

EDB Information Disclosure Requirements Information Templates for Schedules 11a-13

Company Name
Disclosure Date
AMP Planning Period Start Date (first day)

Vector Limited
31 March 2014
1 April 2014

Templates for Schedules 11a–13 (Asset Management Plan)
Template Version 3.0. Prepared 13 December 2013

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Schedule Description

Asset Management Plan Schedule Templates

- 11a Report on Forecast Capital Expenditure
- 11b Report on Forecast Operational Expenditure
- 12a Report on Asset Condition
- 12b Report on Forecast Capacity
- 12c Report on Forecast Demand
- 12d Report on Forecast Interruptions and Duration
- 13 Report on Asset Management Maturity

Disclosure Template Guidelines for Information Entry

These templates have been prepared for use by EDBs when making disclosures under subclauses 2.6.1(4), 2.6.1(5) and 2.6.5(5) of the Electricity Distribution Information Disclosure Determination 2012. Disclosures made under subclauses 2.6.1(4) and 2.6.1(5) must be made before the start of each disclosure year. Disclosures made under subclauses 2.6.5(5) must be made within 5 months after the start of the disclosure year. The information disclosed under 2.6.5(5) should be identical to that disclosed under 2.6.1(4) and 2.6.1(5).

Under clause 2.6.3, EDBs can elect to complete and publicly disclose before the start of the disclosure year, an **AMP update**. EDBs can elect to complete and publicly disclose an AMP update instead of a full AMP in the following years:

- 31 March 2014
- 31 March 2015

If electing to complete an AMP update, EDBs can choose to not complete and disclose Schedule 13: Report on Asset Management Maturity Table. Schedule 13 sheet should be removed if not completed.

If disclosing a Full AMP, EDBs must complete and disclose Schedule 13.

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 first day of the 10 year planning period should be entered in cell C12, and the date on which the information is disclosed should be entered in cell C10 of the CoverSheet worksheet.

The cell C12 entry (planning period start date) is used to calculate disclosure years in the column headings that show above some of the tables. It is also used to calculate the AMP planning period dates 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 guard against errors in data entry, some data entry cells test entries for validity and accept only a limited range of values. For example, entries may be limited to a list of category names or to values between 0% and 100%. Where this occurs, a validation message will appear when data is being entered.

Conditional Formatting Settings on Data Entry Cells

Schedule 12a columns G to K contains conditional formatting. The cells will change colour if the row totals do not add to 100%.

Inserting Additional Rows

The templates for schedules 11a, 12b and 12c may require additional rows to be inserted in tables marked 'include additional rows if needed'.

Additional rows 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.

For schedule 12b the formula for column J (Utilisation of Installed Firm Capacity %) will need to be copied into the inserted row(s).

Schedule 11a & 11b

Schedule 11a requires Capital and Operational Expenditure to be expressed in both nominal and constant prices.

The differences between the nominal and constant prices should reflect EDB expectations of the impact of changes in the costs of its labour, materials and other inputs (ie, inflationary pressures).

Schedule 12b(ii)

The purpose of schedule 12b(ii) is to disclose transformer capacity as at the end of the current year. As the information may not be available in time for disclosures made under subclause 2.6.1(4), but available for disclosures made under 2.6.5(5), EDBs can choose not to disclose transformer capacity under schedule 12b(ii). EDBs who do not disclose transformer capacity under schedule 12b(ii) must disclose the information in schedule 9e(iii). Accordingly, the Excel template has been modified to allow the value "N/A" to be entered into these input cells.

Schedule 12d Report Forecast Interruptions and Duration sub-network disclosures

If the supplier has sub-networks, schedule 12d must be completed for the network and for each sub-network. A copy of the schedule 12d worksheet must be made for each sub-network.

Schedule 13 Report on Asset Management Maturity

The name of the standard applied (eg, 'PAS55') must be entered in cell K4.

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)

EDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).

