

EDB Information Disclosure Requirements Information Templates for Schedules 1–10

Company Name
Disclosure Date
Disclosure Year (year ended)

Vector
21 August 2013
31 March 2013

Templates for Schedules 1–10
Template Version 2.1. Prepared 14 May 2013

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2 TOC

Disclosure Template Guidelines for Information Entry

These templates have been prepared for use by EDBs when making disclosures under subclauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Electricity Distribution Information Disclosure Determination 2012. Disclosures must be made available to the public within 5 months after the start of the disclosure year and a copy provided to the Commission within 5 working days of being disclosed to the public.

Company Name and Dates

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

The cell C12 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template). The cell C8 entry (company name) is used in the template title blocks.

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

Data Entry Cells and Calculated Cells

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

outside a data entry cell. In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell. Under no circumstances should the formulas in a calculated cell be overwritten

Validation Settings on Data Entry Cells

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

Conditional Formattina Settinas on Data Entry Cells

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

Schedule 9c cell P30 will change colour if P30 (overhead circuit length by terrain) does not equal P18 (overhead Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in

Inserting Additional Rows and Columns

The templates for schedules 4, 5b, 5c, 5d, 5e, 5i, 6a, 8, 9d, and 9e may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar.

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

Schedules 5d and 5e may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from rows 76 and 79 of the respective templates to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 67:74, copy, select Excel row 76, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 70:77, copy, select Excel row

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

Disclosures by Sub-Network

If the supplier has sub-networks, schedules 8, 9a, 9b, 9c, 9e, and 10 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 Electricity Distribution ID Determination 2012 (as issued on 1 October 2012). They provide a common reference between the rows in the determination and the template. Due to page formatting, the row reference sequences contained in the determination schedules are not necessarily contiguous.

Description of Calculation References

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

Worksheet Completion Sequence

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

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

Schedule 2: Report on Return on Investment

The ROI calculations are performed in this template.

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

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

The prior year comparison information in the table 2(i) columns labelled CY-1 and CY-2 should be completed by copying the results from the previous year's disclosure. The CY-1 and CY-2 columns do not need to be completed until the 2013 and 2014 disclosure years respectively.

Schedule 8: Report on Billed Quantities and Line Charge Revenues

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

Company Name	Vector	
For Year Ended	31 March 2013	
7 Or Tear Erraea		

			For Year Ended		31 March 20	13
SC	HEDULE 1: ANALYTICAL RATIOS					
This mus	schedule calculates expenditure, revenue and service ratios from the infi to be interpreted with care. The Commerce Commission will publish a sum rmation disclosed in accordance with this and other schedules, and infor	nmary and analysis of info	rmation disclosed	in accordance with	the ID determination	
sch re	f					
7	1(i): Expenditure metrics					
8		Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB- owned distribution transformers (\$/MVA)
9	Operational expenditure	11,348	177	55,589	5,329	23,707
10	Network	3,831	60	18,765	1,799	8,003
11	Non-network	7,517	118	36,823	3,530	15,704
12						
13	Expenditure on assets	17,686	277	86,635	8,305	36,947
14	Network	16,474	258	80,698	7,736	34,415
15 16	Non-network	1,212	19	5,937	569	2,532
17	1(ii): Revenue metrics	Revenue per GWh	Revenue per			
18		energy delivered to ICPs (\$/GWh)	average no. of ICPs (\$/ICP)			
19	Total consumer line charge revenue	72,499	1,133			
20	Standard consumer line charge revenue	69,693	1,090			
21	Non-standard consumer line charge revenue	2,805	44			
22 23 24	1(iii): Service intensity measures					
25	Demand density	96	Maximum coincid	lent system demand	l per km circuit leng	th (for supply) (kW/km)
26	Volume density	470	Total energy deliv	vered to ICPs per km	circuit length (for	supply) (MWh/km)
27	Connection point density	30	Average number	of ICPs per km circu	it length (for supply	ı) (ICPs/km)
28	Energy intensity	15,635	Total energy deliv	vered to ICPs per Av	erage number of IC	Ps (kWh/ICP)
29						
30						
31	1(iv): Composition of regulatory income	(¢000)	% of revenue			
32	0 11 1 11	(\$000)				
33	Operational expenditure	95,112	15.57%			
34 35	Pass-through and recoverable costs	188,980	30.94%			
36	Total depreciation Total revaluation	84,718	13.87% 3.49%			
36 37		21,339 68,039	11.14%			
38	Regulatory tax allowance	194,714	31.88%			
<i>38</i>	Regulatory profit/loss	610,726	31.88%			
40	Total regulatory income	610,726				
41	1(v): Reliability					

1(v): Reliability

42 43

Interruption rate	

Interruptions per 100 circuit km 12.05

4 1.Analytical Ratios

	Company Name		Vector	
	For Year Ended		31 March 2013	
SC	HEDULE 2: REPORT ON RETURN ON INVESTMENT			
their	schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of r ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If an EDB makes this election,			
	un). s must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes). information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the ass	urance report requi	red by section 2.8.	
sch re			,	
7	2(i): Return on Investment	CY-2	CY-1	Current Year CY
8		31 Mar 11	31 Mar 12	31 Mar 13
9	Post tax WACC	%	% I	%
10 11	ROI—comparable to a post tax WACC		7.34%	6.89%
12	Mid-point estimate of post tax WACC		6.40%	5.85%
13	25th percentile estimate		5.68%	5.13%
14	75th percentile estimate		7.11%	6.56%
15				
16 17	Vanilla WACC			
18	ROI—comparable to a vanilla WACC	I	8.17%	7.67%
19	Not comparable to a variate vivice		0.1770	7.0770
20	Mid-point estimate of vanilla WACC		7.22%	6.62%
21	25th percentile estimate		6.51%	5.91%
22	75th percentile estimate		7.94%	7.34%
23				
24	2(ii): Information Supporting the ROI		(\$000)	
25	-(1)/ 1110-11110-11-0-11-0-11-0-11-0-11-0-11			
26	Total opening RAB value	2,489,280		
27	plus Opening deferred tax	(30,820)		
28	Opening RIV		2,458,460	
29	,			
30	Operating surplus / (deficit)	326,634		
31	less Regulatory tax allowance	68,039		
32 33	less Assets commissioned plus Asset disposals	113,902 3,348		
34	Notional net cash flows	3,346	148,041	
35	Total and the Court House	l l	140,041	
36	Total closing RAB value	2,536,404		
37	less Adjustment resulting from asset allocation	(51)		
38	less Lost and found assets adjustment	-		
39	plus Closing deferred tax	(43,155)		
40	Closing RIV		2,493,300	
41	POL companiels to a consille MACC	ı	7.570	
42 43	ROI—comparable to a vanilla WACC	l	7.67%	
43	Leverage (%)	ı	44%	
45	Cost of debt assumption (%)		6.31%	
46	Corporate tax rate (%)		28%	
47		L.		
48	ROI—comparable to a post tax WACC		6.89%	

Vector Company Name 31 March 2013 For Year Ended

7.74%

6.96%

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs 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 an EDB makes this election, information supporting this calculation must be provided

EDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).
This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch	ref	

2(iii): Information Supporting the Monthly ROI

Cash flows			(\$0	00)		
	Total regulatory income	Expenses	Tax payments	Assets commissioned	Asset disposals	Notional net cash flows
April	48,309	25,667		6,501	357	16,498
May	55,477	23,740		5,340	195	26,592
June	59,692	21,526		14,094	234	24,306
July	64,640	25,119		6,956	211	32,776
August	61,910	24,598		9,682	349	27,979
September	55,732	24,397		8,423	319	23,231
October	51,335	24,559		10,241	275	16,810
November	45,512	24,321	6,804	8,828	569	6,128
December	43,746	24,127		8,741	127	11,005
January	42,123	21,760		5,969	299	14,693
February	40,390	24,110		9,587	137	6,830
March	41,860	20,168	61,235	19,540	276	(58,807)
Total	610,726	284,092	68,039	113,902	3,348	148,041

	Opening / closing RAB	Adjustment resulting from asset allocation	Lost and found assets adjustment	Opening / closing deferred tax	Revenue related working capital	Total
Monthly ROI - opening RIV	2,489,280			(30,820)	43,123	2,501,583
Monthly ROI -closing RIV	2,536,404	(51)	-	(43,155)	41,860	2,535,059
Monthly ROI -closing RIV less term credit spread diffe	rential allowance					2,534,557
Monthly ROI—comparable to a vanilla WACC						7.60%
Monthly ROI—comparable to a post-tax WACC						6.82%

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

Year-end ROI—comparable to a vanilla WACC

Year-end ROI—comparable to a post-tax WACC

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

S2.Return on Investment

Vector Company Name 31 March 2013 For Year Ended **SCHEDULE 3: REPORT ON REGULATORY PROFIT** This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete 3(i), 3(iv) and 3(v) and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). Non-exempt EDBs must also complete sections 3(ii) and 3(iii). 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 3(i): Regulatory Profit (\$000) 8 607,644 9 Line charge revenue 10 plus Gains / (losses) on asset disposals (3,008 11 plus Other regulated income (other than gains / (losses) on asset disposals) 6,090 12 13 610,726 Total regulatory income 14 15 95,112 Operational expenditure 17 less Pass-through and recoverable costs 188,980 18 19 Operating surplus / (deficit) 326,634 20 21 Total depreciation 84,718 22 23 21,339 plus Total revaluation 24 263,255 25 Regulatory profit / (loss) before tax & term credit spread differential allowance 26 27 Term credit spread differential allowance 501 28 29 Regulatory profit / (loss) before tax 262,753 30 68,039 31 less Regulatory tax allowance 32 194,714 33 Regulatory profit / (loss) 34 3(ii): Pass-Through and Recoverable Costs (\$000) 35 36 Pass-through costs 5,091 37 Rates 38 Commerce Act levies 594 Electricity Authority levies 1,482 Other specified pass-through costs 303 40 **Recoverable costs** 41 42 Net recoverable costs allowed under incremental rolling incentive scheme 43 160 479 Non-exempt EDB electricity lines service charge payable to Transpower 44 Transpower new investment contract charges 5,025 45 System operator services 6,090 46 Avoided transmission charge 9.916 47 Input Methodology claw-back 48 Recoverable customised price-quality path costs 188,980 49 Pass-through and recoverable costs

		Company Name	Vector	
		For Year Ended	31 March 2013	
HEDULE 3: REPO	RT ON REGULATORY	Y PROFIT		
anatory comment on their -exempt EDBs must also co	regulatory profit in Schedule 14 omplete sections 3(ii) and 3(iii).	(Mandatory Explanatory Notes).		
f				
3(iii): Increme	ntal Rolling Incentive	e Scheme	(\$0	00)
			CY-1	CY
			31 March 2012	31 March 2013
	·		-	-
Actual contr	ollable opex		-	-
Incremental	cnange in year			-
			Previous years' incremental	Previous years' incremental change adjusted
CV E	21 Mar 09		cnange	for inflation
			_	_
CY-2	31 Mar 11		_	_
CY-1	31 Mar 12		-	-
Net increment	al rolling incentive scheme			-
Net recoverab	le costs allowed under incremer	ntal rolling incentive scheme		-
3(iv): Merger and	d Acquisition Expenditu	ıre		
Merger and	acquisition expenses			-
			ncluding required	
3(v): Other Discl	osures			
• •			-	
	schedule requires informa anatory comment on their exempt EDBs must also co information is part of aud f 3(iii): Increment Allowed com Actual control Incremental CY-5 CY-4 CY-3 CY-2 CY-1 Net increment Net recoverab 3(iv): Merger and Provide com disclosures in 3(v): Other Disclosures in	schedule requires information on the calculation of regula anatory comment on their regulatory profit in Schedule 14-exempt EDBs must also complete sections 3(ii) and 3(iii). information is part of audited disclosure information (as d f 3(iii): Incremental Rolling Incentive Allowed controllable opex Actual controllable opex Actual controllable opex Incremental change in year CY-5 31 Mar 08 CY-4 31 Mar 09 CY-3 31 Mar 10 CY-2 31 Mar 11 CY-1 31 Mar 12 Net incremental rolling incentive scheme Net recoverable costs allowed under incremental controllable costs allowed under incremental costs allowed under increme	HEDULE 3: REPORT ON REGULATORY PROFIT schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete anatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). -exempt EDBs must also complete sections 3(ii) and 3(iii); information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the a fig. (iii): Incremental Rolling Incentive Scheme Allowed controllable opex Actual controllable opex Incremental change in year CY-5 31 Mar 08 CY-4 31 Mar 09 CY-3 31 Mar 10 CY-2 31 Mar 11 CY-1 33 Mar 12 Net incremental rolling incentive scheme Net recoverable costs allowed under incremental rolling incentive scheme 3(iv): Merger and Acquisition Expenditure Merger and acquisition expenses Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, i disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes) 3(v): Other Disclosures	HEDULE 3: REPORT ON REGULATORY PROFIT schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete 3(i), 3(iv) and 3(v) and must anatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). -exempt EDBs must also complete sections 3(ii) and 3(iii). 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 f (so CY-1 Allowed controllable opex Actual controllable opex Incremental change in year Previous years' incremental change CY-5 31 Mar 08 CY-4 31 Mar 09 CY-3 31 Mar 10 CY-2 31 Mar 11 CY-1 31 Mar 12 Net incremental rolling incentive scheme Net recoverable costs allowed under incremental rolling incentive scheme 3(iv): Merger and Acquisition expenses Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes) 3(v): Other Disclosures

8 S3.Regulatory Profit

			Company Name		Vector	
			For Year Ended	3:	March 2013	
This s	HEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD) chedule 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 Sch must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure informed by section 2.8.		ection 1.4 of the ID deter	rmination), and so i	s subject to the assura	ance report
ch ref						
7	4(i): Regulatory Asset Base Value (Rolled Forward)	RAB	RAB	RAB	RAB	RAB
8		CY-4 (\$000)	CY-3 (\$000)	CY-2 (\$000)	CY-1 (\$000)	CY (\$000)
9 10	Total opening RAB value	(\$000)	2,273,866	2,364,452	2,453,324	2,489,280
11	Total opening the total		2,273,000	2,504,452	2,433,324	2,403,200
12	less Total depreciation		80,507	82,989	87,420	84,718
13	alia Talalanahadiraa		46,435	56,914	38,147	21,339
14 15	plus Total revaluations	<u> </u>	40,433	50,914	38,147	21,339
16	plus Assets commissioned		131,577	121,346	102,442	113,902
17			-	-		
18 19	less Asset disposals		6,879	7,255	17,091	3,348
20	plus Lost and found assets adjustment		-	-	-	
21						
22	plus Adjustment resulting from asset allocation		(40)	856	(122)	(51)
23 24	Total closing RAB value		2,364,452	2,453,324	2,489,280	2,536,404
25	Total doung into talke		2,304,432	2,433,324	2,403,200	2,550,404
	Afii), Unalla sate d Danulatoria Assat Pasa					
26 27	4(ii): Unallocated Regulatory Asset Base		Unallocated	DAR *	RAB	
28			(\$000)	(\$000)	(\$000)	(\$000)
29	Total opening RAB value			2,499,696		2,489,280
30 31	less Total depreciation			88,808	_	84,718
32	plus		<u> </u>	66,606	<u> </u>	64,/16
33	Total revaluations			21,418		21,339
34	plus			_		
35 36	Assets commissioned (other than below) Assets acquired from a regulated supplier		117,497	-	113,902	
37	Assets acquired from a related party					
38	Assets commissioned			117,497		113,902
39	less			_		
40 41	Asset disposals (other than below) Asset disposals to a regulated supplier		3,349	-	3,348	
42	Asset disposals to a related party					
43	Asset disposals			3,349		3,348
44					_	
45 46	plus Lost and found assets adjustment				_	
47	plus Adjustment resulting from asset allocation					(51)
48			_			
49	Total closing RAB value		L	2,546,454	<u> </u>	2,536,404
	* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide electricity distribution services without any allowance being made, assets after applying this cost allocation. Neither value includes works under construction.	for the allocation of co	sts to non-regulated serv	vices. The RAB valu	e represents the value	of these
50	assets after applying this cost anocation. Neither value includes works under construction.					
58	4(iii): Calculation of Revaluation Rate and Revaluation of Assets					
59						
60	CPI ₄					1,174
61	CPI ₄ ⁴					1,164 0.86%
62 63	Revaluation rate (%)				L	0.86%
64			Unallocated	RAB *	RAB	
65			(\$000)	(\$000)	(\$000)	(\$000)
66	Total opening RAB value of fully depreciated, disposed and lost assets		2,499,696		2,489,280	
67 68	less Opening RAB value of fully depreciated, disposed and lost assets		6,632	L	5,460	
69	Total opening RAB value subject to revaluation		2,493,064		2,483,820	
70	Total revaluations			21,418		21,339
71						
72	4(iv): Roll Forward of Works Under Construction					
			Unallocated wo	rks under		
73			construct	ion /	llocated works unde	r construction
74	Works under construction—preceding disclosure year			46,188		46,058
75 76	plus Capital expenditure less Assets commissioned		130,964 117,497		126,902 113,902	
77	less Assets commissioned plus Adjustment resulting from asset allocation		117,497	-	113,902	
78	Works under construction - current disclosure year			59,655		59,072
79						
80	Highest rate of capitalised finance applied				L	6.56%

									Company Name		Vector	
SCI	IEDIII E 4	: REPORT ON VALUE OF THE RE	GUI ATORV A	SSFT RASE (ROLLED FOR	WARD)			For Year Ended		31 March 2013	
This s	chedule requir	res information on the calculation of the Regulatory explanatory comment on the value of their RAB in S	Asset Base (RAB) va	lue to the end of th	is disclosure year. T	his informs the ROI			tion 1.4 of the ID de	etermination), and so	o is subject to the as	ssurance report
sch ref												
88	4(v): Re	gulatory Depreciation										
89									Unallocat		RA	
90		Burney Commence of the American							(\$000)	(\$000)	(\$000)	(\$000)
91 92		Depreciation - standard Depreciation - no standard life assets							75,102 13,706		75,102 9.616	
93		Depreciation - modified life assets							13,700		5,010	
94		Depreciation - alternative depreciation in accorda	nce with CPP									
95 96	т	Total depreciation								88,808		84,718
97	4(vi): Di	sclosure of Changes to Depreciation	Profiles						(\$000 ເ	unless otherwise spe	ecified)	
										Depreciation charge for the	Closing RAB value under 'non- standard'	Closing RAB value under 'standard'
98 99		Asset or assets with changes to depreciation*			1		Reason for non	-standard deprecia	ion (text entry)	period (RAB)	depreciation	depreciation
100												
101												
102												
103												
104												
105												
106		* include additional rows if needed										
107	4(vii): D	isclosure by Asset Category										
108							(¢000lass ath	erwise specified)				
108							(3000 unless our	Distribution				
			Subtransmission			Distribution and	Distribution and	substations and	Distribution	Other network	Non-network	
109	_		lines	cables	Zone substations	LV lines	LV cables	transformers	switchgear	assets	assets	Total
110 111		Total opening RAB value Total depreciation										
112		Total revaluations										
113	plus	Assets commissioned										-
114	less	Asset disposals										-
115	plus	Lost and found assets adjustment										-
116	plus	Adjustment resulting from asset allocation										-
117		Asset category transfers	22.75	444	202	204	720	240	426	424	20	2.526.45
118 119	Т	Total closing RAB value	83,671	411,331	202,404	264,808	728,362	248,515	136,838	431,637	28,838	2,536,404
120	٥	Asset Life										
121	,	Weighted average remaining asset life	48.3	49.7	35.4	40.7	37.7	37.2	28.2	31.9	11.7	(years)
122		Weighted average expected total asset life	59.1	69.1	44.7	57.9	60.8	45.0	38.8	41.7	17.2	(years)

