

# GDB Information Disclosure Requirements Information Templates for

Schedules 1–10

Company Name
Disclosure Date
Disclosure Year (year ended)

Vector gas distribution business
23 December 2015
30 June 2015

Templates for Schedules 1–10 excluding 5f–5g Template Version 4.1. Prepared 24 March 2015

1 CoverSheet

## **Table of Contents**

#### Schedule Description

- 1 Analytical Ratios
- 2 Report on Return on Investment
- 3 Report on Regulatory Profit
- 4 Report on Value of the Regulatory Asset Base (Rolled Forward)
- 5a Report on Regulatory Tax Allowance
- 5b Report on Related Party Transactions
- 5c Report on Term Credit Spread Differential Allowance
- 5d Report on Cost Allocations
- 5e Report on Asset Allocations
- 5h Report on Transitional Financial Information
- 6a Report on Capital Expenditure for the Disclosure Year
- 6b Report on Operational Expenditure for the Disclosure Year
- 7 <u>Comparison of Forecasts to Actual Expenditure</u>
- 8 Report on Billed Quantities and Line Charge Revenues (by Price Component)
- 9a <u>Asset Register</u>
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- 9c Report on Pipeline Data
- 9d Report on Demand
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- 10b Report on Network Integrity and Consumer Service

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#### **Disclosure Template Instructions**

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

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

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

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

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

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

#### Data Entry Cells and Calculated Cells

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

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

### Validation Settings on Data Entry Cells

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

#### Conditional Formatting Settings on Data Entry Cells

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

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

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

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

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

# **Inserting Additional Rows and Columns**

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

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

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

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

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# **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 24 March 2015). They provide a common reference between the rows in the determination and the template.

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

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

## **Worksheet Completion Sequence**

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

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

Company Name **Vector gas distribution business** 30 June 2015 For Year Ended **SCHEDULE 1: ANALYTICAL RATIOS** This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. 1(i): Expenditure Metrics Ratio of Expenditure per TJ expenditure to Expenditure per energy delivered to ICPs Expenditure per maximum monthly km of pipeline for average no. of ICPs (\$/TJ) (\$/ICP) (\$ per GJ/month) (\$/km) Operational expenditure 105 1.570 10 Network 371 772 12 13 Expenditure on assets 14 Network 1.084 150 10 15 Non-network 16 17 1(ii): Revenue Metrics energy delivered Revenue per average no. of ICPs (\$/TJ) (\$/ICP) 19 Total line charge revenue Standard consumer line charge revenue 428 6,067 Non-standard consumer line charge revenue 22 23 1(iii): Service Intensity Measures 24 25 Demand density 216 Maximum monthly load (GJ per month) per system length Volume density Quantity of gas delivered per km of system length (TJ/km) 27 Connection point density Average number of ICPs in disclosure year per system length 28 Energy intensity Total GJ delivered to ICPs per average number of ICPs in disclosure year 29 1(iv): Composition of Revenue Requirement 31 % of revenue 32 Operational expenditure 22.39% 33 Pass-through and recoverable costs excluding financial incentives and wash-up 2,887 3.82% 34 Total depreciation 15,182 20.10% 35 Total revaluations 1.933 2.56% 36 Regulatory tax allowance 9,411 12.46% Regulatory profit/(loss) including financial incentives and wash-ups 43.66% 32,985 38 Total regulatory income 39 40 1(v): Reliability 41 42 Interruption rate 13.75 Interruptions per 100km of system length

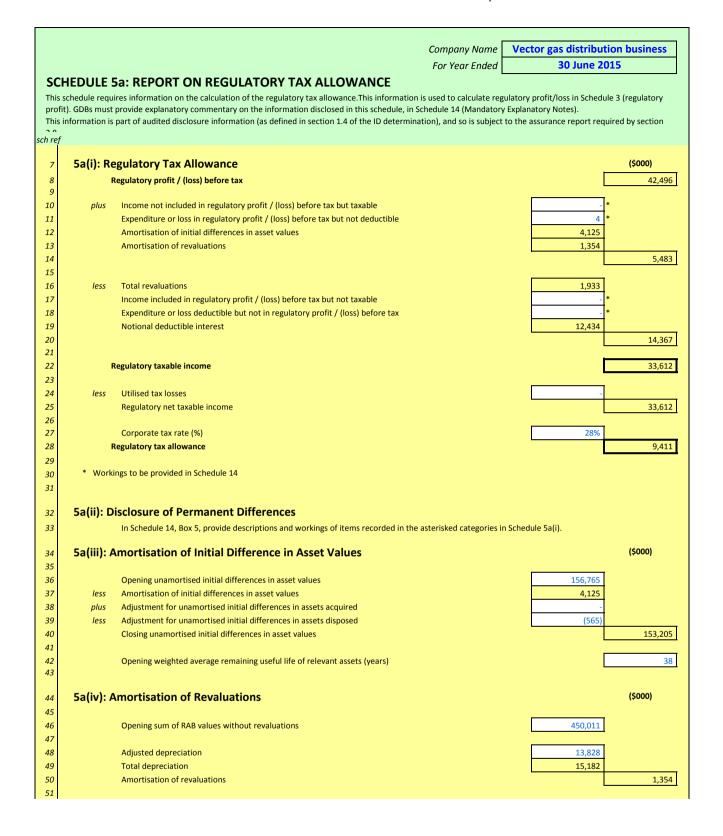
Company Name **Vector gas distribution business** 30 June 2015 For Year Ended **SCHEDULE 2: REPORT ON RETURN ON INVESTMENT** This schedule requires information on the Return on Investment (ROI) for the GDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GDBs must calculate 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 ret CY-2 CY-1 **Current Year CY** 2(i): Return on Investment for year ended 30 Jun 13 30 Jun 14 ROI - comparable to a post tax WACC 10 Reflecting all revenue earned 9.10% 8.20% 6.46% 11 Excluding revenue earned from financial incentives 9.10% 6.46% 8.20% 12 Excluding revenue earned from financial incentives and wash-ups 9 10% 8 20% 6.46% 13 14 Mid-point estimate of post tax WACC 6.02% 6.16% 6.76% 15 5 21% 5 95% 25th percentile estimate 16 75th percentile estimate 6.83% 6.97% 7.57% 17 18 19 ROI - comparable to a vanilla WACC 20 Reflecting all revenue earned 8.87% Excluding revenue earned from financial incentives 9.80% 8.87% 7.23% 21 22 Excluding revenue earned from financial incentives and wash-ups 9.80% 8.87% 7.23% 23 7.44% 7.44% 24 WACC rate used to set regulatory price path 7.44% 25 26 Mid-point estimate of vanilla WACC 27 25th percentile estimate 5.91% 6.03% 6.73% 28 75th percentile estimate 7.53% 7.65% 8.35% 29 (\$000) 30 2(ii): Information Supporting the ROI 31 32 Total opening RAB value 483,573 33 Opening deferred tax plus (22,545 461.028 **Opening RIV** 34 35 36 75,528 Line charge revenue 37 38 Expenses cash outflow 19,800 39 plus Assets commissioned 26,629 40 Asset disposals 143 41 Tax payments 5,324 plus 42 Other regulated income less 51.593 43 Mid-year net cash flows 44 45 Term credit spread differential allowance 46 47 Total closing RAB value 496,747 48 less Adjustment resulting from asset allocation (38)49 less Lost and found assets adjustment (25) 50 plus Closing deferred tax 51 Closing RIV 470,177 52 53 ROI – comparable to a vanilla WACC 7.23% 54 55 44% 56 Cost of debt assumption (%) 6.27% 57 Corporate tax rate (%) 28% 58 59 6.46% ROI – comparable to a post tax WACC

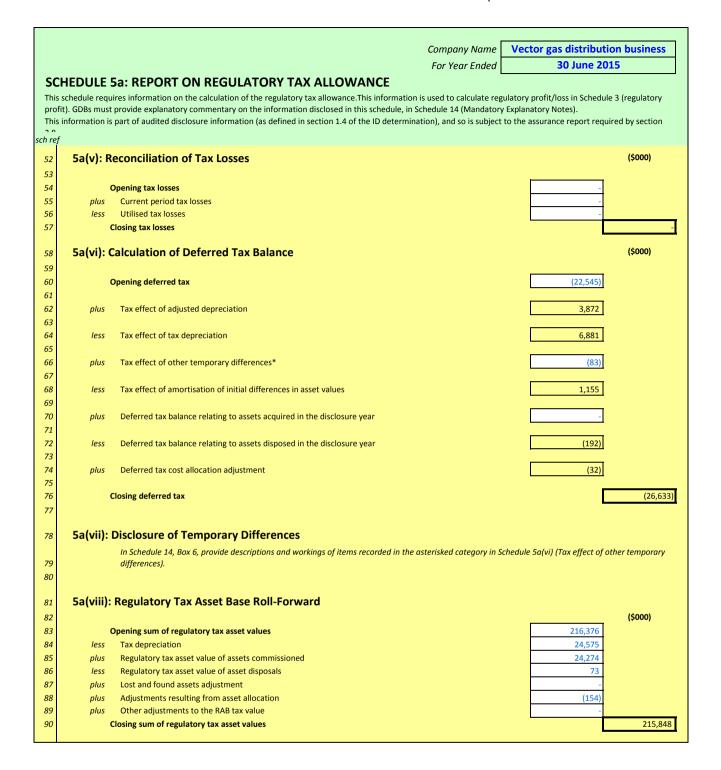
				Company Name	Vector	as distribution	business
				For Year Ended	vector 8	30 June 2015	- Control
SC	CHEDULE 2: REPORT ON RETURN	ON INVESTME	NT	Ended			
This calc mu GDI	s schedule requires information on the Return on In culate their ROI based on a monthly basis if required st be provided in 2(iii). Bs must provide explanatory comment on their ROI s information is part of audited disclosure informati	vestment (ROI) for the GI I by clause 2.3.3 of the ID in Schedule 14 (Mandato	DB relative to the Comme Determination or if they bry Explanatory Notes).	elect to. If a GDB ma	ikes this election, in	formation supporting	g this calculation
sch re				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
62	Outside BIV						21/2
63 64	Opening RIV						N/A
65				(\$000)			
66		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
67	Month 1	revenue	outnow	commissioned		income	- June 1
68	Month 2						-
69	Month 3						-
70	Month 4						-
71	Month 5						-
72	Month 6						-
73 74	Month 7 Month 8						-
75	Month 9						
76	Month 10						-
77	Month 11						-
78	Month 12						-
79	Total	-	-	-	-	-	-
80 81	Tax Payments						N/A
82 83	Term credit spread differential allow	vance					N/A
84 85	Closing RIV						N/A
86 87							
88 89	Monthly ROI – comparable to a van	illa WACC					N/A
90 91	Monthly ROI – comparable to a pos	t tax WACC					N/A
92 93	2(iv): Year-End ROI Rates for Con	nparison Purposes	s				
94 95	Year-end ROI – comparable to a van	illa WACC					6.95%
96 97	Year-end ROI – comparable to a pos	t tax WACC					6.18%
98 99	* these year-end ROI values are compa		in pre 2012 disclosures b	y GDBs and do not re	oresent the Commis	sion's current view o	n ROI.
100 101	2(v): Financial Incentives and Wa	sh-Ups					
102	Net recoverable costs allowed under	incremental rolling incer	ntive scheme			-	
103	Other financial incentives					-	
104	Financial incentives						-
105	Impact of financial incentives on POI						
106 107	Impact of financial incentives on ROI						
107	Input methodology claw-back					-	
109	Recoverable customised price-quality	path costs				-	
110	Other wash-ups					-	
111	Wash-up costs						-
112 113	Impact of wash-up costs on ROIs						-

				Company Name	Vector	gas distribution	business
				For Year Ended		30 June 2015	
S	CHEDUI	E 3: REPORT	ON REGULATORY PROFIT				
			on the calculation of regulatory profit for the GDB	for the disclosure year. GDBs must o	omplete all section	ns and must provide	explanatory
			in Schedule 14 (Mandatory Explanatory Notes). disclosure information (as defined in section 1.4 of	f the ID determination), and so is sub	ject to the assuran	ce report required b	y section 2.8.
sch re		·			•		•
		_					
7	3(i): R	egulatory Profi	it				(\$000)
8		Income					
9	,	Line charge revenu					75,528
10 11	plus plus		i asset disposais ncome (other than gains / (losses) on asset disposa	ule)			(116)
12	pius	Other regulated in	icome (other than gains / (losses) on asset disposa	115)			155
13		Total regulatory inco	ome				75,545
14		Expenses					
15	less	Operational expen	nditure				16,913
16 17	loss	Does through and	recoverable costs evaluating financial incentives and	ad wash was			2,887
18	less	Pass-tilrough and	recoverable costs excluding financial incentives ar	iu wasii-ups			2,007
19		Operating surplus /	(deficit)				55,745
20							
21 22	less	Total depreciation	1				15,182
23	plus	Total revaluations					1,933
24	<b>F</b>						_,,,,,
25		Regulatory profit / (	(loss) before tax				42,496
26		T	d differential all accounts				99
27 28	less	rerm credit spread	d differential allowance				99
29	less	Regulatory tax allo	owance				9,411
30							
31 32		Regulatory profit/(le	oss) including financial incentives and wash-ups				32,985
33	3(ii): I	Pass-through ar	nd recoverable costs excluding finar	ncial incentives and wash-	ups	(śc	000)
34	J(,.	Pass through costs				(,,	,
35		Rates				2,379	]
36		Commerce Act lev	ries			447	
37		Industry Levies	through costs			61	
38 39		CPP specified pass  Recoverable costs e	excluding financial incentives and wash-ups				J
40			costs excluding financial incentives and wash-ups	•		-	
41		Pass-through and re	ecoverable costs excluding financial incentives an	d wash-ups			2,887
42 43							
44	3(iii).	Incremental Ro	olling Incentive Scheme			(\$0	000)
45	3(111).	meremental No	Jillig incentive Scheme			CY-1	CY
46						30 Jun 14	30 Jun 15
47		Allowed controllat					
48 49		Actual controllable	e opex				
50		Incremental change	in year				
51							Provious va!
						Previous years'	Previous years' incremental
						incremental	change adjusted
52 53		CY-5	30 Jun 10			change	for inflation
54		CY-5 CY-4	30 Jun 10				
55		CY-3	30 Jun 12				
56		CY-2	30 Jun 13				
57 58		CY-1	30 Jun 14				
59		Net incrementarion	ling incentive scheme				
60		Net recoverable cos	sts allowed under incremental rolling incentive sc	heme			-
61							
62	3(iv):	Merger and Ac	quisition Expenditure				(6000)
63 64		Merger and acquis	sition evnenditure				(\$000)
65		Merger and acquis	Sicion experiatione				
			ary on the benefits of merger and acquisition exper	nditure to the gas distribution busines	s, including require	ed disclosures in acco	rdance with
66 67		section 2.7, in Sch	edule 14 (Mandatory Explanatory Notes)				(¢000)
67							(\$000)
68	3(v): (	Other Disclosur	es				(6000)
69 70		Self-insurance allo	nwance				(\$000)
70		Jen moundate dilo	· · · · · · · · · · · · · · · · · · ·				

