

GDB Information Disclosure Requirements Information Templates for Schedules 1–10

Company Name

Vector gas distribution business

Disclosure Date

19 December 2019

Disclosure Year (year ended)

30 June 2019

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

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Schedule Description 1 **Analytical Ratios** Report on Return on Investment 2 3 Report on Regulatory Profit Report on Value of the Regulatory Asset Base (Rolled Forward) 4 Report on Regulatory Tax Allowance 5a 5b **Report on Related Party Transactions** Report on Term Credit Spread Differential Allowance 5c 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 Comparison of Forecasts to Actual Expenditure 8 Report on Billed Quantities and Line Charge Revenues (by Price Component) 9a **Asset Register** Asset Age Profile 9b Report on Pipeline Data 9с 9d Report on Demand 10a Report on Network Reliability and Interruptions **Report on Network Integrity and Consumer Service**

Disclosure Template Instructions

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

Company Name and Dates

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

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

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

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

Data Entry Cells and Calculated Cells

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

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

Validation Settings on Data Entry Cells

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

Conditional Formatting Settings on Data Entry Cells

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

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

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

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

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

Inserting Additional Rows and Columns

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

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

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

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

Disclosures by Sub-Network

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

Schedule References

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

Description of Calculation References

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

Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been 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
				For Year Ended		June 2019
				roi real Ellaea		June 2015
SC	CHEDULE 1: ANALYTICAL RATIOS					
	s schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclo					
	mmerce Commission will publish a summary and analysis of information disclosed in accordance with the ormation disclosed under the other requirements of the determination.	e ID determination. This	will include informat	tion disclosed in acco	rdance with this and	other schedules, and
	s 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 re	quired by section 2.8		
h n						
ĺ						
7	1(i): Expenditure Metrics					
		Francistra and TI		Ratio of expenditure to	Funanditura nas	
		Expenditure per TJ energy delivered	Expenditure per		Expenditure per km of pipeline for	
		to ICPs	average no. of ICPs	load	supply	
8		(\$/TJ)	(\$/ICP)	(\$ per GJ/month)	(\$/km)	
9	Operational expenditure	905	118	9	1,935	
0	Network	360	47	3	769	
12	Non-network	545	71	5	1,166	
3	Expenditure on assets	1,875	244	18	4,007	
4	Network	1,608	210	15	3,438	
15	Non-network	266	35	3	569	
6						
7	1(ii): Revenue Metrics					
		Revenue per TJ				
		energy delivered	Revenue per			
		to ICPs	average no. of ICPs			
8		(\$/TJ)	(\$/ICP)			
9	Total line charge revenue	3,272	426			
20	Standard consumer line charge revenue	4,182 757	400 125,913			
22	Non-standard consumer line charge revenue	/5/	125,913			
23	1(iii): Service Intensity Measures					
4						
5	Demand density	224	Maximum monthly	load (GJ per month)	per system length	
26	Volume density	2		livered per km of syst		
?7	Connection point density	16		f ICPs in disclosure ye		
8	Energy intensity	130	Total GJ delivered	to ICPs per average n	umber of ICPs in disc	losure year
29 30	1(iv): Composition of Revenue Requirement					
31	Zitty, composition of nevertae nequirement	(\$000)	% of revenue			
2	Operational expenditure	13,027	27.66%			
3	Pass-through and recoverable costs excluding financial incentives and wash-ups	1,770	3.76%			
34	Total depreciation	11,433	24.28%			
5	Total revaluations	6,794	14.43%			
36	Regulatory tax allowance	4,758	10.10%			
37	Regulatory profit/(loss) including financial incentives and wash-ups	22,472	47.72%			
38	Total regulatory income	47,090				
39	1/v): Poliability					
10 11	1(v): Reliability					
	Interruption rate	9.00	Interruptions 1	00km of system lengt	h	
42	Interruption rate	9.00	interruptions per 1	ookiii oj systeili lengi		

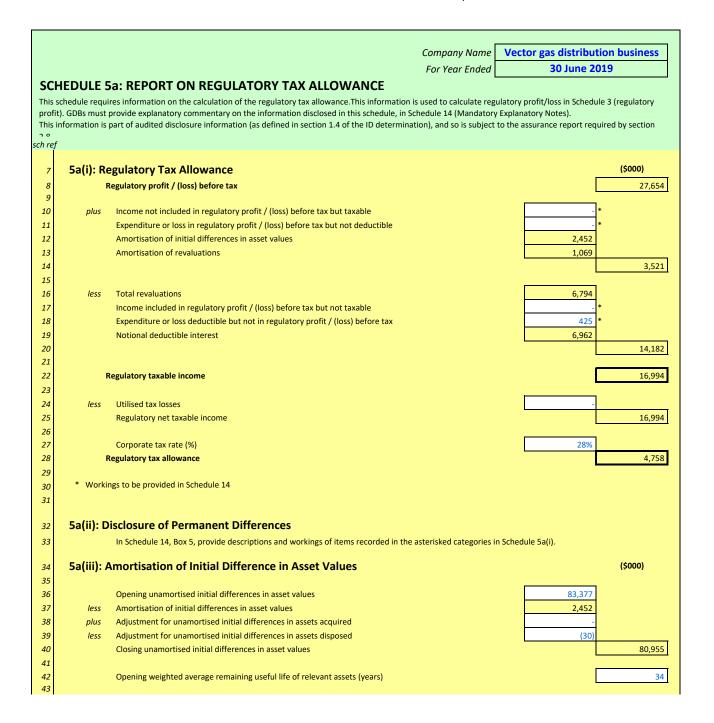
Company Name Vector gas distribution business 30 June 2019 For Year Ended **SCHEDULE 2: REPORT ON RETURN ON INVESTMENT** This schedule requires information on the Return on Investment (ROI) for the GDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GDBs must calculate 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. ch ret 2(i): Return on Investment CY-2 CY-1 **Current Year CY** 30 Jun 17 for year ended 30 Jun 18 30 Jun 19 ROI – comparable to a post tax WACC 10 Reflecting all revenue earned 5.45% 7.589 6.19% 11 Excluding revenue earned from financial incentives 6.19% 5.45% 5.45% 7 58% 6 19% 12 Excluding revenue earned from financial incentives and wash-ups 13 14 Mid-point estimate of post tax WACC 5.30% 5.20% 5.07% 15 25th percentile estimate 5.91% 5.77% 75th percentile estimate 6.11% 16 17 18 ROI - comparable to a vanilla WACC 19 20 Reflecting all revenue earned 8.099 6.74% 5.95% 21 8 09% 6 74% Excluding revenue earned from financial incentives 5 95% 22 Excluding revenue earned from financial incentives and wash-ups 23 24 WACC rate used to set regulatory price path 7.44% 6.41% 6.41% 25 26 Mid-point estimate of vanilla WACC 5.82% 5.73% 5 56% 27 25th percentile estimate 5.01% 5.02% 4.85% 28 75th percentile estimate 6.63% 6.44% 6.27% 29 (\$000) 2(ii): Information Supporting the ROI 30 31 32 Total opening RAB value 406,008 33 plus Opening deferred tax (28,907 377.101 34 Opening RIV 35 47,103 36 Line charge revenue 37 14,797 38 Expenses cash outflow 39 Assets commissioned plus 22,067 40 less Asset disposals 19 41 Tax payments 2,474 42 Other regulated income less (13 39 332 43 Mid-year net cash flows 44 45 Term credit spread differential allowance 424 46 47 Total closing RAB value 424,028 Adjustment resulting from asset allocation 48 less 611 49 less Lost and found assets adjustment 50 Closing deferred tax (31,191 plus Closing RIV 392,226 51 52 53 5.95% ROI - comparable to a vanilla WACC 54 55 Leverage (%) 42% 56 Cost of debt assumption (%) 4.22% 57 Corporate tax rate (%) 28% 58 59 ROI – comparable to a post tax WACC 5.45%