			Company Name	Vector	
			For Year Ended	31 March 2013	
CH	IEDULE 5	a: REPORT ON REGULATORY TAX ALLOWANCE			
ofit s ir). EDBs must	res information on the calculation of the regulatory tax allowance. This information or the calculation of the information disclosed in this schedule part of audited disclosure information (as defined in section 1.4 of the ID deter	e, in Schedule 14 (Mandatory Expla	natory Notes).	
ef	Ea/il: P	egulatory Tax Allowance		(\$000)	
		Regulatory profit / (loss) before tax			2,75
	'	Regulatory profit / (1055) before tax		20	12,73
ı	plus	Income not included in regulatory profit / (loss) before tax but taxable		8,852 *	
		Expenditure or loss in regulatory profit / (loss) before tax but not deductible		196 *	
		Amortisation of initial differences in asset values		35,370	
		Amortisation of revaluations		4,598	9,01
					,,,,,,
	less	Income included in regulatory profit / (loss) before tax but not taxable		14 *	
		Discretionary discounts and consumer rebates		<u> </u>	
		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	**	CO 750	
		Notional deductible interest		68,758	8,77
					,0,77
		Regulatory taxable income		24	2,99
		Heller day leave			
	less	Utilised tax losses Regulatory net taxable income		24	12,99
		regulatory net taxable medine		2.4	2,55
		Corporate tax rate (%)		0.28	
	1	Regulatory tax allowance		6	8,03
	* \Morki	ngs to be provided in Schedule 14			
		ing discretionary discounts and consumer rebates			
	5a(ii): D	isclosure of Permanent Differences			
		In Schedule 14, Box 5, provide descriptions and workings of items recorded i	n the asterisked categories in Sche	edule 5a(i).	
	5a(iii): /	Amortisation of Initial Difference in Asset Values		(\$000)	
		Opening unamortised initial differences in asset values		1,298,795	
		Amortisation of initial differences in asset values		35,370	
		Adjustment for unamortised initial differences in assets acquired		-	
		Adjustment for unamortised initial differences in assets disposed		115	2.525
		Closing unamortised initial differences in asset values		1,263	3,535
		Opening weighted average remaining asset life (years)			37
	5a(iv): A	Amortisation of Revaluations		(\$000)	
		Opening Sum of RAB values without revaluations		2,347,029	
		Adjusted depreciation		80,120	
		Total depreciation		84,718	
		Amortisation of revaluations			4,598
	5a(v): R	econciliation of Tax Losses		(\$000)	
		Opening tax losses			
)	plus	Current period tax losses		-	
	less	Utilised tax losses		-	
2		Closing tax losses			

Company Name Vector 31 March 2013 For Year Ended **SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE** This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. sch ref 5a(vi): Calculation of Deferred Tax Balance (\$000) 63 64 (30,820) 65 Opening deferred tax 66 22,434 67 Tax effect of adjusted depreciation 68 Tax effect of total tax depreciation 23,879 70 (1,166) 71 Tax effect of other temporary differences* plus 72 73 Tax effect of amortisation of initial differences in asset values 9,904 less 74 75 plus Deferred tax balance relating to assets acquired in the disclosure year 76 77 Deferred tax balance relating to assets disposed in the disclosure year 46 less 78 226 79 Deferred tax cost allocation adjustment 80 (43,155) 81 Closing deferred tax 82 5a(vii): Disclosure of Temporary Differences 83 In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences). 85 5a(viii): Regulatory Tax Asset Base Roll-Forward 86 (\$000) 87 88 Opening sum of regulatory tax asset values 939,978 89 less Tax depreciation 85,282 90 Regulatory tax asset value of assets commissioned 91 less Regulatory tax asset value of asset disposals 3,510 92 plus Lost and found assets adjustment 378 93 Other adjustments to the RAB tax value 94 Closing sum of regulatory tax asset values 966,964

				Company Name	Vector	
				For Year Ended	31 March 2013	
				roi real Lildea	31 ((((((((((((((((((((((((((((((((((((
SC	HEDULE 5	b: REPORT ON RELATED PARTY TRANSACTION	S			
		des information on the valuation of related party transactions, in accordance				
This	information is I	part of audited disclosure information (as defined in section 1.4 of the ID def	termination), and so is subject to	the assurance report required by sect	ion 2.8.	
ch re	f					
7	5b(i): Sur	nmary—Related Party Transactions		(\$000)		
8		Total regulatory income			-	
9		Operational expenditure			10,412	
10		Capital expenditure			_	
11		Market value of asset disposals				
12		Other related party transactions				
12		Other related party transactions				
12	Eh/ii\· En	tities Involved in Related Party Transactions				
13	SD(II). EII	titles involved in Related Party Transactions				
14		Name of related party		R	elated party relationship	
15		Vector Communications Limited]	A wholly owned subsidiary of Vector L	imited.	
16		Tree Scape Limited		An associate in which Vector Limited h		
17						
18			-			
19			1			
	L	* to dead and determined account to a soul and	1			
20		* include additional rows if needed				
	ΓЬ/:::\. D.	lated Darty Transactions				
21	SD(III). NE	elated Party Transactions				
					Value of	
			Related party transaction		transaction	
22		Name of related party	type	Description of transaction	(\$000)	Basis for determining value
						Clause 2.3.6 (1) (c) (i)- as
						more than 50% of Vector
						Communication Limited's
						sales are to third parties
						who may purchase the same
						or similar services or goods
						on substantially the same terms and conditions
						including price as Vector
23		Vector Communications Limited	Opex	Purchase of telecommunications servi	ces 6.223	Limited.
						Clause 2.3.6 (1) (d) - as price
						paid by Vector to Treescape
						is less than 1% of Vector's
						total revenue from
						electricity distribution
						services and the total price
						paid for all related party
						transactions by Vector is less
						than 5% of Vector's total
						revenue from electricity
24		Tree Scape Limited	Opex	Purchase of vegetation management s	ervices 4,189	distribution services.
		* include additional rows if needed				

13 S5b.Related Party Transactions

Book value at date

Company Name	Vector
For Year Ended	31 March 2013

Cost of executing

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.

ch ref

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

11

			Original tenor (in		Book value at	of financial	Term Credit	an interest rate	Debt issue cost
Issuing party	Issue date	Pricing date	years)	Coupon rate (%)	issue date (NZD)		Spread Difference	swap	readjustment
Senior bonds – fixed coupon	issue date	27-May-09	5.4	7.8	150,000	155,935	[]VCI	[]VCI	[]VCI
Capital bonds – fixed coupon		14-Jun-12	5.0	7	262,651	262,076		[]VCI	[]VCI
.,						. ,	G ·		G .
Floating rate notes		4-Apr-07	10	BKBM+ []VCI	200,000		[]VCI	[]VCI	[]VCI
··· • • ···									G .
		26-Oct-05	10	BKBM + []VCI	250,000		[]VCI	[]VCI	[]VCI
							0		0
		26-Oct-05	12	BKBM + []VCI	400,000		[]VCI	[]VCI	[]VCI
					,		0		0
		26-Oct-05	15	BKBM + []VCI	350,000		[]VCI	[]VCI	[]VCI
		20 001 00		DRDM 1 () VOI	550,000		[]***	[]*0.	[] 40.
Subtotal of floating rate notes					1,200,000	1,150,712			
Subtotal of floating rate flotes		1	+		1,200,000	1,150,712			
Medium term notes - GBP fixed rate		8-Apr-08	10.8	7.625	285,614	222,050	[]VCI	[]VCI	[]VCI
mediani terminotes – obritised rate		0-Api-00	10.0	7.025	203,014	222,030	[]461	[]*CI	[]VCI
Senior notes - USD fixed rate		19-Jul-04	8	5.04	22,817		[]VCI	[]VCI	[]VCI
Senior notes - USD fixed rate		19-Jul-04	12	5.51	98,875		[]vci	[]vci	[]vci
Senior notes - USD fixed rate		19-Jul-04	15	5.75	296,623		[]vci	[]vci	[]vci
Senior notes - USD fixed rate		22-Sep-10	12	[]VCI	250,516		[]vci	[]vci	[]VCI
		22-3ep-10	12	[]VCI	668,831	665,265	[]VCI	[]VCI	[]VCI
Subtotal of senior notes - USD fixed rate					666,631	665,265			
			_						
Bank loans		3-Feb-12	3	BKBM + []VCI					
		3-Feb-12	3	BKBM + []VCI					
		29-Jul-10	3	BKBM + []VCI					
Subtotal of bank loans						(299)			
Working capital loans		17-Dec-10	3	BKBM + []VCI					
		17-Dec-10	3	BKBM + []VCI					
Subtotal of working capital loan						(328)			
Total									
* include additional rows if needed					•	2,455,411	[]VCI	[]VCI	[]VCI

13 14 15 16 * include additional rows if needed 17 18 * Sc(ii): Attribution of Term Credit Spread Differential 19 20 Gross term credit spread differential

Total book value of interest bearing debt
Leverage 44%
Average opening and closing RAB values 2,512,842
Attribution Rate (%) 45%

Term credit spread differential allowance 501

				Company Name For Year Ended		Vector 31 March 2013	
This	SCHEDULE 5d: REPORT ON COST ALLOCATIONS This chedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.						
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,			
sch re 7	5d(i): Operating Cost Allocations						
8				V: Electricity	alue allocated (\$000 Non-electricity	s)	
9			Arm's length deduction	distribution services	distribution services	Total	OVABAA allocation increase (\$000s)
10	Service interruptions and emergencies		deduction	services	services	iotai	increase (5000s)
11	Directly attributable			7,924			
12 13	Not directly attributable Total attributable to regulated service			7,924	-	-	
14	Vegetation management						
15 16	Directly attributable Not directly attributable			-	-	_	
17	Total attributable to regulated service			-			
18	Routine and corrective maintenance and	inspection		14,344	İ		
19 20	Directly attributable Not directly attributable			14,344	-	-	-
21	Total attributable to regulated service			14,344			<u> </u>
22 23	Asset replacement and renewal Directly attributable			9,839			
24	Not directly attributable			-	-	-	-
25	Total attributable to regulated service			9,839			
26 27	System operations and network support Directly attributable			33,120			
28	Not directly attributable			3,098	1,325	4,423	-
29 30	Total attributable to regulated service Business support			36,218			
31	Directly attributable			425			
32	Not directly attributable			26,362	19,790	46,152	-
33 34	Total attributable to regulated service			26,787			
35 36	Operating costs directly attributable Operating costs not directly attributable			65,652 29,460	21,115	50,575	
37	Operating expenditure			95,112	21,113	30,373	
45	5d(ii): Other Cost Allocations						
46	Pass through and recoverable costs						
47	Pass through costs						
48	Directly attributable			7,470			
49 50	Not directly attributable Total attributable to regulated service			7,470			
51	Recoverable costs						
52	Directly attributable			181,510			
53 54	Not directly attributable Total attributable to regulated service			181,510			
55					'		
56	5d(iii): Changes in Cost Allocations* †				(\$0	00)	
57 58	Channelin and allocation 1				CY-1	Current Year (CY) 31 Mar 13	
59	Change in cost allocation 1 Cost category			Original allocation	31 Mar 12	31 Wai 13	
60 61	Original allocator or line items New allocator or line items		-	New allocation Difference	-	-	
62	New anotator of fine items		1	Dillerence			
63	Rationale for change						
64 65					CY-1	Current Year (CY)	
66	Change in cost allocation 2		7		31 Mar 12	31 Mar 13	
67 68	Cost category Original allocator or line items		-	Original allocation New allocation			
69	New allocator or line items]	Difference	-	-	
70 71	Rationale for change						
72						0	
73 74	Change in cost allocation 3				CY-1 31 Mar 12	Current Year (CY) 31 Mar 13	
75	Cost category			Original allocation			
76 77	Original allocator or line items New allocator or line items		-	New allocation Difference	-	_	
78							
79 80	Rationale for change						
81							
82	* a change in cost allocation must be completed for each of the include additional rows if needed	ost allocator change that has occurred in the disclo	sure year. A movement in an allocator meti	ic is not a change in a	llocator or compone	nt.	

15 S5d.Cost Allocations

			Company Name	Vector
	HERME F REPORT ON ACCET ALLOCA	TIONS	For Year Ended	31 March 2013
	HEDULE 5e: REPORT ON ASSET ALLOCA schedule requires information on the allocation of asset values		value in Schedule 4.	
	s must provide explanatory comment on their cost allocation ir lefined in section 1.4 of the ID determination), and so is subject		ng on the impact of any changes in asset allocations.	This information is part of audited disclosure information
sch re	f			
7	5e(i):Regulated Service Asset Values			
8			Value allocated (\$000s)	
9			Electricity distribution	
10	Subtransmission lines		services	
11	Directly attributable		83,671	
12 13	Not directly attributable Total attributable to regulated service		83,671	
14	Subtransmission cables			
15 16	Directly attributable Not directly attributable		411,331	
17	Total attributable to regulated service		411,331	
18 19	Zone substations Directly attributable		202,404	
20	Not directly attributable		_	
21 22	Total attributable to regulated service Distribution and LV lines		202,404	
23	Directly attributable		264,808	
24 25	Not directly attributable Total attributable to regulated service		264,808	
26	Distribution and LV cables		204,000	
27	Directly attributable		728,362	
28 29	Not directly attributable Total attributable to regulated service		728,362	
30	Distribution substations and transformers			
31 32	Directly attributable Not directly attributable		248,515	
33	Total attributable to regulated service		248,515	
34 35	Distribution switchgear Directly attributable		136,838	
36	Not directly attributable		_	
37 38	Total attributable to regulated service Other network assets		136,838	
39	Directly attributable		431,637	
40	Not directly attributable		431,637	
41 42	Total attributable to regulated service Non-network assets		431,037	
43	Directly attributable		10,759	
44 45	Not directly attributable Total attributable to regulated service		18,079 28,838	
46 47			2,518.325	
48	Regulated service asset value directly attributable Regulated service asset value not directly attribut		18,079	
49	Total closing RAB value		2,536,404	
	- ('') ol			44
57 58	5e(ii): Changes in Asset Allocations* †			(\$000) CY-1 Current Year (CY)
59				31 Mar 12 31 Mar 13
60 61	Change in asset value allocation 1 Asset category	J	Original allocation	-
62 63	Original allocator or line items New allocator or line items	-	New allocation	
64	New allocator or line items		Difference	
65	Rationale for change			
66 67				CY-1 Current Year (CY)
68 69	Change in asset value allocation 2 Asset category		Original allocation	31 Mar 12 31 Mar 13
70	Original allocator or line items		New allocation	
71 72	New allocator or line items		Difference	
73	Rationale for change			
74 75				
76				CY-1 Current Year (CY)
77 78	Change in asset value allocation 3 Asset category		Original allocation	31 Mar 12 31 Mar 13
79	Original allocator or line items		New allocation	
80 81	New allocator or line items		Difference	-1 -1
82	Rationale for change			
83 84				
85	* a change in asset allocation must be completed for each	allocator or component change that has occurred in th	e disclosure year. A movement in an allocator metri	c is not a change in allocator or component.
	† include additional rows if needed			

S5e.Asset Allocations

Company Name Vector For Year Ended 31 March 2013 SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION This schedule requires information on:
• the calculation of the initial RAB value for the EDB, as of 31 March 2009; • how the initial RAB value has been rolled forward to 31 March 2011 2012; · a summary of revaluations. the value of works under construction, and • regulatory tax.

EDBs must complete this schedule in relation to the year ending 31 March 2012, and at that time must provide explanatory comment in Schedule 14b (Explanatory Notes on Transitional Financial Information) on the tax effect of temporary differences disclosed in part 5h(vii) of this schedule.