			С	ompany Name		distribution b	usiness
_	CHERLINE A. DEDORT ON VALUE OF THE DECLINATION ASSET DAGE (DOLLED TORNING)		ı	or Year Ended		30 June 2015	
	CHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD) is 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 9	chedule 2 GDRs mu	st provide evolanato	ny comment on the s	value of their RAR in	Schedule 14
	andatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and					raide of their NAD III	Scriedule 14
sch rej							
7	4(i): Regulatory Asset Base Value (Rolled Forward)		RAB	RAB	RAB	RAB	RAB
8		for year ended	30 Jun 11	30 Jun 12	30 Jun 13	30 Jun 14	30 Jun 15
9			(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
10 11	Total opening RAB value		423,843	447,295	458,523	467,458	483,573
12	less Total depreciation		12,571	13,662	14,398	14,483	15,182
13							
14 15	plus Total revaluations		13,596	4,248	3,134	7,548	1,933
16	plus Assets commissioned		22,745	20,664	20,404	23,068	26,629
17							
18 19	less Asset disposals		328	48	190	50	143
20	plus Lost and found assets adjustment		-	-	-	-	(25)
21	also a n					-	10.71
22 23	plus Adjustment resulting from asset allocation		10	26	(15)	32	(38)
24	Total closing RAB value		447,295	458,523	467,458	483,573	496,747
25							
26 27	4(ii): Unallocated Regulatory Asset Base			Unallocate	J DAD *	RAB	
28				(\$000)	(\$000)	(\$000)	(\$000)
29	Total opening RAB value				509,747		483,573
30 31	less Total depreciation			_	24,025		15,182
32	plus			L	24,025	L	13,102
33	Total revaluations				2,026		1,933
34	plus		Г				
35 36	Assets commissioned (other than below) Assets acquired from a regulated supplier			35,832		26,629	
37	Assets acquired from a related party			-		-	
38	Assets commissioned			L	35,832	L	26,629
39 40	less Asset disposals (other than below)		Г	203		143	
41	Asset disposals to a regulated supplier			-		-	
42	Asset disposals to a related party			-		-	
43 44	Asset disposals			L	203	L	143
45	plus Lost and found assets adjustment				(534)		(25)
46							
47 48	plus Adjustment resulting from asset allocation					L	(38)
48	Total closing RAB value			Г	522,843	Г	496,747
	* 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	e allocation of costs to	services provided by	the supplier that ar	e not aas distributio	n services. The
50 51	RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.		,	,	,		
52	4(iii): Calculation of Revaluation Rate and Revaluation of Assets						
53	.,						
54	CPI <sub>4</sub>						1,200
55 56	CPI <sub>4</sub> <sup>-4</sup> Revaluation rate (%)						1,195 0.40%
57	ne raidation rate (n/)					L	0.40%
58				Unallocate		RAB	
59	Total appaies BAD value			(\$000) 509.745	(\$000)	(\$000)	(\$000)
60 61	Total opening RAB value  less Opening value of fully depreciated, disposed and lost assets			509,745 3,183		483,573 323	
62					_		
63	Total opening RAB value subject to revaluation			506,562		483,250	
64 65	Total revaluations			L	2,026	L	1,933
0.5							

									Company Name	Vector g	as distribution	business
									For Year Ended		30 June 2015	
		4: REPORT ON VALUE OF TH										
Th (N	is schedule req Jandatory Expla	quires information on the calculation of the Regulation of the Regularity Notes). This information is part of audit	ulatory Asset Base (F	RAB) value to the en-	d of this disclosure y section 1.4 of the ID	ear. This informs the	ROI calculation in So	chedule 2. GDBs m	ust provide explanat	ory comment on th	e value of their RAB	in Schedule 14
sch re		underly recess. This information is part of dudic	ed disclosure illioni	ation (as acimica in	section 1.4 or the 15	determination,, and	so is subject to the	assurance report re	quired by section 2.	<b>.</b>		
66	4(iv): R	oll Forward of Works Under Cons	truction									
67									Unallocated works	under construction	Allocated works u	nder construction
68	W	Vorks under construction—preceding disclosure	year							9,001		6,595
69	plus	Capital expenditure							29,777		21,528	
70 71	less plus	Assets commissioned Adjustment resulting from asset allocation							35,832		26,629 (42)	
72		Vorks under construction - current disclosure ye	ear							2,946	(12)	1,452
73												
74 75		Highest rate of capitalised finance applied										7.57%
76 77	4(v): Re	egulatory Depreciation							Unallocated RAB *		RAB	
78									(\$000)	(\$000)	(\$000)	(\$000)
79		Depreciation - standard							13,409		13,409	
80 81		Depreciation - no standard life assets Depreciation - modified life assets							10,616		1,773	
82		Depreciation - alternative depreciation in acco	ordance with CPP						-		-	
83	То	otal depreciation								24,025		15,182
84												
	4/:\. Di	sical active of Changes to Danuaciet	ion Duofilos						(\$000 t	unless otherwise sp	ecified)	
85	4(VI): DI	isclosure of Changes to Depreciat	ion Promes									
										Depreciation	Closing RAB value under 'non-	Closing RAB value
										charge for the	under 'non- standard'	under 'standard'
86 87		Asset or assets with changes to depreciation				Reaso	n for non-standard o	depreciation (text o	entry)		under 'non-	
87 88		Asset or assets with changes to depreciation				Reaso	n for non-standard o	depreciation (text o	entry)	charge for the	under 'non- standard'	under 'standard'
87 88 89		Asset or assets with changes to depreciation				Reaso	n for non-standard (	depreciation (text o	entry)	charge for the	under 'non- standard'	under 'standard'
87 88		Asset or assets with changes to depreciation				Reason	n for non-standard o	depreciation (text o	entry)	charge for the	under 'non- standard'	under 'standard'
87 88 89 90 91 92		Asset or assets with changes to depreciation				Reason	n for non-standard o	depreciation (text o	entry)	charge for the	under 'non- standard'	under 'standard'
87 88 89 90 91 92 93		Asset or assets with changes to depreciation				Reason	n for non-standard o	depreciation (text of	entry)	charge for the	under 'non- standard'	under 'standard'
87 88 89 90 91 92		Asset or assets with changes to depreciation  * include additional rows if needed				Reason	n for non-standard o	depreciation (text e	entry)	charge for the	under 'non- standard'	under 'standard'
87 88 89 90 91 92 93 94 95	4lvii\:	* include additional rows if needed				Reason	n for non-standard (	depreciation (text o	intry)	charge for the	under 'non- standard'	under 'standard'
87 88 89 90 91 92 93 94 95	4(vii): D					Reason			intry)	charge for the	under 'non- standard'	under 'standard'
87 88 89 90 91 92 93 94 95	4(vii): D	* include additional rows if needed				Reason	n for non-standard of		entry)	charge for the	under 'non- standard'	under 'standard'
87 88 89 90 91 92 93 94 95	ع (vii): D	* include additional rows if needed	Intermediate			Reason			entry)	charge for the period (RAB)	under 'non- standard' depreciation	under 'standard'
87 88 89 90 91 92 93 94 95	4(vii): D	* include additional rows if needed	Intermediate pressure main pipelines	Medium pressure	Low pressure main pipelines	Reason			Special crossings	charge for the	under 'non- standard'	under 'standard'
87 88 89 90 91 92 93 94 95 96 97		* include additional rows if needed	pressure main				(\$000 unless othe	rwise specified)		charge for the period (RAB)	under 'non- standard' depreciation	under 'standard' depreciation
87 88 89 90 91 92 93 94 95 96 97	To less	* include additional rows if needed  Disclosure by Asset Category  otal opening RAB value  Total depreciation	pressure main pipelines 58,547 1,584	main pipelines 310,833 7,940	main pipelines 11,990 333	Service pipe 70,446 2,205	(\$000 unless other  Stations 6,464 295	rwise specified) Line valve 3,929 168	Special crossings 4,757 149	Other network assets  11,485 850	Non-network assets 5,122 1,658	under standard' depreciation  Total  483,573 15,182
87 88 89 90 91 92 93 94 95 96 97 98 99 100	To less plus	* include additional rows if needed  Disclosure by Asset Category  otal opening RAB value  Total depreciation  Total revaluations	pressure main pipelines 58,547 1,584 234	310,833 7,940 1,239	11,990 333 48	Service pipe 70,446 2,205 278	(\$000 unless other  Stations  6.464 295 25	Line valve 3,929 168 16	Special crossings	Other network assets  11,485 850 54	Non-network assets 5,122 1,658 20	Total  483,573 15,182 1,933
87 88 89 90 91 92 93 94 95 96 97	To less	* include additional rows if needed  Disclosure by Asset Category  otal opening RAB value  Total depreciation	pressure main pipelines 58,547 1,584	main pipelines 310,833 7,940	main pipelines 11,990 333	Service pipe 70,446 2,205	(\$000 unless other  Stations 6,464 295	rwise specified) Line valve 3,929 168	Special crossings 4,757 149	Other network assets  11,485 850	Non-network assets 5,122 1,658	under standard' depreciation  Total  483,573 15,182
97 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104	less plus plus less plus	* include additional rows if needed  Disclosure by Asset Category  otal opening RAB value Total depreciation Total revaluations Assets commissioned Asset disposals Lost and found assets adjustment	pressure main pipelines 58,547 1,584 234 6,083	310,833 7,940 1,239 10,678	main pipelines 11,990 333 48 20	Service pipe 70,446 2,205 278 4,736	(\$000 unless other  Stations 6,464 295 25 1,596	rwise specified)  Line valve 3,929 168 166 1,028	Special crossings 4,757 149	Other network assets 11,485 850 544 1,253	Non-network assets 5,122 1,658 20 1,235 38	Total  483,573 15,182 1,933 26,629 143 (25)
87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105	less plus plus less plus plus	* include additional rows if needed  Disclosure by Asset Category  otal opening RAB value  Total depreciation Total revaluations Asset sommissioned Asset disposals Lost and found assets adjustment Adjustment resulting from asset allocation	pressure main pipelines 58,547 1,584 234 6,083	310,833 7,940 1,239 10,678 35	main pipelines 11,990 333 48 20	Service pipe 70,446 2,205 278 4,736 37	(\$000 unless other  Stations 6,464 295 25 1,596 7	rwise specified)  Line valve  3,929  168  16  1,028	Special crossings 4,757 149	Other network assets  11,485 850 54 1,253	Non-network assets 5,122 1,658 20 1,235	Total  483,573 15,182 1,933 26,629 143
97 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104	less plus plus less plus plus	* include additional rows if needed  Disclosure by Asset Category  otal opening RAB value Total depreciation Total revaluations Assets commissioned Asset disposals Lost and found assets adjustment	pressure main pipelines 58,547 1,584 234 6,083	310,833 7,940 1,239 10,678 35	main pipelines 11,990 333 48 20	Service pipe 70,446 2,205 278 4,736 37	(\$000 unless other  Stations 6,464 295 25 1,596 7	rwise specified)  Line valve  3,929  168  16  1,028	Special crossings 4,757 149	Other network assets  11,485 850 54 1,253	Non-network assets 5,122 1,658 20 1,235 38	Total  483,573 15,182 1,933 26,629 143 (25)
98 99 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108	To  less plus plus less plus plus plus plus	* include additional rows if needed  Disclosure by Asset Category  otal opening RAB value  Total depreciation Total revaluations Asset commissioned Asset disposals Lost and found assets adjustment Adjustment resulting from asset allocation Asset category transfers otal closing RAB value	pressure main pipelines  58,547  1,584  234  6,083  1	main pipelines  310,833 7,940 1,239 10,678 35 (13)	### main pipelines  11,990  333  48  20  6  11	Service pipe 70,446 2,205 278 4,736 37 (45)	(\$000 unless other  Stations 6,464 295 25 1,596 7 12	Line valve  3,929 168 16 1,028 3 1	Special crossings	Other network assets  11,485 850 54 1,253 166 19	Non-network assets 20 1,235 20 1,235 38 3 38 3 3 3 3 3 3 5 3 5 3 3 8 5 5 3 3 8 5 5 3 3 8 5 5 3 3 8 5 5 5 3 3 8 5 5 5 5	Total  **Total**  **To
98 99 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108	To  less plus plus less plus plus plus plus	* include additional rows if needed  Disclosure by Asset Category  otal opening RAB value  Total depreciation Total revaluations Assets commissioned Asset disposals Lost and found assets adjustment Adjustment resulting from asset allocation Asset category transfers otal closing RAB value	pressure main pipelines	main pipelines  310,833 7,940 1,239 10,678 35 (13) 314,762	11,990 333 48 20 6 11 11,720	Service pipe 70,446 2,205 278 4,736 37 (45)	(\$000 unless other Stations 6.464 295 25 1,596 7 12 - 7,795	rwise specified)  Line valve  3,929 168 166 1,028 3 1 4,803	Special crossings 4,757 149 19	Other network assets  11,485 850 54 1,253 166 19 11,945	Non-network assets 20 1,235 20 1,235 38 3 4,643	Total  483,573 15,182 1,933 26,629 143 (25) (38)
87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108	To  less plus plus less plus plus plus plus	* include additional rows if needed  Disclosure by Asset Category  otal opening RAB value  Total depreciation Total revaluations Asset commissioned Asset disposals Lost and found assets adjustment Adjustment resulting from asset allocation Asset category transfers otal closing RAB value	pressure main pipelines  58,547  1,584  234  6,083  1	main pipelines  310,833 7,940 1,239 10,678 35 (13)	### main pipelines  11,990  333  48  20  6  11	Service pipe 70,446 2,205 278 4,736 37 (45)	(\$000 unless other  Stations 6,464 295 25 1,596 7 12	Line valve  3,929 168 16 1,028 3 1	Special crossings	Other network assets  11,485 850 54 1,253 166 19	Non-network assets 20 1,235 20 1,235 38 3 38 3 3 3 3 3 3 5 3 5 3 3 8 5 5 3 3 8 5 5 3 3 8 5 5 3 3 8 5 5 5 3 3 8 5 5 5 5	Total  **Total**  **To