				Company Name	Vector g	as distribution	business
				For Year Ended		30 June 2019	
SC	HEDULE 2: REPORT ON RETURN	N ON INVESTMEN	NT				
This calcumust	schedule requires information on the Return on In late their ROI based on a monthly basis if require be provided in 2(iii). In must provide explanatory comment on their RO information is part of audited disclosure informat	nvestment (ROI) for the GD d by clause 2.3.3 of the ID I in Schedule 14 (Mandator	DB relative to the Comm Determination or if they ry Explanatory Notes).	elect to. If a GDB ma	kes this election, in	formation supporting	g this calculation
sch rej 61	2(iii): Information Supporting th	e Monthly ROI					
62 63	Opening RIV						N/A
64	opening in						14/71
65				(\$000)			
66		Line charge	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated	Monthly net cash outflows
67	Month 1	revenue	Outriow	commissioned		income	- Juliows
68	Month 2						-
69	Month 3						-
70	Month 4						-
71	Month 5						-
72	Month 6						-
73	Month 7						-
74	Month 8						-
75 76	Month 9 Month 10						
77	Month 11						_
78	Month 12						-
79	Total	-	-	-	-	-	-
80							
81	Tax Payments						N/A
82							
83	Term credit spread differential allo	owance					N/A
84 85	Closing RIV						N/A
86	5.53.mg						14/7.
87							
88	Monthly ROI – comparable to a var	nilla WACC					N/A
89							
90	Monthly ROI – comparable to a po	st tax WACC					N/A
91 92	2(iv): Year-End ROI Rates for Cor	mnaricon Durnocos					
93	Z(IV). Tear-Elia NOT Rates for Cor	inparison r arposes					
94	Year-end ROI – comparable to a va	nilla WACC					5.79%
95							
96	Year-end ROI – comparable to a po	ost tax WACC					5.29%
97							
98	* these year-end ROI values are compo	arable to the ROI reported i	in pre 2012 disclosures b	y GDBs and do not re	present the Commis.	sion's current view o	n ROI.
99	2(v): Financial Incentives and Wa	ach Une					
100 101	2(v). Financial incentives and wa	asii-Ops					
102	Financial incentives						_
103							
104	Impact of financial incentives on ROI						-
105							
106	Input methodology claw-back					-	
107	CPP application recoverable costs					-	
108	Catastrophic event allowance					-	-
109 110	Capex wash-up adjustment Other wash-ups						-
111	Wash-up costs						-
112							
113	Impact of wash-up costs on ROIs						-

Vector gas distribution business Company Name For Year Ended 30 June 2019 **SCHEDULE 3: REPORT ON REGULATORY PROFIT** This schedule requires information on the calculation of regulatory profit for the GDB for the disclosure year. GDBs must complete all sections and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. ch ret (\$000) 3(i): Regulatory Profit Income 9 Line charge revenue 47,103 10 plus Gains / (losses) on asset disposals (13 11 plus Other regulated income (other than gains / (losses) on asset disposals) 12 47.090 13 **Total regulatory income** 14 **Expenses** less Operational expenditure 15 13,027 16 1,770 17 less Pass-through and recoverable costs excluding financial incentives and wash-ups 18 19 32,293 Operating surplus / (deficit) 20 11,433 21 Total depreciation 22 23 Total revaluations 6,794 24 27,654 Regulatory profit / (loss) before tax 25 26 27 Term credit spread differential allowance 424 28 29 Regulatory tax allowance 4,758 30 31 Regulatory profit/(loss) including financial incentives and wash-ups 22,472 32 33 3(ii): Pass-through and recoverable costs excluding financial incentives and wash-ups (\$000) 34 Pass through costs 35 Rates 1.417 36 Commerce Act levies 289 37 **Industry Levies** 64 38 CPP specified pass through costs 39 Recoverable costs excluding financial incentives and wash-ups 40 Urgent project allowance 41 Other recoverable costs excluding financial incentives and wash-ups Pass-through and recoverable costs excluding financial incentives and wash-ups 42 1,770 43 44 45 3(iv): Merger and Acquisition Expenditure 46 (\$000) 48 Merger and acquisition expenditure 49 Provide commentary on the benefits of merger and acquisition expenditure to the gas distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes) 50 51 (\$000) 3(v): Other Disclosures 52 53 (\$000) Self-insurance allowance

				ompany Name		distribution b	usiness
			F	or Year Ended		30 June 2019	
ch	EDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWAR) hedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This infor about Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination).	ms the ROI calculation in S				value of their RAB in	Schedule 14
	4(i): Regulatory Asset Base Value (Rolled Forward)		RAB	RAB	RAB	RAB	RAB
	4(i). Regulatory Asset base value (Nolleu Forward)	for year ended	30 Jun 15	30 Jun 16	30 Jun 17	30 Jun 18	30 Jun 19
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
	Total opening RAB value		483,573	496,747	375,662	390,463	406,0
	Total opening RAB value for Non Auckland gas distribution			131,352			
	less Total depreciation		15,182	9,484	10,338	10,995	11,4
	plus Total revaluations		1,933	1,521	6,542	5,853	6,7
	plus Assets commissioned		26,629	17,653	18,700	20,708	22,0
	less Asset disposals		143	92	107	43	
	plus Lost and found assets adjustment		(25)	-1	4	-	
					4	22	(
	plus Adjustment resulting from asset allocation		(38)	669	4	22	
	Total closing RAB value		496,747	375,662	390,463	406,008	424,0
					390,463		424,((\$000)
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation			375,662 Unallocate	390,463 d RAB * (\$000)	406,008	424,0 (\$000) 406,0
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus			375,662 Unallocate	390,463 d RAB * (\$000) 436,917	406,008	(\$000) 406,0
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations			375,662 Unallocate	390,463 d RAB * (\$000) 436,917	406,008	(\$000) 406,0
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus			375,662 Unallocate	390,463 d RAB * (\$000) 436,917	406,008	(\$000) 406,
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus			375,662 Unallocate (\$000)	390,463 d RAB * (\$000) 436,917	406,008 RAB (\$000)	(\$000) 406,0
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party			375,662 Unallocate (\$000)	390,463 d RAB * (\$000) 436,917 21,214 7,299	406,008 RAB (\$000)	(\$000) 406,0 11,4
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned			375,662 Unallocate (\$000)	390,463 d RAB * (\$000) 436,917	406,008 RAB (\$000)	(\$000) 406,0 11,4
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned less			375,662 Unallocate (\$000)	390,463 d RAB * (\$000) 436,917 21,214 7,299	406,008 RAB (\$000)	(\$000) 406,i 11,-
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets accommissioned less Asset disposals (other than below)			375,662 Unallocate (\$000)	390,463 d RAB * (\$000) 436,917 21,214 7,299	406,008 RAB (\$000)	(\$000) 406,i 11,-
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned less Asset disposals (other than below) Asset disposals to a regulated supplier			375,662 Unallocate (\$000)	390,463 d RAB * (\$000) 436,917 21,214 7,299	406,008 RAB (\$000)	(\$000) 406,0 11,4
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets accommissioned less Asset disposals (other than below)			375,662 Unallocate (\$000)	390,463 d RAB * (\$000) 436,917 21,214 7,299	406,008 RAB (\$000)	(\$000) 406,i 11,-
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Asset disposals to a regulated supplier Asset disposals to a regulated party Asset disposals to a regulated party Asset disposals to a related party			375,662 Unallocate (\$000)	390,463 d RAB * (5000) 436,917 21,214 7,299	406,008 RAB (\$000)	(\$000) 406,i 11,-
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Asset disposals to a regulated supplier Asset disposals to a regulated party Asset disposals to a regulated party Asset disposals to a related party			375,662 Unallocate (\$000)	390,463 d RAB * (5000) 436,917 21,214 7,299	406,008 RAB (\$000)	(\$000) 406,i 11,-
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Asset disposals (other than below) Asset disposals to a regulated supplier Asset disposals to a regulated supplier Asset disposals to a related party Asset disposals to a related party Asset disposals to a related party			375,662 Unallocate (\$000)	390,463 d RAB * (5000) 436,917 21,214 7,299	406,008 RAB (\$000)	(\$000) 406,(11,4 6,7
	Total closing RAB value 4(ii): Unallocated Regulatory Asset Base Total opening RAB value less Total depreciation plus Total revaluations plus Assets commissioned (other than below) Assets acquired from a regulated supplier Assets acquired from a related party Assets commissioned less Asset disposals (other than below) Asset disposals to a regulated supplier Asset disposals to a related party Asset disposals to a related party Asset disposals to a related party Asset disposals			375,662 Unallocate (\$000)	390,463 d RAB * (5000) 436,917 21,214 7,299	406,008 RAB (\$000)	424,0