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. **Regulatory Asset Base Value** 5h(i): Establishment of Initial Regulatory Asset Base Value Unallocated Initial RAB 9 10 (\$000) (\$000) 11 2009 disclosed assets - 'Total Regulatory Asset Base Value (Excluding FDC)' as of 31 March 2009 2,067,750 12 2009 modified asset values (adjusted for results of asset adjustment process) 13 2,209,552 14 Adjustment to reinstate 2009 modified asset values to unallocated amounts 23,000 15 Unallocated 2009 modified asset values 2,232,558 16 17 (to the extent included in row 13) 18 Assets not used to supply electricity distribution services 19 Easement land 20 Non-qualifying intangible assets 21 Works under construction 22 Unallocated asset values excluded from unallocated 2009 modified asset values 23 24 FDC allowance of 2.45% (Network assets) 53,794 25 26 **Unallocated initial RAB values** 2,286,352 27 28 5h(ii): Roll forward of Unallocated Regulatory Asset Base Value - 2010, 2011 and 2012 29 2011 2012 (\$000) (\$000) (\$000) (\$000) 30 31 **Total opening RAB value** 2,462,780 2,286,352 32 less 33 Total depreciation 85,660 87,555 92,153 34 plus 35 57,111 46,609 **Total revaluations** 36 plus 37 125,463 107,890 Assets commissioned (other than below) 134,609 38 Assets acquired from a regulated supplier 39 Assets acquired from a related party 134,609 125,461 107,890 40 Assets commissioned 41 42 Asset disposals (other than below) 7,268 5,651 6,879 43 Assets disposed of to a regulated supplier 11,43 Assets disposed of to a related party 44 45 Asset disposals 17,090 6,879 7,268 46 47 Lost and found assets adjustment 48 49 Total closing RAB value 2,375,031 2,462,780 50 (\$000 unless otherwise specified) 5h(iii): Calculation of Revaluation Rate and Indexed Revaluation 59 60 CPI at CPI reference date—preceding disclosure year 61 CPI at CPI reference date—current disclosure year 62 63 Revaluation rate (%) 2.05% 2.42% 64 65 66 Total opening RAB value 2,286,352 2,375,031 2,462,780 67 Opening RAB value of fully depreciated, disposed and lost assets 12 686 13 745 26 494 68

2 273 666

2 361 286

2 436 286

38.266

69

Total opening RAB value subject to revaluation

Total revaluations

Vector Company Name For Year Ended 31 March 2013 SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION This schedule requires information on:
• the calculation of the initial RAB value for the EDB, as of 31 March 2009; • how the initial RAB value has been rolled forward to 31 March 2011 2012; · a summary of revaluations. the value of works under construction, and • regulatory tax. EDBs must complete this schedule in relation to the year ending 31 March 2012, and at that time must provide explanatory comment in Schedule 14b (Explanatory Notes on Transitional Financial Information) on the tax effect of temporary differences disclosed in part 5h(vii) of this schedule. 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. 5h(iv): Works Under Construction 72 Unallocated works under Allocated works under construction construction 74 Works under construction—year ended 2009 71.831 71,495 75 plus Capital expenditure—year ended 2010 102.862 99,182 76 less Assets commissioned—year ended 2010 134 609 131 577 77 plus Adjustment resulting from asset allocation—year ended 2010 40.084 39.001 78 Works under construction—year ended 2010 79 plus Capital expenditure—year ended 2011 132.59 128,130 80 less Assets commissioned—year ended 2011 121.346 plus 81 Adjustment resulting from asset allocation—year ended 2011 (456 47,218 45,329 82 Works under construction—year ended 2011 83 plus Capital expenditure—year ended 2012 106.860 102.97 84 less Assets commissioned—year ended 2012 107.890 102,442 85 Adjustment resulting from asset allocation—year ended 2012 plus 46,188 46,058 86 Works under construction—year ended 2012 87 (\$000) 5h(v): Initial Difference in Asset Values and Amortisation 89 2010 Sum of initial RAB values 2,273,866 90 91 Sum of regulatory tax asset values 847,254 92 Sum of initial differences in asset values 1,426,612 93 2010 2011 2012 95 Opening unamortised initial differences in asset values 1,426,612 1,387,248 1,347,910 35,653 96 Amortisation of initial difference in asset values 35,800 35,640 97 Adjustment for unamortised initial differences in assets acquired Adjustment for unamortised initial differences in assets disposed (13,47 99 Closing unamortised initial differences in asset values 1,298,795 1,387,248 1,347,91 100 101 Opening weighted average remaining asset life (years) weighted average remaining useful life of relevant assets (years) 40 5h(vi): Reconciliation of Tax Losses (EDB Business) 2010 100 2011 2012 110 Opening tax losses Current period tax losses 112 Utilised tax losses Closing tax losses 114 5h(vii): Calculation of Deferred Tax Balance 2010 2012 2011 115 116 Opening deferred tax (8,395) (20,623) 117 118 Tax effect of adjusted depreciation 24 152 24.367 23,443 119 120 Tax effect of total tax depreciation - [PER ISSUES REGISTER #253 - ENTER AS A NEGATIVE NUMBER] (24,817) (26,198) (24,452) 121 Vector: manually corrected the 122 Tax effect of other temporary differences * 123 formula for 2010 and 124 less Tax effect of amortisation of initial differences in asset values 2011 based on Issue 10.740 10.696 9,979 125 column linked incorrect). 126 Deferred tax balance relating to assets acquired / [disposed] in the disclosure year 1,906 1,093 570 127 128 Deferred tax cost allocation adjustment 93 (222) 106 Vector: Error corrected in 129 formula for 2011 and 130 Closing deferred tax (8.395) (20,623) (30,820) 2012 not picking up 5h(viii): Disclosure of Temporary Differences 131 opening balance. In Schedule 14, provide descriptions and workings of items recorded in the asterisked category in Schedule 5h(vii) (Tax effect of other temporary differences). 132 (\$000) 5h(ix): Regulatory Tax Asset Base Roll-Forward 2010 2011 2012 133 Sum of unallocated initial RAB values 134 2,286,352 135 Sum of adjusted tax values Sum of tax asset values 858,75 137 Result of asset allocation ratio 138 Opening Sum of regulatory tax asset values 847,25 900,95 937,034 139 less Regulatory tax depreciation 82,724 87,327 87,32 Regulatory tax asset value of assets commissioned 140 139,742 126,66 94,63 plus 141 Regulatory tax asset value of asset disposals 142 Lost and found assets adjustment 143 Other adjustments to the RAB tax value Closing sum of regulatory tax asset values 900,95 937,034 939.97

				Company Name		Vector	
				For Year Ended		31 March 201	2
CHE	EDITIE E: DEDORT ON INITIAL DAD ADHICTMENT			For Year Ended		31 Warth 201	,
	EDULE 5i: REPORT ON INITIAL RAB ADJUSTMENT						
	clause 2.2.1 of the IM determination an EDB may undertake an asset adjustment process in setting their initial RAB. DB has adjusted its RAB in accordance with clause 2.2.1 of the IM determination, it must complete this schedule when disclosing inf	formation relating to the	ear ending 31 M	larch 2012.			
h ref							
		,					
7	Summary of Engineer's Valuation Adjustments (at time asset enters regulatory asset register)	er)					
8		2004 *	2005	2006	2007	2008	2009
9	Asset adjustment process - adjustments	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
10 11	Include load control relays						
12	Correct asset register errors for 2004 ODV assets						
13	Adjustment to correct road classifications of LV cables - Impact on traffic multiplier	1,793					
	Adjustment to correct road classifications of LV cables - Impact on business district multiplier Adjustment to correct remaining life calculation	2,843 1,314					
14	Intangible assets (excluding goodwill)	7,174					
15	Intangible assets disallowed	(1,023)					
16		12,101					
17 18 19	Correct asset register errors for 2005 – 2009 assets				-		
20				-	-		
21		_					
	Do combine an existing modelinicante 2004 ODV essets						
22	Re-apply an existing multiplier to 2004 ODV assets Adjustment to rocky ground multiplier for cables	24,742					
24	Adjustment to rocky ground multiplier for capies	24,742					
25							
26		24,742					
27	Re-apply a modified multiplier to 2004 ODV assets						
28	Adjustment to business district multiplier for cables	80,665					
29							
30 31		80,665					
,,		80,003					
32	Re-apply optimisation or EV tests to 2004 ODV assets						
33							
34							
35							
36		-					
37	Total value of adjustments by displacing year	117.500					
38	Total value of adjustments by disclosure year	117,508		1	-		
39	* Includes assets which first entered the regulatory asset register in a disclosure year prior to 2004.						

19 S5i.Initial RAB Adjustment

		Company Name For Year Ended	Vector 31 March 2013
CHEDU	LE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISC		51 March 2015
	requires a breakdown of capital expenditure on assets incurred in the disclosure year, include		hich capital contributions are received, but
	ets that are vested assets. Information on expenditure on assets must be provided on an acc ovide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Note		st exclude finance costs.
	ion is part of audited disclosure information (as defined in section 1.4 of the ID determinatio		urance report required by section 2.8.
ref			
•): Expenditure on Assets		(\$000) (\$000)
8 9	Consumer connection System growth		20,531
0	Asset replacement and renewal		58,383
1	Asset relocations		18,185
2	Reliability, safety and environment:		
3 4	Quality of supply Legislative and regulatory		364
5	Other reliability, safety and environment		-
16	Total reliability, safety and environment		364
17	Expenditure on network assets		138,074
!8 !9	Non-network assets		10,158
20	Expenditure on assets		148,232
21 plu			2,559
les.			23,889
23 plu. 24	s Value of vested assets		
25	Capital expenditure		126,902
C-1:	i). Subsempenents of Everanditure on Assets (where because)		(\$000)
26 6a(i	i): Subcomponents of Expenditure on Assets (where known) Energy efficiency and demand side management, reduction of energy losses		(\$000)
28	Overhead to underground conversion		11,618
29	Research and development		
60/1	ii): Consumer Connection		
80 6a(i 81	Consumer types defined by EDB*		(\$000) (\$000)
12			,
13			
34			
35 36			
37	* include additional rows if needed		
88 89	Consumer connection expenditure		
10 les	s Capital contributions funding consumer connection expenditure		
11	Consumer connection less capital contributions		
12 6a(i	v): System Growth and Asset Replacement and Renewal		Asset Replacement and
13	•		System Growth Renewal
14 15	Subtransmission		(\$000) (\$000)
16	Zone substations		
17	Distribution and LV lines		
18	Distribution and LV cables		
19 50	Distribution substations and transformers Distribution switchgear		
51	Other network assets		
52	System growth and asset replacement and renewal expenditure		-
53 les.			
54 55	System growth and asset replacement and renewal less capital contributions		-1
	r): Asset Relocations		(4000)
8	Project or programme*		(\$000) (\$000)
9			
50			
1			
52 53	* include additional rows if needed		
54	All other asset relocations projects or programmes		
55	Asset relocations expenditure		
66 les			
57	Asset relocations less capital contributions		
75 6a(v	ri): Quality of Supply		
6	Project or programme*		(\$000) (\$000)
77			

		Company Name	Vector
			31 March 2013
	HERMAN C. DEPORT ON CARITAL EVERNING FOR THE	For Year Ended	31 Walti 2013
	HEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE		
	schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year		
	uding assets that are vested assets. Information on expenditure on assets must be provided or s must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanat		ust exclude finance costs.
	information is part of audited disclosure information (as defined in section 1.4 of the ID deter		ssurance report required by section 2.8.
		"	
sch re	f		
79			
80			
81			
82	* include additional rows if needed		
83	All other quality of supply projects or programmes		
84	Quality of supply expenditure		
85	less Capital contributions funding quality of supply		
86	Quality of supply less capital contributions		-
87	6a(vii): Legislative and Regulatory		
88	Project or programme*		(\$000) (\$000)
89			
90			
91			
92			
93			
94	* include additional rows if needed		
95	All other legislative and regulatory projects or programmes		
96	Legislative and regulatory expenditure		
97	less Capital contributions funding legislative and regulatory		
98	Legislative and regulatory less capital contributions		-
99	6a(viii): Other Reliability, Safety and Environment		
100	Project or programme*		(\$000) (\$000)
101			
102			
103			
104			
105			
106	* include additional rows if needed		
107	All other reliability, safety and environment projects or programmes		
108	Other reliability, safety and environment expenditure		
109	less Capital contributions funding other reliability, safety and environment		
110	Other reliability, safety and environment less capital contributions		
111			
112	6a(ix): Non-Network Assets		
112			
113 114	Routine expenditure Project or programme*		(\$000) (\$000)
115	Project of programme		(3000)
116			
117			
118			
119			
120	* include additional rows if needed		
121	All other routine expenditure projects or programmes		
122	Routine expenditure		
123	Atypical expenditure		
124	Project or programme*		(\$000) (\$000)
125			
126			
127			
128			
129			
130	* include additional rows if needed		
131	All other atypical expenditure projects or programmes		
132	Atypical expenditure		-
133			
134	Non-network assets expenditure		-

	Company Name	Vect	or		
For Year Ended 31 March 2013					
S	CHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR				
ED ex	is schedule requires a breakdown of operating expenditure incurred in the disclosure year. Bs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory copenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance is 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 recommendation.		al operating		
ch i	ref				
7	6b(i): Operational Expenditure	(\$000)	(\$000)		
8	Service interruptions and emergencies	7,924			
9	Vegetation management	-			
0	Routine and corrective maintenance and inspection	14,344			
1	Asset replacement and renewal	9,839			
2	Network opex		32,107		
3	System operations and network support	36,218			
.4	Business support	26,787	50.00		
15	Non-network opex	L	63,005		
16 17	Operational expenditure		95,112		
18	6b(ii): Subcomponents of Operational Expenditure (where known)	_			
9	Energy efficiency and demand side management, reduction of energy losses				
0	Direct billing*				
21	Research and development				
2	Insurance				
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers				

Vector Company Name For Year Ended 31 March 2013 SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

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

EDBs 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
SC	n	re	-7

sch	ref			
7	7(i): Revenue	Target (\$000) ¹	Actual (\$000)	% variance
8	Line charge revenue	-	607,644	-
9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection		20,531	-
11	System growth		40,611	-
12	Asset replacement and renewal		58,383	-
13	Asset relocations		18,185	-
14	Reliability, safety and environment:			
15	Quality of supply		364	-
16	Legislative and regulatory		-	-
17	Other reliability, safety and environment		-	-
18	Total reliability, safety and environment	-	364	-
19	Expenditure on network assets	179,100	138,074	(23%)
20	Non-network capex		10,158	-
21	Expenditure on assets		148,232	-
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies		7,924	-
24	Vegetation management		-	-
25	Routine and corrective maintenance and inspection		14,344	-
26	Asset replacement and renewal		9,839	-
27	Network opex	44,200	32,107	(27%)

28

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38 39

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42 43

44

System operations and network support **Business support**

Non-network opex

Operational expenditure

	7,924	-
	-	-
	14,344	-
	9,839	-
44,200	32,107	(27%)
	36,218	-
	26,787	-
-	63,005	-
	95,112	-
	33)111	

7(iv): Subcomponents of Expenditure on Assets (where known)

Energy efficiency and demand side management, reduction of energy losses Overhead to underground conversion

Research and development

ĺ		-	-
	13,200	11,618	(12%)
		-	-

7(v): Subcomponents of Operational Expenditure (where known)

Energy efficiency and demand side management, reduction of energy losses Direct billing