			Company Name	Vector g	as distribution business
			For Year Ended		30 June 2015
	SCHEDULE 5b: REPORT ON RELATED PART	Y TRANSA			
_	his schedule provides information on the valuation of related party			nination.	
	his information is part of audited disclosure information (as defined				by section 2.8.
sch r	ref				
7	5b(i): Summary—Related Party Transaction	ns	(\$000)		
8	Total regulatory income			968	
9	Operational expenditure			(57)	
10	Capital expenditure			-	
11	Market value of asset disposals			-	
12	Other related party transactions			-	
12	5b(ii): Entities Involved in Related Party Tra	ancactions			
13		diisactions			
14	Name of related party	г	Rela	ted party relations	hip
15	Vector Gas Limited (gas wholesale)	-	A fully owned unregulated business unit of Vector Gas	imited.	
16 17	Vector Communications Limited  Advanced Metering Services Limited	-	A fully owned subsidiary of Vector Limited.  A fully owned subsidiary of Vector Limited.		
18	Advanced Metering Services Enfinted	•	A fully owned substalary of vector Littlited.		
19		-			
20	* include additional rows if needed	L			
21	5b(iii): Related Party Transactions				
				Value of	
		Related party		transaction	
22	Name of related party to	ransaction type	Description of transaction	(\$000)	Basis for determining value
23	Vector Gas Limited (gas wholesale) S	iales	Sold distribution services	5,968	ID clause 2.3.7(2)(a)
24		ales			
		nex			
25			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
25 26				(5)	
			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28 29			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28 29 30			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28 29 30 31			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28 29 30 31 32			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28 29 30 31			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28 29 30 31 32 33			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28 29 30 31 32 33 34 35 36			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28 29 30 31 32 33 34 35 36 37	Vector Communications Limited C		Purchase of metering services	(5)	ID clause 2.3.6(2)(d)
26 27 28 29 30 31 32 33 34 35 36			Purchase of metering services	(5)	ID clause 2.3.6(2)(d)

Capital bonds – fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes – GBP fixed rate  Senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	atements, the w	veighted average orig	0riginal tenor (in years) 5.0 10 10 12 15	Coupon rate (%)  7  BKBM+ []VCI  BKBM + []VCI  BKBM + []VCI  7.625		Book value at date of financial statements (NZD) 262,422	Term Credit	Cost of executing an interest rate swap  [IVCI [	Debt issue cos readjustment  []V  []V  []V
chedule is only to be completed if, as at the date of the most recently published financial stasure information (as defined in section 1.4 of the ID determination), and so is subject to the state of the information (as defined in section 1.4 of the ID determination), and so is subject to the state of the information (as defined in section 1.4 of the ID determination), and so is subject to the state of the information of the inf	Issue date 15-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	Pricing date  Pricing date  14-Jun-12  4-Apr-07  26-Oct-05  26-Oct-05  8-Apr-08  19-Jul-04  19-Jul-04	0riginal tenor (in years) 5.0 10 10 12 15	Coupon rate (%)  7  BKBM+ []VCI  BKBM + []VCI  BKBM + []VCI  7.625	800k value at issue date (NZD) 262,651 200,000 250,000 400,000 350,000 1,200,000	Book value at date of financial statements (NZD) 262,422	Term Credit Spread Difference [JVCI [JVCI [JVCI ]JVCI [JVCI	Cost of executing an interest rate swap  [IVCI  [IVCI  [IVCI  [IVCI  [IVCI  [IVCI  [IVCI	Debt issue cos readjustment []v
Issuing party  Issuing party  Capital bonds - fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	Issue date  15-Jun-12  4-Apr-07  26-Oct-05  26-Oct-05  11-Apr-08  16-Sep-04  420-Dec-10	Pricing date  14-Jun-12  4-Apr-07  26-Oct-05  26-Oct-05  8-Apr-08	0riginal tenor (in years) 5.0 10 10 12 15	Coupon rate (%)  7  BKBM+ []VCI  BKBM + []VCI  BKBM + []VCI  7.625	800k value at issue date (NZD) 262,651 200,000 250,000 400,000 350,000 1,200,000	Book value at date of financial statements (NZD) 262,422	Term Credit Spread Difference [JVCI [JVCI [JVCI ]JVCI [JVCI	Cost of executing an interest rate swap  [IVCI  [IVCI  [IVCI  [IVCI  [IVCI  [IVCI  [IVCI	Debt issue coorreadjustment
Issuing party  Capital bonds – fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes – GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate	15-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 11-Apr-08 116-Sep-04 16-Sep-04 20-Dec-10	Pricing date  14-Jun-12  4-Apr-07  26-Oct-05  26-Oct-05  26-Oct-05  8-Apr-08  19-Jul-04 19-Jul-04	Original tenor (in years)  5.0  10  10  12  15  10.8	7  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  7.625	262,651 200,000 250,000 400,000 350,000 1,200,000 285,614	date of financial statements (NZD) 262,422	Spread Difference []vci []vci []vci []vci []vci []vci	an interest rate swap  [IVCI	readjustmen  (1)  (2)  (3)
Capital bonds – fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes – GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate	15-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	14-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 8-Apr-08	years) 5.0 10 10 12 15 10.8	7  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  7.625	262,651 200,000 250,000 400,000 350,000 1,200,000 285,614	date of financial statements (NZD) 262,422	Spread Difference []vci []vci []vci []vci []vci []vci	an interest rate swap  [IVCI	readjustmer
Capital bonds – fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes – GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate	15-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	14-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 8-Apr-08	years) 5.0 10 10 12 15 10.8	7  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  7.625	262,651 200,000 250,000 400,000 350,000 1,200,000 285,614	date of financial statements (NZD) 262,422	Spread Difference []vci []vci []vci []vci []vci []vci	an interest rate swap  [IVCI	readjustme [ [ [
Capital bonds – fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes – GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate	15-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	14-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 8-Apr-08	years) 5.0 10 10 12 15 10.8	7  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  7.625	262,651 200,000 250,000 400,000 350,000 1,200,000 285,614	date of financial statements (NZD) 262,422	Spread Difference []vci []vci []vci []vci []vci []vci	an interest rate swap  [IVCI	readjustme [ [ [
Capital bonds – fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes – GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate	15-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	14-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 8-Apr-08	years) 5.0 10 10 12 15 10.8	7  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  7.625	262,651 200,000 250,000 400,000 350,000 1,200,000 285,614	date of financial statements (NZD) 262,422	Spread Difference []vci []vci []vci []vci []vci []vci	an interest rate swap  [IVCI	readjustme [ [ [
Capital bonds - fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	15-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	14-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 8-Apr-08	years) 5.0 10 10 12 15 10.8	7  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  7.625	262,651 200,000 250,000 400,000 350,000 1,200,000 285,614	date of financial statements (NZD) 262,422	Spread Difference []vci []vci []vci []vci []vci []vci	an interest rate swap  [IVCI	readjustmer
Capital bonds - fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	15-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	14-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 8-Apr-08	years) 5.0 10 10 12 15 10.8	7  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  7.625	262,651 200,000 250,000 400,000 350,000 1,200,000 285,614	date of financial statements (NZD) 262,422	Spread Difference []vci []vci []vci []vci []vci []vci	an interest rate swap  [IVCI	readjustmer
Capital bonds - fixed coupon  Floating rate notes  Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	15-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	14-Jun-12 4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 8-Apr-08	years) 5.0 10 10 12 15 10.8	7  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  BKBM+ []VCI  7.625	262,651 200,000 250,000 400,000 350,000 1,200,000 285,614	262,422 1,156,080	Spread Difference []vci []vci []vci []vci []vci []vci	[]ACI []ACI []ACI []ACI []ACI []ACI	readjustme [ [ [
Floating rate notes  Subtotal of floating rate notes  Medium term notes — GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	4-Apr-07  26-Oct-05  26-Oct-05  26-Oct-05  8-Apr-08  19-Jul-04  19-Jul-04	10 10 12 15 10.8	BKBM+ []VCI BKBM+ []VCI BKBM+ []VCI BKBM+ []VCI 7.625	200,000 250,000 400,000 350,000 1,200,000 285,614	1,156,080	[]ACI []ACI []ACI []ACI	[]Act []Act []Act []Act	E E
Floating rate notes  Subtotal of floating rate notes  Medium term notes – GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	4-Apr-07 26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	4-Apr-07  26-Oct-05  26-Oct-05  26-Oct-05  8-Apr-08  19-Jul-04  19-Jul-04	10 10 12 15 10.8	BKBM+ []VCI BKBM+ []VCI BKBM+ []VCI BKBM+ []VCI 7.625	200,000 250,000 400,000 350,000 1,200,000 285,614	1,156,080	[]ACI []ACI []ACI []ACI	[]Act []Act []Act []Act	[
Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	26-Oct-05 26-Oct-05 26-Oct-05 8-Apr-08 19-Jul-04 19-Jul-04	10 12 15 10.8	BKBM + []VCI  BKBM + []VCI  BKBM + []VCI  7.625	250,000 400,000 350,000 1,200,000 285,614		Dvci (Jvci (Jvci (Jvci	[]ACI []ACI []ACI	[
Subtotal of floating rate notes  Medium term notes – GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate	26-Oct-05 26-Oct-05 26-Oct-05 11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	26-Oct-05 26-Oct-05 26-Oct-05 8-Apr-08 19-Jul-04 19-Jul-04	10 12 15 10.8	BKBM + []VCI  BKBM + []VCI  BKBM + []VCI  7.625	250,000 400,000 350,000 1,200,000 285,614		Dvci (Jvci (Jvci (Jvci	[]ACI []ACI []ACI	[
Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	26-Oct-05  26-Oct-05  11-Apr-08  16-Sep-04 16-Sep-04 20-Dec-10	26-Oct-05 26-Oct-05 8-Apr-08 19-Jul-04 19-Jul-04	12 15 10.8	ВКВМ + []VCI ВКВМ + []VCI 7.625	400,000 350,000 1,200,000 285,614		[]vc1	[]vci	[
Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	26-Oct-05  26-Oct-05  11-Apr-08  16-Sep-04 16-Sep-04 20-Dec-10	26-Oct-05 26-Oct-05 8-Apr-08 19-Jul-04 19-Jul-04	12 15 10.8	ВКВМ + []VCI ВКВМ + []VCI 7.625	400,000 350,000 1,200,000 285,614		[]vc1	[]vci	[
Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	26-Oct-05  11-Apr-08  16-Sep-04 16-Sep-04 20-Dec-10	26-Oct-05 8-Apr-08 19-Jul-04 19-Jul-04	15 10.8 12 15	7.625	350,000 1,200,000 285,614		[]vcr	[]vci	ļ
Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	26-Oct-05  11-Apr-08  16-Sep-04 16-Sep-04 20-Dec-10	26-Oct-05 8-Apr-08 19-Jul-04 19-Jul-04	15 10.8 12 15	7.625	350,000 1,200,000 285,614		[]vcr	[]vci	ļ
Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	8-Apr-08 19-Jul-04 19-Jul-04	10.8 12 15	7.625	1,200,000		[]VCI	[]vcɪ	
Subtotal of floating rate notes  Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	11-Apr-08 16-Sep-04 16-Sep-04 20-Dec-10	8-Apr-08 19-Jul-04 19-Jul-04	10.8 12 15	7.625	1,200,000		[]VCI	[]vcɪ	
Medium term notes – GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	16-Sep-04 16-Sep-04 20-Dec-10	19-Jul-04 19-Jul-04	12 15	5.51	285,614				
Medium term notes - GBP fixed rate  Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	16-Sep-04 16-Sep-04 20-Dec-10	19-Jul-04 19-Jul-04	12 15	5.51		265,122			
Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate	16-Sep-04 16-Sep-04 20-Dec-10	19-Jul-04 19-Jul-04	12 15	5.51		265,122			
Senior notes - USD fixed rate Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	16-Sep-04 20-Dec-10	19-Jul-04	15		98,875		[]VCI	(I) (C)	
Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	16-Sep-04 20-Dec-10	19-Jul-04	15		98,875		IJVI	Diver	
Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	16-Sep-04 20-Dec-10	19-Jul-04	15		98,875		LIACI	[DACT	
Senior notes - USD fixed rate Senior notes - USD fixed rate Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	20-Dec-10								
Senior notes - USD fixed rate  Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate		22-Sep-10		5.75	296,623		[]VCI	[]VCI	
Subtotal of senior notes - USD fixed rate  Bank facilities - variable rate	14-Oct-14		12	[]VCI	250,516		[]VCI	[]VCI	
Bank facilities - variable rate		19-Jun-14	7	[]VCI	150,000	903,698	[]VCI	[]VCI	
					796,014	903,698			
	3-Feb-15	3-Feb-15	3	BKBM +[]VCI					
	3-Feb-15	3-Feb-15	3	BKBM + []VCI					
	3-Feb-15	3-Feb-15	3	BKBM + []VCI					
	17-Dec-13	11-Nov-13	3	BKBM + []VCI					
	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 bank facilities						248,248			
* to distribute and the conditions of a condition						2.025.570	Die	Disco	
* include additional rows if needed						2,835,570	[]VCI	[]VCI	
(m) and (m) (m) (m)									
c(ii): Attribution of Term Credit Spread Differential									
				1					
Gross term credit spread differential			1,136						
Total book value of interest bearing debt		2,468,988							
Leverage Average opening and closing RAB values		490,160							
Average opening and closing KAB values  Attribution Rate (%)		490,160		1					
Action of 1/0)									
Term credit spread differential allowance			9%						