									Company Name For Year Ended	Vector g	as distribution 30 June 2019	business
This s	chedule req	4: REPORT ON VALUE OF THE lauriers information on the calculation of the Regula anatory Notes). This information is part of audited	atory Asset Base (RA	B) value to the end	of this disclosure ye	ear. This informs the					e value of their RAE	in Schedule 14
sch ref												
52 53	4(iii):	Calculation of Revaluation Rate and	d Revaluation	of Assets								
54		CPI ₄										1,032
55 56		CPI ₄ -4 Revaluation rate (%)										1,015 1.67%
57 58									Unallocat	ed RAB *	R	AB
59 60		Total opening RAB value							(\$000) 436,917	(\$000)	(\$000) 406,008	(\$000)
61	less	Opening value of fully depreciated, disposed	and lost assets						1,114		340	
62 63		Total opening RAB value subject to revaluation	n						435,803		405,668	
64 65		Total revaluations							ļ	7,299		6,794
66	4(iv):	Roll Forward of Works Under Cons	truction									
67		Works under construction proceeding distance) War						Unallocated constr		Allocated works u	nder construction
68 69	plus	Works under construction—preceding disclosure Capital expenditure	e year						56,933	6,946	21,001	4,183
70 71	less plus	Assets commissioned Adjustment resulting from asset allocation							47,915		22,067	
72 73		Works under construction - current disclosure ye	ear						ļ	15,964		3,117
74 75		Highest rate of capitalised finance applied										5.63%
76	4(v): F	Regulatory Depreciation										
77 78									Unallocated RAB (\$000)	(\$000)	RAB (\$000)	(\$000)
79 80		Depreciation - standard Depreciation - no standard life assets							10,242 10,972		10,242 1,191	
81		Depreciation - modified life assets							- 10,572		- 1,131	
82 83		Depreciation - alternative depreciation in according to the control of the contro	ordance with CPP							21,214		11,433
84									(\$000)	unless otherwise sp	ecified)	
85	4(vi):	Disclosure of Changes to Depreciat	ion Profiles						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,	
										D dation	Closing RAB value	Clarker BAD codes
86		Asset or assets with changes to depreciation				Page	n for non-standard	donvociotion (tout	antmil	Depreciation charge for the period (RAB)	under 'non- standard' depreciation	Closing RAB value under 'standard' depreciation
87		Asset of assets with changes to depreciation				Reaso	II IOI IIOII-Stalluaru	depreciation (text	entryj	periou (KAB)	depreciation	depreciation
88 89												
90 91												
92												
93 94												
95		* include additional rows if needed										·
96	4(vii):	Disclosure by Asset Category										
97			Intermediate				(\$000 unless other	erwise specified)				
98			pressure main pipelines	Medium pressure main pipelines	Low pressure main pipelines	Service pipe	Stations	Line valve	Special crossings	Other network assets	Non-network assets	Total
99		Total depreciation	47,556 1,332	255,529 6,324	9,754 310	70,582 1,358	4,854 221	4,131 149	879 18	9,075 529	3,648 1,192	406,008 11,433
100 101	less plus	Total depreciation Total revaluations	792	4,278	310 163	1,185	81	69	18	153	58	6,794
102 103	plus Iess	Assets commissioned Asset disposals	58	9,276	-	7,265 5	417	183	-	1,196 7	3,672 4	22,067 19
104	plus	Lost and found assets adjustment					-			-		-
105 106	plus plus	Adjustment resulting from asset allocation Asset category transfers	-	-	-	-	-	-	-	-	611	611
107		Total closing RAB value	47,074	262,756	9,607	77,669	5,131	4,234	876	9,888	6,793	424,028
108 109		Asset Life										
110 111		Weighted average remaining asset life Weighted average expected total asset life	41 70	43 60	37 60	54 63	26 35	45 60	51 64	30 44	7 13	(years) (years)
			70	00	00	33	33	00	- 04	44	15	.,,



		Company Name	Vector gas distribution	n business
		For Year Ended	30 June 201	
SC	HEDULE	5a: REPORT ON REGULATORY TAX ALLOWANCE		
prof	fit). GDBs mus information i	uires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory tax allowance. This information is used to calculate regulatering the provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory spart of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the ID determination (as defined in section 1.4 of the ID determination).	Explanatory Notes).	
44	5a(iv):	Amortisation of Revaluations		(\$000)
45 46		Opening sum of RAB values without revaluations	370,300	
47			5: 5/555	
48		Adjusted depreciation	10,364	
49		Total depreciation	11,433	
50		Amortisation of revaluations		1,069
51				
52	5a(v):	Reconciliation of Tax Losses		(\$000)
53				
54	nd	Opening tax losses	-	
55 56	plus Iess	Current period tax losses Utilised tax losses	-	
<i>57</i>	1633	Closing tax losses		-
			_	•
58	5a(vi):	Calculation of Deferred Tax Balance		(\$000)
59				
60		Opening deferred tax	(28,907)	
61 62	plus	Tax effect of adjusted depreciation	2,902	
63	pius	Tax effect of dayasted depreciation	2,502	
64	less	Tax effect of tax depreciation	4,726	
65				
66	plus	Tax effect of other temporary differences*	196	
67 68	less	Tax effect of amortisation of initial differences in asset values	687	
69	7000		557	
70	plus	Deferred tax balance relating to assets acquired in the disclosure year	-	
71				
72	less	Deferred tax balance relating to assets disposed in the disclosure year	(3)	
73 74	plus	Deferred tax cost allocation adjustment	27	
75	pius	Deterred tax cost anocation adjustment	27	
76		Closing deferred tax		(31,191)
77				
78	5a(vii)	Disclosure of Temporary Differences		
,,	34(411)	In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Sc	chedule Salvi) (Tav effect of ot	her temporary
79		differences).	chedule su(vi) (rux ejject oj ot	ner temporary
80				
64	Faluin	: Regulatory Tax Asset Base Roll-Forward		
81	3a(VIII)	. Negulatory Tax Asset Dase Null-Fullwall		(\$000)
82 83		Opening sum of regulatory tax asset values	177,966	(\$000)
84	less	Tax depreciation	16,877	
85	plus	Regulatory tax asset value of assets commissioned	17,679	
86	less	Regulatory tax asset value of asset disposals	38	
87	plus	Lost and found assets adjustment		
88	plus	Adjustments resulting from asset allocation	707	
89 90	plus	Other adjustments to the RAB tax value Closing sum of regulatory tax asset values	-	179,437
50				175,457