Research and development

Insurance

-	-
-	-
-	-
-	-

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

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

23 S7.Actual vs Forecast

								Network / Sub-	For Year Ended Network Name		31 March 2013 Vector
8: REPORT ON BILLED Quires the billed quantities and associate			nits pricing schedules. Informat	ion is also required on the n	mber of ICPs that are included in each consumer group or price category code, a	nd the energy delivere	ed to these ICPs.				
): Billed Quantities by Price (Component										
						Billed quantities by	price component				
Consumer group name or price		Standard or non-standard		Energy delivered to ICPs	Price compone Unit charging basis (eg, days, kW of demand		Variable kWh	Capacity kVA/day	Demand kVA/day	Excess demand kVA/day	Power Factor kVAr/day
category code	residential, commercial etc.)	consumer group (specify)	disclosure year	in disclosure year (MWh)	kVA of capacity, etc.)	Suy	XXIII	RVYYddy	xv, y day	xv, y day	KV/U/GGY
A100 A102	Residential Residential	Standard Standard	56,268 224,433	328,463 1,624,502		20,496,859 81,378,758	328,463,044 1,624,501,892	-	-	-	
ARCH	Residential	Standard	-	-			-	-		-	
ARUH ABSN	Residential Business	Standard Standard	37,460	770,483		12,750,465	770,483,500	-	-	-	
ABSU	Business	Standard	1,946	34,640		21,664,573	34,639,859	-	-	-	
ALVC ALVH	Low Voltage Low Voltage	Standard Standard	428 1,520	56,144 577,906			56,144,449 577,906,341	33,461,560 136,684,516	53,064,082	-	8,096,667
ALVN	Low Voltage	Standard	1,567	166,462		537,500	166,462,394	68,834,841	33,004,082		141,094
ATXH	Transformer	Standard	832	1,026,653			1,026,653,250	197,899,247	83,993,778	-	8,123,112
ATXN AHVH	Transformer High Voltage	Standard Standard	146 115	19,155 461,620		49,356	19,154,747 461,619,729	12,086,587 53,522,485	34,094,478	117,698	9,862 2,284,957
AHVN	High Voltage	Standard	6	396		1,228	395,654	467,008		-	, , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
W100 W102	Residential Residential	Standard Standard	23,020 165,594	163,594 1,255,300		8,382,376 60,419,655	163,593,928 1,255,299,576	-	-	-	
WRCH	Residential	Standard	103,394			00,415,033	-	-			
WRUH WBSN	Residential	Standard Standard		200 777		77446	200 725 555	-		-	-
WBSU	Business Business	Standard Standard	21,173 242	390,726 18,713		7,714,847 12,637,145	390,725,506 18,712,522			-	
WLVC	Low voltage	Standard	155	56,638		56,455	56,638,302	12,262,344		-	
WLVH WLVN	Low voltage Low voltage	Standard Standard	118 633	74,141 94,776		42,295 230,489	74,141,452 94,776,272	11,737,022 29,407,025	5,574,252	-	611,319 395,606
WTXC	Transformer	Standard	139	54,070		50,643	54,069,912	12,571,390		-	333,000
WTXH	Transformer	Standard	198	320,294		72,170	320,293,584	61,151,370	25,789,922	-	1,571,560
WTXN WHVH	Transformer High voltage	Standard Standard	30 14	4,494 81,922		10,791 5,047	4,493,603 81,921,779	3,794,540 10,571,850	5,665,131	1,712	90,842 287,361
WHVN	High voltage	Standard	-	-			-	-		-	
Non-Standard	Non-Standard nsumer groups or price category code	Non-Standard	51	800,369		37,452	5,121,088	730	-	8,516	4,745
rida extra rows for additional cor	insumer groups or price category coar										
		Standard consumer totals	s 536,035	7,581,091		226,500,652	7,581,091,295	644,451,785	208,181,643	119,410	21,612,380
			51	7,581,091 800,369 8,381,461		226,500,652 37,452 226,538,104	5,121,088	644,451,785 730 644,452,515	208,181,643	119,410 8,516 127,926	21,612,380 4,745 21,617,125
): Line Charge Revenues (\$0	000) by Price Component	Standard consumer totals Non-standard consumer totals	s 51	800,369		37,452 226,538,104	5,121,088 7,586,212,383	730 644,452,515		8,516	4,745
		Standard consumer totals Non-standard consumer totals Total for all consumers	s 51 s 536,086	800,369 8,381,461	Total transmission Price compone	37,452 226,538,104 Line charge revenunt Fixed	5,121,088	730 644,452,515		8,516	4,745
): Line Charge Revenues (\$0 Consumer group name or price category code		Standard consumer totals Non-standard consumer totals Total for all consumers	s 51	800,369 8,381,461	Total transmission Price compone Total distribution line charge revenue Rate (eg, \$/day, \$/kWh line charge revenue (if available) etc.	37,452 226,538,104 Line charge revenunt Fixed S/day	5,121,088 7,586,212,383 es by price compone	730 644,452,515	208,181,643	8,516 127,926	4,745 21,617,125
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)	\$ 51 536,086	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available) S26,248 S10,721	37,452 226,538,104 Line charge revenu Fixed S/day \$3,029	5,121,088 7,586,212,383 es by price compone Variable \$/kWh	730 644,452,515 nt	208,181,643	8,516 127,926	4,745 21,617,125 Power factor
Consumer group name or price category code	e 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)	51 536,086 Total line charge revenue in disclosure year	800,369 8,381,461 Notional revenue	Total distribution line charge revenue Rate (eg, \$/day, \$/kWh line charge revenue (if available) etc.	37,452 226,538,104 Line charge revenunt Fixed S/day	5,121,088 7,586,212,383 es by price compone Variable \$/kWh	730 644,452,515 nt	208,181,643	8,516 127,926	4,745 21,617,125 Power factor
category code A100 A102 ARCH ARUH	e Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential	Standard consumer totals Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify) Standard Standard Standard Standard	Total line charge revenue in disclosure year \$36,969 \$152,255	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available) Rate (eg, \$/day, \$/kWh etc.	37,452 226,538,104 Line charge revenu Fixed \$/day \$3,029 \$12,069	5,121,088 7,586,212,383 es by price compone Variable S/kWh \$33,940 \$140,186	730 644,452,515 nt	208,181,643	8,516 127,926	4,745 21,617,125 Power factor
Consumer group name or price category code A100 ARCH	e Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential	Standard consumer totals Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify) Standard Standard Standard Standard	\$ 51 536,086	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available) S26,248 S10,721	37,452 226,538,104 Line charge revenu Fixed S/day \$3,029	5,121,088 7,586,212,383 es by price compone Variable S/kWh \$33,940 \$140,186	730 644,452,515 nt	208,181,643	8,516 127,926	4,745 21,617,125 Power factor
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC	e Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage	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 \$36,969 \$152,255 \$4,761 \$4,761 \$4,761	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available) Rate (eg, \$/day, \$/kWh etc.	37,452 226,538,104 Line charge revenut Fixed S/day \$3,029 \$12,069 \$6,016	5,121,088 7,586,212,383 es by price compone Variable S/kWh \$33,940 \$140,186 - \$58,813 \$2,451 \$3,708	730 644,452,515 nt Capacity \$/kVA/day	Demand S/kVA/day	8,516 127,926	4,745 21,617,125 Power factor S/kVAr/day
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU	Residential Residential Residential Residential Residential Residential Residential Residential Business Business Business Low Voltage Low Voltage	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	Total line charge revenue in disclosure year \$36,969 \$152,255 \$64,829 \$4,761 \$54,754 \$52,8604	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available)	37,452 226,538,104 Line charge revenu Fixed \$/day \$3,029 \$12,069 \$6,016 \$2,310	5,121,088 7,586,212,383 es by price compone Variable 5/kWh \$33,940 \$140,186 - \$58,813 \$2,451 \$3,708 \$10,610	730 644,452,515 nt Capacity S/kVA/day	208,181,643	8,516 127,926	4,745 21,617,125 Power factor
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage Transformer	Standard consumer totals Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify) Standard	\$ 51 536,086 \$ 536,086 \$ 536,086 \$ 536,086 \$ 536,086 \$ 536,086 \$ 5152,255 \$ 64,829 \$ 54,751 \$ 54,754 \$ 228,604 \$ 131,8604 \$ 513,604 \$ 543,370 \$ 644,370	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available) Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenu nt Fixed \$/day \$3,029 \$12,069 \$6,016 \$2,310 \$587	5,121,088 7,586,212,383 es by price compone Variable S/kWh \$33,940 \$140,186 \$58,813 \$2,451 \$3,708 \$10,610 \$11,044 \$17,480	730 644,452,515 nt Capacity \$/kVA/day 	Demand S/kVA/day	8,516 127,926	4,745 21,617,125 Power factor S/kVAr/day
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage Transformer Transformer	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 \$36,969 \$152,255 \$64,829 \$4,761 \$28,604 \$13,667 \$44,370 \$34,363	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available) Rate (eg, \$/day, \$/kWh etc.	37,452 226,538,104 Line charge revenu Fixed \$/day \$3,029 \$12,069 \$6,016 \$2,310	5,121,088 7,586,212,383 es by price compone Variable \$/kWh \$33,940 \$140,186 - \$58,813 \$2,451 \$3,708 \$11,044 \$17,480 \$11,044 \$17,480	730 644,452,515 At Capacity Capacity St.VA/day St.046 St.046 St.046 St.046 St.046 St.046 St.046	Demand \$/kVA/day	Excess demand S/kVA/day	4,745 21,617,125 Power factor \$\frac{1}{k}\text{VAr/day}\$ \$263 \$115
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage Transformer	Standard consumer totals Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify) Standard	\$ 51 536,086 \$ 536,086 \$ 536,086 \$ 536,086 \$ 536,086 \$ 536,086 \$ 5152,255 \$ 64,829 \$ 54,751 \$ 54,754 \$ 228,604 \$ 131,8604 \$ 513,604 \$ 543,370 \$ 644,370	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available) Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenu nt Fixed \$/day \$3,029 \$12,069 \$6,016 \$2,310 \$587	5,121,088 7,586,212,383 es by price compone Variable 5/kWh 533,940 \$140,186 \$58,813 \$2,451 \$3,708 \$110,610 \$11,044 \$17,480 \$1,244 \$8,366	730 644,452,515 nt Capacity \$/kVA/day 	Demand \$/kVA/day	8,516 127,926	4,745 21,617,125 Power factor \$/kVAr/day
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN W100	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Residential	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 \$36,969 \$152,255 \$64,829 \$4,761 \$28,604 \$13,667 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$33,957 \$52,300	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available)	37,452 226,538,104 Line charge revenu fixed \$/day \$3,029 \$12,069 \$5,016 \$52,310 \$587 \$52 \$51 \$51 \$51,246	5,121,088 7,586,212,383 ses by price compone Variable 5/kWh \$33,940 \$140,186 - \$58,813 \$2,451 \$3,708 \$11,044 \$17,480 \$11,044 \$8,366 \$28,8 \$3,960 \$1,244 \$8,366 \$28,8 \$3,905	730 644,452,515 nt Capacity \$/kVA/day \$1,046 \$4,415 \$2,036 \$6,669 \$329 \$1,788	Demand \$/kVA/day	Excess demand S/kVA/day	4,745 21,617,125 Power factor \$\frac{1}{k}\text{VAr/day}\$ \$263 \$115
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN	e Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage	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 \$36,969 \$152,255 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$33,937	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available)	37,452 226,538,104 Line charge revenu nt Fixed \$/day \$3,029 \$12,069 \$6,016 \$2,310 \$587 \$587 \$582	s by price compone Variable \$7,886,212,383 Variable \$7,886,212,383 Variable \$7,886,212,383 \$140,186 \$140,186 \$58,813 \$2,451 \$3,708 \$10,610 \$11,044 \$17,280 \$1,244 \$8,366 \$22,82 \$19,054	730 644,452,515 nt Capacity \$/kVA/day \$1,046 \$4,415 \$2,036 \$6,669 \$329 \$1,788	Demand \$/kVA/day	Excess demand S/kVA/day	4,745 21,617,125 Power factor \$\frac{1}{k}\text{VAr/day}\$ \$263 \$115
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN W100 W102 WRCH WRUH	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Residential Residential Residential Residential Residential	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 \$36,969 \$152,255 \$64,829 \$4,761 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$3,37 \$20,300 \$130,801	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available)	37,452 226,538,104 Line charge revenu Fixed \$/day \$3,029 \$12,069 \$5,016 \$2,310 \$587 \$52 \$51 \$51,246 \$8,980	s by price compone Variable S/kWh \$33,940 \$140,186 \$58,813 \$2,451 \$3,708 \$10,610 \$11,044 \$8,366 \$22,82 \$19,054	730 644,452,515 nt Capacity \$/kVA/day \$1,046 \$4,415 \$2,036 \$6,669 \$329 \$1,788	Demand \$/kVA/day	Excess demand S/kVA/day	4,745 21,617,125 Power factor \$\frac{1}{k}\text{VAr/day}\$ \$263 \$115
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN ATXH ATXN W100 W102 WRCH WRUH WBSN	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer High Voltage High Voltage Residential Residential Residential Residential Residential Residential Business	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 \$36,969 \$152,255 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$51,625 \$1,9455 \$37 \$20,300 \$130,801	800,369 8,381,461 Notional revenue	Total distribution line charge revenue Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenue Fixed S/day \$3,029 \$12,069 \$512,069 \$52,310 \$587 \$52,310 \$587 \$512,466 \$8,980 \$8,980 \$6,192	5,121,088 7,586,212,383 8s by price compone Variable 5/kWh \$33,940 \$140,186 \$58,813 \$2,451 \$3,708 \$10,610 \$11,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044	730 644,452,515 nt Capacity \$/kVA/day \$1,046 \$4,415 \$2,036 \$6,669 \$329 \$1,788	Demand \$/kVA/day	Excess demand S/kVA/day	4,745 21,617,125 Power factor \$\frac{1}{k}\text{VAr/day}\$ \$263 \$115
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN W100 W102 WRCH WRUH	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Residential Residential Residential Residential Residential	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 \$36,969 \$152,255 \$64,829 \$4,761 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$3,37 \$20,300 \$130,801	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available)	37,452 226,538,104 Line charge revenu Fixed \$/day \$3,029 \$12,069 \$5,016 \$2,310 \$587 \$52 \$51 \$51,246 \$8,980	5,121,088 7,586,212,383 8s by price compone Variable 5/kWh \$33,940 \$140,186 \$58,813 \$2,451 \$3,708 \$10,610 \$11,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044 \$51,044	730 644,452,515 nt Capacity \$/kVA/day \$1,046 \$4,415 \$2,036 \$6,669 \$329 \$1,788	Demand \$/kVA/day	Excess demand S/kVA/day	4,745 21,617,125 Power factor \$\frac{1}{k}\text{VAr/day}\$ \$263 \$115
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN ATXH ATXN W100 W102 WRCH WRUH WBSN WBSU WUCC WLVH	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer High Voltage High Voltage Residential Residential Residential Residential Residential Business Business Business Business Business Low voltage Low Voltage	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 \$36,969 \$152,255 \$4,761 \$4,761 \$4,764 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$37 \$20,300 \$130,801	800,369 8,381,461 Notional revenue	Total distribution Ine charge revenue Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenu Fixed \$/day \$3,029 \$12,069 \$5,016 \$2,310 \$587 \$52 \$51 \$1,246 \$8,980 \$6,192 \$1,380 \$341 \$843	5,121,088 7,586,212,383 8s by price compone Variable 5/kWh \$33,940 \$140,186 \$58,813 \$2,451 \$3,708 \$11,044 \$11,044 \$51,244 \$51,245 \$11,241 \$51,245 \$11,241 \$51,245 \$11,241 \$51,245 \$11,245	730 644,452,515 nt Capacity S/RVA/day \$1,046 \$4,415 \$2,036 \$56,069 \$329 \$1,788 \$8 \$8 \$1,788 \$8 \$1,788 \$8 \$1,788 \$8 \$1,788	Demand \$/kVA/day	Excess demand S/kVA/day	4,745 21,617,125 Power factor \$\frac{1}{k}\text{VAr/day}\$ \$263 \$115
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN W100 W102 WRCH WRUH WBSN WBSU WLVC WLVH WLVN	e Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Residential Residential Residential Residential Residential Residential Residential Residential Residential Low Voltage Low Voltage Low Voltage Low Voltage Low Voltage Low Voltage	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 \$36,969 \$152,255 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$37 \$20,300 \$130,801 \$32,246 \$3,3007 \$2,295 \$2,284	800,369 8,381,461 Notional revenue	Total distribution line charge revenue Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenunt Fixed \$/day \$3,029 \$12,069 \$5,2310 \$587 \$52 \$51 \$1,246 \$8,980 \$6,192 \$1,380 \$3,411 \$843 \$1,112	5,121,088 7,586,212,383 ry,586,212,383 ry,586,212,383 ry,586,212,383 ry,586,212,383 ry,686,212,383	730 644,452,515 nt Capacity \$/kVA/day \$1,046 \$4,415 \$2,036 \$6,069 \$329 \$1,788 \$8 \$8 \$1,280	Demand \$/kVA/day	Excess demand S/kVA/day	4,745 21,617,125 Power factor S/kVAr/day \$263 \$115
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN ATXH ATXN W100 W102 WRCH WRCH WRSN WBSU WLVC WUVH WLVN WTXC WYXH	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer High Voltage High Voltage Residential Residential Residential Residential Residential Business Business Business Business Business Low voltage Low Voltage	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 \$36,969 \$152,255 \$4,761 \$4,761 \$4,764 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$37 \$20,300 \$130,801	800,369 8,381,461 Notional revenue	Total distribution Ine charge revenue Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenu Fixed \$/day \$3,029 \$12,069 \$5,016 \$2,310 \$587 \$52 \$51 \$1,246 \$8,980 \$6,192 \$1,380 \$341 \$843	sty price compone Variable S/kWh \$33,940 \$140,186 \$5,88,13 \$5,88,13 \$10,610 \$11,044 \$8,366 \$11,244 \$8,366 \$121,821 \$121,821 \$121,821 \$121,821 \$121,821 \$121,821 \$121,821 \$121,821	730 644,452,515 nt Capacity S/RVA/day \$1,046 \$4,415 \$2,036 \$56,069 \$329 \$1,788 \$8 \$8 \$1,788 \$8 \$1,788 \$8 \$1,788 \$8 \$1,788	Demand \$/kVA/day	Excess demand S/kVA/day	4,745 21,617,125 Power factor S/kVAr/day \$263 \$115
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN W100 W102 WRCH WRUH WBSN WBSU WLVC WLVN WLVC WLVN WTXC WTXH WTXN	Residential Rusiness Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Residential	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 \$36,969 \$152,255 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$37 \$20,300 \$130,801 \$33,007 \$2,295 \$32,246 \$3,007 \$2,295 \$2,284 \$5,399 \$1,965 \$9,646	800,369 8,381,461 Notional revenue	Total distribution line charge revenue Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenunt Fixed \$/day \$3,029 \$12,069 \$5,016 \$2,310 \$587 \$52,310 \$587 \$51,246 \$8,980 \$51,380 \$3411 \$843 \$51,112 \$275 \$1,295 \$54,295	styprice compone styprice compone variable \$\frac{5}{AWh} \$\frac{33,940}{5140,186} \$\frac{5}{33,940} \$\frac{5}{31,940} \$\frac{5}{31,940} \$\frac{5}{31,940} \$\frac{5}{31,041} \$	730 644,452,515 nt Capacity \$/kVA/day 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	Demand S/kVA/day \$13,316 \$20,706 \$9,223 \$1,321 \$1,321	8.516 127,926 Excess demand \$/kVA/day	4,745 21,617,125 Power factor \$/kVAr/day \$263 \$115 \$52
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN ATXH ATXN W100 W102 WRCH WRUH W8SN W8SU WLVC WLVH WLVN WTXC WYXH	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Residential Residential Residential Residential Rusiness Business Low voltage Low voltage Transformer Transformer Transformer Transformer Transformer	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 \$36,969 \$152,255 \$4,761 \$4,761 \$4,761 \$4,774 \$28,604 \$13,667 \$44,370 \$51,625 \$19,455 \$37 \$20,300 \$130,801 \$3,007 \$32,246 \$3,007 \$52,295 \$2,295 \$2,2444 \$7,399 \$51,965	800,369 8,381,461 Notional revenue	Total distribution Ine charge revenue Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenue Fixed S/day \$3,029 \$12,069 \$5,016 \$2,310 \$587 \$51,246 \$8,980 \$51,246 \$58,980 \$51,246 \$51,246 \$51,246 \$51,246 \$51,246 \$51,246 \$51,246 \$51,246 \$51,246 \$51,246 \$51,246 \$51,246	styprice compone styprice compone variable \$\frac{5}{AWh} \$\frac{33,940}{5140,186} \$\frac{5}{33,940} \$\frac{5}{31,940} \$\frac{5}{31,940} \$\frac{5}{31,940} \$\frac{5}{31,041} \$	730 644,452,515 the Capacity S/kvA/day Capacity S1,046 94,415 92,036 93,229 93,1788 98 98 98 98 98 98 98 98 98 98 98 98 9	Demand S/kVA/day S/kVA/day \$13,316 \$20,706	Excess demand S/kVA/day	4,745 21,617,125 Power factor S/kVAr/day \$263 \$115 \$5
Consumer group name or price category code A100 A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXH ATXN AHVH AHVN W100 W102 WRCH WRUH W8SN WBSU WLVC WLVH WLVN WTXC WTXC WTXH WTXN WHVH WTXN WHVH WHYN Non-Standard	e Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage High Voltage High Voltage High Voltage Residential	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 \$36,969 \$152,255 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$37 \$20,300 \$130,801 \$33,007 \$2,295 \$32,246 \$3,007 \$2,295 \$2,284 \$5,399 \$1,965 \$9,646	800,369 8,381,461 Notional revenue	Total distribution line charge revenue Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenunt Fixed \$/day \$3,029 \$12,069 \$5,016 \$2,310 \$587 \$52,310 \$587 \$51,246 \$8,980 \$51,380 \$3411 \$843 \$51,112 \$275 \$1,295 \$54,295	styprice compone styprice compone variable \$\frac{5}{AWh} \$\frac{33,940}{5140,186} \$\frac{5}{33,940} \$\frac{5}{31,940} \$\frac{5}{31,940} \$\frac{5}{31,940} \$\frac{5}{31,041} \$	730 644,452,515 the Capacity Capacity St.VA/day St.VA/day 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Demand S/kVA/day \$13,316 \$20,706 \$9,223 \$1,321 \$1,321	8.516 127,926 Excess demand \$/kVA/day	4,745 21,617,125 Power factor \$/kVAr/day \$263 \$115 \$52
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN W100 W102 WRCH WRUH W8SN W8SU WLVC WLVH WLVH WLVN WTXC WTXH WTXN WHVH WTXN WHVH WHVN Non-Standard	Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer High Voltage High Voltage Residential Residential Residential Residential Residential Business Business Low voltage Low voltage Transformer High Transformer High Transformer High Voltage High Voltage Residential Residential Residential Residential Residential Residential High Voltage Low voltage Low voltage Low voltage Low voltage High Voltage High Voltage High Voltage High Voltage High Voltage	Standard consumer totals Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify) Standard	\$ 51 536,086	800,369 8,381,461 Notional revenue	Total distribution line charge revenue (if available)	37,452 226,538,104 Line charge revenunt Fixed S/day \$3,029 \$12,069 \$5,016 \$2,310 \$587 \$51,246 \$8,980 \$51,380 \$541 \$5843 \$1,112 \$275 \$1,295 \$47 \$889 \$523,206	sty price compone Variable S/kWh \$33,940 \$140,186 \$58,813 \$2,451 \$31,044 \$11,444 \$11,244 \$11,244 \$11,244 \$11,244 \$11,244 \$11,244 \$11,244 \$11,244 \$11,244 \$11,244 \$11,244 \$11,244 \$11,244 \$1,1244 \$	730 644,452,515 nt Capacity \$/kvA/day \$1,046 \$4,415 \$2,036 \$5,069 \$329 \$1,788 \$8 \$8 \$1,788 \$9 \$1,188 \$9 \$1,188	Demand S/kVA/day \$13,316 \$20,706 \$9,223 \$1,321 \$5,484 \$1,217	8.516 127,926 Excess demand S/kVA/day	4,745 21,617,125 Power factor S/kVAr/day \$263 \$115 \$52 \$52 \$54 \$54
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN ATWH AHVN W100 W102 WRCH WRUH W8SN W8SU WLVC WLVH WLVN WTXC WTXH WTXN WHVH WTXN WHVH WHVN Non-Standard	e Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage High Voltage High Voltage High Voltage Residential	Standard consumer totals Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify) Standard Non-Standard Non-Standard Standard consumer totals Non-standard consumer totals	Total line charge revenue in disclosure year \$36,969 \$152,255 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$37 \$20,300 \$130,801 \$33,007 \$2,295 \$4,844 \$5,347 \$5,145 \$5,1	800,369 8,381,461 Notional revenue	Total distribution line charge revenue Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenunt Fixed \$/day \$3,029 \$12,069 \$5,016 \$2,310 \$587 \$52,310 \$587 \$51,246 \$8,980 \$51,246 \$8,980 \$51,380 \$51,112 \$51,380 \$5341 \$5843 \$51,112 \$5275 \$1,295 \$47 \$89 \$23,206	5,121,088 7,586,212,383 7,586,212,383 7,586,212,383 8 8,10,10	730 644,452,515 nt Capacity \$/kVA/day \$1,046 \$4,415 \$2,036 \$6,069 \$329 \$1,788 \$8 \$8 \$1 \$1,046 \$4,415 \$2,036 \$6,069 \$329 \$1,788 \$8 \$8 \$1,788 \$5 \$2,036 \$2,036 \$3,009 \$3,	Demand \$/kvA/day	8.516 127,926 Excess demand \$/kVA/day	4,745 21,617,125 Power factor \$/kVAr/day \$263 \$115 \$52 \$4 \$63 \$634
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN W100 W102 WRCH WRUH WBSN WBSU WLVC WLVC WLVC WLVN WTXC WTXC WTXN WTXN WHVH WTXN WHVN Non-Standard	e Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Low Voltage Low Voltage Low Voltage High Voltage High Voltage High Voltage Residential	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 \$36,969 \$152,255 \$44,754 \$28,604 \$313,667 \$44,370 \$1,625 \$19,455 \$337 \$20,300 \$130,801 \$32,246 \$3,007 \$2,295 \$44,370 \$1,955 \$33,007 \$2,295 \$34,244 \$3,007 \$2,295 \$34,246 \$3,007 \$2,295 \$34,246 \$3,007 \$2,295 \$34,246 \$3,007 \$2,295 \$34,246 \$3,007 \$2,295 \$34,246 \$3,007 \$2,295 \$34,246 \$3,007 \$2,295 \$34,246 \$3,007 \$2,295 \$34,246 \$3,007 \$3,256 \$3,007 \$3,256 \$3,007 \$3,256 \$3,007 \$3,256 \$3,007 \$3,256 \$3,007 \$3,256 \$3,007 \$3,256 \$3,007 \$3,256 \$3,007 \$3,256 \$3,007 \$3,0	800,369 8,381,461 Notional revenue	Total distribution Ine charge revenue Rate (eg, \$/day, \$/kwh etc.	37,452 226,538,104 Line charge revenu Fixed \$/day \$3,029 \$12,069 \$56,016 \$2,310 \$587 \$51 \$51,246 \$8,980 \$6,192 \$1,380 \$341 \$843 \$51,112 \$2,725 \$1,295 \$47 \$89 \$23,206	5,121,088 7,586,212,383 7,586,212,383 7,586,212,383 8 8,10,10	730 644,452,515 ht Capacity S/kVA/day 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Demand S/kVA/day \$13,316 \$20,706 \$9,223 \$1,321 \$5,484 \$1,217	8.516 127,926 Excess demand \$/kVA/day	4,745 21,617,125 Power factor \$/kVAr/day \$263 \$115 \$52 \$4 \$63 \$634