			г			
			Company Name	Vector g	as distribution	business
			For Year Ended		30 June 2015	
	SCHEDULE 5d: REPORT ON COST ALLOCATIONS  This schedule provides information on the allocation of operational costs. GDBs must provide explanatory comment on their cost alloc. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the as:  or ref			otes), including on th	e impact of any recl	assifications.
	5d(i): Operating Cost Allocations					
1	8		Value alloca			
		Arm's length	Gas distribution	Non-gas distribution		OVABAA allocation
	g	deduction	services	services	Total	increase (\$000s)
1	Service interruptions, incidents and emergencies					
1.	• • •		3,930			
1.	, and the second			-		
1.			3,930		•	
1.	Routine and corrective maintenance and inspection					
1:	·		4,382			
1			-	-		-
1	7 Total attributable to regulated service		4,382			
1	8 Asset replacement and renewal					
1	Directly attributable		-			
21	Not directly attributable		-	-		-
2.	Total attributable to regulated service		-			
2.	System operations and network support					
2.	23 Directly attributable		1,588			
2	Not directly attributable		- 1,492	8,037	9,529	-
2:	Total attributable to regulated service		3,080			
2	Business support					
2	27 Directly attributable		298			
2	Not directly attributable		- 5,223	37,186	42,409	-
2	· ·		5,521			
31						
3.			10,198	45 222	54.000	
3.	· · · ·		6,715	45,223	51,938	-
3.	Operational expenditure		16,913			

					Company Name	Vector	gas distribution	business
					For Year Ended		30 June 2015	
S	CHEDULE 5d: REPORT ON COST ALLOC	ATIONS						
Thi	s schedule provides information on the allocation of operatic s information is part of audited disclosure information (as de	onal costs. GDBs must provide explanatory comment				otes), including on th	ne impact of any recl	assifications.
sch ref								
35	5d(ii): Other Cost Allocations				Value alloca			
				Arm's length	Gas distribution	Non-gas distribution		OVABAA allocation
36	Pass through and recoverable costs			deduction	services	services	Total	increase (\$000s)
37	Pass through costs							
38	Directly attributable		_		2,887			
39	Not directly attributable				-			-
40	Total attributable to regulated service				2,887			
41	Recoverable costs							
42 43	Directly attributable  Not directly attributable							
44	Total attributable to regulated service		L		_			
45	5d(iii): Changes in Cost Allocations* †							
46						(\$	000)	
47	Change in cost allocation 1		•			CY-1	Current Year (CY)	•
48	Cost category				Original allocation			
49 50	Original allocator or line items  New allocator or line items				New allocation Difference			
51	New allocator or line items		J		Difference			ı
52	Rationale for change							
53	·							
54								
55							000)	
56 57	Change in cost allocation 2  Cost category		1		Original allocation	CY-1	Current Year (CY)	1
58	Original allocator or line items				New allocation			
59	New allocator or line items				Difference			1
60								
61 62	Rationale for change							
63								J
64						(\$	000)	
65	Change in cost allocation 3		1			CY-1	Current Year (CY)	1
66	Cost category				Original allocation			
67 68	Original allocator or line items				New allocation			
69	New allocator or line items				Difference			
70 71	Rationale for change							
72								1
73	* a change in cost allocation must be completed for each	cost allocator change that has occurred in the disclos	ure year. A movement in	an allocator metr	ic is not a change in a	llocator or compone	ent.	
74	† include additional rows if needed							

		Company Name	Vector gas distribution business
		For Year Ended	
S	CHEDULE 5e: REPORT ON ASSET ALLOC	ATIONS	
		s. This information supports the calculation of the RAB value in Schedule 4. G	
	edule 14 (Mandatory Explanatory Notes), including on the impa I so is subject to the assurance report required by section 2.8.	act of any changes in asset allocations. This information is part of audited disc	losure information (as defined in section 1.4 of the ID determination),
sch rej			
7	5e(i): Regulated Service Asset Values		
			Value allocated
8			(\$000s)
9			Gas distribution services
10	Main pipe		
11	Directly attributable		389,761
12 13	Not directly attributable  Total attributable to regulated service		389,761
14	Service pipe		303,701
15	Directly attributable		73,173
16	Not directly attributable		-
17	Total attributable to regulated service Stations		73,173
18 19	Directly attributable		7,795
20	Not directly attributable		_
21	Total attributable to regulated service		7,795
22 23	Line valve Directly attributable		4,803
24	Not directly attributable		4,005
25	Total attributable to regulated service		4,803
26	Special crossings		
27 28	Directly attributable Not directly attributable		4,627
29	Total attributable to regulated service		4,627
30	Other network assets		
31	Directly attributable		11,945
32 33	Not directly attributable  Total attributable to regulated service		11,945
34	Non-network assets		22,0.10
35	Directly attributable		904
36	Not directly attributable		3,739
37 38	Total attributable to regulated service		4,643
39	Regulated service asset value directly attributable		493,008
40 41	Regulated service asset value not directly attributa Total closing RAB value	ble	3,739 496,747
42	• • • • • • • • • • • • • • • • • • • •		
42	5e(ii): Changes in Asset Allocations* †		
43 44	Se(ii). Changes in Asset Anocauons		
45	Change in asset value allocation 1		(\$000)
46			CY-1 Current Year (CY)
47 48	Asset category Original allocator or line items		Original allocation New allocation
49	New allocator or line items		Difference
50	Dationals for sk		
51 52	Rationale for change		
53			
54 55	Change in asset value allocation 2		(\$000) CY-1 Current Year (CY)
56	Asset category		Original allocation
57	Original allocator or line items		New allocation
58 59	New allocator or line items		Difference
60	Rationale for change		
61			
62 63			(\$000)
64	Change in asset value allocation 3		CY-1 Current Year (CY)
65	Asset category		Original allocation New allocation
66 67	Original allocator or line items New allocator or line items		Difference
68			
69	Rationale for change		
70 71			
72		illocator or component change that has occurred in the disclosure year. A mo	wement in an allocator metric is not a change in allocator or
73	† include additional rows if needed		

Vector gas distribution business Company Name 30 June 2015 For Year Ended 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) 6a(i): Expenditure on Assets Consumer connection 15,201 System growth 1,582 10 Asset replacement and renewal 5,249 11 Asset relocations 2,091 Reliability, safety and environment: 13 Quality of supply 14 Legislative and regulatory 15 Other reliability, safety and environment 16 Total reliability, safety and environment 24.279 17 Expenditure on network assets Expenditure on non-network assets 1,326 19 20 **Expenditure on assets** 25,605 21 plus Cost of financing 458 22 Value of capital contributions Value of vested assets 24 25 21,528 Capital expenditure (\$000) 6a(ii): Subcomponents of Expenditure on Assets (where known) 26 Research and development 27 6a(iii): Consumer Connection 28 29 Consumer types defined by GDB\* (\$000) (\$000) 30 Mains Extensions/Subdivsions 7,127 31 Service Connections - Residential Service Connections - Commercial 1,701 32 Customer Easements 33 34 \* include additional rows if needed 35 36 37 15,201 Consumer connection expenditure 38 Capital contributions funding consumer connection expenditure 39 12,720 Consumer connection less capital contributions

Vector gas distribution business Company Name 30 June 2015 For Year Ended 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 6a(iv): System Growth and Asset Replacement and Renewal Asset Replacement and Renewal 42 System Growth 43 (\$000) (\$000) Intermediate pressure 44 45 Main pipe 46 Service pipe 1.020 999 47 Stations 48 Line valve 355 49 Special crossings 1.027 1,598 50 Intermediate pressure -total 51 Medium pressure 52 Main pipe 555 1,263 53 47 Service pipe 54 Stations 35 Line valve 55 56 Special crossings 57 Medium pressure - total 1,345 58 Low pressure 59 Main pipe 1,377 Service pipe 60 61 Line valve 62 Special crossings 63 Low pressure - total 1,377 Other network assets 64 Monitoring and control systems 66 Cathodic protection systems 576 349 67 Other assets (other than above) 68 Other network assets - total 929 69 5,249 70 System growth and asset replacement and renewal expenditure 71 Capital contributions funding system growth and asset replacement and renewal 48 72 System growth and asset replacement and renewal less capital contributions 5,201 6a(v): Asset Relocations 73 (\$000) (\$000) Project or programme 75 76 77 78 79 80 include additional rows if needed 2.091 All other projects or programmes - asset relocations 81 82 Asset relocations expenditure 2.091 83 Capital contributions funding asset relocations Asset relocations less capital contributions

		Company Name	Vector gas distribution business
		For Year Ended	30 June 2015
<b>SCHEDU</b>	LE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE	DISCLOSURE YEAR	
This schedule	requires a breakdown of capital expenditure on assets incurred in the disclosure ye	ar, including any assets in respe	ect of which capital contributions are received, but
	ets that are vested assets. Information on expenditure on assets must be provided o		and must exclude finance costs.
	ovide explanatory comment on their expenditure on assets in Schedule 14 (Explana on is part of audited disclosure information (as defined in section 1.4 of the ID dete		the assurance report required by section 2.8
	on a part of address discussive information (as defined in section 21) of the 15 dete	initiation,, and so is subject to	and assurance report required by section 2.0.
h ref			
	N = 111		
	): Quality of Supply		(4000)
36 37	Project or programme*		(\$000) (\$000)
88			
89			
90			
91			
92	* include additional rows if needed		72
93	All other projects or programmes - quality of supply  Quality of supply expenditure		73
95 less	Capital contributions funding quality of supply		73
96	Quality of supply less capital contributions		73
97			
98 <b>6a(v</b> i	i): Legislative and Regulatory		
99	Project or programme*		(\$000) (\$000)
00			
01 02			
03			
04			
05	* include additional rows if needed		
06	All other projects or programmes - legislative and regulatory		
07	Legislative and regulatory expenditure		
08 less	Capital contributions funding legislative and regulatory		
09 10	Legislative and regulatory less capital contributions		
10			
11 6a(vi	ii): Other Reliability, Safety and Environment		
12	Project or programme*		(\$000)(\$000)
13			
14			
15			
16 17			
18	* include additional rows if needed		
19	All other projects or programmes - other reliability, safety and environment		83
20	Other reliability, safety and environment expenditure		83
21 less	Capital contributions funding other reliability, safety and environment		
22	Other reliability, safety and environment less capital contributions		83
22 Galiv	): Non-Network Assets		
23 <b>6a(IX</b> 24	Routine expenditure		
25	Project or programme*		(\$000) (\$000)
26			
27			
28			
29			
30	* include additional rows if readed		
31 32	* include additional rows if needed  All other projects or programmes - routine expenditure		486
33	Routine expenditure		486
			400
34	Atypical expenditure		(\$200)
35	Project or programme*		(\$000) (\$000)
36 37			
38			
39			
40			
41	* include additional rows if needed		
42	All other projects or programmes - atypical expenditure		840
43	Atypical expenditure		840
44	- "		
45	Expenditure on non-network assets		1,326

ı				
ı		Company Name	Vector gas distribution business	
ı		For Year Ended	30 June 2015	
ı	S	SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR	AR	
l	Tŀ	his schedule requires a breakdown of operational expenditure incurred in the current disclosure year. GDBs must provide explanat	ory comment on their operational expenditure in	
l		chedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and asse	ts replaced or renewed as part of asset replacement	
		nd renewal operational expenditure, and additional information on insurance.		
l	Th	his 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.	
l				
ı	sch r	ref		
I		Ch(t) Operational Europe Street	(\$000) (\$000)	
	7	6b(i): Operational Expenditure	(\$000)	
l	8	Service interruptions, incidents and emergencies	3,930	
l	9	Routine and corrective maintenance and inspection	4,382	
l	10	Asset replacement and renewal	-	
l	11	Network opex	8,312	
ı	12	System operations and network support	3,080	
ı	13	Business support	5,521	
l	14	Non-network opex	8,601	
ı	15			
ı	16	Operational expenditure	16,913	
ı				
ı	17	6b(ii): Subcomponents of Operational Expenditure (where known)		
ı	18	Research and development	-	
l	19	Insurance	200	
ı				