sch ref												
7		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
8	for year ended		31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
9	11a(i): Expenditure on Assets Forecast	\$000 (in nominal dol										
10	Consumer connection	29,918	32,004	38,702	44,875	44,279	41,232	41,413	42,670	43,049	44,167	45,536
11	System growth	49,901	45,751	41,938	44,423	43,702	51,997	49,159	52,120	61,325	60,878	57,782
12	Asset replacement and renewal	59,983	63,684	63,002	68,496	72,219	73,188	68,649	64,207	61,366	65,642	64,202
13	Asset relocations	22,449	20,641	21,982	22,512	20,577	20,294	20,802	21,322	21,855	22,401	22,961
14	Reliability, safety and environment:	,	, <u> </u>	, <u> </u>	, in the second	ŕ	· ·	,	· ·	,	, in the second	•
15	Quality of supply	3,812	3,434	3,494	3,274	3,739	6,733	8,930	9,866	10,525	11,806	12,407
16	Legislative and regulatory	2,204	2,386	1,940	1,212	245	-	-	-	-	-	-
17	Other reliability, safety and environment	3,280	7,371	9,885	10,296	11,374	12,031	13,150	13,750	14,894	15,558	15,955
18	Total reliability, safety and environment	9,296	13,191	15,319	14,782	15,358	18,764	22,080	23,616	25,419	27,364	28,362
19	Expenditure on network assets	171,547	175,271	180,943	195,088	196,135	205,475	202,103	203,935	213,014	220,452	218,843
20	Non-network assets	11,899	11,774	13,262	10,837	14,053	9,396	10,114	9,335	8,740	8,230	7,544
21	Expenditure on assets	183,446	187,045	194,205	205,925	210,188	214,871	212,217	213,270	221,754	228,682	226,387
22												
23	plus Cost of financing	3,570	3,885	4,100	4,350	4,441	4,726	4,750	4,888	5,253	5,397	5,357
24	less Value of capital contributions	29,599	28,458	34,546	39,042	37,812	35,191	35,658	37,125	37,442	38,346	39,536
25	plus Value of vested assets	-	-	-	-	-	-	-	-	-	-	
26		457.447	162 472	162.750	474 222	470.047	101.105	101 200	404 000	100 565	105 722	102.200
27	Capital expenditure forecast	157,417	162,472	163,759	171,233	176,817	184,406	181,309	181,033	189,565	195,733	192,208
28 29												
	Value of commissioned assets	142 970	106 622	165 246	190.012	170.003	100 427	196 363	195 240	192 565	109.026	100 006
23	Value of commissioned assets	143,870	196,633	165,346	180,012	170,903	188,427	186,363	185,249	183,565	198,026	199,906
30	Value of commissioned assets	143,870 Current Year CY	196,633 CY+1	165,346 CY+2	180,012	170,903 CY+4	188,427 CY+5	186,363 CY+6	185,249 CY+7	183,565 CY+8	198,026 CY+9	199,906 CY+10
	Value of commissioned assets for year ended	Current Year CY	, 1	, ,	, 1	, ,	, .	, ,	, ,	, ,	, ,	
30		Current Year CY 31 Mar 14	CY+1 31 Mar 15	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	
<i>30</i>	for year ended	Current Year CY 31 Mar 14 \$000 (in constant pri	CY+1 31 Mar 15 ces)	CY+2 31 Mar 16	CY+3 31 Mar 17	<i>CY+4</i> 31 Mar 18	CY+5 31 Mar 19	<i>CY+6</i> 31 Mar 20	CY+7 31 Mar 21	CY+8 31 Mar 22	<i>CY+9</i> 31 Mar 23	CY+10 31 Mar 24
30		Current Year CY 31 Mar 14	CY+1 31 Mar 15	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10 31 Mar 24
30 32 33	for year ended Consumer connection	Current Year CY 31 Mar 14 \$000 (in constant pri	CY+1 31 Mar 15 ces) 31,412	CY+2 31 Mar 16	CY+3 31 Mar 17 41,627	CY+4 31 Mar 18	CY+5 31 Mar 19 36,084	CY+6 31 Mar 20	CY+7 31 Mar 21	CY+8 31 Mar 22	CY+9 31 Mar 23	CY+10 31 Mar 24 35,203 44,687
30 32 33 34	for year ended Consumer connection System growth	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901	CY+1 31 Mar 15 ces) 31,412 44,989	CY+2 31 Mar 16 36,895 40,030	CY+3 31 Mar 17 41,627 41,218	CY+4 31 Mar 18 39,809 39,286	CY+5 31 Mar 19 36,084 45,438	CY+6 31 Mar 20 35,339 41,986	CY+7 31 Mar 21 35,524 43,372	CY+8 31 Mar 22 34,970 49,778	CY+9 31 Mar 23 34,998 48,262	CY+10 31 Mar 24 35,203 44,687 49,655
30 32 33 34 35	for year ended Consumer connection System growth Asset replacement and renewal	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983	CY+1 31 Mar 15 ces) 31,412 44,989 62,537	CY+2 31 Mar 16 36,895 40,030 60,131	CY+3 31 Mar 17 41,627 41,218 63,544	CY+4 31 Mar 18 39,809 39,286 64,889	CY+5 31 Mar 19 36,084 45,438 64,022	CY+6 31 Mar 20 35,339 41,986 58,614	CY+7 31 Mar 21 35,524 43,372 53,476	CY+8 31 Mar 22 34,970 49,778 49,860	CY+9 31 Mar 23 34,998 48,262 51,999	CY+10 31 Mar 24 35,203 44,687 49,655
32 33 34 35 36	for year ended Consumer connection System growth Asset replacement and renewal Asset relocations	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983	CY+1 31 Mar 15 ces) 31,412 44,989 62,537	CY+2 31 Mar 16 36,895 40,030 60,131	CY+3 31 Mar 17 41,627 41,218 63,544	CY+4 31 Mar 18 39,809 39,286 64,889	CY+5 31 Mar 19 36,084 45,438 64,022	CY+6 31 Mar 20 35,339 41,986 58,614	CY+7 31 Mar 21 35,524 43,372 53,476	CY+8 31 Mar 22 34,970 49,778 49,860	CY+9 31 Mar 23 34,998 48,262 51,999	CY+10 31 Mar 24 35,203 44,687 49,655 17,751
30 32 33 34 35 36 37	for year ended Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment:	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275	CY+2 31 Mar 16 36,895 40,030 60,131 20,967	CY+3 31 Mar 17 41,627 41,218 63,544 20,898 3,041 1,130	CY+4 31 Mar 18 39,809 39,286 64,889 18,508	CY+5 31 Mar 19 36,084 45,438 64,022 17,751	CY+6 31 Mar 20 35,339 41,986 58,614 17,751	CY+7 31 Mar 21 35,524 43,372 53,476 17,751	CY+8 31 Mar 22 34,970 49,778 49,860 17,751	CY+9 31 Mar 23 34,998 48,262 51,999 17,751	CY+10 31 Mar 24 35,203 44,687 49,655 17,751
30 32 33 34 35 36 37 38	for year ended Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment: Quality of supply	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449 3,812	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275	CY+2 31 Mar 16 36,895 40,030 60,131 20,967	CY+3 31 Mar 17 41,627 41,218 63,544 20,898	CY+4 31 Mar 18 39,809 39,286 64,889 18,508	CY+5 31 Mar 19 36,084 45,438 64,022 17,751	CY+6 31 Mar 20 35,339 41,986 58,614 17,751	CY+7 31 Mar 21 35,524 43,372 53,476 17,751	CY+8 31 Mar 22 34,970 49,778 49,860 17,751	CY+9 31 Mar 23 34,998 48,262 51,999 17,751	CY+10 31 Mar 24 35,203 44,687 49,655 17,751
32 33 34 35 36 37 38 39 40 41	for year ended Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment: Quality of supply Legislative and regulatory	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449 3,812 2,204 3,280 9,296	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275 3,369 2,351 7,201 12,921	CY+2 31 Mar 16 36,895 40,030 60,131 20,967 3,335 1,852 9,430 14,617	CY+3 31 Mar 17 41,627 41,218 63,544 20,898 3,041 1,130 9,558 13,729	CY+4 31 Mar 18 39,809 39,286 64,889 18,508 3,357 226 10,214 13,797	CY+5 31 Mar 19 36,084 45,438 64,022 17,751 5,875 - 10,523 16,398	CY+6 31 Mar 20 35,339 41,986 58,614 17,751 7,614 11,218 18,832	CY+7 31 Mar 21 35,524 43,372 53,476 17,751 8,212	CY+8 31 Mar 22 34,970 49,778 49,860 17,751 8,547 12,094 20,641	CY+9 31 Mar 23 34,998 48,262 51,999 17,751 9,351 12,328 21,679	CY+10 31 Mar 24 35,203 44,687 49,655 17,751 9,592
32 33 34 35 36 37 38 39 40 41 42	for year ended Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment: Quality of supply Legislative and regulatory Other reliability, safety and environment Total reliability, safety and environment Expenditure on network assets	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449 3,812 2,204 3,280 9,296 171,547	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275 3,369 2,351 7,201 12,921 172,134	CY+2 31 Mar 16 36,895 40,030 60,131 20,967 3,335 1,852 9,430 14,617 172,640	CY+3 31 Mar 17 41,627 41,218 63,544 20,898 3,041 1,130 9,558 13,729 181,016	CY+4 31 Mar 18 39,809 39,286 64,889 18,508 3,357 226 10,214 13,797 176,289	CY+5 31 Mar 19 36,084 45,438 64,022 17,751 5,875 - 10,523 16,398 179,693	CY+6 31 Mar 20 35,339 41,986 58,614 17,751 7,614 11,218 18,832 172,522	CY+7 31 Mar 21 35,524 43,372 53,476 17,751 8,212	CY+8 31 Mar 22 34,970 49,778 49,860 17,751 8,547 12,094 20,641 173,000	CY+9 31 Mar 23 34,998 48,262 51,999 17,751 9,351 12,328 21,679 174,689	35,203 44,683 49,653 17,753 9,592 12,333 21,927 169,223