										Company Name		Vector 31 March 201	<u> </u>
									Network / Suh	For Year Ended Network Name-		Southern	
LE 8: REPORT ON BILLED (OLIANITITIES AND LINE	THANGE DEVENITIES							receivork / Sub			Jouthern	
	sted line charge revenues for each prio		its pricing schedules. Inform	ation is also required on the	number of ICPs that are included in	in each consumer group or price category c	de, and the energy delive	ered to these ICPs.					
							Billed quantities b	y price component					
							Direct quarteres a	y price component					1
						Price com	onent Fixed	Variable	Capacity	Demand	Excess demand	Power Factor	
Consumer group name or pric category code	ce Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)		Unit charging basis (eg, days, kW of der kVA of capacity, etc.)	Day	kWh	kVA/day	kVA/day	kVA/day	kVAr/day	Add ex for a billed a price
A100	Residential	Standard	56,268	328,463			20,496,859	328,463,044		<u> </u>	T.		as r
A102	Residential	Standard	224,433	1,624,502			81,378,758		-		-		
ARCH	Residential	Standard	22.,433				22,575,750		-		-		
ARUH	Residential	Standard		-				-	-		-		-
ABSN	Business	Standard	37,460	770,484			12,750,465	770,483,500	-	-	-		
ABSU	Business	Standard Standard	1,946 428	· · · · · · · · · · · · · · · · · · ·			21,664,573	34,639,859	22 464 562		-		
ALVC ALVH	Low Voltage Low Voltage	Standard Standard	1,520	· · · · · · · · · · · · · · · · · · ·				- 56,144,449 - 577,906,341	33,461,560 136,684,516	53,064,082		8,096,667	
ALVN	Low Voltage	Standard	1,567				537,500	166,462,394	68,834,841		-	141,094	
ATXH	Transformer	Standard	832	1,026,653				- 1,026,653,250	197,899,247	83,993,778	-	8,123,112	
ATXN	Transformer	Standard	146				49,356		12,086,587		-	9,862	
AHVH AHVN	High Voltage High Voltage	Standard Standard	115	461,620			1,228	- 461,619,729 395,654	53,522,485 467,008	34,094,478	117,698	2,284,957	
Non-Standard	Non-Standard	Non-Standard	40				25,851		730		8,516	4,745	
	consumer groups or price category cod	<u> </u>		100,220			-5/55	3,222,000			5,425	7	
		Standard consumer totals	324,720	5,066,425			136,878,739	5,066,424,859	502,956,244	171,152,338	117,698	18,655,692	
		Non-standard consumer totals	40	703,218			25,851	5,121,088	730		- 8,516	4,745	
				703,218				5,121,088		171,152,338 171,152,338			
ខ(ii): Line Charge Revenues (\$៤	000) by Price Component	Non-standard consumer totals	40	703,218			25,852 136,904,590	5,121,088	730 502,956,974		- 8,516	4,745	
3(ii): Line Charge Revenues (\$0	000) by Price Component	Non-standard consumer totals	40	703,218		Price com	25,852 136,904,590 Line charge reven	5,121,088 5,071,545,947	730 502,956,974		- 8,516	4,745	
ያ(ii): Line Charge Revenues (\$፡	000) by Price Component	Non-standard consumer totals	40	703,218		Total transmission	25,852 136,904,590 Line charge reven	5,121,088 5,071,545,947	730 502,956,974	171,152,338	8,516 126,214	4,745 18,660,437	
	000) by Price Component ce Consumer type or types (eg, residential, commercial etc.)	Non-standard consumer totals Total for all consumers	40	703,218 5,769,643	Total distribution line charge revenue	Total transmission line charge Rate (eg, \$/day, \$/	25,852 136,904,590 Line charge reven	5,121,088 5,071,545,947	730 502,956,974	171,152,338	8,516 126,214	4,745 18,660,437	Add ex
Consumer group name or prio category code	ce Consumer type or types (eg, residential, commercial etc.) Residential	Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify)	Total line charge revenue ir disclosure year	703,218 5,769,643 Notional revenue foregone (if applicable)	line charge revenue	Total transmission line charge revenue (if available) \$10,721	25,85: 136,904,590 Line charge reven onent Fixed Wh, \$/day	ues by price componer Variable \$/kWh \$33,940	730 502,956,974 nt	171,152,338	8,516 126,214 Excess demand	4,745 18,660,437 Power factor	Add ex for ad charg b com
Consumer group name or pric category code A100 A102	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential	Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify) Standard Standard	Total line charge revenue in disclosure year	703,218 5,769,643 Notional revenue foregone (if applicable)	line charge revenue	Total transmission line charge Rate (eg, \$/day, \$/ revenue (if available)	Line charge reven onent Fixed Wh, \$//day	ues by price componer Variable \$/kWh \$33,940	730 502,956,974 nt	171,152,338	8,516 126,214 Excess demand	4,745 18,660,437 Power factor	Add ex for ad charg b com
Consumer group name or prio category code A100 A102 ARCH	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential	Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify) Standard Standard Standard Standard	Total line charge revenue ir disclosure year	703,218 5,769,643 Notional revenue foregone (if applicable)	line charge revenue	Total transmission line charge revenue (if available) \$10,721	25,85: 136,904,590 Line charge reven onent Fixed Wh, \$/day	ues by price componer Variable \$/kWh \$33,940	730 502,956,974 nt	171,152,338	8,516 126,214 Excess demand	4,745 18,660,437 Power factor	Add exfor ad charge b
Consumer group name or prio category code A100 A102	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential	Non-standard consumer totals Total for all consumers Standard or non-standard consumer group (specify) Standard Standard	Total line charge revenue ir disclosure year	703,218 5,769,643 Notional revenue foregone (if applicable)	line charge revenue	Total transmission line charge revenue (if available) \$10,721	25,85: 136,904,590 Line charge reven onent Fixed Wh, \$/day	ues by price componer Variable \$/kWh \$33,940 \$140,186 \$	730 502,956,974 nt	171,152,338	8,516 126,214 Excess demand	4,745 18,660,437 Power factor	Add exfor ad charge b
Consumer group name or pric category code A100 A102 ARCH ARUH ABSN ABSU	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business	Standard or non-standard consumer group (specify) Standard	Total line charge revenue ir disclosure year \$36,969 \$152,255	703,218 5,769,643 Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380	Total transmission line charge revenue (if available) S10,721 S44,154 S18,800 S1,381	25,85: 136,904,590 Line charge reven onent Fixed Wh, etc.) \$3,025 \$12,065	Ues by price componer Variable \$ /kWh \$ 3	730 502,956,974 nt Capacity \$/kVA/day	171,152,338	8,516 126,214 Excess demand	4,745 18,660,437 Power factor	Add exfor ad charge b
Consumer group name or pric category code A100 A102 ARCH ARUH ABSN ABSU ALVC	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage	Standard or non-standard consumer group (specify) Standard	Total line charge revenue ir disclosure year \$36,969 \$152,255 \$64,829 \$4,761 \$4,754	703,218 5,769,643 Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380 \$3,375	Total transmission line charge revenue (if available) \$10,721 \$44,154 \$44,154 \$13,800 \$1,381 \$1,379	25,85: 136,904,590 Line charge reven onent Fixed Wh, etc.) \$3,025 \$12,065 \$6,016	ues by price componer Variable \$/kWh \$33,940 \$140,186 \$58,813 \$2,451 \$3,708	730 502,956,974 nt Capacity \$/kVA/day	Demand \$/kVA/day	8,516 126,214 Excess demand	4,745 18,660,437 Power factor \$/kVAr/day	Add es for ad charg b com
Consumer group name or pric category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage Low Voltage	Standard or non-standard consumer group (specify) Standard	Total line charge revenue ir disclosure year \$36,969 \$152,255 \$44,829 \$4,754 \$28,604	703,218 5,769,643 Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309	Total transmission line charge revenue (if available) \$10,721 \$44,154 \$ \$518,800 \$1,381 \$1,379 \$8,295	25,85: 136,904,590 Line charge reven wh, \$/day \$3,025 \$12,065 \$6,010 \$2,310	5,121,088 5,071,545,947 wes by price componer Variable S/kWh 3 \$33,940 9 \$140,186	730 502,956,974 nt Capacity \$/kVA/day	171,152,338	8,516 126,214 Excess demand	4,745 18,660,437 Power factor	Add es for ad charg b com
Consumer group name or pric category code A100 A102 ARCH ARUH ABSN ABSU ALVC	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage	Standard or non-standard consumer group (specify) Standard	Total line charge revenue ir disclosure year \$36,969 \$152,255 \$64,829 \$4,761 \$4,754	703,218 5,769,643 Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309 \$9,704	Total transmission line charge revenue (if available) S10,721 S44,154 S18,800 S1,381 S1,379 S8,295 S3,963	25,85: 136,904,590 Line charge reven onent Fixed Wh, etc.) \$3,025 \$12,065 \$6,016	5,121,088 5,071,545,947 wes by price componer Variable S/kWh 3 \$33,940 9 \$140,186	730 502,956,974 nt Capacity \$/kVA/day	Demand \$/kVA/day	8,516 126,214 Excess demand	4,745 18,660,437 Power factor \$/kVAr/day	Add es for ad charg b com
Consumer group name or pric category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage	Standard or non-standard consumer group (specify) Standard	Total line charge revenue ir disclosure year \$36,969 \$152,255 \$64,829 \$4,761 \$4,754 \$28,604 \$13,667	703,218 5,769,643 Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309	Total transmission line charge revenue (if available) \$10,721 \$44,154 \$1.380 \$1.381 \$1.379 \$8.295 \$3.963 \$12,867	25,85: 136,904,590 Line charge reven wh, \$/day \$3,025 \$12,065 \$6,010 \$2,310	Ues by price componer Variable \$/kWh \$33,940 \$140,186 \$5,813 \$2,451 \$3,708 \$10,610 \$11,044 \$17,480	730 502,956,974 nt Capacity \$/kVA/day	Demand \$/kVA/day \$13,316	8,516 126,214 Excess demand	4,745 18,660,437 Power factor \$/kVAr/day	Add es for ad charg b com
Consumer group name or pric category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage Low Voltage Transformer Transformer High Voltage	Standard or non-standard consumer group (specify) Standard	Total line charge revenue in disclosure year \$36,969 \$152,255 \$64,829 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455	Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309 \$9,704 \$31,503 \$1,154	Total transmission line charge revenue (if available) \$10,721	25,85: 136,904,590 Line charge reven onent Fixed Wh, etc.) \$3,029 \$12,069 \$6,016 \$2,310 \$588:	Ues by price componer Variable \$/kWh \$ \$33,940 \$ \$140,186	730 502,956,974 mt Capacity \$/kVA/day	Demand \$/kVA/day \$13,316	8,516 126,214 Excess demand	4,745 18,660,437 Power factor \$/kVAr/day	Add es for ad charg b com
Consumer group name or pric category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage	Standard or non-standard consumer group (specify) Standard	Total line charge revenue ir disclosure year \$36,969 \$152,255 \$64,829 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$37	Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309 \$9,704 \$31,503 \$1,154 \$13,813	Total transmission line charge revenue (if available) \$10,721 \$44,154 \$44,154 \$13,800 \$13,81 \$1,379 \$8,295 \$3,963 \$12,867 \$471 \$55,642 \$11	25,85: 136,904,590 Line charge reven Fixed Wh, etc.) \$3,025 \$12,065 \$6,016 \$2,310 \$558: \$55:	Ues by price componer Variable \$/kWh \$33,940 \$140,186 \$5,58,813 \$5,58,813 \$5,2451 \$10,610 \$11,044 \$11,044 \$14,048 \$2,451 \$17,480 \$2,451 \$3,708 \$3,708 \$3,708 \$3,708 \$3,708 \$4,8366 \$5,8366	730 502,956,974 nt Capacity \$/kVA/day	Demand \$/kVA/day \$13,316	8,516 126,214 Excess demand S/kVA/day	4,745 18,660,437 Power factor \$/kVAr/day \$266	Add er for an charg L com nu
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN Non-Standard	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Non-Standard	Standard or non-standard consumer stalls for all consumers Standard or non-standard consumer group (specify) Standard	Total line charge revenue in disclosure year \$36,969 \$152,255 \$64,829 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455	Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309 \$9,704 \$31,503 \$1,154	Total transmission line charge revenue (if available) \$10,721 \$44,154 \$44,154 \$13,800 \$13,81 \$1,379 \$8,295 \$3,963 \$12,867 \$471 \$55,642 \$11	25,85: 136,904,590 Line charge reven onent Fixed Wh, etc.) \$3,029 \$12,069 \$6,016 \$2,310 \$588:	Ues by price componer Variable \$/kWh \$33,940 \$140,186 \$5,58,813 \$5,58,813 \$5,2451 \$10,610 \$11,044 \$11,044 \$14,048 \$2,451 \$17,480 \$2,451 \$3,708 \$3,708 \$3,708 \$3,708 \$3,708 \$4,8366 \$5,8366	730 502,956,974 mt Capacity \$/kVA/day	Demand \$/kVA/day \$13,316	Excess demand S/kVA/day	4,745 18,660,437 Power factor \$/kVAr/day \$263	Add ex for ad charg b com ne
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN Non-Standard	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage	Standard or non-standard consumer group (specify) Standard	Total line charge revenue ir disclosure year \$36,969 \$152,255 \$44,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$337 \$20,407	Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309 \$9,704 \$31,503 \$1,154 \$13,813 \$26 \$12,205	Total transmission line charge revenue (if available) \$\frac{\$10,721}{\$44,154}\$ \$\frac{\$18,800}{\$1,381}\$ \$\$1,379 \$\$8,295 \$\$3,963 \$\$12,867 \$\$471 \$\$5,642 \$\$8,202	25,85: 136,904,590 Line charge reven Fixed Wh, \$/day \$3,025 \$12,065 \$6,016 \$2,310 \$58; \$55; \$55; \$520,095	Ues by price componer Variable \$/kWh \$33,940 \$140,186 \$5,58,813 \$0,\$2,451 \$1,044 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480 \$1,7480	730 502,956,974 nt Capacity \$/kVA/day	Demand \$/kVA/day \$13,316 \$20,706	8,516 126,214 Excess demand \$/kVA/day	4,745 18,660,437 Power factor \$/kVAr/day \$263 \$115 \$563	Add en charge to comment
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHVH AHVN Non-Standard	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Non-Standard	Standard or non-standard consumer stalls for all consumers Standard or non-standard consumer group (specify) Standard	\$324,760 324,760 324,760 324,760 \$36,969 \$152,255 \$41,754 \$41,754 \$28,604 \$13,667 \$44,370 \$1,625 \$19,455 \$37 \$20,407	Notional revenue foregone (if applicable)	\$26,248 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309 \$9,704 \$31,503 \$1,154 \$13,813	Total transmission line charge revenue (if available) \$\frac{\$10,721}{\$44,154}\$ \$\frac{\$18,800}{\$1,381}\$ \$\$1,379 \$\$8,295 \$\$3,963 \$\$12,867 \$\$471 \$\$5,642 \$\$8,202	25,85: 136,904,590 Line charge reven Fixed Wh, etc.) \$3,025 \$12,065 \$6,016 \$2,310 \$558: \$55:	Ues by price componer Variable \$/kWh \$33,940 \$140,186 \$5,8813 \$2,451 \$3,708 \$10,610 \$11,044 \$11,044 \$11,044 \$11,044 \$2,51,244 \$8,366 \$28 \$9,597	730 502,956,974 nt Capacity \$/kVA/day	Demand \$/kVA/day \$13,316	8,516 126,214 Excess demand S/kVA/day	4,745 18,660,437 Power factor \$/kVAr/day \$266	Add ex for ad charg b com ne
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHYH AHVN Non-Standard	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Non-Standard	Standard or non-standard consumer stalls and ard consumer group (specify) Standard	Total line charge revenue in disclosure year \$36,969 \$152,255 \$4,761 \$4,754 \$28,604 \$13,667 \$44,370 \$1,625 \$319,455 \$317,326	Notional revenue foregone (if applicable)	\$26,48 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309 \$9,704 \$31,503 \$1,154 \$13,813 \$26 \$12,205	Total transmission line charge revenue (if available) \$10,721 \$44,154 \$44,154 \$518,800 \$51,381 \$13,379 \$88,295 \$3,963 \$12,867 \$471 \$55,642 \$11 \$88,202	25,85: 136,904,590 Line charge reven Fixed Wh, \$/day \$3,025 \$12,065 \$56,016 \$2,310 \$58: \$55: \$520,095	Ues by price componer Variable S/kWh 3 \$33,940 9 \$140,186	730 502,956,974 nt Capacity \$/kVA/day	Demand \$/kVA/day \$13,316 \$20,706	8,516 126,214 Excess demand \$/kVA/day	4,745 18,660,437 Power factor \$/kVAr/day \$263 \$115 \$563 \$387	Add ex for add charg b com, ne
Consumer group name or price category code A100 A102 ARCH ARUH ABSN ABSU ALVC ALVH ALVN ATXH ATXN AHYH AHVN Non-Standard	ce Consumer type or types (eg, residential, commercial etc.) Residential Residential Residential Residential Business Business Low Voltage Low Voltage Low Voltage Transformer Transformer High Voltage High Voltage Non-Standard	Standard or non-standard consumer group (specify) Standard Non-standard Non-standard so s necessary Standard consumer totals Non-standard consumer totals	Total line charge revenue in disclosure year \$36,969 \$152,255 \$4,761 \$4,754 \$228,604 \$13,667 \$44,370 \$1,625 \$19,455 \$37 \$20,407	Notional revenue foregone (if applicable)	\$26,642 \$108,101 \$46,029 \$3,380 \$3,375 \$20,309 \$9,704 \$31,503 \$1,154 \$13,813 \$26 \$12,205	Total transmission line charge revenue (if available) \$10,721	25,85: 136,904,590 Line charge reven Fixed Wh, \$/day \$3,025 \$12,065 \$56,016 \$2,310 \$58: \$55: \$520,095 \$220,095	Ues by price componer Variable S/kWh 3 \$33,940 9 \$140,186	730 502,956,974 ant Capacity \$/kVA/day	Demand \$/kVA/day \$13,316 \$20,706 \$9,223	8,516 126,214 Excess demand \$/kVA/day	4,745 18,660,437 Power factor \$/kVAr/day \$263 \$115 \$563 \$387 \$63	Add ex for add charg b com, ne