		Company Name	Vector gas distribution business
		For Year Ended	30 June 2019
SCF	HEDULE 5b: REPORT ON RELATED I		
	schedule provides information on the valuation of relate		2.3.6 of the ID determination.
			nd so is subject to the assurance report required by clause 2.8.
sch ref			
	-100		(4000)
7	5b(i): Summary—Related Party Trans	sactions	(\$000) (\$000)
8	Total regulatory income		3,004
9			
10	Market value of asset disposals		
11 12	Service interruptions, incidents and eme	argancias	
13	Routine and corrective maintenance and		
14	Asset replacement and renewal (opex)		-
15	Network opex		-
16	Business support		
17	System operations and network support		63
18	Operational expenditure		63
19	Consumer connection		<u> </u>
20	System growth		-
21	Asset replacement and renewal (capex) Asset relocations		-
22	Asset relocations Quality of supply		
24	Legislative and regulatory		
25	Other reliability, safety and environment	t	-
26	Expenditure on non-network assets		-
27	Expenditure on assets		-
28	Cost of financing		_
29	Value of capital contributions		_
30	Value of vested assets		
31	Capital expenditure		
32 33	Total expenditure		63
34	Other related party transactions		
			_
35	5b(iii): Total Opex and Capex Related	d Party Transactions	_
35		d Party Transactions	
35			Total value of transactions
35		d Party Transactions Nature of opex or capex service provided	Total value of transactions (\$000)
	5b(iii): Total Opex and Capex Related	Nature of opex or capex	transactions
36	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41 42	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41 42 43	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41 42 43	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41 42 43	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41 42 43 44 45	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41 42 43 44 45 46	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41 42 43 44 45 46 47	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	5b(iii): Total Opex and Capex Related	Nature of opex or capex service provided	transactions (\$000)
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	Name of related party Vector Communications Limited	Nature of opex or capex service provided System operations and network support	transactions (\$000) 63
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	Name of related party Vector Communications Limited Total value of related party transactions	Nature of opex or capex service provided System operations and network support	transactions (\$000)
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	Name of related party Vector Communications Limited	Nature of opex or capex service provided System operations and network support	transactions (\$000) 63
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	Name of related party Vector Communications Limited Total value of related party transactions * include additional rows if needed	Nature of opex or capex service provided System operations and network support	transactions (\$000) 63 63 63 63
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	Name of related party Vector Communications Limited Total value of related party transaction: * include additional rows if needed In accordance with clause 2.3.8 of the ID of	Nature of opex or capex service provided System operations and network support	transactions (\$000) 63 63 63 63 63 63 63 63 63 6
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	Name of related party Vector Communications Limited Total value of related party transaction: * include additional rows if needed In accordance with clause 2.3.8 of the ID of	Nature of opex or capex service provided System operations and network support	transactions (\$000) 63 63 63 63 63 63 63 63 63 6
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Name of related party Vector Communications Limited Total value of related party transaction: * include additional rows if needed In accordance with clause 2.3.8 of the ID or related party transactions in the disclosure. 1) Vector communications limited: • Relationship: a wholly owned subsidi	Nature of opex or capex service provided System operations and network support System operatio	transactions (\$000) 63 63 63 63 63 63 63 63 63 6
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Name of related party Vector Communications Limited Total value of related party transactions * include additional rows if needed In accordance with clause 2.3.8 of the ID or related party transactions in the disclosure 1) Vector communications limited: • Relationship: a wholly owned subsidition of the principal activities: network communications limited:	Nature of opex or capex service provided System operations and network support System operatio	transactions (\$000) 63 63 63 63 63 63 63 63 63 6
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Name of related party Vector Communications Limited Total value of related party transaction: * include additional rows if needed In accordance with clause 2.3.8 of the ID or related party transactions in the disclosure. 1) Vector communications limited: • Relationship: a wholly owned subsidi	Nature of opex or capex service provided System operations and network support System operatio	transactions (\$000) 63 63 63 63 63 63 63 63 63 6
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Name of related party Vector Communications Limited Total value of related party transaction: * include additional rows if needed In accordance with clause 2.3.8 of the ID or related party transactions in the disclosure 1) Vector communications limited: • Relationship: a wholly owned subsidi • Principal activities: network commun • OPEX: \$63k 2) Vector Gas Trading Limited: • Relationship: a wholly owned subsidi • Relationship: a wholly owned subsidi	Nature of opex or capex service provided System operations and network support System operatio	transactions (\$000) 63 63 63 63 63 63 63 63 63 6
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Name of related party Vector Communications Limited Total value of related party transactions * include additional rows if needed In accordance with clause 2.3.8 of the ID or related party transactions in the disclosure 1) Vector communications limited: • Relationship: a wholly owned subsidition of the principal activities: network communications of the principal activities of the principal activities of the principal activit	Nature of opex or capex service provided System operations and network support System operatio	transactions (\$000) 63 63 63 63 63 63 63 63 63 6

Company Name Vector gas distribution busines For Year Ended 30 June 2019 SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. 5c(i): Qualifying Debt (may be Commission only) Book value at date of financial Term Credit statements (NZD) Spread Difference Original tenor (in Debt issue cost Issuing party

Capital bonds – fixed coupon Coupon rate (%) Issue date Pricing date years) issue date (NZD) readjustment 15-Jun-17 14-Jun-17 306,192 Floating rate notes 13 14 15 BKBM + []VCI FRN - series 3 26-Oct-05 26-Oct-05 350,000 349,476.60 []VC []VCI 17 Unsubordinated fixed rate bonds 3 45 250.000 247.086 18 19 27-May-19 16-May-19 LIACI []VCI Senior notes - USD fixed rate 20 21 22 23 2004 series- 15 years 16-Sep-04 5.75 []VCI 19-Jul-04 296,623 []VC 2010 series- 12 years 2014 series- 7 years 20-Dec-10 14-Oct-14 250,516 150,000 []VCI 19-Jun-14 []VCI []VCI 24 25 []VC 2017 series - 10 years 2017 series - 12 years 25-Oct-17 25-Oct-17 28-Sep-17 28-Sep-17 []VCI 277,200 138,600 []VC []VCI 26 27 Senior notes - USD fixed rate subtotal 1,112,939 1,220,546 []VCI []vci 28 29 30 31 32 []VCI []VCI Orginal Issue 14-Mar-17 3-Mar-17 4.996 100,000 Tap Issue 25-Jun-18 21-Jun-18 5.7 140,000 []VCI 243,859 []VCI []VCI []VCI 33 34 35 15-Mar-17 23-Dec-16 BKBM + []VCI LIACI 15-Mar-17 23-Dec-16 BKBM + []VCI 15-Mar-17 23-Dec-16 BKBM + []VCI []VCI 36 37 гтуст 2-Feb-18 19-Dec-17 BKBM + []VCI []VCI 31-Jul-18 BKBM + []VCI 26-Jul-18 31-Jul-18 31-Jul-18 26-Jul-18 26-Jul-18 BKBM + []VCI BKBM + []VCI []VCI []vci 42 43 Bank loans subtotal 393,819 44 45 46 47 48 49 50 51 VCI relates to Vector's Confidential Information include additional rows if needed 5c(ii): Attribution of Term Credit Spread Differential 54 Gross term credit spread differential 6,715 Total book value of interest bearing debt 57 58 59 60 61 Average opening and closing RAB values Attribution Rate (%) 6% Term credit spread differential allowance 424

			Company Name	Vector g	as distribution	business
			For Year Ended		30 June 2019)
s۲	HEDULE 5d: REPORT ON COST ALLOCATIONS					
		:- C-b-d-l- 14 (84-	adatas, Fralasatas, N		:	
	schedule provides information on the allocation of operational costs. GDBs must provide explanatory comment on their cost allocation information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurar			otes), including on ti	ie impact of any re	Classifications.
			,			
h re						
ĺ						
7	5d(i): Operating Cost Allocations					
8			Value alloca			
		Arm's length	Gas distribution	Non-gas distribution		OVABAA allocation
9		deduction	services	services	Total	increase (\$000s)
10	Service interruptions, incidents and emergencies					
11	Directly attributable		2,200			
12	Not directly attributable		-	-		_
13	Total attributable to regulated service		2,200			
14	Routine and corrective maintenance and inspection					
15	Directly attributable		2,975			
16	Not directly attributable		_	-		-
17	Total attributable to regulated service		2,975			
18	Asset replacement and renewal					
19	Directly attributable		-			
20	Not directly attributable		-	-		-
21	Total attributable to regulated service		-			
22	System operations and network support					
23	Directly attributable		1,556			-1
24	Not directly attributable		1,426	10,178	11,60	4
25	Total attributable to regulated service		2,982			
26	Business support					
27	Directly attributable		64			_
28	Not directly attributable		4,806	46,645	51,45	1
29 30	Total attributable to regulated service		4,870			
31	Operating costs directly attributable		6,795			
32	Operating costs and directly attributable		- 6,232	56,823	63,05	5
33	Operational expenditure		13,027	00,020		
34						