30 32 33 34 35 36 37 38 39 40 41 42 43	Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment: Quality of supply Legislative and regulatory Other reliability, safety and environment Total reliability, safety and environment Expenditure on network assets Non-network assets	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449 3,812 2,204 3,280 9,296 171,547 11,899	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275 3,369 2,351 7,201 12,921 172,134 11,487	CY+2 31 Mar 16 36,895 40,030 60,131 20,967 3,335 1,852 9,430 14,617 172,640 12,561	CY+3 31 Mar 17 41,627 41,218 63,544 20,898 3,041 1,130 9,558 13,729 181,016 9,985	39,809 39,286 64,889 18,508 3,357 226 10,214 13,797 176,289 12,523	CY+5 31 Mar 19 36,084 45,438 64,022 17,751 5,875 - 10,523 16,398 179,693 8,169	CY+6 31 Mar 20 35,339 41,986 58,614 17,751 7,614 11,218 18,832 172,522 8,578	CY+7 31 Mar 21 35,524 43,372 53,476 17,751 8,212	CY+8 31 Mar 22 34,970 49,778 49,860 17,751 8,547 12,094 20,641 173,000 7,056	CY+9 31 Mar 23 34,998 48,262 51,999 17,751 9,351 12,328 21,679 174,689 6,482	CY+10 31 Mar 24 35,203 44,687 49,655 17,751 9,592 12,335 21,927 169,223 5,797
32 33 34 35 36 37 38 39 40 41 42 43 44	for year ended Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment: Quality of supply Legislative and regulatory Other reliability, safety and environment Total reliability, safety and environment Expenditure on network assets	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449 3,812 2,204 3,280 9,296 171,547	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275 3,369 2,351 7,201 12,921 172,134	CY+2 31 Mar 16 36,895 40,030 60,131 20,967 3,335 1,852 9,430 14,617 172,640	CY+3 31 Mar 17 41,627 41,218 63,544 20,898 3,041 1,130 9,558 13,729 181,016	CY+4 31 Mar 18 39,809 39,286 64,889 18,508 3,357 226 10,214 13,797 176,289	CY+5 31 Mar 19 36,084 45,438 64,022 17,751 5,875 - 10,523 16,398 179,693	CY+6 31 Mar 20 35,339 41,986 58,614 17,751 7,614 11,218 18,832 172,522	CY+7 31 Mar 21 35,524 43,372 53,476 17,751 8,212	CY+8 31 Mar 22 34,970 49,778 49,860 17,751 8,547 12,094 20,641 173,000	CY+9 31 Mar 23 34,998 48,262 51,999 17,751 9,351 12,328 21,679 174,689	CY+10 31 Mar 24 35,203 44,687 49,655 17,751 9,592 12,335 21,927 169,223 5,797
32 33 34 35 36 37 38 39 40 41 42 43 44 45	Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment: Quality of supply Legislative and regulatory Other reliability, safety and environment Total reliability, safety and environment Expenditure on network assets Non-network assets Expenditure on assets	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449 3,812 2,204 3,280 9,296 171,547 11,899	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275 3,369 2,351 7,201 12,921 172,134 11,487	CY+2 31 Mar 16 36,895 40,030 60,131 20,967 3,335 1,852 9,430 14,617 172,640 12,561	CY+3 31 Mar 17 41,627 41,218 63,544 20,898 3,041 1,130 9,558 13,729 181,016 9,985	39,809 39,286 64,889 18,508 3,357 226 10,214 13,797 176,289 12,523	CY+5 31 Mar 19 36,084 45,438 64,022 17,751 5,875 - 10,523 16,398 179,693 8,169	CY+6 31 Mar 20 35,339 41,986 58,614 17,751 7,614 11,218 18,832 172,522 8,578	CY+7 31 Mar 21 35,524 43,372 53,476 17,751 8,212	CY+8 31 Mar 22 34,970 49,778 49,860 17,751 8,547 12,094 20,641 173,000 7,056	CY+9 31 Mar 23 34,998 48,262 51,999 17,751 9,351 12,328 21,679 174,689 6,482	CY+10 31 Mar 24 35,203 44,687 49,655 17,751 9,592 12,335 21,927 169,223 5,797
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment: Quality of supply Legislative and regulatory Other reliability, safety and environment Total reliability, safety and environment Expenditure on network assets Non-network assets Expenditure on assets Subcomponents of expenditure on assets (where known)	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449 3,812 2,204 3,280 9,296 171,547 11,899 183,446	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275 3,369 2,351 7,201 12,921 172,134 11,487 183,621	CY+2 31 Mar 16 36,895 40,030 60,131 20,967 3,335 1,852 9,430 14,617 172,640 12,561 185,201	CY+3 31 Mar 17 41,627 41,218 63,544 20,898 3,041 1,130 9,558 13,729 181,016 9,985 191,001	39,809 39,286 64,889 18,508 3,357 226 10,214 13,797 176,289 12,523 188,812	CY+5 31 Mar 19 36,084 45,438 64,022 17,751 5,875 - 10,523 16,398 179,693 8,169 187,862	7,614 11,218 18,832 172,522 8,578 181,100	35,524 43,372 53,476 17,751 8,212 11,447 19,659 169,782 7,725	CY+8 31 Mar 22 34,970 49,778 49,860 17,751 8,547 - 12,094 20,641 173,000 7,056 180,056	CY+9 31 Mar 23 34,998 48,262 51,999 17,751 9,351	CY+10 31 Mar 24 35,203 44,687 49,655 17,751 9,592 12,335 21,927 169,223 5,797 175,020
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment: Quality of supply Legislative and regulatory Other reliability, safety and environment Total reliability, safety and environment Expenditure on network assets Non-network assets Expenditure on assets Subcomponents of expenditure on assets (where known) Energy efficiency and demand side management, reduction of energy losses	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449 3,812 2,204 3,280 9,296 171,547 11,899 183,446	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275 3,369 2,351 7,201 12,921 172,134 11,487 183,621	CY+2 31 Mar 16 36,895 40,030 60,131 20,967 3,335 1,852 9,430 14,617 172,640 12,561 185,201	CY+3 31 Mar 17 41,627 41,218 63,544 20,898 3,041 1,130 9,558 13,729 181,016 9,985 191,001	CY+4 31 Mar 18 39,809 39,286 64,889 18,508 3,357 226 10,214 13,797 176,289 12,523 188,812	CY+5 31 Mar 19 36,084 45,438 64,022 17,751 5,875 - 10,523 16,398 179,693 8,169 187,862	7,453	CY+7 31 Mar 21 35,524 43,372 53,476 17,751 8,212	CY+8 31 Mar 22 34,970 49,778 49,860 17,751 8,547 - 12,094 20,641 173,000 7,056 180,056	CY+9 31 Mar 23 34,998 48,262 51,999 17,751 9,351	27+10 31 Mar 24 35,203 44,687 49,655 17,751 9,592 12,335 21,927 169,223 5,797 175,020
30 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Consumer connection System growth Asset replacement and renewal Asset relocations Reliability, safety and environment: Quality of supply Legislative and regulatory Other reliability, safety and environment Total reliability, safety and environment Expenditure on network assets Non-network assets Expenditure on assets Subcomponents of expenditure on assets (where known)	Current Year CY 31 Mar 14 \$000 (in constant pri 29,918 49,901 59,983 22,449 3,812 2,204 3,280 9,296 171,547 11,899 183,446	CY+1 31 Mar 15 ces) 31,412 44,989 62,537 20,275 3,369 2,351 7,201 12,921 172,134 11,487 183,621	CY+2 31 Mar 16 36,895 40,030 60,131 20,967 3,335 1,852 9,430 14,617 172,640 12,561 185,201	CY+3 31 Mar 17 41,627 41,218 63,544 20,898 3,041 1,130 9,558 13,729 181,016 9,985 191,001	39,809 39,286 64,889 18,508 3,357 226 10,214 13,797 176,289 12,523 188,812	CY+5 31 Mar 19 36,084 45,438 64,022 17,751 5,875 - 10,523 16,398 179,693 8,169 187,862	7,614 11,218 18,832 172,522 8,578 181,100	35,524 43,372 53,476 17,751 8,212 11,447 19,659 169,782 7,725	CY+8 31 Mar 22 34,970 49,778 49,860 17,751 8,547 - 12,094 20,641 173,000 7,056 180,056	CY+9 31 Mar 23 34,998 48,262 51,999 17,751 9,351	27+10 31 Mar 24 35,203 44,687 49,655 17,751 9,592 12,335 21,927 169,223 5,797 175,020