Vector Company Name 31 March 2013 For Year Ended Network / Sub-Network Name **SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES** This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs. 8(i): Billed Quantities by Price Component Billed quantities by price component for additional Unit charging basis (eg, days, kW of demar illed quantities kWh kVA/day kVA/dav kVA/day kVAr/day Standard or non-standard Average no. of ICPs in Energy delivered to ICPs kVA of capacity, etc.) Consumer group name or price Consumer type or types (eg, by price category code residential, commercial etc.) consumer group (specify) disclosure year in disclosure year (MWh) component as 163,593,928 60,419,65 12,637,145 56,638 74,141 42,295 74,141,452 5,574,25 94,776 395,606 54,07 50.643 54,069,9 4,493,60 90.842 81,922 5.047 81,921,7 5,665,131 287,361 97.151 Standard consumer totals 89,621,913 2,514,666,436 141,495,541 37,029,305 2,956,688 Non-standard consumer totals 141,495,541 Total for all consume 89.633.514 2.514.666.436 37.029.305 8(ii): Line Charge Revenues (\$000) by Price Component Line charge revenues by price con Price compo Capacity xcess dem Total transmission Total distribution Rate (eg, \$/day, \$/kWh, line charge \$/day \$/kVA/day \$/kVA/day \$/kVA/day \$/kVAr/day charge revenues Consumer group name or price Consumer type or types (eg, Standard or non-standard Total line charge revenue Notional revenue line charge by price in disclosure year foregone (if applicable) category code consumer group (specify) available) nponent as necessary \$20,300 \$14,210 \$1,246 \$19,054 \$6,09 \$39,24 \$121,821 \$130,801 \$8,980 \$91,56 \$32,246 \$22,572 \$1,380 \$1,627 \$3,007 \$2,105 \$2,295 \$1,607 \$341 \$1,745 \$2,844 \$1,321 \$7,399 \$5,179 \$2,22 \$9,646 \$6,753 \$2,892 \$1,295 \$1,963 \$5,484 \$347 \$1,955 \$3,107 Add extra rows for additional consumer groups or price category codes as necessar \$148,966.00 Standard consumer totals Non-standard consumer totals Total for all consume \$64,250.00 8(iii): Number of ICPs directly billed Check Number of directly billed ICPs at year end

Company Name	Vector Ltd
For Year Ended	31 March 2013
Network / Sub-network Name	Vector Network

SCHEDULE 9a: ASSET REGISTER

This schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

ch	ro	f

					Items at start of	Items at end of		Data accuracy
8	Voltage	Asset category	Asset class	Units	year (quantity)	year (quantity)	Net change	1-4
9	All	Overhead Line	Concrete poles / steel structure	No.	108,050	108,308	258	3
10	All	Overhead Line	Wood poles	No.	8,703	8,353	(350)	3
11	All	Overhead Line	Other pole types	No.	-	1	1	4
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	380	380	(0)	3
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	26	26	(0)	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	290	294	4	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	152	151	(0)	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	5	5	-	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	61	56	(5)	4
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	30	30	0	4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	17	17	=	4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	=	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	14	14	-	4
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	98	98	-	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	7	7	-	4
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	63	63	-	4
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	6	6	-	4
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	236	233	(3)	3
29	HV	Zone substation switchgear	33kV RMU	No.	8	8	=	3
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	172	201	29	3
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	211	210	(1)	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	1,312	1,320	8	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.			-	N/A
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	205	206	1	3
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	3,843	3,836	(7)	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-		-	N/A N/A
37	HV	Distribution Line	SWER conductor	km	4.000		-	
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	1,082	1,120	38	4
39	HV	Distribution Cable	Distribution UG PILC	km	2,285	2,280	(4)	4
40	HV	Distribution Cable	Distribution Submarine Cable	km	178	176	0 (2)	3
41	HV HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	178	176	(2)	4
42		Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	8,490	8,601	111	3
43	HV HV	Distribution switchgear Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted) 3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	3,939	3,946	7	2
44	HV	Distribution switchgear Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except kMU 3.3/6.6/11/22kV RMU	No.	5,749	5,882	133	2
45	HV	Distribution Switchgear Distribution Transformer	Pole Mounted Transformer	No.	7,613	7,750	137	3
45	HV	Distribution Transformer Distribution Transformer	Ground Mounted Transformer	No.	13.015	13.328	313	3
48	HV	Distribution Transformer	Voltage regulators	No.	13,015	13,328	(1)	3
48	HV	Distribution Transformer Distribution Substations	Ground Mounted Substation Housing	No.	12,024	12,124	100	3
50	LV	LV Line	LV OH Conductor	km	4,195	4,189	(6)	3
51	LV	LV Cable	LV UG Cable	km	5,370	5,439	70	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	3,370	364	70	4
53	LV	Connections	OH/UG consumer service connections	No.	534,713	538,011	3,298	3
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	3,092	3,209	117	2
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	184	194	10	2
56	All	Capacitor Banks	Capacitors including controls	No.	27	28	10	4
57	All	Load Control	Centralised plant	Lot	5	5	1	4
58	All	Load Control	Relays	No.	_			N/A
59	All	Civils	Cable Tunnels	km	10	10	(0)	4
					10	10	(0)	

SCHEDULE 9a: ASSET REGISTER

This schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

r	h	ro	f

scn rej								
8	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy 1–4
9	All	Overhead Line	Concrete poles / steel structure	No.	45,771	45,921	150	3
10	All	Overhead Line	Wood poles	No.	5,955	5,646	(309)	3
11	All	Overhead Line	Other pole types	No.	-	-	-	N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	49	49	0	3
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	_	-	N/A
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	161	164	3	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	149	149	(0)	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	5	5	-	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	60	55	(4)	4
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	30	30	0	4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	17	17	-	4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	13	13	-	4
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	49	49	-	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	5	5	-	4
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	63	63	-	4
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	=	-	N/A
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	_	-	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	_	-	N/A
29	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	N/A
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	109	115	6	3
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	5	5	-	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	867	859	(8)	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	N/A
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	125	125	-	3
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	921	917	(4)	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
37	HV	Distribution Line	SWER conductor	km	-	-	-	N/A
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	454	473	19	4
39	HV	Distribution Cable	Distribution UG PILC	km	1,650	1,646	(4)	4
40	HV	Distribution Cable	Distribution Submarine Cable	km	2	2	0	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	39	39	-	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	113	113	-	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1,809	1,879	70	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	3,176	3,180	4	2
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	4,390	4,489	99	2
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	2,095	2,137	42	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	6,184	6,372	188	3
48	HV	Distribution Transformer	Voltage regulators	No.	6	5	(1)	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	5,907	5,963	56	3
50	LV	LV Line	LV OH Conductor	km	2,026	2,018	(8)	3
51	LV	LV Cable	LV UG Cable	km	3,340	3,368	28	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	227	227	-	4
53	LV	Connections	OH/UG consumer service connections	No.	323,994	325,745	1,751	3
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	1,744	1,777	33	2
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	105	111	6	2
56	All	Capacitor Banks	Capacitors including controls	No	26	26	-	4
57	All	Load Control	Centralised plant	Lot	5	5	-	4
58	All	Load Control	Relays	No	-	-	-	N/A
59	All	Civils	Cable Tunnels	km	10	10	(0)	4

Company Name
For Year Ended
Network / Sub-network Name
Vector Ltd
31 March 2013
Northern Network

SCHEDULE 9a: ASSET REGISTER

This schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

r	h	r	o	f	

					Items at start of	Items at end of		Data accuracy
8	Voltage	Asset category	Asset class	Units	year (quantity)	year (quantity)	Net change	1-4
9	All	Overhead Line	Concrete poles / steel structure	No.	62,279	62,387	108	3
10	All	Overhead Line	Wood poles	No.	2,748	2,707	(41)	3
11	All	Overhead Line	Other pole types	No.	-	1	1	4
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	331	331	(0)	3
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	26	26	(0)	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	129	130	1	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	3	3	(0)	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	1	1	(0)	4
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	0	0	4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	1	1	-	4
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	49	49	-	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	2	2	-	4
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	6	6	-	4
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.			-	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	236	233	(3)	3
29	HV	Zone substation switchgear	33kV RMU	No.	8	8	-	3
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	63	86	23	3
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	206	205	(1)	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	445	461	16	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	N/A 3
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	80	81	1	
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,922	2,919	(3)	3
36	HV HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A N/A
37		Distribution Line	SWER conductor	km	628	647	-	N/A 4
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km			19	
39	HV	Distribution Cable	Distribution UG PILC	km	635	634	(0)	4
40	HV HV	Distribution Cable	Distribution Submarine Cable	km	139	137	(2)	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	139	137	(2)	4
42 43	HV	Distribution switchgear Distribution switchgear	3.3/6.6/11/22kV CB (Indoor) 3.3/6.6/11/22kV Switches and fuses (pole mounted)	No. No.	6,681	6,722	41	3
43	HV	Distribution switchgear Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted) 3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	763	766	3	2
45	HV	Distribution switchgear Distribution switchgear	3.3/6.6/11/22kV SWItch (ground mounted) - except kivio 3.3/6.6/11/22kV RMU	No.	1,359	1,393	34	2
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	5,518	5,613	95	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	6.831	6.956	125	3
48	HV	Distribution Transformer	Voltage regulators	No.	7	7	123	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	6,117	6,161	44	3
50	LV	LV Line	LV OH Conductor	km	2,169	2,171	2	3
51	LV	LV Cable	LV UG Cable	km	2,029	2,071	42	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	137	137	42	4
53	LV	Connections	OH/UG consumer service connections	No.	210,719	212,266	1.547	3
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	1,348	1,432	84	2
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	79	83	4	2
56	All	Capacitor Banks	Capacitors including controls	No	1	2	1	4
57	All	Load Control	Centralised plant	Lot		_		N/A
58	All	Load Control	Relays	No	-	-	-	N/A
59	All	Civils	Cable Tunnels	km	-	-		N/A

Company Name	Vector Ltd
For Year Ended	31 March 2013
Network / Sub-network Name	Vector Network

SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit length

		ires a summary of the age profile (base	ed on year of installation) of the assets that make up the network, by asset cat	egory and a	isset class. All units rel	ating to cab	le and line a	ssets, that	are expres	sed in km, refer to	circuit len	gths.													
sch r	f	Disclosure Year (year ended)	31 March 2013]						Nur	mber of ass	ets at disclos	ure vear end	by installati	on date										
		Disciosare rear (year endea)	31 Milet 2013	1									are year end	2 ,	on date								No. with	Total No. with	
9	Voltage	Asset category	Asset class	Units	1940 pre-1940 –1949	1950 -1959	1960 -1969	1970 -1979	1980 -1989	1990 -1999 200	0 200	1 2002	2003	2004	2005	2006	2007	2008	2009	2010 201	1 2012	2013	Age unknown	assets at default year end dates	
10	All	Overhead Line	Concrete poles / steel structure	No.	13 395	6,372	18,565	18,360	16,767			732 9:	_		1,251	1,972	2,367		2,019	1,480 1,	545 1,665	1,969	16,489	108,308	3
11	All	Overhead Line	Wood poles	No.	21	251	775	677	768	1,215	276	74	73 123	115	125	112	125	119	41	62	17 31	37	3,316	8,353	2
12	All	Overhead Line	Other pole types	No.																		1	-	1	4
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	14	18	70	157	85	26			3 1		0	0	0	0	4	0	2	0	0	380.491	4
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km				26													0			26.480	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km		0		18	15	52	59	3 2	23 10	4	7	13	22	20	13	18	2 10	3	2	293.879	3
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km			42	81	23	4		0	0	- 0		0	0	0		0	0		1	151.449	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km			5	0															0	5.444	3
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	7 5	12	15	4	2	1	0				0	0		0					10	56.484	3
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km						9	-	1	19		1			0			2	0	0	30.392	4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km			12		5	0	0												0	16.854	4
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km																				-	N/A
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km			İ								ĺ	ĺ								-	N/A
23	HV	Subtransmission Cable	Subtransmission submarine cable	km			0	7	6	0						j								13.597	4
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.		1	17	13	12	4		1	1				1	2	2	3	3 1		37	98	3
25	HV	Zone substation Buildings	Zone substations 110kV+	No.				1			İ												6	7	3
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.						62													1	63	3
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.						4													2	6	2
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.																				_	N/A
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.		42	117	56	8									5	3				2	233	3
30	HV	Zone substation switchgear	33kV RMU	No.										8										8	4
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.			14	18	5	43		-	0 4	. 3		24	5	6	6	9	16 6	29	3	201	3
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.		5	40	40	34	4		5		4	2	27	1	8	26	4	6	1	3	210	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.		28	199	238	293	121	37	17	2 14		10	23	25	56	52	37	81 41	45	1	1,320	4
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.																				-	N/A
45	HV	Zone Substation Transformer	Zone Substation Transformers	No.		1	36	48	40	25	6	10	3 2	1	1	2	5	4	2	3	11 5	1		206	4
46	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1 10	214	507	942	1.428		99	21 1	5 31	20	14	14	14	20	14	6	9 9	7	30	3.836.301	3
47	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km					-,		-													-	N/A
48	HV	Distribution Line	SWER conductor	km																				_	N/A
49	HV	Distribution Cable	Distribution UG XLPE or PVC	km	0	0	0	22	39	152	52	54	36 54	92	85	82	79	87	71	56	65 43	34	16	1.120	3
50	HV	Distribution Cable	Distribution UG PILC	km	6 4	34	199	598	658		48	15	3 3	3	1	1	0	0	0	0	0 0	0	161	2,280	3
51	HV	Distribution Cable	Distribution Submarine Cable	km		6	0	1	050	1	10	10			-	-							0	8.131	4
52	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.						22	5	5	2 5	5		20	36	43	11	1	8 7	6		176	4
53	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.			1	29	13	26	9	1	5 2	1	4	7	5	5	6				11	125	3
54	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1	6	294	1.269	2.124	1.682	266	187 17	71 200	229	204	235	301	363	241	153	140 183	275	77	8.601	4
55	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	-	4	476	1,240	823			80			86	61	47	44	//9	77	76 38	18	17	3,946	2
56	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.		2	304	1,169	1.464		137	95 13	19 192	175	202	134	115	84	133	158	130 109	141	145	5,882	2
57	HV	Distribution Transformer	Pole Mounted Transformer	No.		4	149	504	1.733			195 23	_		220	277	239	296	281		162 250	143	9	7.750	4
58	HV	Distribution Transformer	Ground Mounted Transformer	No.		3	138	1.623	3 081			404 33			451	458	413	392	316	302	345 272	318	12	13,328	4
59	HV	Distribution Transformer	Voltage regulators	No.		,	150	1,023	3,001	3,313	3/1	707 3.	1	3	1	450	713	1	310	302	1 2	2	12	12	4
60	HV	Distribution Substations	Ground Mounted Substation Housing	No.	11 63	183	1.317	3.101	3 551	2.143	195	236 13	28 142	203	128	121	85	72	58	49	52 56	100	130	12,124	3
61	LV	LV Line	LV OH Conductor	km	1 21	191	497	880	1,939	-/0	112	7 1			18	16	15	12	12	7	13 12	100	63	4.189	3
62	LV	LV Cable	LV UG Cable	km	3 20	42	377	947	907		153	126			162	129	103	100	86	71	68 43	51	413	5,439	3
62	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	20	7	10	27	307	70	9	8	6 0	104	102	10	11	1//	15	11	16 7	31	67	364	3
64	LV	Connections	OH/UG consumer service connections	No.	3 1	68	100	35.358	306.326	92.305 6.	243 4,	623 4,24	10 9.722	12.044	12,183	12.094	8.138	7.495	5.822	5.700 5.	390 5.187	4,965	1	538.011	3
65	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	J 1	6	282	502				89 4,24			76	154	206	262	270	134	57 86	4,963	15	3,209	2
66	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot		0	202	302	440	301	رد	37	- 22	38	16	154	200	202	1/1	20	1/ 20	10	12	194	2
67	All	Capacitor Banks	Capacitors including controls	No						22	2		-		10	23	23	30	14	1	17 39	10	3	28	4
60	All	Load Control	Centralised plant	Lot					2	22			-				-			1	1			5	2
60	All	Load Control	Relays	No					2	3			-				-							3	N/A
70	All			km							0	-	-	1	0			-					4	10	N/A
70	All	Civils	Cable Tunnels	KIII							3				0								1	10	4