					Company Name	Vector	gas distribution	husiness
					For Year Ended	vector į	30 June 2019	business
	HEDDING ENG DEBODE ON COST ALLOC	ATIONS			roi real Ellaea		30 Julie 2019	
This This	HEDULE 5d: REPORT ON COST ALLOC schedule provides information on the allocation of operatio information is part of audited disclosure information (as def	nal costs. GDBs must provide explanatory commen				otes), including on t	he impact of any rec	classifications.
sch re	f							
35	5d(ii): Other Cost Allocations				Value alloca	ited (\$000s)		
						Non-gas		
36	Pass through and recoverable costs			Arm's length deduction	Gas distribution services	distribution services	Total	OVABAA allocation increase (\$000s)
37	Pass through costs							
38	Directly attributable				1,770			
39	Not directly attributable				-			-
40	Total attributable to regulated service		_		1,770			
41	Recoverable costs							
42	Directly attributable		_		-		1	
43	Not directly attributable				-			
44	Total attributable to regulated service				-			
45	5d(iii): Changes in Cost Allocations* †							
46						(\$)	000)	
47	Change in cost allocation 1					CY-1	Current Year (CY)	7
48	Cost category				Original allocation			_
49 50	Original allocator or line items New allocator or line items				New allocation Difference			
51	New anocator of fine items				Difference			1
52	Rationale for change							1
53								
54								
55	al						000)	
56 57	Change in cost allocation 2 Cost category				Original allocation	CY-1	Current Year (CY)	1
58	Original allocator or line items				New allocation			-
59	New allocator or line items				Difference			
60								1
61 62	Rationale for change							
63								_
64						(\$0	000)	
65	Change in cost allocation 3					CY-1	Current Year (CY)	7
66	Cost category				Original allocation			_
67 68	Original allocator or line items New allocator or line items				New allocation Difference			
69	Ten dioceco. Of fine items		_		crence			
70	Rationale for change							
71								
72 73	* a change in cost allocation must be completed for each	cost allocator change that has occurred in the disc	locure year. A movement in	an allocator mot	ic is not a change in	llocator or compone	ent	
74	† include additional rows if needed	cost anocator change that has occurred in the disci	osure yeur. A movement in	an anocator meti	ic is not a change in t	mocutor or compone		
	,							

			Company Name	Vector	gas distribution business
			For Year Ended	Vector g	30 June 2019
sc	HEDULE 5e: REPORT ON ASSET ALLOC	ATIONS			
Sche	schedule requires information on the allocation of asset valuedule 14 (Mandatory Explanatory Notes), including on the imposo is subject to the assurance report required by section 2.8.				
sch re	f				
7	5e(i): Regulated Service Asset Values				
				Value allocated	
8				(\$000s)	
9				Gas distribution services	
10	Main pipe				
11 12	Directly attributable Not directly attributable			319,437	
13	Total attributable to regulated service			319,437	
14	Service pipe				
15	Directly attributable			77,669	
16 17	Not directly attributable Total attributable to regulated service			77,669	
18	Stations				
19	Directly attributable			5,131	
20 21	Not directly attributable Total attributable to regulated service			5,131	
22	Line valve			5,151	
23	Directly attributable			4,234	
24	Not directly attributable Total attributable to regulated service			4,234	
25 26	Special crossings			4,234	
27	Directly attributable			876	
28	Not directly attributable			-	
29 30	Total attributable to regulated service Other network assets			876	
31	Directly attributable			9,888	
32	Not directly attributable			-	
33	Total attributable to regulated service			9,888	
34 35	Non-network assets Directly attributable			1,706	
36	Not directly attributable			5,087	
37 38	Total attributable to regulated service			6,793	
39	Regulated service asset value directly attributable	e		418,941	
40	Regulated service asset value not directly attribu	table		5,087	
41 42	Total closing RAB value			424,028	
43	5e(ii): Changes in Asset Allocations* †				
44	Je(ii). Changes in Asset Anocations				
45	Change in asset value allocation 1				(\$000)
46 47	Asset category	Non-network assets		Original allocation	CY-1 Current Year (CY) 106 96
77		Property, plant and equipment ratio for		New allocation	
48 49	Original allocator or line items New allocator or line items	regulated businesses Directly attributable		Difference	857 772 (751) (676)
50	New disorder of line items				(731)
51 52	Rationale for change	The shared assets are now 100% used for the gas dist	ribution business		
53					
54					(\$000)
55 56	Change in asset value allocation 2 Asset category			Original allocation	CY-1 Current Year (CY)
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 70	Rationale for change				
71			_,		
72	component.				
73	† include additional rows if needed				

Vector gas distribution business Company Name 30 June 2019 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(i): Expenditure on Assets (\$000) (\$000) 8 Consumer connection 18,055 9 System growth 663 10 1.201 Asset replacement and renewal Asset relocations 2,319 12 Reliability, safety and environment: 13 Quality of supply 180 202 14 Legislative and regulatory Other reliability, safety and environment 529 911 16 Total reliability, safety and environment 17 **Expenditure on network assets** 18 Expenditure on non-network assets 3,834 19 20 **Expenditure on assets** 26,983 21 Value of capital contributions 6,057 22 less Value of vested assets 24 21,001 25 Capital expenditure 6a(ii): Subcomponents of Expenditure on Assets (where known) (\$000) 26 Research and development 27 6a(iii): Consumer Connection 28 (\$000) (\$000) Consumer types defined by GDB* Mains Extensions/Subdivsions 30 5.691 31 Service Connections - Residential 10.434 Service Connections - Commercial 1,930 32 33 **Customer Easements** 34 35 * include additional rows if needed 18.055 36 37 Consumer connection expenditure 3.996 38 less Capital contributions funding consumer connection expenditure 14,059 39 Consumer connection less capital contributions 40 6a(iv): System Growth and Asset Replacement and Renewal Asset 41 Replacement and Renewal 42 **System Growth** 43 (\$000) (\$000) 44 Intermediate pressure 45 Main pipe Service pipe 361 66 47 Stations 48 Line valve 70 62 371 49 Special crossings 50 Intermediate pressure -total 431 499 Medium pressure 232 523 52 Main pipe 53 Service pipe 78 54 Stations 74 55 Line valve 56 Special crossings 675 57 Medium pressure - total 232 58 Low pressure 59 Main pipe 60 Service pipe 61 Line valve 62 Special crossings 63 Low pressure - total Other network assets