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)

	information is not part of audited disclosure information.												
ref													
7			Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
8		for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
,	Difference between nominal and constant price forecasts		\$000										
	Consumer connection		-	592	1,807	3,248	4,470	5,148	6,074	7,146	8,079	9,169	10,
	System growth		-	762	1,908	3,205	4,416	6,559	7,173	8,748	11,547	12,616	13,
	Asset replacement and renewal		-	1,147	2,871	4,952	7,330	9,166	10,035	10,731	11,506	13,643	14
	Asset relocations		-	366	1,015	1,614	2,069	2,543	3,051	3,571	4,104	4,650	5
	Reliability, safety and environment:					<u> </u>							
	Quality of supply		-	65	159	233	382	858	1,316	1,654	1,978	2,455	2
	Legislative and regulatory		-	35	88	82	19	-	-	-	-	-	
	Other reliability, safety and environment		-	170	455	738	1,160	1,508	1,932	2,303	2,800	3,230	3
	Total reliability, safety and environment		-	270	702	1,053	1,561	2,366	3,248	3,957	4,778	5,685	6
'	Expenditure on network assets		-	3,137	8,303	14,072	19,846	25,782	29,581	34,153	40,014	45,763	49
)	Non-network assets		-	287	701	852	1,530	1,227	1,536	1,610	1,684	1,748	1,
	Expenditure on assets		-	3,424	9,004	14,924	21,376	27,009	31,117	35,763	41,698	47,511	51
			Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5					
		for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19					
	11a(ii): Consumer Connection												
	Consumer types defined by EDB*		\$000 (in constant pr	ices)									
	Service connection		8,254	11,009	13,767	15,793	16,674	15,001					
	Customer substations		5,535	5,957	6,111	6,111	6,111	6,111					
	Business subdivisions		1,144	1,564	1,816	1,909	1,947	1,455					
	Residential subdivisions		11,511	9,775	12,235	14,848	12,111	10,551					
	Capacity change		2,401	2,430	2,384	2,384	2,384	2,384					
	Street lighting		1,016	-	-	-	-	-					
	Easement costs		57	677	582	582	582	582					
	*include additional rows if needed												
	Consumer connection expenditure		29,918	31,412	36,895	41,627	39,809	36,084					
	less Capital contributions funding consumer connection		19,939	23,528	27,564	30,904	30,381	27,717					
	Consumer connection less capital contributions		9,979	7,884	9,331	10,723	9,428	8,367					
	11a(iii): System Growth					1							
	Subtransmission		4,804	4,893	3,311	3,596	7,946	12,141					
	Zone substations		23,074	14,539	16,535	22,719	15,409	10,990					
			1,234	-	-	-	-						
	Distribution and LV lines				13,347	8,202	9,181	12,322					
	Distribution and LV cables		11,722	17,672	,		846	844					
	Distribution and LV cables Distribution substations and transformers		11,722 1,178	838	824	855							
	Distribution and LV cables		11,722		,	855 513	507	506					
	Distribution and LV cables Distribution substations and transformers Distribution switchgear		11,722 1,178 1,886	838 503	824 495	513	507	-					
	Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets		11,722 1,178 1,886 6,003	838 503 - 6,544	824 495 - 5,518	513 - 5,333	507 - 5,397	- 8,635					
	Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets System growth expenditure		11,722 1,178 1,886 6,003 49,901	838 503	824 495	513	507	-					
	Distribution and LV cables Distribution substations and transformers Distribution switchgear Other network assets		11,722 1,178 1,886 6,003	838 503 - 6,544	824 495 - 5,518	513 - 5,333	507 - 5,397	- 8,635					