Company Name	Vector Ltd
For Year Ended	31 March 2013
Network / Sub-network Name	Southern Network

SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch rej		, , , , , , , , , , , , , , , , , , , ,	ed on year of installation) of the assets that make up the network, by asset cate	.0. /				,		, ,		0																
		Disclosure Year (year ended)	31 March 2013								Number	of assets at	t disclosu	re year end	by installation	n date												
					1940	1950	1960	1970	1980	1990																No. with Age	Total No. with assets at default	n Data accuracy
9	Voltage	Asset category	Asset class	Units	pre-1940 -1949	-1959	-1969	-1979	-1989	-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		unknown	year end dates	(1-4)
10	All	Overhead Line	Concrete poles / steel structure	No.	4	182	5,693	1,057	3,024	4,682	391	481	613	740	456	916	1,632	1,877	1,510	1,490	1,106	1,253	1,233	1,187		16,394	45,921	3
11	All	Overhead Line	Wood poles	No.			459	121	138	743	263	66	41	73	66	71	51	86	82	26	38	11	12	17		3,282	5,646	2
12	All	Overhead Line	Other pole types	No.																							-	N/A
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km				45					3	1					0	1						0	49	4
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km																								N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km					2	32	49	1	22	. 5	1	0	5	12	0	7	14	0	9	2		1	164	3
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km			41	79	23	4		0	0		0		0	0	0		0		0			1	149	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km			5	0																		0	5	3
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	7 5	12	15	3	2	1	0					0	0		0							10	55	3
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km						9			19			1			0			2				0	30	4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km			12		5	0	0															0	17	4
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km km	 	-				-				 							-						-	N/A N/A
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)		 	-		_		-				 							-						- 42	· · · · · · · · · · · · · · · · · · ·
23	HV HV	Subtransmission Cable	Subtransmission submarine cable	km No.		-	_	7	6	-		+		1	 	+					-	_				20	13 49	3
24		Zone substation Buildings	Zone substations up to 66kV			-	5	2								-		1				1				36	49	3
25	HV HV	Zone substation Buildings	Zone substations 110kV+	No. No.						62																5	63	3
26		Zone substation switchgear	50/66/110kV CB (Indoor)	No.						62																1	63	N/A
28	HV HV	Zone substation switchgear	50/66/110kV CB (Outdoor) 33kV Switch (Ground Mounted)	No.																						_		N/A N/A
28	HV	Zone substation switchgear	,	No.																						_	_	N/A N/A
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted) 33kV RMU	No.																						_		N/A N/A
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.			14	18	-	43			10					2		1	0	1	-	-			115	N/A 3
22	HV	Zone substation switchgear Zone substation switchgear	22/33kV CB (Illubor) 22/33kV CB (Outdoor)	No.			14	10	1	43		+	10					1	-	1	9	1	· ·	0		2	115	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.		11	153	142	217	97	37	11				2	7	24	26	22	15	40	20	16		1	859	4
21	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.		11	133	142	217	67	37	11				3	,	24	30	22	15	40	29	10			839	N/A
<i>1</i> =	HV	Zone Substation Transformer	Zone Substation Transformers	No.			19	33	18	16	6	0	2	1		1		2	1		2		4				125	4
45	HV	Distribution Line	Distribution OH Open Wire Conductor	km	0		19	66		20	89	2	2	10	2	1	4	7	11	5	3	- 0	- 4	1		21	917	4
40	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	0		U	00	030	30	09	2		10	2	4	4	,	11	3	4	4	3	4		21	917	N/A
10	HV	Distribution Line	SWER conductor	km								+							-							<u> </u>		N/A
19	HV	Distribution Cable	Distribution UG XLPE or PVC	km			0	10	10	19	Q	21	15	27	51	29	50	47	30	33	29	/12	20	18		13	473	3
50	HV	Distribution Cable	Distribution UG PILC	km	6 3	34	182	483	402		28		3	1	0	0	0	0	0	0	0	72	0	0		157	1.646	3
51	HV	Distribution Cable	Distribution Submarine Cable	km	0 3	34	102	1	402	1	20	12		-		U			U				U	-		157	2	4
52	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.						1				2			11	11	8	2	1	1	1	1			39	4
53	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.			1	29	13	26	9	1	5	1	1	4	2	4	2	6			_	_		q	113	3
54	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1		4	42	589	206	109	63	48	68	48	56	48	111	92	57	35	53	74	124		51	1.879	4
55	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.		4	476	1.239	698	274	41	54	30	33	44	50	38	26	28	22	39	49	18	11		6	3,180	2
56	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.		2	304	1,159	1,266	556	71		67	124		151	96	71	56	63	64	92	67	103		7	4,489	2
57	HV	Distribution Transformer	Pole Mounted Transformer	No.		2	75	241	384	353	145	36	93	78	49	57	49	66	97	129	63	69	99	44		8	2,137	4
58	HV	Distribution Transformer	Ground Mounted Transformer	No.		2	95	1,103	1,593	1,483	135	167	124	140	151	162	179	175	169	137	102	132	120	192		11	6,372	4
59	HV	Distribution Transformer	Voltage regulators	No.						1					3							1					5	4
60	HV	Distribution Substations	Ground Mounted Substation Housing	No.	1	1	177	1,473	2,234	1,175	90	106	59	61	73	61	54	59	40	40	15	29	31	56		128	5,963	3
61	LV	LV Line	LV OH Conductor	km	0		3	249	1,439	92	110	5	6	12	5	7	5	7	5	6	3	5	7	5		49	2,018	3
62	LV	LV Cable	LV UG Cable	km	2 17	32	177	532	637	769	57	71	39	78	117	62	80	56	52	56	41	45	23	27		399	3,368	3
63	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	2 0	5	9	15	11	35	3	5	4	7	10	7	8	8	11	6	4	7	4			65	227	3
64	LV	Connections	OH/UG consumer service connections	No.	3 1	1	97	6,853	260,679	2,466	648	500	621	5,365	7,361	7,857	8,630	4,926	4,199	3,539	3,227	3,156	2,999	2,613		4	325,745	3
65	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.		6	228	229	241	244	29	87	2	10		18	101	86	120	202	53	23	54	33		11	1,777	2
66	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot												11	15	9	22	6	15	6	18	6		3	111	2
67	All	Capacitor Banks	Capacitors including controls	No						22	2										1		1				26	4
68	All	Load Control	Centralised plant	Lot					2	3																	5	3
69	All	Load Control	Relays	No																							-	N/A
70	All	Civils	Cable Tunnels	km							9	Ī				0							0			1	10	4
														•											•	_		

Company Name	Vector Ltd
For Year Ended	31 March 2013
Network / Sub-network Name	Northern Network

SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

Substance Subs	No. with Age unknown Total assets at unknown No. with default default of detail dates Data accurate (1-4) 95 62,387 3 3 34 2,707 2 1 4 4 0 331 4 26 4 1 130 3 3 4 N/A N/A
5 10 10 10 10 10 10 11	Age unknown assets at very ear end unknown default dates Data accurate (1-4) 95 62,387 3 34 2,707 2 1 4 0 331 4 26 4 1 130 3 3 4
Marchage Marchage	unknown year end dates (1-4) 95 62,387 3 34 2,707 2 1 4 0 331 4 26 4 1 130 3 3 4
Overhead line	95 62,387 3 34 2,707 2 1 4 4 0 331 4 26 4 1 130 3 3 4
All Contract Line Woodpoiles No.	1 4 0 331 4 26 4 1 130 3 3 4
All Owners Other pole O	1 4 0 331 4 26 4 1 130 3 3 4
March Subtransmission From Subtransmiss	26 4 1 130 3 3 4
Mathematics Mathematics	1 130 3 3 4
Mode Mode	1 130 3 3 4
March Marc	
17 18 17 18 18 18 18 18	- N/A
My Subtransmission Cable Subtransmission Using to 66M/PINC) Mm	
Subtrammission Cable Subtrammission US 1104V- (Pal presurised) km	1 3
No.	0 4
No.	- N/A
No.	- N/A
23 HV Subtransmission Cable Subtransmission submarine cable Km No. 1 12 11 10 4 1 1 1 1 1 1 1 1 1	- N/A
26 HV Zone substation Buildings Zone substations 10 feW No.	1 4
26 HV Zone substation Sulfdings Zone substation S110kV+ No.	1 49 3
No. No.	1 2 3
27 HV Zone substation switchgear 33kV Switch (Ground Mounted) No.	- N/A
28 HV Zone substation switchgear 33kV Switch (Ground Mounted) No.	2 6 2
29 HV Zone substation switchgear 33kV Switch (Pole Mounted) No.	- N/A
No. No.	2 233 3
1	8 4
32 HV Zone substation switchgear 22/33kV CB (Outdoor) No. 5 40 39 33 4 5 5 4 2 27 8 8 26 4 6 1 1 2 2 2 2 2 2 3 3 2 2 3 3 12 2 9 2 2 3 3 2 2 3 3 1 2 2 9 2 3 3 2 2 3 3 1 2 2 9 2 3 3 2 2 3 3 3 1 2 2 9 2 3 3 2 3 3 3 3 4 3 5 5 3 9 4 8 5 5 8 4 9 8 9 8 9 8 9 8 9 8 9 8 9 9 9 9 9 9	3 86 3
33 HV Zone substation switchgear 3.3/6.6/11/22kV CB (ground mounted) No. 17 46 96 76 34 6 2 14 7 16 1 20 30 22 33 12 29 34 HV Zone substation switchgear 3.3/6.6/11/22kV CB (pole mounted) No. No. 1 1 17 15 22 9 1 1 1 1 1 2 2 2 3 2 3 2 3 1 1 1 45 HV Zone Substation Transformer Zone Substation Transformers No. 1 1 17 15 22 9 1 1 1 1 1 2 2 2 3 3 2 3 1 1 1 46 HV Distribution Line Distribution OH Open Wire Conductor km 1 10 214 506 876 792 375 10 18 13 21 18 9 10 7 8 8 8 2 5 4 2 47 HV Distribution Line SWER conductor km 0 0 0 0 12 29 133 42 33 20 26 41 56 32 33 57 39 28 24 23 16	1 205 3
34 HV Zone substation switchgear 3.3/6.6/11/22kV CB (pole mounted) No. Image: Control of the control of the	461 4
45 HV Zone Substation Transformer Zone Substation Transformer Zone Substation Transformer Substation Transformer Zone Substation Zone Substation Z	- N/A
46 HV Distribution Line Distribution OH Open Wire Conductor km 1 10 214 506 876 792 375 10 18 13 21 18 9 10 7 8 8 2 5 4 2 47 HV Distribution Line Distribution OH Aerial Cable Conductor km 0 0 0 0 12 29 133 42 33 20 26 41 56 32 33 57 39 28 24 23 16	81 4
47 HV Distribution Line Distribution OH Aerial Cable Conductor km Image: Conductor of the conductor of	9 2,919 3
48 HV Distribution Line SWER conductor km Image: Control of the control of the	- N/A
49 HV Distribution Cable Distribution UG XLPE or PVC km 0 0 0 12 29 133 42 33 20 26 41 56 32 33 57 39 28 24 23 16	- N/A
	3 647 3
	4 634 3
51 HV Distribution Cable Distribution Submarine Cable km 6 0 0 0	0 7 4
52 NV Distribution switchager 3.3/6.6/11/22kV Clip (pole mounted) - reclosers and sectionalisers No. 21 5 5 2 3 5 9 25 35 9 7 6 5	137 4
53 HV Distribution switchgear 3.3/6.6/11/22kV CB (Indoor) No. 1 5 1 3	2 12 3
	26 6,722 4
	11 766 2
55 HV Distribution switchgear 3.3/6.6/11/22kV Switch (ground mounted) - except RMU No. 1 125 244 39 26 44 26 35 36 23 21 16 27 38 27 20 7 10 19 19 19 10 19 19 10 19 10 19 10 19 10 19 10 19 10 19 10 19 10 19 10 19 10 10 10 10 10 10 10 10 10 10 10 10 10	138 1,393 2
57 HV Distribution Transformer Pole Mounted Transformer No. 2 74 263 1,349 1,733 160 159 146 149 167 163 228 173 199 152 152 93 151 99	1 5,613 4
58 HV Distribution Transformer Ground Mounted Transformer No. 1 43 520 1,488 1,830 236 237 210 194 297 289 279 238 223 179 200 213 152 126	1 6,956 4
1 43 520 1,488 1,830 236 237 210 194 297 289 279 238 223 179 200 213 152 126	7 4
	2 6,161 3
	15 2,171 3
	14 2,071 3 2 137 3
to the training to the trainin	212,266 3
	1 2,132
3 10 14 0 0 3 0 12 4	05 2
67 All Capacitor Banks Capacitors including controls No 2	2 4
68 All Load Control Centralised plant Lot	- N/A
69 All Load Control Relays No De De Load Control Relays	- N/A
70 All Civils Cable Tunnels km	- N/A

Company Name Vector For Year Ended 31 March 2013 Vector Network / Sub-network Name SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths. sch ref Total circuit Overhead (km) Underground (km) length (km) 10 Circuit length by operating voltage (at year end) 11 > 66kV 26 47 74 12 50kV & 66kV 33kV 13 378 394 772 SWER (all SWER voltages) 15 22kV (other than SWER) 159 162 16 6.6kV to 11kV (inclusive—other than SWER) 3,836 Low voltage (< 1kV) 4,189 5,440 17 9,629 8,432 9,417 18 Total circuit length (for supply) 17.849 19 Dedicated street lighting circuit length (km) 347 20 364 21 Circuit in sensitive areas (conservation areas, iwi territory etc) (km) 22 (% of total 23 Overhead circuit length by terrain (at year end) Circuit length (km) overhead length) Urban 4,160 49% 25 4.272 51% Rural 26 Remote only 27 Rugged only 28 Remote and rugged 29 Unallocated overhead lines 8,432 100% 30 Total overhead length 31 (% of total circuit 32 Circuit length (km) length) Length of circuit within 10km of coastline or geothermal areas (where known) 33 (% of total 34 Circuit length (km) overhead length) 35 Overhead circuit requiring vegetation management 14%

Vector Company Name 31 March 2013 For Year Ended Southern Network / Sub-network Name SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths. sch ref Total circuit Circuit length by operating voltage (at year end) Overhead (km) Underground (km) length (km) > 66kV 47 11 50kV & 66kV 33kV 304 13 14 SWER (all SWER voltages) 15 22kV (other than SWER) 159 162 16 6.6kV to 11kV (inclusive—other than SWER) 917 2,068 2,985 17 Low voltage (< 1kV) 5,438 2,984 5,950 8,935 18 Total circuit length (for supply) 19 20 Dedicated street lighting circuit length (km) 227 Circuit in sensitive areas (conservation areas, iwi territory etc) (km) 21 22 (% of total 23 Overhead circuit length by terrain (at year end) Circuit length (km) overhead length) 24 Urban 2,485 83% Rural 499 25 17% 26 Remote only 27 Rugged only 28 Remote and rugged 29 Unallocated overhead lines 2.984 100% 30 **Total overhead length** 31 (% of total circuit 32 Circuit length (km) length) Length of circuit within 10km of coastline or geothermal areas (where known) 8,935 100% 33

34

35

Overhead circuit requiring vegetation management

(% of total

4%

Circuit length (km) overhead length)

127

Company Name Vector For Year Ended 31 March 2013 Northern Network / Sub-network Name SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths. sch ref Total circuit Overhead (km) Underground (km) 10 Circuit length by operating voltage (at year end) length (km) 11 > 66kV 26 26 12 50kV & 66kV 33kV 13 331 136 468 SWER (all SWER voltages) 15 22kV (other than SWER) 16 6.6kV to 11kV (inclusive—other than SWER) 4,229 Low voltage (< 1kV) 17 2,171 4,191 8,914 Total circuit length (for supply) 5.448 18 3.466 19 Dedicated street lighting circuit length (km) 12 125 20 137 21 Circuit in sensitive areas (conservation areas, iwi territory etc) (km) 22 (% of total 23 Overhead circuit length by terrain (at year end) Circuit length (km) overhead length) Urban 1,675 31% 25 3.773 69% Rural 26 Remote only 27 Rugged only 28 Remote and rugged 29 Unallocated overhead lines 5.448 100% 30 Total overhead length 31 (% of total circuit 32 Circuit length (km) length) Length of circuit within 10km of coastline or geothermal areas (where known) 33 (% of total 34 Circuit length (km) overhead length) 35 Overhead circuit requiring vegetation management 1,048 19%