		Company Name	Vector gas distribution bu	siness
		For Year Ended	30 June 2019	
HEDULE	6a: REPORT ON CAPITAL EXPENDITURE FOR THE DI	ISCLOSURE YEAR		
iding assets s must provi	quires a breakdown of capital expenditure on assets incurred in the disclosure year, i that are vested assets. Information on expenditure on assets must be provided on ar ide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory is part of audited disclosure information (as defined in section 1.4 of the ID determin	n accounting accruals basis notes to templates).	and must exclude finance costs.	
f	Manitoring and control systems			
	Monitoring and control systems Cathodic protection systems			27
	Other assets (other than above)			
	Other network assets - total		_	27
	System growth and asset replacement and renewal expenditure		663	1,20
less	Capital contributions funding system growth and asset replacement and renewa	ıl	-	
	System growth and asset replacement and renewal less capital contributions		663	1,20
62(v):	Asset Relocations			
ua(v).			(¢000)	(¢000)
	Project or programme*		(\$000)	(\$000)
	* include additional rows if needed			
	All other projects or programmes - asset relocations		2,319	
	Asset relocations expenditure		2.051	2,31
	Capital contributions funding asset relocations Asset relocations less capital contributions		2,061	25
ŕ	Asset relocations less capital contributions			
6a(vi):	: Quality of Supply			
` '	Project or programme*		(\$000)	(\$000)
	* include additional rows if needed			
	All other projects or programmes - quality of supply		180	
	Quality of supply expenditure			18
less	Capital contributions funding quality of supply		-	
	Quality of supply less capital contributions			18
6a(vii)	: Legislative and Regulatory			
	Project or programme*		(\$000)	(\$000)
	* include additional rows if needed			
	All other projects or programmes - legislative and regulatory		202	
	Legislative and regulatory expenditure		202	20
less	Capital contributions funding legislative and regulatory		-	
	Legislative and regulatory less capital contributions			20
6-1	A. Othor Polichility, Cofety and Facility was			
pa(VIII): Other Reliability, Safety and Environment		*****	(40.5.5)
	Project or programme*		(\$000)	(\$000)
	* include additional rows if needed			
	All other projects or programmes - other reliability, safety and environment		529	
	Other reliability, safety and environment expenditure			52
less	Capital contributions funding other reliability, safety and environment		-	
	Other reliability, safety and environment less capital contributions			52

		_		
		Company Name	Vector gas distribution	
		For Year Ended	30 June 20:	19
SC	CHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCL	OSURE YEAR		
excl GDE	s schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, includi luding assets that are vested assets. Information on expenditure on assets must be provided on an acco Bs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes s information is part of audited disclosure information (as defined in section 1.4 of the ID determination	unting accruals basis an to templates).	d must exclude finance costs	
123	6a(ix): Non-Network Assets			
124	Routine expenditure			
125	Project or programme*		(\$000)	(\$000)
126	The state of the s			,
127				
128				
129				
130				
131	* include additional rows if needed			
132	All other projects or programmes - routine expenditure		3,301	3,301
133	Routine expenditure			3,301
134	Atypical expenditure			
135	Project or programme*		(\$000)	(\$000)
136				
137				
138 139				
140				
141	* include additional rows if needed			
142	All other projects or programmes - atypical expenditure		533	
143	Atypical expenditure			533
144				
145	Expenditure on non-network assets			3,834

Company Name Vector gas distribution business **30 June 2019** For Year Ended SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR This schedule requires a breakdown of operational expenditure incurred in the current disclosure year. GDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. sch ref 6b(i): Operational Expenditure (\$000) (\$000) Service interruptions, incidents and emergencies 2,200 Routine and corrective maintenance and inspection 2.975 10 Asset replacement and renewal 5,175 11 Network opex 12 System operations and network support 2,982 13 **Business support** 7,852 14 Non-network opex 15 16 Operational expenditure 13,027 6b(ii): Subcomponents of Operational Expenditure (where known) 18 Research and development 19 Insurance

Company Name

Vector gas distribution business

For Year Ended 30 June 2019

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

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

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

SC	h		_	4
٠	11	1	۳	

8	7(i): Revenue	Target (\$000) 1	Actual (\$000)	% variance
9	Line charge revenue	48,094	47,103	(2%)
			•	
10	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
11	Consumer connection	17,135	18,055	5%
12	System growth	2,122	663	(69%)
13	Asset replacement and renewal	1,593	1,201	(25%)
14	Asset relocations	3,760	2,319	(38%)
15	Reliability, safety and environment:			
16	Quality of supply	431	180	(58%)
17	Legislative and regulatory	-	202	-
18	Other reliability, safety and environment	317	529	67%
19	Total reliability, safety and environment	748	911	22%
	Expenditure on network assets	25,358	23,149	(9%)
21	Expenditure on non-network assets	1,417	3,834	171%
22	Expenditure on assets	26,775	26,983	1%
23	7(iii): Operational Expenditure			
		2.170	2 200	10/
24 25	Service interruptions, incidents and emergencies Routine and corrective maintenance and inspection	2,178 2,657	2,200 2,975	1%
26	Asset replacement and renewal	2,037	2,975	1270
27	Network opex	4,835	5,175	7%
28	System operations and network support	2,519	2,982	18%
29	Business support	4,725	4,870	3%
30	Non-network opex	7,244	7,852	8%
31	Operational expenditure	12,079	13,027	8%
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Research and development	-	-	-
34	7(v): Subcomponents of Operational Expenditure (where known)			
35	Research and development	_		
36	Insurance	75	210	180%
				-2370
37	1 From the nominal dollar target revenue for the pricing year disclosed under clause 2.4.3(3) of this determination	on	

Vector GDB ID 2019 Schedules 1-10

2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of

the disclosure year (the second to last disclosure of Schedules 11a and 11b)

								ompany Name	Vecto	or gas distribution busin	000
									Vecti	30 June 2019	.ess
								or Year Ended		30 June 2019	
							Network / Sub-	Network Name			
is sche		D QUANTITIES AND LINE CH ociated line charge revenues for the disclosur Ps.		orice category code used by	the GDB in its pricing sched	lules. Information is also requ	ired on the number c	f ICPs that are inclu	ded in each consumer g	roup or price	
	8(i): Billed quantities by price	component									
)							Billed quantities by	price component			Add extra
,						Price component	Fixed	Variable			columns for additional billed quantities by price componer 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	104,112	2,424		37,995,128	673,459,067			
	GA01	Commercial	Standard	2,361	277		861,817	76,920,873			
	GA02	Commercial	Standard	2,841	981		1,037,485	272,616,207			
	GA03	Commercial	Standard	979	2,093		356,691	581,479,519			
	GA04	Commercial	Standard	153	1,941		55,894	539,171,965			
	GA05	Commercial	Standard	22	2,854		8,053	792,727,795			
	Non-standard	Commercial	Non-standard	23	3,823		8,398	1,062,065,913			
	Add extra rows for additional consume	r groups or price category codes as necessary									_
			Standard consumer totals	110,468	10,571		40,315,068	2,936,375,426	-	-	
			Non-standard consumer totals	23	3,823		8,398	1,062,065,913	-	=	-
			Total for all consumers	110,491	14,394		40,323,466	3,998,441,339	_	_	_