Company Name

AMP Planning Period

1 April 2014 – 31 March 2024

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)

EDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).

103 104		for year ended	Current Year CY 31 Mar 14	<i>CY+1</i> 31 Mar 15	<i>CY+2</i> 31 Mar 16	<i>CY+3</i> 31 Mar 17	CY+4 31 Mar 18	<i>CY+5</i> 31 Mar 19
105	11a(iv): Asset Replacement and Renewal		\$000 (in constant pr	rices)				
106	Subtransmission		1,774	6,769	4,966	6,563	7,492	6,423
07	Zone substations		17,428	20,879	20,737	22,789	23,682	23,894
108	Distribution and LV lines		17,538	16,025	15,910	15,866	15,849	15,859
109	Distribution and LV cables Distribution substations and transformers		5,368	4,545 4,111	4,512 4,031	4,500 4,067	4,495	4,498 4,001
11	Distribution switchgear		5,413 5,760	4,111	4,031	4,193	4,011 4,171	4,169
	Distribution Switchigeur		3,700	-,230	-	-,155		-,103
12	Other network assets		6,702	5,972	5,787	5,566	5,189	5,178
113	Asset replacement and renewal expenditure		59,983	62,537	60,131	63,544	64,889	64,022
14	less Capital contributions funding asset replacement and renewal		-	-	-	-	-	-
15	Asset replacement and renewal less capital contributions		59,983	62,537	60,131	63,544	64,889	64,022
16	11a(v):Asset Relocations							
117	Project or programme*							
118	TP Penrose-33kV outdoor to indoor		226	467	1,135	340	-	-
119	TP Hepburn-33kV outdoor to indoor		-	93	587	1,294	370	-
120	TP Henderson-33kV outdoor to indoor		-	93	540	1,195	342	-
. 24	TP Albany-33kV outdoor to indoor		-	-	139	649	1,192	330
121	Overhead improvement programme		13,882	13,428	13,428	13,428	13,428	13,428
123	*include additional rows if needed		13,002	13,420	13,420	13,420	13,420	13,420
124	All other asset relocations projects or programmes		8,341	6,194	5,138	3,992	3,176	3,993
125	Asset relocations expenditure		22,449	20,275	20,967	20,898	18,508	17,751
126	less Capital contributions funding asset relocations		6,426	4,399	5,368	5,318	3,616	3,079
127	Asset relocations less capital contributions		16,023	15,876	15,599	15,580	14,892	14,672
128								
129	11a(vi):Quality of Supply							
130	Project or programme*							
131	Solar PV and Battery programme (Southern & Northern regions)		3,812	2,990	2,956	2,662	2,978	5,496
32			_	-	-	-		-
33	-		-	-	-	-	-	-
34 35			-	-	-	-	-	-
35 36	*include additional rows if needed		-	-	-	-	-	-
37	All other quality of supply projects or programmes		-	379	379	379	379	379
.38	Quality of supply expenditure		3,812	3,369	3,335	3,041	3,357	5,875
39	less Capital contributions funding quality of supply		-	-	-	-	-	-
40	Quality of supply less capital contributions		3,812	3,369	3,335	3,041	3,357	5,875
41								
.42	11a(vii): Legislative and Regulatory							
143	Project or programme*							
144	Seismic strengthen programme (Southern & Northern regions)		1,697	1,356	1,130	904	226	_
145			-	-	-	-	-	-
46	-		-	-	-	_		-
47			-	-	-	-	-	-
48	-			-	-	-	-	-
149	*include additional rows if needed			22-	722	225		
150	All other legislative and regulatory projects or programmes		507 2,204	995 2,351	722 1,852	226 1,130	226	-
151 152	Legislative and regulatory expenditure less Capital contributions funding legislative and regulatory		2,204	2,331	1,852	1,130	226	_
-02								
153	Legislative and regulatory less capital contributions		2,204	2,351	1,852	1,130	226	

Company Name **Vector Limited** 1 April 2014 – 31 March 2024 AMP Planning Period **SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE** This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions) EDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes). This information is not part of audited disclosure information. 162 Current Year CY CY+1 CY+2 CY+3 CY+4 31 Mar 18 31 Mar 19 for year ended 31 Mar 14 31 Mar 15 31 Mar 16 31 Mar 17 11a(viii): Other Reliability, Safety and Environment \$000 (in constant prices) Project or programme* Andelect switchgear replacement (Southern & Northern regions) 1,923 3,201 3,847 4,091 3,450 166 ROW assets (Soutern & Northern regions) 3,416 3,414 3,418 167 168 169 170 *include additional rows if needed All other reliability, safety and environment projects or programmes 172 3,280 10,214 10,523 Other reliability, safety and environment expenditure 7,201 9,430 9.558 173 less Capital contributions funding other reliability, safety and environment 174 3,280 7,201 9,558 10,214 10,523 Other reliability, safety and environment less capital contributions 175 176 177 11a(ix): Non-Network Assets 179 Routine expenditure 180 Project or programme* 10,934 12,119 12,366 IT Programme 2015 onwards 182 183 184 186 *include additional rows if needed 187 All other routine expenditure projects or programmes 442 219 188 Routine expenditure 189 Atypical expenditure 190 Project or programme* 191 192 193 194 195 196 *include additional rows if needed 197 All other atypical projects or programmes 198 Atypical expenditure 199 200 11,899 11,487 12,561 12,523 8,169 Non-network assets expenditure 9,985