**Vector gas distribution business** Company Name 30 June 2015 For Year Ended 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 Target (\$000) 1 Actual (\$000) % variance 7(i): Revenue 8 9 Line charge revenue 73,999 75.528 2% 7(ii): Expenditure on Assets Forecast (\$000) 2 Actual (\$000) % variance 10 Consumer connection 17,204 15,201 (12%) 11 12 System growth 4,394 1,582 (64%) 13 Asset replacement and renewal 5,067 5,249 4% 4,311 2,091 (51%) 14 Asset relocations 15 Reliability, safety and environment: 16 Quality of supply 664 73 (89%) 17 Legislative and regulatory 18 Other reliability, safety and environment 83 19 Total reliability, safety and environment 664 156 (77% **Expenditure on network assets** 31,640 24,279 (23%) Expenditure on non-network assets (11% 22 **Expenditure on assets** 33,132 25,605 (23%) 23 7(iii): Operational Expenditure 3,930 24 Service interruptions, incidents and emergencies 3,904 1% 4,554 25 Routine and corrective maintenance and inspection 4,382 (4% 26 Asset replacement and renewal 27 8,458 8,312 (2% Network opex 4,048 3,080 (24%) 28 System operations and network support 29 **Business support** 8,277 5,521 (33%) 30 Non-network opex 12,325 8,601 (30%) 31 **Operational expenditure** 20,783 16,913 (19% 7(iv): Subcomponents of Expenditure on Assets (where known) 32 33 Research and development 7(v): Subcomponents of Operational Expenditure (where known) 34

35

36

37

38

Research and development

200

266

(25%)

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

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

											the safe or become	
								Company Name			ibution busines	15
								For Year Ended			e 2015	
							Network / Sub-	Network Name		Combined	l networks	
his sch ategor		ED QUANTITIES AND LINE CH sociated line charge revenues for the disclosur ICPs.		price category code used by	the GDB in its pricing sched	lules. Information is also requ	ired on the number of	ICPs that are includ	ed in each consume	r group or price		
ref												
	8(i): Billed quantities by price	component										
		•					Billed quantities by	nrice component				Add extra columns
							billed qualitaties by	price component				for additional
						Price component	Fixed	Variable				billed quantities by price component as necessary
	Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Quantity of gas delivered (TJ)	Unit charging basis (eg, days, GJ, etc.)	Days	kWh				
	GAOR	Residential	Standard	90,326	2,191		32,938,863	608.638.344	I			<b>ጎ</b>
	GA01	Commercial	Standard	2,259	237		821,886	65,729,883				-
	GA02	Commercial	Standard	2,553	857		930,783	238,115,465				-
	GA03	Commercial	Standard	873	1,859		318,389	516,275,838				•
	GA04	Commercial	Standard	143	2,074		52,022	576,065,046				
	GNOR	Residential	Standard	61,409	1,317		22,388,515	365,753,182				1
	GN01	Commercial	Standard	2,137	176		778,926	48,825,421				1
	GN02	Commercial	Standard	1,385	437		504,879	121,462,734				1
	GN03	Commercial	Standard	515	928		187,941	257,896,521				1
	GN04	Commercial	Standard	74	1,323		26,756	367,471,817				1
	Non-standard	Commercial	Non-standard	74	11,004		25,906	3,056,668,269				1
			[Select one]									
	Add extra rows for additional consumer	groups or price category codes as necessary										Ī
			Standard consumer totals	161,674	11,398		58,948,960	3,166,234,251	-	-	-	À
			Non-standard consumer totals	74	11,004		25,906	3,056,668,269	-	-	-	
			Total for all consumers	161,748	22,402		58,974,866	6,222,902,520				4

							Г				
							ompany Name		Vector gas distr		SS
						F	or Year Ended			e 2015	
						Network / Sub-N	letwork Name		Combined	l networks	
	ED QUANTITIES AND LINE CH ssociated line charge revenues for the disclosu ICPs.		price category code used b	y the GDB in its pricing schedu	les. Information is also requ	ired on the number of	ICPs that are includ	ed in each consum	er group or price		
8(ii): Line charge revenues (\$	000) by price component										
. ,						Line charge revenues	(\$000) by price co	mponent			Add extra co
					Price component	Fixed	Variable				for addition charge rev by pric compone
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 from posted discounts (if applicable)	Rate (eg, \$ per day, \$ per GJ, etc.)	\$/Day	\$/kWh				necessa
CAOD	Residential	Chandrad	405.005			440.750	A45.475		I	T	7
GA0R GA01	Commercial	Standard Standard	\$26,225 \$1,571			\$10,750 \$460	\$15,475 \$1,111				
GA02	Commercial	Standard	\$1,571			\$926	\$1,111				-
GA03	Commercial	Standard	\$6,529			\$1,365	\$5,164				-
GA04	Commercial	Standard	\$4,525			\$685	\$3,840				-
GN0R	Residential	Standard	\$16,671			\$7,349	\$9,322				1
GN01	Commercial	Standard	\$1,267			\$438	\$829				1
GN02	Commercial	Standard	\$2,099			\$505	\$1,594				1
GN03	Commercial	Standard	\$3,406			\$811	\$2,595				1
GN04	Commercial	Standard	\$2,829			\$354	\$2,475				1
Non-standard	Commercial	Non-standard	\$6,370			\$5,541	\$829				
		[Select one]	-								
Add extra rows for additional consumer	groups or price category codes as necessary	•					<u> </u>		•	•	
		Standard consumer totals	\$69,158	-		\$23,643	\$45,515	-	-	-	]
		Non-standard consumer totals	\$6,370	-		\$5,541	\$829	-	-	-	
		Total for all consumers	\$75,528			\$29,184	\$46,344				

							Company Name		Vector gas dist	ribution busin	ess
							For Year Ended			ckland	
DULE O. DEDORT ON BULL	ED OLIANITITIES AND LINE OU	ADOL DEVENITE				Network / Sub-	Network Name		Auc	ckiano	
	ED QUANTITIES AND LINE CH ssociated line charge revenues for the disclosu ICPs.		price category code used	by the GDB in its pricing sche	dules. Information is also requ	ired on the number o	f ICPs that are inclu	ided in each consur	ner group or price		
(i): Billed quantities by price	component										Add extra
						Billed quantities by	price component	1	T	1	columns for
											additional billed
					Price component	Fixed	Variable				quantities by price
											component as necessary
											necessary
					Unit charging						
C	C	Shandard areas shandard	A of ICDs in	Quantity of gas delivered	basis (eg, days, GJ,	Days	kWh				
Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	disclosure year	(TJ)	etc.)						
category code	commercial, etc.)	consumer group (specify)	alstrosure year	(12)							_
GAOR	Residential	Standard	90,326	2,191		32,938,863	608,638,344			1	
GA01	Commercial	Standard	2,259	237		821,886	65,729,883		<u> </u>		
GA02	Commercial	Standard	2,553	857		930,783	238,115,465				
GA03	Commercial	Standard	873	1,859		318,389	516,275,838				
GA04	Commercial	Standard	143	2,074		52,022	576,065,046				
Non-standard	Commercial	Non-standard	46	5,116		16,781	1,421,099,493				
		[Select one]									
		[Select one]									
		[Select one]									
		[Select one]									_
<u> </u>		[Select one]									_
		[Select one]									
Add asker asses for additional assessment			L						•		_
Add extra rows for additional consume	er groups or price category codes as necessary		06 154	7 217		25.061.042	2 004 924 576				_ _
Add extra rows for additional consume	er groups or price category codes as necessary	Standard consumer totals	96,154	7,217 5.116		35,061,943 16,781	2,004,824,576			-	<u>-</u> -
Add extra rows for additional consume	er groups or price category codes as necessary		96,154 46 96,200	7,217 5,116 12,333		35,061,943 16,781 35,078,724	2,004,824,576 1,421,099,493 3,425,924,069		-	-	- - - -
Add extra rows for additional consume  (ii): Line charge revenues (\$0		Standard consumer totals Non-standard consumer totals	46	5,116		16,781	1,421,099,493 3,425,924,069	omponent		-	Add extra
		Standard consumer totals Non-standard consumer totals	46	5,116		16,781 35,078,724	1,421,099,493 3,425,924,069 es (\$000) by price of	omponent		-	columns for
		Standard consumer totals Non-standard consumer totals	46	5,116	Price component	16,781 35,078,724	1,421,099,493 3,425,924,069	omponent		-	
		Standard consumer totals Non-standard consumer totals	46	5,116	Price component	16,781 35,078,724	1,421,099,493 3,425,924,069 es (\$000) by price of	omponent		-	columns for additional line charge revenues by price
		Standard consumer totals Non-standard consumer totals	46	5,116	Price component Rate (eg, \$ per day, \$ per GJ, etc.)	16,781 35,078,724	1,421,099,493 3,425,924,069 es (\$000) by price of	omponent		-	columns for additional line charge revenues
B(ii): Line charge revenues (\$1  Consumer group name or price category code	OOO) by price component  Consumer type or types (eg, residential, commercial, etc.)	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724 Line charge revenue Fixed	1,421,099,493 3,425,924,069 ss (\$000) by price of Variable \$/kWh	omponent		-	columns for additional line charge revenues by price component as
B(ii): Line charge revenues (\$0  Consumer group name or price	000) by price component  Consumer type or types (eg, residential,	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard	46 96,200 Total line charge revenue in disclosure	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724 Line charge revenue	1,421,099,493 3,425,924,069 3,425,924,069 4s (\$000) by price of Variable	omponent			columns for additional line charge revenues by price component as
B(ii): Line charge revenues (\$0  Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724 Line charge revenue Fixed \$/Day	1,421,099,493 3,425,924,069 4ss (\$000) by price or Variable \$/kWh	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3	Consumer type or types (eg, residential, commercial, etc.)  Residential Commercial	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard Standard	Total line charge revenue in disclosure year \$26,225 \$1,571	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724 Line charge revenue Fixed \$/Day	1,421,099,493 3,425,924,069  Variable  \$/kwh  \$15,475 \$1,111 \$3,110 \$5,164	omponent		-	columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3 GAO4	Consumer type or types (eg, residential, commercial, etc.)  Residential Commercial Commercial Commercial Commercial Commercial	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard Standard Standard Standard Standard	Total line charge revenue in disclosure year  \$26,225 \$1,571 \$4,036 \$6,529 \$4,525	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724 Line charge revenue Fixed \$/Day \$10,750 \$460 \$926 \$1,365 \$685	1,421,099,493 3,425,924,069  Variable  \$/kWh  \$15,475 \$1,111 \$3,110 \$5,164 \$53,840	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3	Consumer type or types (eg, residential, commercial, etc.)  Residential Commercial Commercial Commercial	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard Standard Standard Standard Non-standard Non-standard	Total line charge revenue in disclosure year \$26,225 \$1,571 \$4,036 \$6,529	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724 Line charge revenue Fixed 5/Day \$10,750 \$460 \$926 \$1,365	1,421,099,493 3,425,924,069  Variable  \$/kwh  \$15,475 \$1,111 \$3,110 \$5,164	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3 GAO4	Consumer type or types (eg, residential, commercial, etc.)  Residential Commercial Commercial Commercial Commercial Commercial	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard	Total line charge revenue in disclosure year  \$26,225 \$1,571 \$4,036 \$6,529 \$4,525	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724 Line charge revenue Fixed \$/Day \$10,750 \$460 \$926 \$1,365 \$685	1,421,099,493 3,425,924,069  Variable  \$/kWh  \$15,475 \$1,111 \$3,110 \$5,164 \$53,840	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3 GAO4	Consumer type or types (eg, residential, commercial, etc.)  Residential Commercial Commercial Commercial Commercial Commercial	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard	Total line charge revenue in disclosure year  \$26,225 \$1,571 \$4,036 \$6,529 \$4,525	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724 Line charge revenue Fixed \$/Day \$10,750 \$460 \$926 \$1,365 \$685	1,421,099,493 3,425,924,069  Variable  \$/kWh  \$15,475 \$1,111 \$3,110 \$5,164 \$53,840	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3 GAO4	Consumer type or types (eg, residential, commercial, etc.)  Residential Commercial Commercial Commercial Commercial Commercial	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard	Total line charge revenue in disclosure year  \$26,225 \$1,571 \$4,036 \$6,529 \$4,525	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724 Line charge revenue Fixed \$/Day \$10,750 \$460 \$926 \$1,365 \$685	1,421,099,493 3,425,924,069  Variable  \$/kWh  \$15,475 \$1,111 \$3,110 \$5,164 \$53,840	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3 GAO4	Consumer type or types (eg, residential, commercial, etc.)  Residential Commercial Commercial Commercial Commercial Commercial	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard	Total line charge revenue in disclosure year  \$26,225 \$1,571 \$4,036 \$6,529 \$4,525	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724  Line charge revenue  Fixed  \$/Day  \$10,750 \$460 \$926 \$1,365 \$585	1,421,099,493 3,425,924,069  Variable  \$/kWh  \$15,475 \$1,111 \$3,110 \$5,164 \$53,840	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3 GAO4	Consumer type or types (eg, residential, commercial, etc.)  Residential Commercial Commercial Commercial Commercial Commercial	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard	Total line charge revenue in disclosure year  \$26,225 \$1,571 \$4,036 \$6,529 \$4,525	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724  Line charge revenue  Fixed  \$/Day  \$10,750 \$460 \$926 \$1,365 \$585	1,421,099,493 3,425,924,069  Variable  \$/kWh  \$15,475 \$1,111 \$3,110 \$5,164 \$53,840	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3 GAO4 Non-standard	Consumer type or types (eg, residential, commercial Com	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard Standard Standard Standard Standard Standard Standard Standard Stendard Stelect one] [Select one] [Select one] [Select one]	Total line charge revenue in disclosure year  \$26,225 \$1,571 \$4,036 \$6,529 \$4,525	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724  Line charge revenue  Fixed  \$/Day  \$10,750 \$460 \$926 \$1,365 \$585	1,421,099,493 3,425,924,069  Variable  \$/kWh  \$15,475 \$1,111 \$3,110 \$5,164 \$53,840	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3 GAO4 Non-standard	Consumer type or types (eg, residential, commercial, etc.)  Residential Commercial Commercial Commercial Commercial Commercial	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard Stelect one [Select one] [Select one] [Select one] [Select one] [Select one] [Select one]	Total line charge revenue in disclosure year  \$26,225 \$1,571 \$4,036 \$6,529 \$4,255 \$4,823	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724  Line charge revenue Fixed  \$/Day  \$10,750 \$460 \$926 \$1,365 \$685 \$4,052	1,421,099,493 3,425,924,069  Variable  \$/kWh  \$15,475 \$1,111 \$3,110 \$5,164 \$5,3840 \$771	omponent			columns for additional line charge revenues by price component as
Consumer group name or price category code  GAOR GAO1 GAO2 GAO3 GAO4 Non-standard	Consumer type or types (eg, residential, commercial Com	Standard consumer totals Non-standard consumer totals Total for all consumers  Standard or non-standard consumer group (specify)  Standard Standard Standard Standard Standard Standard Standard Standard Stendard Stelect one] [Select one] [Select one] [Select one]	Total line charge revenue in disclosure year  \$26,225 \$1,571 \$4,036 \$6,529 \$4,525	5,116 12,333  Notional revenue foregone from posted	Rate (eg, \$ per	16,781 35,078,724  Line charge revenue  Fixed  \$/Day  \$10,750 \$460 \$926 \$1,365 \$585	1,421,099,493 3,425,924,069  Variable  \$/kWh  \$15,475 \$1,111 \$3,110 \$5,164 \$53,840	omponent			columns for additional line charge revenues by price component as