dule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price code, and the energy delivered to these ICPs. 8(ii): Line charge revenues (\$000) by price component Price component Fixed Variable Variable Some of the disclosure group or price consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price consumer group or price code, and the energy delivered to these ICPs. **Notional revenue**								С	ompany Name	V	ector gas distribution b	usiness
DULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES dular requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price component Secondary Consumer group name or price Consumer type or types (eg. residential) Standard or non-standard Consumer group price component Fixed Variable Consumer group name or price									For Year Ended		30 June 2019	
8(ii): Line charge revenues (\$000) by price component Total line charge Consumer group name or price category code Residential Consumerial Standard Stand								Network / Sub-I	Network Name			
8(ii): Line charge revenues (\$000) by price component **Total line charge revenues (\$000) by price component **Fixed Variable Variable **Consumer group name or price category code or consumer type or types (eg residential) **Standard or non-standard standard **Standard \$26,524 \$513,249 \$513,230 \$	EC	OULE 8: REPORT ON BILLE	D OUANTITIES AND LINE CH	HARGE REVENUES					_			
8(ii): Line charge revenues (\$000) by price component Total line charge Consumer group name or price category code Residential Consumerial Standard Stand					orice category code used	by the GDB in its pricing sched	ules. Information is also requir	ed on the number o	of ICPs that are inclu	ded in each consum	ner group or price	
Consumer group name or price Consumer type or types (eg., residential) Standard or non-standard Standard Standa					,	,						
Consumer group name or price Component Vpes (eg., residential, etc.) GAOR Residential Standard consumer group (specify) GAOR GAOR GAOR GAOR GAOR GAOR GAOR GAOR												
Consumer group name or price Component Vpes (eg., residential, etc.) GAOR Residential Standard consumer group (specify) GAOR GAOR GAOR GAOR GAOR GAOR GAOR GAOR												
Consumer group name or price Consumer type or types (eg, residential, consumer group (specify) C	8	8(ii): Line charge revenues (\$	000) by price component									
Consumer group name or price component category code a revenue in disclosure foregone from posted discounts (if applicable) GAOR Residential Standard Stand							Ļ	ine charge revenue	es (\$000) by price co	mponent		Add extr
Consumer group name or price Consumer type or types (eg., residential, consumer group (specify) Consumer (sp							Price component	Fixed	Variable			additional charge reve
Standard		•			revenue in disclosure	foregone from posted		\$/Day	\$/kWh			componen necessar
Standard			I	L			_					
Standard							-					
Standard							-					
GA04 Commercial Standard S3,586 S821 S2,765 S2,005 S1,634 S872 S2,635 S			1									
Standard												
Non-standard Commercial Non-standard \$2,896 \$2,635 \$261 \$ \$261 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$												
Standard consumer totals \$44,207 - \$19,162 \$25,045 - - -		Non-standard	Commercial	Non-standard	\$2,896			\$2,635	\$261			
Standard consumer totals \$44,207 - \$19,162 \$25,045 - - -												
Standard consumer totals \$44,207 - \$19,162 \$25,045 - - -					-			, and the second				
Standard consumer totals \$44,207 - \$19,162 \$25,045 - - -					-							
Standard consumer totals \$44,207 - \$19,162 \$25,045 - - -												
Standard consumer totals \$44,207 - \$19,162 \$25,045 - - -												
		Add extra rows for additional consume	r groups or price category codes as necessary				-					
Non-standard consumer totals \$2,896 - \$2,635 \$261 - -						-				-	-	-
Total for all consumers \$47,103 - \$21,797 \$25,306										-	-	

			Comp	oany Name	V	ector gas distril		SS
			For	Year Ended		30 June	2019	
			Network / Sub-net	vork Name				
СН	HEDULE 9a: ASSET	REGISTER		,				
		of the quantity of assets that make up	the network, by asset category and	asset 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	241	241	0	4
	Intermediate Pressure	Main pipe	IP other main pipe	km	-	-	-	N/A
	Intermediate Pressure	Service pipe	IP PE service pipe	km	-	-	-	N/A
	Intermediate Pressure	Service pipe	IP steel service pipe	km	6	6	(0)	3
	Intermediate Pressure	Service pipe	IP other service pipe	km	-	-	-	N/A
	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	96	95	(1)	4
	Intermediate Pressure	Line valve	IP line valves	No.	643	641	(2)	3
	Intermediate Pressure	Special crossings	IP crossings	No.	20	20	-	4
	Medium Pressure	Main pipe	MP PE main pipe	km	3,960	4,015	54	4
	Medium Pressure	Main pipe	MP steel main pipe	km	212	212	(0)	4
	Medium Pressure	Main pipe	MP other main pipe	km	1	1	-	3
	Medium Pressure	Service pipe	MP PE service pipe	km	2,207	2,228	21	4
	Medium Pressure	Service pipe	MP steel service pipe	km	27	26	(1)	4
	Medium Pressure	Service pipe	MP other service pipe	km	3	3	(0)	4
	Medium Pressure	Stations	Medium pressure DRS	No.	151	141	(10)	4
	Medium Pressure	Line valve	MP line valves	No.	2,818	2,815	(3)	3
	Medium Pressure	Special crossings	MP special crossings	No.	69	69	-	3
	Low Pressure	Main pipe	LP PE main pipe	km	0	0	-	4
	Low Pressure	Main pipe	LP steel main pipe	km	-	-	-	N/A
	Low Pressure	Main pipe	LP other main pipe	km	-	-	-	N/A
	Low Pressure	Service pipe	LP PE service pipe	km	2	1	(0)	4
	Low Pressure	Service pipe	LP steel service pipe	km	1	1	(0)	3
	Low Pressure	Service pipe	LP other service pipe	km	0	-	(0)	N/A
	Low Pressure	Line valve	LP line valves	No.	3	2	(1)	4
	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	N/A
	All	Monitoring and control systems	Remote terminal units	No.	78	78	-	3

EDULE 9b: ASSET A edule requires a summary of																							Compa For Ye	ar Ended						Vector		ne 2019					
	AGE PROFILE the age profile (based on year of insta	allation) of the assets that make up th	he network,	, by asset car	egory and as	sset class.																Network /	'Sub-netwo														
	Disclosure Year (year ended)	30 June 2019							N	umber of a	assets at disc	losure year (end by inst	tallation dat	e																						
									1995																									with age	of year		Data accu
Operating Pressure	Asset Category		_	-1974	-1979	-1984	1989	-1994	-1999 2	2000	2001 20	02 200	3 200	4 2005	2006	2007	2008	2009	2010 2	011 20	12 201	3 2014	2015	2016	2017	2018	2019 2	020 20	021 2	022 2	2023	.024	2025 unl	known ((quantity)	default dates	(1-4) N/A
ntermediate Pressure	Main pipe Main pipe	IP PE main pipe km IP steel main pipe km	· ——	14	-	16	60	13	49	25	-	1	0	-	0	1 .	1 ,	- n n	-	-	1	0	1 0	- 1	- 1	- 1	-					$-\!\!\!+$	-+		241	\longrightarrow	N/A
			· — · · ·	14	4	10	60	15	49	25	U	1	U	-	U	1 .	1 (U	U	U	1	U	1 0	1	1	1	U			-		-+	-		241	\longrightarrow	N.
termediate Pressure	Main pipe		<u> </u>	-					-			_	-	-	-	-	-	-	-	_	-	-	-	_	-	-		-		-		-+		-		\longrightarrow	N.
termediate Pressure termediate Pressure	Service pipe Service pipe	IP PE service pipe km IP steel service pipe km	,	1 0	-	0	- 1	2	2	-	0	0	0	0	0	0 (2 (0 0	0	0	0	0	0 0	-	-	-	0					-+	-+	-	-	\longrightarrow	IN
termediate Pressure	Service pipe	IP other service pipe km	<u> </u>		-	-	-		-	-	-	-	-	-	-		-	-	-	-	-	-	- 0	-	-	-	-		_			-+	-+		-	\longrightarrow	N.
ntermediate Pressure	Stations	Intermediate pressure DRS No	6	1	6	6	3	2	5/1	1	2	1	_	_	1		1	1		1	2	_	2 4	1								-+	-	$\overline{}$	95		14,
ntermediate Pressure	Line valve	IP line valves No	42	29	16	55	154	93	62	10	7	4	5	3	6	6 9	5 6	6 4	10	5	9	8	27 23	7	8	4	3					-+	-+	30	641	\longrightarrow	
ntermediate Pressure	Special crossings	IP crossings No	3		-	1	7	-	5	1			_	-	-		1	-	1		1				_	-	-					-+	-+		20	\longrightarrow	4
Medium Pressure	Main pipe	MP PE main pipe km	n 14	1 4	17	57	181	513	1.480	171	94	81 1	27	89 10	00 11	19 98	B 67	7 40	48	59	63	86	97 85	94	103	84	42					-+		2	4,015	+	4
Medium Pressure	Main pipe	MP steel main pipe km		24	14	77	75	5	5	0	0	0	0	0	0	0 () (0 0	0	0	0	0	0 0	0	0	0	0					-+		0	212	+	4
Medium Pressure	Main pipe	MP other main pipe km	n 1	0	0	0	0	0	0	0	0	0	0		-		-	-	_	-				_	-	-	-					-		0	1	$\overline{}$	
Medium Pressure	Service pipe	MP PE service pipe km	n 4	1	2	5	61	318	658	98	55	58	79	94	78 7	79 72	2 60	0 37	44	63	53	54	55 42	44	42	40	30							1	2,228		4
Medium Pressure	Service pipe	MP steel service pipe km	n 2	1	2	6	6	4	4	0	0	0	0	0	0	0 () (0 0	0	0	0	0	0 0	0	0	0	0					<u> </u>		0	26		4
Medium Pressure	Service pipe	MP other service pipe km	n 0	0	0	0	2	0	0	0	-	-	0	0	-	-	- (0	-	-	-	0		-	-	0	-								3		4
Medium Pressure	Stations	Medium pressure DRS No). 1	. 2	-	6	23	57	34	1	-	2	-	1	6	2	1	-	-	-	1	1	1 1	-	1	-	-							- 7	141		
edium Pressure	Line valve	MP line valves No	. 40	85	87	581	604	396	243	44	30	38	19	16	10 3	39 29	9 29	9 31	14	35	28	49	49 55	49	42	41	32							70	2,815		
edium Pressure	Special crossings	MP special crossings No).	- 1	2	7	11	9	12	5	-	-	-	-	-	3	2 2	2	3	2	-	2	1 -	-	-	-	-							7	69		
ow Pressure	Main pipe	LP PE main pipe km	n .	- 0	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 0	-	-	-	-							-	0		
w Pressure	Main pipe	LP steel main pipe km	n .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-	-		N,
ow Pressure	Main pipe	LP other main pipe km	n .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-							-	-		N,
w Pressure	Service pipe	LP PE service pipe km	n 0	0	0	0	1	1	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0 0	-	0	-	-							-	1		4
w Pressure	Service pipe	LP steel service pipe km	n 0	0	-	0	0	0	0	-	-	-	-	-	0	-	-	-	-	-	-	0	0 -	-	-	-	-					L		0	1		1
ow Pressure	Service pipe	LP other service pipe km	n -		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-					L			-		N
ow Pressure	Line valve	LP line valves No).		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-		-	-	-	-							-	2		
ow Pressure	Special crossings	LP special crossings No).		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	1						- 7	-		N
JI	Monitoring and control systems	Remote terminal units No		+									_	_	_	_	_					_	_												78		