Company Name

AMP Planning Period

Vector Limited

1 April 2014 – 31 March 2024

SCHEDULE 11b: REPORT ON FORECAST OPERATIONAL EXPENDITURE

	CHEDULE 11b: REPORT ON FORECAST OPERATIONAL EXP s schedule requires a breakdown of forecast operational expenditure for the disclosure yea		ning period. The fore	casts should be con	sistent with the supr	oorting information	set out in the AMP. 1	The forecast is to be	expressed in both	constant price and no	ominal dollar terms	
EDE	s must provide explanatory comment on the difference between constant price and nomin								capitosoca in Social	oonstant pries and in		
Thi	s information is not part of audited disclosure information.											
sch re	ef											
7		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
8	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
0	Operational Europediture Forecast	ć000 (i.e i.e. al. de	-11									
9	Operational Expenditure Forecast	\$000 (in nominal do	,	7.674	7.004	9.165	0.207	9 507	0.013	0.022	0.359	0.400
10 11	Service interruptions and emergencies Vegetation management	6,429 3,971	7,744 4,902	7,674 4,943	7,904 4,973	8,165 5,030	8,387 5,040	8,597 5,049	8,812 5,054	9,032 5,056	9,258 5,056	9,490 5,052
12	Routine and corrective maintenance and inspection	12,058	14,980	15,292	15,272	15,361	15,763	16,219	16,713	17,203	17,734	18,250
13	Asset replacement and renewal	13,990	14,322	13,112	11,399	11,243	11,549	11,837	12,133	12,437	12,748	13,066
14	Network Opex	36,448	41,948	41,021	39,548	39,799	40,739	41,702	42,712	43,728	44,796	45,858
15	System operations and network support	46,544	44,422	45,755	47,036	48,635	49,851	51,097	52,375	53,684	55,026	56,402
16	Business support	31,062	31,707	32,659	33,573	34,714	35,582	36,472	37,384	38,318	39,276	40,258
17	Non-network opex	77,606	76,129	78,414	80,609	83,349	85,433	87,569	89,759	92,002	94,302	96,660
18	Operational expenditure	114,054	118,077	119,435	120,157	123,148	126,172	129,271	132,471	135,730	139,098	142,518
			01.4	6 14 2	611.0	01.4	611.5		01.7		01.0	01.10
19	6	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
20	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
21		\$000 (in constant p	rices)									
22	Service interruptions and emergencies	6,429	7,514	7,322	7,322	7,322	7,322	7,322	7,322	7,322	7,322	7,322
23	Vegetation management	3,971	4,782	4,682	4,582	4,482	4,382	4,282	4,182	4,082	3,982	3,882
24	Routine and corrective maintenance and inspection	12,058	14,547	14,593	14,149	13,777	13,761	13,814	13,887	13,945	14,025	14,082
25	Asset replacement and renewal	13,990	13,904	12,521	10,570	10,082	10,082	10,082	10,082	10,082	10,082	10,082
26	Network Opex	36,448	40,747	39,118	36,623	35,663	35,547	35,500	35,473	35,431	35,411	35,368
27	System operations and network support	46,544	43,338	43,338	43,338	43,338	43,338	43,338	43,338	43,338	43,338	43,338
28	Business support	31,062	30,934	30,934	30,934	30,934	30,934	30,934	30,934	30,934	30,934	30,934
29	Non-network opex	77,606	74,272	74,272	74,272	74,272	74,272	74,272	74,272	74,272	74,272	74,272
30	Operational expenditure	114,054	115,019	113,390	110,895	109,935	109,819	109,772	109,745	109,703	109,683	109,640
21	Subcomponents of operational expenditure (where known)											
31 32												
33	Energy efficiency and demand side management, reduction of energy losses	_		_[_	_	_	_	_	_	_	
34	Direct billing*	_		_			_		_	_	_	_
35	Research and Development	_	_	-	_	_	_	_	_	_	_	-
36	Insurance	2,951	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915
37	* Direct billing expenditure by suppliers that direct bill the majority of their consumers							<u> </u>				
38												
39		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
40	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24
	Difference between newtral and self-	***										
41		\$000	225	255	505	0.5		4.075	1 100	1 740	1.000	2.465
42	Service interruptions and emergencies	-	230	352 261	582	843 548	1,065	1,275 767	1,490 872	1,710 974	1,936	2,168
43 44	Vegetation management Routine and corrective maintenance and inspection	-	120 433	699	391 1,123	1,584	658 2,002	2,405	2,826	3,258	1,074 3,709	1,170 4,168
45	Asset replacement and renewal	_	418	591	829	1,161	1,467	1,755	2,826	2,355	2,666	2,984
46	Network Opex	_	1,201	1,903	2,925	4,136	5,192	6,202	7,239	8,297	9,385	10,490
47	System operations and network support	_	1,084	2,417	3,698	5,297	6,513	7,759	9,037	10,346	11,688	13,064
48	Business support	-	773	1,725	2,639	3,780	4,648	5,538	6,450	7,384	8,342	9,324
49	Non-network opex	-	1,857	4,142	6,337	9,077	11,161	13,297	15,487	17,730	20,030	22,388
43				,	-,	3,011	/	==,==:	-, -	,	=0,000	
50	Operational expenditure	-	3,058	6,045	9,262	13,213	16,353	19,499	22,726	26,027	29,415	32,878