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							Company Name For Year Ended -Network Name			ribution busine ne 2015 n Island	ess
	D QUANTITIES AND LINE CH sociated line charge revenues for the disclosu CPs.		price category code used	by the GDB in its pricing sch	edules. Information is also requ	·		ded in each consum	ner group or price		
8(i): Billed quantities by price	component					BW day with					Add extra
						Billed quantities by	price component				columns for
					Price component	Fixed	Variable				additional billed quantities by pri component as necessary
Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Quantity of gas delivered (TJ)	Unit charging basis (eg, days, GJ, etc.)	Days	kWh				
GNOR	Residential	Standard	61.409	1.317		22,388,515	365.753.182		ı	1	_
GN01	Commercial	Standard	2,137	1,317		778,926	48,825,421				-
GN02	Commercial	Standard	1,385	437		504,879	121,462,734				
GN03	Commercial	Standard	515	928		187,941	257,896,521		1		
GN04	Commercial	Standard	74			26,756	367,471,817				
Non-standard	Commercial	Non-standard	28	5,888		9,125	1,635,568,776				
		[Select one]									
		[Select one]									
		[Select one]									
		[Select one]									
		[Select one]				-					
Add extra rows for additional consumer	groups or price category codes as necessary	[Select one]	<u> </u>						1	1	_
Add extra rows for datational consumer	groups or price category codes as necessary	Standard consumer totals	65,520	4,181		23.887.017	1,161,409,675				
		Non-standard consumer totals	28			9,125	1,635,568,776		-		-
		Total for all consumers	65,548			23,896,142	2,796,978,451		-		-
8(ii): Line charge revenues (\$0	00) by price component					Line charge revenu	es (\$000) by price co	omponent			Add extra
					Price component	Fixed	Variable	- In the second			columns fo additional li charge reven by price
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 from posted discounts (if applicable)	Rate (eg, \$ per day, \$ per GJ, etc.)	\$/Day	\$/kWh				component necessary
GNOR	Residential	Standard	\$16,671			\$7,349	\$9,322				
GN01	Commercial	Standard	\$1,267			\$438	\$829				
GN02	Commercial	Standard	\$2,099			\$505	\$1,594				
GN03	Commercial	Standard	\$3,406			\$811	\$2,595				
GN04	Commercial	Standard	\$2,829			\$354	\$2,475				
Non-standard	Commercial	Non-standard	\$1,547			\$1,489	\$58		1	1	
		[Select one]							<del>                                     </del>	1	
		[Calast and]		· I						<b></b>	
		[Select one]		1							_
		[Select one]									
		[Select one] [Select one]									
		[Select one]									
Add extra rows for additional consumer	groups or price category codes as necessary	[Select one] [Select one]									
Add extra rows for additional consumer	groups or price category codes as necessary	[Select one] [Select one]	\$26,272			\$9,457	\$16,815		-		
Add extra rows for additional consumer	groups or price category codes as necessary	[Select one] [Select one] [Select one] [Select one]	\$26,272 \$1,547 \$27,819			\$9,457 \$1,489 \$10,946	\$16,815 \$58 \$16,873	-	-		
		[Select one] [Select one]									

S8.Northern

			•	any Name	V	ector gas distri		s
			For	Year Ended		30 June		
			Network / Sub-net	vork Name		Comb	ined	
sc	HEDULE 9a: ASSET	REGISTER						
his	schedule requires a summary	of the quantity of assets that make up	the network, by asset category and a	sset class.				
ref								
					Items at start of	Items at end of		Data accuracy
3	Operating Pressure	Asset Category	Asset Class	Units	year (quantity)	year (quantity)	Net change	(1–4)
'	Intermediate Pressure	Main pipe	IP PE main pipe	km	-	-	-	N/A
	Intermediate Pressure	Main pipe	IP steel main pipe	km	404	410	7	4
!	Intermediate Pressure	Main pipe	IP other main pipe	km	-	-	-	N/A
ı	Intermediate Pressure	Service pipe	IP PE service pipe	km	0	0	-	4
	Intermediate Pressure	Service pipe	IP steel service pipe	km	8	8	(0)	4
	Intermediate Pressure	Service pipe	IP other service pipe	km	-	-	-	N/A
	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	200	202	2	3
	Intermediate Pressure	Line valve	IP line valves	No.	918	946	28	3
	Intermediate Pressure	Special crossings	IP crossings	No.	40	41	1	4
1	Medium Pressure	Main pipe	MP PE main pipe	km	6,362	6,482	120	4
1	Medium Pressure	Main pipe	MP steel main pipe	km	362	350	(12)	4
	Medium Pressure	Main pipe	MP other main pipe	km	2	2	(0)	3
	Medium Pressure	Service pipe	MP PE service pipe	km	3,343	3,396	53	4
	Medium Pressure	Service pipe	MP steel service pipe	km	45	43	(2)	4
	Medium Pressure	Service pipe	MP other service pipe	km	5	4	(0)	4
	Medium Pressure	Stations	Medium pressure DRS	No.	246	232	(14)	4
	Medium Pressure	Line valve	MP line valves	No.	3,895	3,925	30	3
	Medium Pressure	Special crossings	MP special crossings	No.	121	126	5	4
	Low Pressure	Main pipe	LP PE main pipe	km	43	41	(2)	4
	Low Pressure	Main pipe	LP steel main pipe	km	6	0	(6)	3
	Low Pressure	Main pipe	LP other main pipe	km	0	-	(0)	N/A
	Low Pressure	Service pipe	LP PE service pipe	km	39	33	(6)	4
	Low Pressure	Service pipe	LP steel service pipe	km	5	2	(3)	3
	Low Pressure	Service pipe	LP other service pipe	km	0	0	(0)	4
	Low Pressure	Line valve	LP line valves	No.	29	17	(12)	4
	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	N/A
	All	Monitoring and control systems	Remote terminal units	No.	72	76	4	4
5	All	Cathodic protection systems	Cathodic protection	No.	54	53	(1)	4

			·	any Name Year Ended	V	ector gas distril 30 June		S
			Network / Sub-netv			Auck	land	
cr	CHEDULE 9a: ASSET	DECISTED	rectional sub-nett	vork reamic				
This	s schedule requires a summary	of the quantity of assets that make up	the network, by asset category and a	sset class.				
n ref	f							
					Items at start of	Items at end of		Data accuracy
8	Operating Pressure	Asset Category	Asset Class	Units	year (quantity)	year (quantity)	Net change	(1-4)
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	-	-	-	N/A
0	Intermediate Pressure	Main pipe	IP steel main pipe	km	210	217	7	4
!	Intermediate Pressure	Main pipe	IP other main pipe	km	-	-	-	N/A
2	Intermediate Pressure	Service pipe	IP PE service pipe	km	0	0	-	4
3	Intermediate Pressure	Service pipe	IP steel service pipe	km	6	6	(0)	4
1	Intermediate Pressure	Service pipe	IP other service pipe	km	-	-	-	N/A
5	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	91	93	2	3
6	Intermediate Pressure	Line valve	IP line valves	No.	683	699	16	3
7	Intermediate Pressure	Special crossings	IP crossings	No.	18	18	-	4
8	Medium Pressure	Main pipe	MP PE main pipe	km	3,340	3,408	68	4
9	Medium Pressure	Main pipe	MP steel main pipe	km	213	213	(0)	4
9	Medium Pressure	Main pipe	MP other main pipe	km	2	2	-	3
1	Medium Pressure	Service pipe	MP PE service pipe	km	1,985	2,018	33	4
2	Medium Pressure	Service pipe	MP steel service pipe	km	29	29	(0)	4
3	Medium Pressure	Service pipe	MP other service pipe	km	4	3	(0)	4
4	Medium Pressure	Stations	Medium pressure DRS	No.	220	208	(12)	4
5	Medium Pressure	Line valve	MP line valves	No.	2,786	2,816	30	3
6	Medium Pressure	Special crossings	MP special crossings	No.	63	62	(1)	4
7	Low Pressure	Main pipe	LP PE main pipe	km	0	0	(0)	4
8	Low Pressure	Main pipe	LP steel main pipe	km	0	-	(0)	3
9	Low Pressure	Main pipe	LP other main pipe	km	0	-	(0)	N/A
0	Low Pressure	Service pipe	LP PE service pipe	km	3	2	(1)	4
1	Low Pressure	Service pipe	LP steel service pipe	km	3	2	(1)	3
2	Low Pressure	Service pipe	LP other service pipe	km	0	0	(0)	4
3	Low Pressure	Line valve	LP line valves	No.	15	5	(10)	4
4	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	N/A
5	All	Monitoring and control systems	Remote terminal units	No.	68	71	3	4
6	All	Cathodic protection systems	Cathodic protection	No.	15	16	1	4

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			Сотр	any Name	V	ector gas distril		S
			For 1	ear Ended		30 June	2015	
			Network / Sub-netv	vork Name		North	sland	
sc	HEDULE 9a: ASSET	REGISTER	·					
		of the quantity of assets that make up	the network by asset category and a	ccat class				
111113	s scriedule requires a summary	of the qualitity of assets that make up	the network, by asset category and a	oset class.				
ref	:							
					Items at start of	Items at end of		Data accuracy
8	Operating Pressure	Asset Category	Asset Class	Units	year (quantity)	year (quantity)	Net change	(1–4)
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	-	-	-	N/A
0	Intermediate Pressure	Main pipe	IP steel main pipe	km	193	193	(0)	4
1	Intermediate Pressure	Main pipe	IP other main pipe	km	-	-	-	N/A
2	Intermediate Pressure	Service pipe	IP PE service pipe	km	-	-	-	N/A
3	Intermediate Pressure	Service pipe	IP steel service pipe	km	2	2	(0)	4
4	Intermediate Pressure	Service pipe	IP other service pipe	km	-	-	-	N/A
5	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	109	109	-	3
6	Intermediate Pressure	Line valve	IP line valves	No.	235	247	12	3
7	Intermediate Pressure	Special crossings	IP crossings	No.	22	23	1	4
8	Medium Pressure	Main pipe	MP PE main pipe	km	3,023	3,075	52	4
9	Medium Pressure	Main pipe	MP steel main pipe	km	149	137	(12)	4
0	Medium Pressure	Main pipe	MP other main pipe	km	0	-	(0)	3
1	Medium Pressure	Service pipe	MP PE service pipe	km	1,358	1,377	20	4
22	Medium Pressure	Service pipe	MP steel service pipe	km	16	14	(2)	4
23	Medium Pressure	Service pipe	MP other service pipe	km	1	1	(0)	4
24	Medium Pressure	Stations	Medium pressure DRS	No.	26	24	(2)	4
5	Medium Pressure	Line valve	MP line valves	No.	1,109	1,109	-	3
26	Medium Pressure	Special crossings	MP special crossings	No.	58	64	6	4
7	Low Pressure	Main pipe	LP PE main pipe	km	42	40	(2)	4
8	Low Pressure	Main pipe	LP steel main pipe	km	6	0	(6)	3
9	Low Pressure	Main pipe	LP other main pipe	km	-	-	-	N/A
0	Low Pressure	Service pipe	LP PE service pipe	km	36	31	(5)	4
1	Low Pressure	Service pipe	LP steel service pipe	km	2	0	(2)	3
2	Low Pressure	Service pipe	LP other service pipe	km	-	-	-	N/A
33	Low Pressure	Line valve	LP line valves	No.	14	12	(2)	4
4	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	N/A
35	All	Monitoring and control systems	Remote terminal units	No.	4	5	1	4
6	All	Cathodic protection systems	Cathodic protection	No.	39	37	(2)	4

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Company Name
For Year Ended
Network / Sub-network Name