		Company Name	Vector g	as distribution	husiness
		For Year Ended	vector g	30 June 2019	business
				30 Julie 2019	
		Sub-network Name			
SC	CHEDULE 9c: REPORT ON PIPELINE DATA				
This	s schedule requires a summary of the key characteristics of the pipeline network.				
sch re	ef				
Ī					
	Network Information (end of year)				
8		Length (km)	%		
	System length by material (defined by GDB) Unknown			Ī	
10 11	Steel	0 485	0.00% 7.20%		
12	PE	6,244	92.73%		
13	Other	0,244	0.06%		
14	Otto	-	- 0.00%		
15			-		
16	System length	6,733	100.00%		
17					
			Weighted average		Gas conveyed for Persons not
		System length	pipe diameter	Number of ICPs	involved in the
18	By operating pressure:	(km) (at year end)	(mm)	(at year end)	GDB (TJ)
19	Intermediate pressure	247	162	187	3,145
20	Medium pressure	6,484	38	111,132	9,108
21	Low pressure	2	44	323	15
22	Total	6,733	43	111,642	12,268

	Company Name	Vector ga	s distribution business
	For Year Ended		30 June 2019
	Network / Sub-network Name		
SC	CHEDULE 9d: REPORT ON DEMAND		
Thi	s schedule requires a summary of the key measures of network demand for the disclosure	year (number of ne	w connections
inc	luding, maximum monthly loads and total gas conveyed)		
sch r	ef		
8			
9	9d(i): Consumer Connections		
10	Number of ICPs connected in year by consumer type		
11			
42	6 4 6 4 600		Number of
12 13	Consumer types defined by GDB Residential		connections (ICPs) 3,172
13	Commercial		150
15	Commercial		130
16			
17			
18		Total	3,322
19	9d(ii): Gas Delivered	•	
20	Juliij. Gas Delivered		
21	Number of ICPs at year end	111,642	connections
22	Maximum daily load	60,660	(GJ per day)
23	Maximum monthly load	1,506,177	(GJ per month)
24	Number of directly billed ICPs	-	(at year end)
25	Total gas conveyed	14,432,176	(GJ per annum)
26	Average daily delivery	39,540	(GJ per day)
27			
28	Load factor	79.85%	

	Company Name	Vector ga	s distribution b	usiness
	For Year Ended		30 June 2019	
	Network / Sub-network Name			
s.c	HEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS			
	schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and CAIDI) for the disclosure yea			
GDE	Is must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templa losure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2	ates). The SAIDI and S	AIFI information is pa	art of audited
sch re	f			
8	10a(i): Interruptions			
9	Interruptions by class	Actual		
10	Class A (planned interruptions by GTB)	-		
11	Class B (planned interruptions on the network)	389		
12	Class C (unplanned interruptions on the network)	36		
13	Class D (unplanned interruptions by GTB)	-		
14	Class I (unplanned interruptions caused by third party damage)	181		
15	Total	606		
16	Number of unplanned outage events (interruptions that affect more than 5 ICPs)	Actual		
17	Vector network	5		
18				
19				
20				
21		<u> </u>		
22 23	Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs) Vector network	Actual 4		
24	Vector network	4		
25				
26				
27				
28	10a(ii): Reliability			
29	Overall reliability	SAIDI	SAIFI	CAIDI
30	Based on the total number of interruptions	1,110	7.55	147
31	Class I (unplanned interruptions caused by third party damage)	339	3.09	110
32	Class B (planned interruptions on the network)	SAIDI	SAIFI	CAIDI
33	Vector network	392	4.03	97.3
34				-
35				_
36				-
37				-
20			CAIFI	CAIDI
38	Class C (unplanned interruptions on the network)	SAIDI	SAIFI	CAIDI
38 39	Class C (unplanned interruptions on the network) Vector network	SAIDI 379	0.43	873
39 40 41				
39 40				

		Company Name	Vector g	as distribution	business
		For Year Ended		30 June 2019	
	Network / Sub-	network Name			
	CHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SER				
This	s schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emergencie	s etc) for the disclo	sure year.		
sch re	ef				
	40h/i\ Contant Condition and lateration				
8	10b(i): System Condition and Integrity				
	Number of confirmed public reported gas escapes per system length				
9	(escapes/1000 km)	Actual			
10	Vector network	20.945			
11					
12 13					
14					
	Number of leaks detected by routine survey per system length				
15 16	(leaks/1000 km) Vector network	Actual 3.268			
17	vector network	3.200			
18					
19 20					
20					
	Number of third party damage events per system length				
21	(events/1000 km)	Actual			
22	Vector network	46.494			
23 24					
25		-			
26					
27	Number of poor pressure events due to network causes	Actual			
28	Vector network	1			
29					
30 31					
32					
33					
	Number of telephone calls to emergency numbers answered within 30 seconds per				
34	total number of calls	Actual			
25	Note: This entry may be excluded for sub-networks. Vector network	78.30%			
35 36	Vector network	78.30%			
37					
38					
39					
40	Product control—safety of distribution gas	Actual			
41	Number of non-compliant odour tests	-			
	401/11) 0				
42	10b(ii): Consumer Service	Proportion of	Proportion of		
		emergencies	emergencies	Average call	
43	Response time to emergencies (RTE)	responded to within 1 hour (%)	responded to within 3 hours (%)	response time (hours)	Number of emergencies
44	Vector network	97.75%	100.00%	0.61	89
45					
46					
47 48					
	Number of complaints	Actual			
49 50	Number of complaints Number of complaints per average total consumer numbers	Actual 0.0010			
50	Trainible of complaints per average total consumer manipers	0.0010			