGRITY

This schedule requires a summary of the key measures of network integrity (product control, gas escapes, RTEs) for the disclosure year.

sch ref

7	Product control	
8	Number of incidents relating to pressure	11
9	Number of incidents relating to gas specification	42
10	Number of incidents relating to odourisation	1
11		
12	Response time to emergencies (RTE)	
13	Proportion of emergencies responded to within 3 hours (%)	n/a
14	Average call response time (hours)	n/a
15	Number of emergencies	-
16		
17	Gas leaks	
18	Number of confirmed public reported gas escapes per 1000 km of pipeline	5
19	Number of confirmed gas leaks caused by a third party per 1000 km of pipeline	-
20	Number of gas leaks detected by the GTB	10
21	Number of gas leaks that did not result in disruption to supply	17