Vector gas distribution business
30 June 2015
Combined

EDULE 9b: ASSET	ACE DROEILE																							Nett	WUIK / SU	ıb-network	Nume		Combined	
	f the age profile (based on year of inst	allation) of the assets that make up	the netv	work, by ass	set catego	ry and asse	t class.																							
	Disclosure Year (year ended)	30 June 2015	]								Number o	of assets a	t disclosure	year end l	by installa	tion date														
																													Items at end	
					1970	1975	1980	1985-	1990	1995																		No. with age		. with Data
Operating Pressure	Asset Category	Asset Class	Units	pre-1970	-1974	-1979	-1984	1989	-1994	-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		unknown	(quantity) defau	ılt dates (
Intermediate Pressure	Main pipe	IP PE main pipe	km																							-			-	
Intermediate Pressure	Main pipe	IP steel main pipe	km	47	30	5	94	120	22	49	25	0	1	0	0	1	1	1	0	0	1	0	1	0	2	8		0	410	
Intermediate Pressure	Main pipe	IP other main pipe	km																							-			-	
Intermediate Pressure	Service pipe	IP PE service pipe	km																						0	-			0	
Intermediate Pressure	Service pipe	IP steel service pipe	km	0	0	0	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			8	
Intermediate Pressure	Service pipe	IP other service pipe	km																							-			-	
Intermediate Pressure	Stations	Intermediate pressure DRS	No.	6	2	8	39	40	13	55	1	4	3		4	2			1	2	1	4	2	1	6	7		1	202	
Intermediate Pressure	Line valve	IP line valves	No.	56	51	. 22	109	255	127	77	19	10	5	6	9	14	8	10	11	5	11	11	20	11	39	33		27	946	
Intermediate Pressure	Special crossings	IP crossings	No.	3	1		9	15	1	6	1					2		1			1		1			-			41	
Medium Pressure	Main pipe	MP PE main pipe	km	14	24	167	245	888	1,047	1,915	246	148	124	192	175	190	176	160	132	72	63	71	76	118	131	104		3	6,482	
Medium Pressure	Main pipe	MP steel main pipe	km	16	106	44	91	79	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	350	
Medium Pressure	Main pipe	MP other main pipe	km	1	0	0	0	0	0	0	0	0	0	0		0										0		0	2	
Medium Pressure	Service pipe	MP PE service pipe	km	4	20	96	72	234	548	911	148	99	96	123	138	115	119	109	91	55	62	81	68	72	75	59		1	3,396	
Medium Pressure	Service pipe	MP steel service pipe	km	2	13	3	7	7	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	43	
Medium Pressure	Service pipe	MP other service pipe	km	0	1	. 0	0	2	0	0		0		0	0				0			0		0	0	-		0	4	
Medium Pressure	Stations	Medium pressure DRS	No.	1	5	2	9	39	87	40	3		1	1	10	6	6	2	1	2	2		3	8	2	2			232	
Medium Pressure	Line valve	MP line valves	No.	56	276	218	919	814	479	317	53	42	42	32	38	64	42	39	38	45	26	49	61	73	72	82		48	3,925	
Medium Pressure	Special crossings	MP special crossings	No.		1	2	15	41	18	20	8	1			1		3	2	4		3	2		3	1	1			126	
Low Pressure	Main pipe	LP PE main pipe	km		2	20	2	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0			41	
Low Pressure	Main pipe	LP steel main pipe	km		0	0																				-		0	0	
Low Pressure	Main pipe	LP other main pipe	km																							-			-	
Low Pressure	Service pipe	LP PE service pipe	km	0	2	8	4	3	4	3	0	0	0	0	0	0	0	1	0	0	0	0	1	2	1	0		0	33	
Low Pressure	Service pipe	LP steel service pipe	km	0	0	0	0	1	0	0						0									0	0		0	2	
Low Pressure	Service pipe	LP other service pipe	km						0																	-			0	
Low Pressure	Line valve	LP line valves	No.			1	1		2	1												2		8	2	-			17	
Low Pressure	Special crossings	LP special crossings	No.																							-			-	1
All	Monitoring and control systems	Remote terminal units	No.							32	1	1	1			4	1	19	3	1		1		1	6	5			76	
All	Cathodic protection systems	Cathodic protection	No.	1	2	2	10	21	6		3	2			1					1			1	2	1	_			53	

30

Company Name
For Year Ended
Network / Sub-network Name

Vector gas distribution business
30 June 2015
Auckland

																							Netw	vork / Sul	n-network Name		Auckland		_
OULE 9b: ASSET A ule requires a summary of		allation) of the assets that make up the	he netw	ork, by asset ca	ategory and a	sset class.																							
	Disclosure Year (year ended)	30 June 2015								Number	of assets a	t disclosure	year end by	installation	n date														
				19	970 197	5 1980	1985	5- 1990	1995																	No. with a	Items at end	No. with	Data
perating Pressure	Asset Category	Asset Class	Units	pre-1970 -1						2000	2001	2002	2003	2004	2005	2006 2	2007	2008	2009	2010	2011	2012	2013	2014	2015	unknowr		fault dates	
Intermediate Pressure	Main pipe	IP PE main pipe	km																						-		-		
Intermediate Pressure	Main pipe	IP steel main pipe	km	47	14	4	16	52 13	3 35	25	0	1	0		0	1	1	0	0	0	0	1	0	1	8		217		
Intermediate Pressure	Main pipe	IP other main pipe	km							i i															-		-		
Intermediate Pressure	Service pipe	IP PE service pipe	km							1 1														0	-		0		
Intermediate Pressure	Service pipe	IP steel service pipe	km	0	0	0	0	2	2 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6		
Intermediate Pressure	Service pipe	IP other service pipe	km																						-		-		
Intermediate Pressure	Stations	Intermediate pressure DRS	No.	6	1	7	7	2	52	1	2	1			1			1			1	2		2	4		93		
Intermediate Pressure	Line valve	IP line valves	No.	56	38	18	1 1	181 104	1 67	16	8	4	5	3	6	6	4	7	4	10	6	9	8	27	24		699		
Intermediate Pressure	Special crossings	IP crossings	No.	3			1	7	3	1							1			1		1			-		18		
Medium Pressure	Main pipe	MP PE main pipe	km	14	3	17	50 1	176 509	1,392	148	87	56	119	83	94	118	91	57	36	40	55	51	69	80	49		3,408		
Medium Pressure	Main pipe	MP steel main pipe	km	11	24	14	76	75	5 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0 213		
Medium Pressure	Main pipe	MP other main pipe	km	1	0	0	0	0	0	0	0	0	0		0										0		0 2		
Medium Pressure	Service pipe	MP PE service pipe	km	4	1	2	6	61 320	658	85	52	55	75	90	75	76	71	58	35	42	61	51	50	49	36		2,018		
Medium Pressure	Service pipe	MP steel service pipe	km	2	1	2	7	7	1 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0 29		
Medium Pressure	Service pipe	MP other service pipe	km	0	0	0	0	2 (	0				0	0				0					0		(0)		3		
Medium Pressure	Stations	Medium pressure DRS	No.	1	2	1	7	38 8	5 38	3		1	1	10	5	6	2	1	1			1	2	1	1		208		
Medium Pressure	Line valve	MP line valves	No.	46	94 1	.05 67	74 6	570 430	261	42	34	15	20	21	39	40	26	27	31	12	34	29	44	42	41		2,816		
Medium Pressure	Special crossings	MP special crossings	No.		1	2	7	11 9	9 13	6						3	1	2		3	2		2		-		62		
Low Pressure	Main pipe	LP PE main pipe	km		0		0	(	)											0					0		0		
Low Pressure	Main pipe	LP steel main pipe	km																						-		-		
Low Pressure	Main pipe	LP other main pipe	km																						-		-		
Low Pressure	Service pipe	LP PE service pipe	km	0	0	0	0	1	1 0	0														0	0		2		
Low Pressure	Service pipe	LP steel service pipe	km	0	0	0	0	1	0						0									0	0		0 2		
Low Pressure	Service pipe	LP other service pipe	km					(	)																-		0		
Low Pressure	Line valve	LP line valves	No.			1			1 1												2				-		5		
Low Pressure	Special crossings	LP special crossings	No.																						_		-		
All	Monitoring and control systems	Remote terminal units	No.						32	1	1	1			4	1	19	3	1		1			3	4		71		
All	Cathodic protection systems	Cathodic protection	No.	1	1	2	4	3		2	1	ı		1									T	1	_		16		

Company Name
For Year Ended
Network / Sub-network Name

Vector gas distribution business
30 June 2015
North Island

DULE 9b: ASSET	AGE PROFILE  If the age profile (based on year of insta	allation) of the assets that make up th	e networ	rk hvasset cat	tegory and as	set class																	Net	work / Su	b-network No	ine		North Island	
aute requires a summary o	Disclosure Year (year ended)	30 June 2015	ie networ	ik, by asset car	tegory and as	set class.				Number	of assets a	nt disclosure	year end	by installa	tion date														
perating Pressure	Asset Category	Asset Class	Units pr	193 re-1970 –19	70 1975 074 –1979		1985- 1989	1990 -1994	1995 -1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		No. with age	Items at end of year No. with (quantity) default dates	
Intermediate Pressure	Main pipe	IP PE main pipe	km F		1 257.	1 250.	1	1	1333		2001		2005		2003		2007			2010			2010					- (quantity)	
Intermediate Pressure	Main pipe	IP steel main pipe	km	1	16	1 79	68	10	15		0	0	0	0	1		0	0	0	0	0	1	0	1	0		0	193	+
Intermediate Pressure	Main pipe	IP other main pipe	km		_	<del>                                     </del>		10	13					Ů				Ť	Ů		Ů				-			-	
Intermediate Pressure	Service pipe	IP PE service pipe	km			1	1	1																	-			-	
Intermediate Pressure	Service pipe	IP steel service pipe	km		0	1	1	0	0											0					-			2	1
Intermediate Pressure	Service pipe	IP other service pipe	km																						-			-	
Intermediate Pressure	Stations	Intermediate pressure DRS	No.		1	1 32	38	10	3		2	2		4	1				2	1	3		1	4	3		1	109	
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	12	9			247	1
Intermediate Pressure	Special crossings	IP crossings	No.		1	8	8	1	3						2										-			23	
Medium Pressure	Main pipe	MP PE main pipe	km	0	21 15	50 185	711	538	523	98	61	68	73	92	96	59	68	75	37	23	16	25	49	51	55		1	3,075	
Medium Pressure	Main pipe	MP steel main pipe	km	4	82 2	29 15	5	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0			137	
Medium Pressure	Main pipe	MP other main pipe	km																						-			-	
Medium Pressure	Service pipe	MP PE service pipe	km	0	19 9	94 66	172	222	254	64	47	42	48	48	41	42	38	33	20	20	20	17	21	26	23		0	1,377	
Medium Pressure	Service pipe	MP steel service pipe	km	0	12	1 1	0	0	0				0	0		0	0	0	0	0	0	0	0	0	0			14	
Medium Pressure	Service pipe	MP other service pipe	km		1	0		0			0										0			0	-		0	1	
Medium Pressure	Stations	Medium pressure DRS	No.		3	1 2	1	1	2						1				1	2		2	6	1	1			24	
Medium Pressure	Line valve	MP line valves	No.	10	182 11	13 245	144	49	56	11	8	27	12	17	25	2	13	11	14	14	15	32	29	30	41		9	1,109	
Medium Pressure	Special crossings	MP special crossings	No.			8	30	9	7	2	1			1			1	2					1	1	1			64	
Low Pressure	Main pipe	LP PE main pipe	km		2 2	20 2	. 3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0			40	
Low Pressure	Main pipe	LP steel main pipe	km		0	0		-																	-		0	0	$\perp$
Low Pressure	Main pipe	LP other main pipe	km																						-			-	
Low Pressure	Service pipe	LP PE service pipe	km	0	2	8 4	. 3	4	3	0	0	0	0	0	0	0	1	0	0	0	0	1	2	1	0		0	31	
Low Pressure	Service pipe	LP steel service pipe	km	0	0	0 (																			-			0	
Low Pressure	Service pipe	LP other service pipe	km																						-			-	
Low Pressure	Line valve	LP line valves	No.			1	1	1															8	2	-			12	
Low Pressure	Special crossings	LP special crossings	No.			1	1	1				$\vdash$													-			-	
All	Monitoring and control systems		No.							$\sqcup$		$\vdash$							$\sqcup$				1	3	1			5	$\bot$
All	Cathodic protection systems	Cathodic protection	No.	I	1	(	18	6	I	1	1	1		i		- 1		I	1		I	1	2		-			37	

		Company Name	Vector g	as distribution	business
		For Year Ended		30 June 2015	
	Network	/ Sub-network Name		Combined	
	HEDULE 9c: REPORT ON PIPELINE DATA schedule requires a summary of the key characteristics of the pipeline network.				
8	Network Information (end of year)  System length by material (defined by GDB)	Length (km)	%		
10	Steel	812	7.54%		
11	PE	9,952	92.40%		
12	Other	6	0.06%		
13			-		
14			-		
15			-		
16	System length	10,771	100.00%		
17					
			Weighted average		Gas conveyed for Persons not
		System length	pipe diameter	Number of ICPs	involved in the
8	By operating pressure:	(km) (at year end)	(mm)	(at year end)	GDB (TJ)
9	Intermediate pressure	418	129	227	4,60
0	Medium pressure  Low pressure	10,277 75	36 38	161,216 1,800	11,87
21					

		Company Name	Vector g	as distribution	business
		For Year Ended		30 June 2015	
	Nei	twork / Sub-network Name		Auckland	
	HEDULE 9c: REPORT ON PIPELINE DATA schedule requires a summary of the key characteristics of the pipeline netw	ork.			
8	Network Information (end of year)  System length by material (defined by GDB)	Length (km)	%		
0	Steel	466	7.91%		
1	PE	5,428	92.00%		
2	Other	6	0.09%		
			-		
1			-		
5			-		
5	System length	5,900	100.00%		
8	By operating pressure:	System length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed fo Persons not involved in the GDB (TJ)
9	Intermediate pressure	224	167	192	2,82
ס	Medium pressure	5,673	37	96,609	7,74
1	Low pressure	4	45	477	2
?	Total	5,900	42	97,278	10,59