Company Name For Year Ended 31 March 3 SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another embedded network.	
SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another embedded network.	2013
This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another embedded network.	
This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another embedded network.	
This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another embedded network.	
sch raf	
3011101	
	e charge revenue
8 Location* served	(\$000)
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19 20	
21	
22	
23	
24	
25	
* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB's network of	or in another
26 embedded network	

36 S9d.Embedded Networks

	Company Name	Vector
	For Year Ended	31 March 2013
	Network / Sub-network Name	Vector
SCL	HEDULE 9e: REPORT ON NETWORK DEMAND	
	chedule requires a summary of the key measures of network utilisation for the disclosure year (number of new	, connections including
	criedule requires a summary of the key measures of network utilisation for the disclosure year (number of new outed generation, peak demand and electricity volumes conveyed).	Connections including
ch ref		
8	9e(i): Consumer Connections	
9	Number of ICPs connected in year by consumer type	
		Number of
10	Consumer types defined by EDB*	connections (ICPs)
11	Residential	1,811
12	Commercial	3,419
13	[EDB consumer type]	
14 15	[EDB consumer type] [EDB consumer type]	
16	* include additional rows if needed	
17	Connections total	5,230
18		
19	Distributed generation	
20	Number of connections made in year	92 <mark>connections</mark>
21	Capacity of distributed generation installed in year	0.34 MVA
22	9e(ii): System Demand	
23	Je(ii). System Demand	
24		Demand at time
		of maximum
25	Maximum caincident system domand	coincident
25	Maximum coincident system demand GXP demand	demand (MW)
26 27	plus Distributed generation output at HV and above	1,698
28	Maximum coincident system demand	1,711
29	less Net transfers to (from) other EDBs at HV and above	-
30	Demand on system for supply to consumers' connection points	1,711
		Energy (GWh) Energy (GWh)
31	Electricity volumes carried	Eliciby (Gavil)
32	Electricity supplied from GXPs	8,585
33	less Electricity exports to GXPs	-
34	plus Electricity supplied from distributed generation	105
35	less Net electricity supplied to (from) other EDBs Electricity entering system for supply to consumers' connection points	8,690
36 37	less Total energy delivered to ICPs	8,381
38	Electricity losses (loss ratio)	308 3.6%
39		
40	Load factor	0.58
	- (m) - (
41	9e(iii): Transformer Capacity	
42		(MVA)
43	Distribution transformer capacity (EDB owned)	4,012
44	Distribution transformer capacity (Non-EDB owned)	499
45	Total distribution transformer capacity	4,511
46	Zono substation transformer conscitu	4 170
47	Zone substation transformer capacity	4,178

	Company Name	Vector
	For Year Ended	31 March 2013
	Network / Sub-network Name	Southern
CCI	· · · · · · · · · · · · · · · · · · ·	Journali
This s	HEDULE 9e: REPORT ON NETWORK DEMAND chedule requires a summary of the key measures of network utilisation for the disclosure year (number of neouted generation, peak demand and electricity volumes conveyed).	w connections including
lirej		
8	9e(i): Consumer Connections	
9	Number of ICPs connected in year by consumer type	
		Number of connections (ICPs)
10	Consumer types defined by EDB*	
11	Residential	1,147
12	Commercial	1,634
13	[EDB consumer type]	
14	[EDB consumer type]	
15	[EDB consumer type]	
16	* include additional rows if needed	
17	Connections total	2,781
18	Distributed concretion	
19	Distributed generation	
20	Number of connections made in year	41 connections
21	Capacity of distributed generation installed in year	0.14 MVA
22	9e(ii): System Demand	
23	Jelin, Gystein Demana	
24		Demand at time
		of maximum
		coincident
25	Maximum coincident system demand	demand (MW)
26	GXP demand	1,111
27	plus Distributed generation output at HV and above	4
28	Maximum coincident system demand	1,115
29	less Net transfers to (from) other EDBs at HV and above	-
30	Demand on system for supply to consumers' connection points	1,115
		France (CM/h) France (CM/h)
31	Electricity volumes carried	Energy (GWh) Energy (GWh)
32	Electricity supplied from GXPs	5,927
33	less Electricity exports to GXPs	-
34	plus Electricity supplied from distributed generation	30
35	less Net electricity supplied to (from) other EDBs	-
36	Electricity entering system for supply to consumers' connection points	5,958
37	less Total energy delivered to ICPs	5,770
38	Electricity losses (loss ratio)	188 3.2%
39		
40	Load factor	0.61
41	9e(iii): Transformer Capacity	
42		(MVA)
43	Distribution transformer capacity (EDB owned)	2,567
44	Distribution transformer capacity (Non-EDB owned)	435
45	Total distribution transformer capacity	3,002
46		
47	Zone substation transformer capacity	2,797
	Lone substation transformer capacity	4,131

	Company Name	Vector
	For Year Ended	31 March 2013
	Network / Sub-network Name	Northern
SCI		
	HEDULE 9e: REPORT ON NETWORK DEMAND	
	chedule requires a summary of the key measures of network utilisation for the disclosure year (number of new outed generation, peak demand and electricity volumes conveyed).	connections including
4.50.11	sacca generation, pean demand and creation, produces conveyed,	
ch ref		
8	9e(i): Consumer Connections	
9	Number of ICPs connected in year by consumer type	
		Number of
10	Consumer types defined by EDB*	connections (ICPs)
11	Residential	664
12	Commercial	1,785
13	[EDB consumer type]	
14	[EDB consumer type]	
15 16	[EDB consumer type] * include additional rows if peeded	
16 17	* include additional rows if needed Connections total	2,449
18	Connections total	2,443
19	Distributed generation	
20	Number of connections made in year	51 connections
21	Capacity of distributed generation installed in year	0.20 MVA
	- (1)	
22	9e(ii): System Demand	
23 24		
24		Demand at time of maximum
		coincident
25	Maximum coincident system demand	demand (MW)
26	GXP demand	583
27	plus Distributed generation output at HV and above	8
28	Maximum coincident system demand	591
29	less Net transfers to (from) other EDBs at HV and above	-
30	Demand on system for supply to consumers' connection points	591
21	Electricity volumes carried	Energy (GWh) Energy (GWh)
31	•	2.650
32 33	Electricity supplied from GXPs less Electricity exports to GXPs	2,658
34	plus Electricity supplied from distributed generation	74
35	less Net electricity supplied to (from) other EDBs	-
36	Electricity entering system for supply to consumers' connection points	2,732
37	less Total energy delivered to ICPs	2,612
38	Electricity losses (loss ratio)	120 4.4%
39		
40	Load factor	0.53
11	Poliii): Transformer Canacity	
41	9e(iii): Transformer Capacity	(5.5)(5)
42	Distribution to a second (CDD and CD	(MVA)
43	Distribution transformer capacity (EDB owned)	1,445
44 45	Distribution transformer capacity (Non-EDB owned) Total distribution transformer capacity	1,509
46	. Star distribution transformer capacity	1,505
47	Zone substation transformer capacity	1,381
47	Lone substation transformer capacity	1,301

Vector Company Name 31 March 2013 For Year Ended Network / Sub-network Name Vector **SCHEDULE 10: REPORT ON NETWORK RELIABILITY** This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI 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 ref 10(i): Interruptions Number of Interruptions by class interruptions 10 Class A (planned interruptions by Transpower) 11 Class B (planned interruptions on the network) 998 12 Class C (unplanned interruptions on the network) 13 Class D (unplanned interruptions by Transpower) Class E (unplanned interruptions of EDB owned generation) 14 15 Class F (unplanned interruptions of generation owned by others) 16 Class G (unplanned interruptions caused by another disclosing entity) 17 Class H (planned interruptions caused by another disclosing entity) 18 Class I (interruptions caused by parties not included above) 19 Total 2,150 20 ≤3Hrs >3hrs Interruption restoration 21 22 Class C interruptions restored within 724 420 23 24 SAIFI and SAIDI by class 25 Class A (planned interruptions by Transpower) Class B (planned interruptions on the network) 26 0.14 27 Class C (unplanned interruptions on the network) 28 Class D (unplanned interruptions by Transpower) 29 Class E (unplanned interruptions of EDB owned generation) 30 Class F (unplanned interruptions of generation owned by others) 31 Class G (unplanned interruptions caused by another disclosing entity) 32 Class H (planned interruptions caused by another disclosing entity) 33 Class I (interruptions caused by parties not included above) 35 Normalised SAIFL and SAIDL Normalised SAIFI Normalised SAIDI 36 37 Classes B & C (interruptions on the network) 38 SAIFI reliability SAIDI reliability Quality path normalised reliability limit limit 39 limit 40 SAIFI and SAIDI limits applicable to disclosure year* 1.86 127.3 41 * not applicable to exempt EDBs 10(ii): Class C Interruptions and Duration by Cause 42 43 Cause 44 45 Lightning 0.01 0.6 46 Vegetation 0.11 47 Adverse weather 0.0 48 Adverse environment 49 Third party interference 50 Wildlife 0.0 51 Human error 0.03 0.1 52 Defective equipment 0.36 32.2 53 Cause unknown 10(iii): Class B Interruptions and Duration by Main Equipment Involved 62 63 Main equipment involved SAIFI 64 SAIDI 65 Subtransmission lines Subtransmission cables 66 67 Subtransmission other 68 Distribution lines (excluding LV) 69 Distribution cables (excluding LV) 0.01 Distribution other (excluding LV)

Vector Company Name 31 March 2013 For Year Ended Network / Sub-network Name Vector **SCHEDULE 10: REPORT ON NETWORK RELIABILITY** This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI 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. 10(iv): Class C Interruptions and Duration by Main Equipment Involved 71 72 73 Main equipment involved SAIFI SAIDI 74 Subtransmission lines 0.02 0.5 75 Subtransmission cables 0.01 0.2 76 Subtransmission other 0.12 6.9 77 Distribution lines (excluding LV) 32.0 0.34 78 Distribution cables (excluding LV) 0.12 10.6 79 Distribution other (excluding LV) 0.26 80 10(v): Fault Rate Fault rate (faults Main equipment involved Number of Faults Circuit length (km) per 100km) 81 82 Subtransmission lines 26 6.39 83 Subtransmission cables 12 2.11 Subtransmission other 45 84 85 Distribution lines (excluding LV) 464 3,836 12.09 86 Distribution cables (excluding LV) 87 Distribution other (excluding LV) 396

1,144

88

Total

Company Name Vector 31 March 2013 For Year Ended Network / Sub-network Name Southern **SCHEDULE 10: REPORT ON NETWORK RELIABILITY** This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI 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 10(i): Interruptions Number of Interruptions by class interruptions 10 Class A (planned interruptions by Transpower) 11 Class B (planned interruptions on the network) 12 Class C (unplanned interruptions on the network) 420 13 Class D (unplanned interruptions by Transpower) 14 Class E (unplanned interruptions of EDB owned generation) 15 Class F (unplanned interruptions of generation owned by others) 16 Class G (unplanned interruptions caused by another disclosing entity) 17 Class H (planned interruptions caused by another disclosing entity) 18 Class I (interruptions caused by parties not included above) 19 Total 20 21 Interruption restoration ≤3Hrs >3hrs 22 Class C interruptions restored within 300 129 23 SAIFI and SAIDI by class SAIFI 24 SAIDI 25 Class A (planned interruptions by Transpower) 26 Class B (planned interruptions on the network) 27 Class C (unplanned interruptions on the network) 0.60 49.2 28 Class D (unplanned interruptions by Transpower) 29 Class E (unplanned interruptions of EDB owned generation) 30 Class F (unplanned interruptions of generation owned by others) 31 Class G (unplanned interruptions caused by another disclosing entity) 32 Class H (planned interruptions caused by another disclosing entity) 33 Class I (interruptions caused by parties not included above) 34 Total 35 36 Normalised SAIFI and SAIDI Normalised SAIFI Normalised SAIDI 37 Classes B & C (interruptions on the network) 38 SAIFI reliability SAIDI reliability Quality path normalised reliability limit 40 SAIFI and SAIDI limits applicable to disclosure year* * not applicable to exempt EDBs 41 42 10(ii): Class C Interruptions and Duration by Cause 43 Cause 45 Lightning 0.01 46 Vegetation 0.06 47 Adverse weather 0.04 48 Adverse environment Third party interference 0.15 50 Wildlife Human error 51 0.00 0.0 52 Defective equipment 21.6 0.25 53 Cause unknown 62 10(iii): Class B Interruptions and Duration by Main Equipment Involved 63 Main equipment involved SAIFI 64 Subtransmission lines 65 66 Subtransmission cables 67 Subtransmission other 68 Distribution lines (excluding LV) 0.00 Distribution cables (excluding LV) 69

Distribution other (excluding LV)

		Company Name	Vector
		For Year Ended	31 March 2013
		Network / Sub-network Name	Southern
This so	IEDULE 10: REPORT ON NETWORK RELIABILITY chedule requires a summary of the key measures of network reliability (interrup lility for the disclosure year in Schedule 14 (Explanatory notes to templates). The o is subject to the assurance report required by section 2.8.	SAIFI and SAIDI information is part of audited disclosure information (as def	
71 72	10(iv): Class C Interruptions and Duration by Main Eq	uipment Involved	
73	Main equipment involved	SAIFI SAIDI	
74	Subtransmission lines	0.00 0.0	
75	Subtransmission cables	0.00 0.0	
76	Subtransmission other	0.04 4.3	
77	Distribution lines (excluding LV)	0.20 13.8	
78	Distribution cables (excluding LV)	0.15 13.3	
79	Distribution other (excluding LV)	0.20 17.7	
80	10(v): Fault Rate		
81	Main equipment involved	Number of Faults Circuit length (km)	Fault rate (faults per 100km)
82	Subtransmission lines	4 49	8.16
83	Subtransmission cables	5 432	1.16
84	Subtransmission other	13	
85	Distribution lines (excluding LV)	128 917	13.96
86	Distribution cables (excluding LV)	115 2,099	5.48
87	Distribution other (excluding LV)	164	
88	Total	429	

		Company Name	Vector
		For Year Ended	31 March 2013
		Network / Sub-network Name	Northern
	IEDULE 10: REPORT ON NETWORK RELIABILITY thedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault r	ate) for the disclosure year. EDBs must provide e	explanatory comment on their network
eliab	lity for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI information		
nd s	is subject to the assurance report required by section 2.8.		
ref			
8	10(i): Interruptions	Number of	
9	Interruptions by class	interruptions	
0	Class A (planned interruptions by Transpower)		
1	Class B (planned interruptions on the network)	589	
2	Class C (unplanned interruptions on the network)	715	
3 4	Class D (unplanned interruptions by Transpower) Class E (unplanned interruptions of EDB owned generation)	8	
5	Class F (unplanned interruptions of Ebb owned generation) Class F (unplanned interruptions of generation owned by others)		
6	Class G (unplanned interruptions caused by another disclosing entity)		
7	Class H (planned interruptions caused by another disclosing entity)		
8	Class I (interruptions caused by parties not included above)		
9	Total	1,312	
0			
1	Interruption restoration	≤3Hrs >3hrs	
22	Class C interruptions restored within	424 291	
3	CAIFL and CAIDI by slees	CAUCI	
4	SAIFI and SAIDI by class	SAIFI SAIDI	
5	Class A (planned interruptions by Transpower)	0.20 40.6	
6 7	Class B (planned interruptions on the network) Class C (unplanned interruptions on the network)	1.27 116.5	
8	Class D (unplanned interruptions by Transpower)	0.05 2.7	
9	Class E (unplanned interruptions of EDB owned generation)		
0	Class F (unplanned interruptions of generation owned by others)		
1	Class G (unplanned interruptions caused by another disclosing entity)		
2	Class H (planned interruptions caused by another disclosing entity)		
3	Class I (interruptions caused by parties not included above)		
34	Total	1.52 159.8	
35			
36	Normalised SAIFI and SAIDI	Normalised SAIFI Normalised SAIDI	
37	Classes B & C (interruptions on the network)	1.47 153.7	
38			
00		SAIFI reliability SAIDI reliability	
39	Quality path normalised reliability limit	limit limit	
10	SAIFI and SAIDI limits applicable to disclosure year*	N/A N/A	
11	* not applicable to exempt EDBs		
12	10(ii): Class C Interruptions and Duration by Cause		
13	20(), Glass CC. apricing and 24. 41.5 47 Gaase		
14	Cause	SAIFI SAIDI	
5	Lightning	0.01 0.9	
16	Vegetation	0.19 20.7	
17	Adverse weather	0.02 6.6	
8	Adverse environment		
19	Third party interference	0.17 14.0	
50	Wildlife	0.08 6.6	
51	Human error	0.08 0.4	
2	Defective equipment	0.52 48.7	
3	Cause unknown	0.20 18.5	
2	10(iii): Class B Interruptions and Duration by Main Equipment Involved		
53			
4	Main equipment involved	SAIFI SAIDI	
55	Subtransmission lines		
66	Subtransmission cables		
67	Subtransmission other		
68	Distribution lines (excluding LV)	0.01 2.4	
69	Distribution cables (excluding LV)	0.01 2.7	
70	Distribution other (excluding LV)	0.18 35.5	

		Company Name	Vector
		For Year Ended	31 March 2013
		Network / Sub-network Name	Northern
This s	HEDULE 10: REPORT ON NETWORK RELIABILITY chedule requires a summary of the key measures of network reliability (interruption illity for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAI o is subject to the assurance report required by section 2.8.		
71 72	10(iv): Class C Interruptions and Duration by Main Equi	pment Involved	
73	Main equipment involved	SAIFI SAIDI	
74	Subtransmission lines	0.05 1.3	
75	Subtransmission cables	0.03 0.6	
76	Subtransmission other	0.24 10.9	
77	Distribution lines (excluding LV)	0.56 59.8	
78	Distribution cables (excluding LV)	0.07 6.4	
79	Distribution other (excluding LV)	0.32 37.5	
80	10(v): Fault Rate		
81	Main equipment involved	Number of Faults Circuit length (km)	Fault rate (faults per 100km)
82	Subtransmission lines	22 358	6.15
83	Subtransmission rates	7 136	5.14
84	Subtransmission other	32	5.61
85	Distribution lines (excluding LV)	336 2,919	11.51
86	Distribution cables (excluding LV)	86 1,310	6.57
87	Distribution other (excluding LV)	232	
	Total	715	