SCHEDULE 12a: REPORT ON ASSET CONDITION

This schedule requires a breakdown of asset condition by asset class as at the start of the forecast year. The data accuracy assessment relates to the percentage values disclosed in the asset condition columns. Also required is a forecast of the percentage of units to be replaced in the next 5 years. All information should be consistent with the information provided in the AMP and the expenditure on assets forecast in Schedule 11a. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch re	ef .										
7						Asset co	ndition at start of	planning period (p	ercentage of units b	y grade)	
8	Voltage	Asset category	Asset class	Units	Grade 1	Grade 2	Grade 3	Grade 4	Grade unknown	Data accuracy (1–4)	% of asset forecast to be replaced in next 5 years
10	All	Overhead Line	Concrete poles / steel structure	No.	0.0%	0.4%	61.5%	38.1%	0.0%	4	6.1%
11	All	Overhead Line	Wood poles	No.	0.1%	1.7%	73.5%	24.7%	0.0%	4	9.7%
12	All	Overhead Line	Other pole types	No.	0.0%	0.0%	0.0%	100.0%	0.0%	4	0.0%
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	0.0%	0.0%	83.2%	16.8%	0.0%	3	0.0%
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	0.0%	0.0%	98.3%	1.7%	0.0%	3	0.0%
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	0.0%	0.0%	11.4%	88.6%	0.0%	2	0.1%
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	0.0%	5.0%	73.9%	21.1%	0.0%	2	5.3%
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	0.0%	44.5%	55.5%	0.0%	0.0%	2	100.0%
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	0.0%	6.1%	87.4%	6.5%	0.0%	2	36.6%
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	0.0%	0.0%	0.0%	100.0%	0.0%	2	0.0%
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	0.0%	0.0%	73.0%	27.0%	0.0%	2	0.0%
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	0.0%	11.8%	42.7%	45.5%	0.0%	2	11.4%
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	0.0%	4.1%	22.5%	73.4%	0.0%	3	5.1%
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	0.0%	0.0%	28.6%	71.4%	0.0%	3	0.0%
26	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	0.0%	8.5%	12.4%	79.1%	0.0%	4	8.5%
27	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	0.0%	14.8%	50.0%	35.2%	0.0%	4	15.3%
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	0.0%	23.3%	73.3%	3.4%	0.0%	4	23.3%
30	HV	Zone substation switchgear	33kV RMU	No.	0.0%	0.0%	0.0%	100.0%	0.0%	4	0.0%
31	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	0.0%	0.0%	0.0%	100.0%	0.0%	4	0.0%
32	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	0.0%	0.0%	0.0%	100.0%	0.0%	4	0.0%
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	0.0%	14.9%	37.5%	47.6%	0.0%	4	25.0%
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%

SCHEDULE 12a: REPORT ON ASSET CONDITION

This schedule requires a breakdown of asset condition by asset class as at the start of the forecast year. The data accuracy assessment relates to the percentage values disclosed in the asset condition columns. Also required is a forecast of the percentage of units to be replaced in the next 5 years. All information should be consistent with the information provided in the AMP and the expenditure on assets forecast in Schedule 11a. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

	ref										
	12 13					Asset co	ndition at start of	planning period (p	ercentage of units b	y grade)	
		oltage Asset category	Asset class	Units	Grade 1	Grade 2	Grade 3	Grade 4	Grade unknown	Data accuracy (1–4)	% of asset forecast to be replaced in next 5 years
	15 HV	IV Zone Substation Transform	er Zone Substation Transformers	No.	1.0%	3.4%	47.6%	48.1%	0.0%	4	7.3%
	16 HV	IV Distribution Line	Distribution OH Open Wire Conductor	km	0.0%	0.0%	60.5%	39.5%	0.0%	3	0.3%
	17 HV	IV Distribution Line	Distribution OH Aerial Cable Conductor	km	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%
	18 HV	IV Distribution Line	SWER conductor	km	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%
	19 HV	IV Distribution Cable	Distribution UG XLPE or PVC	km	0.0%	0.1%	6.2%	93.8%	0.0%	2	1.1%
	50 HV	IV Distribution Cable	Distribution UG PILC	km	0.0%	0.4%	39.7%	59.9%	0.0%	2	0.8%
	51 HV	IV Distribution Cable	Distribution Submarine Cable	km	0.0%	0.0%	86.2%	13.8%	0.0%	2	0.0%
	52 HV	IV Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	0.6%	0.6%	0.6%	98.3%	0.0%	4	11.4%
	HV	IV Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	0.0%	0.0%	40.0%	60.0%	0.0%	4	0.0%
	HV	IV Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	4.0%	1.8%	53.4%	40.8%	0.0%	4	9.1%
	55 HV	IV Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	0.3%	0.1%	67.2%	32.4%	0.0%	3	8.0%
	6 HV	IV Distribution switchgear	3.3/6.6/11/22kV RMU	No.	0.3%	0.1%	55.3%	44.3%	0.0%	3	3.9%
	7 HV	IV Distribution Transformer	Pole Mounted Transformer	No.	3.5%	0.7%	20.7%	75.1%	0.0%	3	8.1%
	8 HV	IV Distribution Transformer	Ground Mounted Transformer	No.	1.0%	0.7%	28.0%	70.3%	0.0%	3	4.2%
	59 HV	IV Distribution Transformer	Voltage regulators	No.	0.0%	0.0%	0.0%	100.0%	0.0%	4	0.0%
	50 HV	IV Distribution Substations	Ground Mounted Substation Housing	No.	1.5%	1.3%	75.8%	21.4%	0.0%	4	2.8%
	51 LV	V LV Line	LV OH Conductor	km	0.0%	0.0%	66.6%	33.4%	0.0%	3	0.2%
	52 LV	V LV Cable	LV UG Cable	km	0.0%	0.3%	35.5%	64.3%	0.0%	2	0.1%
	53 LV	V LV Streetlighting	LV OH/UG Streetlight circuit	km	0.0%	0.0%	0.0%	0.0%	100.0%	1	0.1%
	54 LV		OH/UG consumer service connections	No.	0.0%	0.0%	0.0%	0.0%	100.0%	1	0.0%
	55 All		Protection relays (electromechanical, solid state and numeric)	No.	0.0%	10.8%	40.3%	49.0%	0.0%	3	17.2%
	66 All	II SCADA and communication	SCADA and communications equipment operating as a single system	Lot	2.2%	6.9%	0.0%	90.9%	0.0%	4	15.2%
	57 All	II Capacitor Banks	Capacitors including controls	No.	0.0%	0.0%	85.7%	14.3%	0.0%	3	0.0%
	S8 All	II Load Control	Centralised plant	Lot	0.0%	0.0%	100.0%	0.0%	0.0%	4	0.0%
	59 All	ll Load Control	Relays	No.	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%
П	70 All	II Civils	Cable Tunnels	km	0.0%	0.0%	8.6%	91.4%	0.0%	4	0.0%

SCHEDULE 12b: REPORT ON FORECAST CAPACITY

This schedule requires a breakdown of current and forecast capacity and utilisation for each zone substation and current distribution transformer capacity. The data provided should be consistent with the information provided in the AMP. Information provided in this table should relate to the operation of the network in its normal steady state configuration.