34 S9c.Auckland

	Company Name	Vector g	as distribution	business
	For Year Ended		30 June 2015	
Netwo	rk / Sub-network Name		North Island	
 <b>IEDULE 9c: REPORT ON PIPELINE DATA</b> chedule requires a summary of the key characteristics of the pipeline network				
Network Information (end of year)  System length by material (defined by GDB)	Length (km)	%		
Steel	346	7.11%		
PE	4,523	92.88%		
Other	1	0.02%		
		-		
		-		
System length	4,870	100.00%		
System rengun	4,670	100.00%		
	System length	Weighted average pipe diameter	Number of ICPs	Gas conveyed for Persons not involved in the
By operating pressure:	(km) (at year end)	(mm)	(at year end)	GDB (TJ)
Intermediate pressure	195	86	35	1,78
Medium pressure	4,604	35	64,607	4,12
Low pressure Total	71 4,870	37 37	1,323 65,965	5,96

35 S9c.Northern

	Company Name	Vector ga	s distribution business		
	For Year Ended		30 June 2015		
	Network / Sub-network Name		Combined		
<b>SCHEDULE</b>	9d: REPORT ON DEMAND				
This schedule req	uires a summary of the key measures of network demand for the disclosure yea	r (number of new	connections		
including, maximi	um monthly loads and total gas conveyed)				
ch ref					
8					
9 9d(i):	Consumer Connections				
	nber of ICPs connected in year by consumer type				
11					
12	Consumer types defined by GDB		Number of connections (ICPs)		
13	Residential	I	3,583		
14	Commercial		332		
15	[GDB consumer type]		332		
16	[GDB consumer type]				
17	[GDB consumer type]				
18		Total	3,915		
19 <b>9d(ii):</b>	Gas Delivered				
20					
21	Number of ICPs at year end	163,243	connections		
22	Maximum daily load	89,763	(GJ per day)		
23	Maximum monthly load	2,331,826	(GJ per month)		
24	Number of directly billed ICPs	1	(at year end)		
25	Total gas conveyed	22,788,368	(GJ per annum)		
26	Average daily delivery	62,434	(GJ per day)		
27					
28	Load factor	81.44%			

	Company Name	Vector ga	s distribution business		
	For Year Ended		30 June 2015		
	Network / Sub-network Name		Auckland		
<b>SCHEDULE</b>	9d: REPORT ON DEMAND				
This schedule requ	ires a summary of the key measures of network demand for the disclosure ye	ar (number of new	connections		
including, maximu	m monthly loads and total gas conveyed)				
ch ref					
8					
9 9d(i): C	onsumer Connections				
	ber of ICPs connected in year by consumer type				
11	· · · · · · · · · · · · · · · · · · ·				
12	Consumer types defined by GDB		Number of connections (ICPs)		
13	Residential	T	2,195		
14	Commercial		216		
15	[GDB consumer type]				
16	[GDB consumer type]				
17	[GDB consumer type]				
18		Total	2,411		
19 9d(ii): (	Gas Delivered				
20					
	Number of ICPs at year end	97,195	connections		
	Maximum daily load	55,655	(GJ per day)		
23	Maximum monthly load	1,341,216	(GJ per month)		
24	Number of directly billed ICPs	1	(at year end)		
25	Total gas conveyed	12,590,616	(GJ per annum)		
	Average daily delivery	34,495	(GJ per day)		
27					
28	Load factor	78.23%			

	Company Name	Vector ga	s distribution business
	For Year Ended		30 June 2015
	Network / Sub-network Name		North Island
SC	HEDULE 9d: REPORT ON DEMAND		
This	schedule requires a summary of the key measures of network demand for the disclosure y	ear (number of new	connections
incl	uding, maximum monthly loads and total gas conveyed)		
ch rej	f		
8			
9	9d(i): Consumer Connections		
10	Number of ICPs connected in year by consumer type		
11			
			Number of
12	Consumer types defined by GDB		connections (ICPs)
13	Residential		1,388
14	Commercial		116
15	[GDB consumer type]		
16	[GDB consumer type]		
17	[GDB consumer type]	_	
18		Total	1,504
19	9d(ii): Gas Delivered		
20		,	
21	Number of ICPs at year end	66,048	connections
22	Maximum daily load	39,094	(GJ per day)
23	Maximum monthly load	1,032,184	(GJ per month)
24 25	Number of directly billed ICPs Total gas conveyed	10,197,752	(at year end) (GJ per annum)
26	Average daily delivery	27,939	(GJ per day)
27	The spe dully delivery	27,555	(So per day)
	Load factor	82.33%	

	Company Name	Vector g	as distribution b	usiness
	For Year Ended	ded 30 June 2015		
	Network / Sub-network Name		Combined	
S	CHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS			<u>'</u>
_	is schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and CAIDI) for the disclosure year			
G	Bs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templat closure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8		IFI information is par	of audited
sch re				
8	10a(i): Interruptions			
9	Interruptions by class	Actual		
10	Class A (planned interruptions by GTB)	-		
11	Class B (planned interruptions on the network)	870		
12	Class C (unplanned interruptions on the network)	161		
13	Class D (unplanned interruptions by GTB)	-		
14	Class I (unplanned interruptions caused by third party damage)	450		
15	Total	1,481		
4.0	Number of contrast of the cont	Actual		
16 17	Number of unplanned outage events (interruptions that affect more than 5 ICPs)  Vector Region	Actual 6		
18	vector region	0		
19				
20				
21				
22	Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)	Actual		
23	Vector Region	Actual 5		
24	Vector region	,		
25				
26				
27				
28	10a(ii): Reliability			
29	Overall reliability	SAIDI	SAIFI	CAIDI
30	Based on the total number of interruptions	1,670	11.2	149
31	Class I (unplanned interruptions caused by third party damage)	901	3.66	246
32	Class B (planned interruptions on the network)	SAIDI	SAIFI	CAIDI
33	Vector Region Vector Region	631	6.33	99.7
34	Region_02			-
35	Region_03			-
36	Region_04			-
37	Region_05			-
38	Class C (unplanned interruptions on the network)	SAIDI	SAIFI	CAIDI
39	Vector Region	142	1.24	115
40				
	Region 02			-
41	Region_02 Region_03			-
41 42				-
	Region_03			- - -

	Company Name		Vector gas distribution business	
	For Year Ended	30 June 2015		
	Network / Sub-network Name	e Auckland		
S	CHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS			<u> </u>
Th GE	is schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and CAIDI) for the disclosure year DBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Template sclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.	es). The SAIDI and SAI	IFI information is par	t of audited
sch re	ef			
_	40-lil laborania			
8	10a(i): Interruptions			
9	Interruptions by class	Actual		
10 11	Class A (planned interruptions by GTB)  Class B (planned interruptions on the network)	407		
12	Class C (unplanned interruptions on the network)	84		
13	Class D (unplanned interruptions by GTB)	- 84		
14	Class I (unplanned interruptions caused by third party damage)	270		
15	Total	761		
16	Number of unplanned outage events (interruptions that affect more than 5 ICPs)	Actual		
17	Auckland Region	2		
18				
19				
20				
21				
22	Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)	Actual		
23	Auckland Region	1		
24				
25				
26				
27				
28	10a(ii): Reliability			
29	Overall reliability	SAIDI	SAIFI	CAIDI
30	Based on the total number of interruptions	2,010	9.97	202
31	Class I (unplanned interruptions caused by third party damage)	1,300	3.50	371
32	Class B (planned interruptions on the network)	SAIDI	SAIFI	CAIDI
33	Auckland Region	564	5.40	104
34 35	Region_02 Region 03			-
36	Region_04			
37	Region 05			
, , , , , , , , , , , , , , , , , , ,			I	
38	Class C (unplanned interruptions on the network)	SAIDI	SAIFI	CAIDI
39	Auckland Region	151	1.07	141
40	Region_02			-
41	Region_03			-
42	Region_04			-
43	Region_05			-

	Company Name Vector gas distribution		as distribution b	ousiness
	For Year Ended	30 June 2015		
	Network / Sub-network Name		North Island	
S	CHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS			
Th GE	is schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and CAIDI) for the disclosure year DBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Template sclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.	es). The SAIDI and SA	IFI information is par	t of audited
sch re	ef			
	10alily Intermedians			
8	10a(i): Interruptions	Actual		
9	Interruptions by class	Actual		
10 11	Class A (planned interruptions by GTB)  Class B (planned interruptions on the network)	463		
12	Class C (unplanned interruptions on the network)	77		
13	Class D (unplanned interruptions by GTB)			
14	Class I (unplanned interruptions caused by third party damage)	180		
15	Total	720		
16	Number of unplanned outage events (interruptions that affect more than 5 ICPs)	Actual		
17	North Island Regions	4		
18				
19				
20				
21				
22	Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)	Actual		
23	North Island Regions	4		
24				
25				
26				
27				
28	10a(ii): Reliability			
29	Overall reliability	SAIDI	SAIFI	CAIDI
30	Based on the total number of interruptions	1,180	13.1	90.1
31	Class I (unplanned interruptions caused by third party damage)	320	3.89	82.3
32	Class B (planned interruptions on the network)	SAIDI	SAIFI	CAIDI
33 34	North Island Regions	728	7.70	94.5
34 35	Region_02 Region 03			-
36	Region_04			
37	Region 05			
3.				
38	Class C (unplanned interruptions on the network)	SAIDI	SAIFI	CAIDI
39	North Island Regions	128	1.48	86.5
40	Region_02			-
41	Region_03			-
42	Region_04			-
43	Region_05			-

	Network / Sub CHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SEI is schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emergen			as distribution 30 June 2015 Combined	business
8	10b(i): System Condition and Integrity				
	Number of confirmed public reported gas escapes per system length				
9	(escapes/1000 km)	Actual			
10 11	Vector Region	42.162			
12					
13 14					
	Number of leaks detected by routine survey per system length				
15	(leaks/1000 km)	Actual			
16 17	Vector Region	0.654			
18		-			
19 20					
21	Number of third party damage events per system length (events/1000 km)	Actual			
22	Vector Region	55.157			
23 24					
25					
26					
27	No. of a second second second second second second	8 atual			
27 28	Number of poor pressure events due to network causes  Vector Region	Actual 6			
29					
30 31					
32 33					
34	Number of telephone calls to emergency numbers answered within 30 seconds per total number of calls	Actual			
35	Vector Region	94.11%			
36 37					
38					
39					
40	Product control—safety of distribution gas	Actual			
41	Number of non-compliant odour tests	-			
42	10b(ii): Consumer Service				
		Proportion of	Proportion of		
		emergencies responded to	emergencies responded to	Average call response time	Number of
43	Response time to emergencies (RTE)	within 1 hour (%)	within 3 hours (%)	(hours)	emergencies
44 45	Vector Region	95.18%	100.0%	0.56	166
46					
47 48					
	Number of complaints	Actual			
49 50	Number of complaints  Number of complaints per average total consumer numbers	0.0004			

		Company Name	Vector g	as distribution	business
		For Year Ended		30 June 2015	
		-network Name		Auckland	
	CHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SE				
Thi	is schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emerger	icies etc) for the disc	closure year.		
sch re	f				
8	10b(i): System Condition and Integrity				
	Number of confirmed public reported gas escapes per system length				
9	(escapes/1000 km)	Actual	•		
10	Vector Region	42.6			
11 12					
13					
14					
			•		
	Number of leaks detected by routine survey per system length				
15	(leaks/1000 km)	Actual			
16	Vector Region	1.026			
17					
18					
19 20					
2.0					
	Number of third party damage events per system length				
21	(events/1000 km)	Actual			
22	Vector Region	59.5			
23					
24					
25 26					
20					
27	Number of poor pressure events due to network causes	Actual			
28	Vector Region	4			
29					
30					
31 32					
33			ļ.		
	Number of telephone calls to emergency numbers answered within 30 seconds per				
34	total number of calls	Actual	1		
35 36	Vector Region	94.1%			
37					
38					
39					
40	Product control—safety of distribution gas	Actual			
41	Number of non-compliant odour tests	0			
	col (III) a				
42	10b(ii): Consumer Service				
		Proportion of	Proportion of		
		emergencies	emergencies	Average call	
43	Posnonse time to emergencies (PTE)	responded to	responded to	response time	Number of
43 44	Response time to emergencies (RTE)  Vector Region	within 1 hour (%) 96.1%	within 3 hours (%) 100.0%	(hours) 0.593	emergencies 102
45	vector region	50.1%	100.0%	0.333	102
46					
47					
48					
49	Number of complaints	Actual			
50	Number of complaints per average total consumer numbers	0.0005			

43

S10b.Auckland

		Company Name	Vector g	as distribution	business
		For Year Ended		30 June 2015	
		-network Name		North Island	
	CHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SE				
Th	is schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emerger	icies etc) for the disc	closure year.		
sch re	f				
8	10b(i): System Condition and Integrity				
	Number of confirmed public reported gas escapes per system length				
9	(escapes/1000 km)	Actual	•		
10	Vector Region	41.7			
11 12					
13					
14					
			•		
	Number of leaks detected by routine survey per system length				
15	(leaks/1000 km)	Actual			
16	Vector Region	0.206			
17					
18					
19 20					
	Number of third party damage events per system length				
21	(events/1000 km)	Actual			
22	Vector Region	49.9			
23					
24					
25					
26			l		
27	Number of poor pressure events due to network causes	Actual			
28	Vector Region	2			
29					
30					
31 32					
33					
	Number of telephone calls to emergency numbers answered within 30 seconds per				
34	total number of calls	Actual	Ī		
35	Vector Region	94.1%			
36 37					
38					
39					
40	Product control—safety of distribution gas	Actual	i		
41	Number of non-compliant odour tests	0			
42	10b(ii): Consumer Service				
		Proportion of	Proportion of		
		emergencies	emergencies	Average call	
	P	responded to	responded to	response time	Number of
43	Response time to emergencies (RTE)	within 1 hour (%)	within 3 hours (%)	(hours)	emergencies
44 45	Vector Region Vector Region	93.8%	100.0%	0.515	64
46					
47					
48					
49	Number of complaints	Actual			
50	Number of complaints per average total consumer numbers	0.0003			
		5.0003			