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12b(i): System Growth - Zone Substations

Existing Zone Substations	Current Peak Load (MVA)	Installed Firm Capacity (MVA)	Security of Supply Classification (type)	Transfer Capacity (MVA)	Installed Firm Capacity %	Installed Firm Capacity +5 years (MVA)	Installed Firm Capacity + 5yrs	Installed Firm Capacity Constraint +5 years (cause)	Explanation
Atkinson Road	18.5	24.0	N-1	20.5	77%	24.0	80%	No constraint within +5 years	Meets Vector security criteria
Auckland Airport	16.0	25.0	N-1	0.0	64%	25.0	100%	Other	Meets Customer security criteria, any upgrade is initiated by customer
Avondale	28.2	24.0	N-1 switched	22.0	118%	24.0	120%	No constraint within +5 years	Meets Vector security criteria
Bairds	23.0	24.0	N-1	23.7	96%	24.0	100%	No constraint within +5 years	Meets Vector security criteria
Balmain	7.9	0.0	N-1 switched	13.4	-	0.0		No constraint within +5 years	Meets Vector security criteria
Balmoral	17.5	14.3	N-1 switched	12.5	122%	24.0	90%	No constraint within +5 years	Meets Vector security criteria
Belmont	13.0	14.0	N-1	10.5	93%	14.0	90%	No constraint within +5 years	Meets Vector security criteria
Birkdale	22.9	16.0	N-1 switched	18.7	143%	24.0	100%	No constraint within +5 years	Meets Vector security criteria - Transformer upgrade planned within 5 years
Brickworks	10.0	0.0	N-1 switched	12.8	-	18.0	60%	No constraint within +5 years	Meets Vector security criteria - Second transformer installation planned within 5 years
Browns Bay	16.7	14.0	N-1 switched	20.0	119%	14.0	130%	No constraint within +5 years	Meets Vector security criteria - Planned Glenvar substation will reduce the load at Browns Bay
Bush Road	23.2	24.0	N-1	13.2	97%	24.0	110%	No constraint within +5 years	Meets Vector security criteria
Carbine	17.1	18.9	N-1	14.7	90%	18.9	100%	No constraint within +5 years	Meets Vector security criteria
Chevalier	20.0	17.1	N-1 switched	16.9	117%	17.1	120%	No constraint within +5 years	Meets Vector security criteria
Clendon	21.6	24.0	N-1	22.9	90%	24.0	90%	No constraint within +5 years	Meets Vector security criteria
Clevedon	2.8	0.0	N-1 switched	3.2	-	0.0		No constraint within +5 years	Meets Vector security criteria
Coatesville	9.7	0.0	N-1 switched	10.1	1	12.5	90%	No constraint within +5 years	Meets Vector security criteria - Second transformer installation planned within 5 years
Drive	24.6	24.0	N-1 switched	25.6	103%	24.0	120%	No constraint within +5 years	Meets Vector security criteria
East Coast Road	17.4	0.0	N	14.6	-	0.0		No constraint within +5 years	Planned Rosedale substation will reduce the load at East Coast Rd
East Tamaki	17.8	24.0	N-1	9.5	74%	24.0	80%	No constraint within +5 years	Meets Vector security criteria
Forrest Hill	17.4	16.0	N-1 switched	17.7	109%	16.0	120%	No constraint within +5 years	Meets Vector security criteria
Freemans Bay	19.7	21.6	N-1	19.5	91%	21.6	100%	No constraint within +5 years	Meets Vector security criteria
Glen Innes	11.0	12.2	N-1	14.1	90%	24.0	50%	No constraint within +5 years	Meets Vector security criteria
Greenhithe	13.2	0.0	N-1 switched	13.7	-	24.0	60%	No constraint within +5 years	Meets Vector security criteria - Second transformer installation planned after 5 years
Greenmount	38.9	48.0	N-1	31.4	81%	48.0	90%	No constraint within +5 years	Meets Vector security criteria
Gulf Harbour	6.8	0.0	N-1 switched	13.3	-	0.0		No constraint within +5 years	Meets Vector security criteria
Hans	24.6	24.0	N-1 switched	11.0	103%	24.0	110%	No constraint within +5 years	Meets Vector security criteria
Hauraki	8.7	0.0	N-1 switched	11.2	-	0.0		No constraint within +5 years	Meets Vector security criteria
Helensville	13.7	9.0	N-1 switched	10.1	152%	9.0	170%	No constraint within +5 years	Meets Vector security criteria
Henderson Valley	14.7	16.0	N-1	15.4	92%	16.0	100%	No constraint within +5 years	Meets Vector security criteria
Highbrook	5.5	19.4	N-1	0.0	28%	19.4	30%	No constraint within +5 years	Switching Station
Highbury	13.2	0.0	N-1 switched	16.5	-	16.0	90%	No constraint within +5 years	Meets Vector security criteria - Second transformer installation planned within 5 years
Hillcrest	22.7	21.1	N-1 switched	22.9	108%	21.1	120%	No constraint within +5 years	Meets Vector security criteria
Hillsborough	16.6	24.0	N-1	21.1	69%	24.0	70%	No constraint within +5 years	Meets Vector security criteria
Hobson 110/11kV	25.9	27.5	N-1	11.9	94%	27.5	90%	No constraint within +5 years	Meets Vector security criteria
Hobson 22/11kV	18.9	16.5	N-1 switched	15.4	115%	16.5	130%	No constraint within +5 years	Meets Vector security criteria
Hobson 22kV	45.1	40.0	N-1 switched	34.4	113%	80.0	70%	No constraint within +5 years	Meets Vector security criteria - third transformer installation planned within 5 years
Hobsonville	21.4	16.0	N-1 switched	13.9	134%	16.0	280%	No constraint within +5 years	Hobsonbille Point and Westgate substations planned to reduce Hobsonville load

Utilisation of

Utilisation of

SCHEDULE 12b: REPORT ON FORECAST CAPACITY

This schedule requires a breakdown of current and forecast capacity and utilisation for each zone substation and current distribution transformer capacity. The data provided should be consistent with the information provided in the AMP. Information provided in this table should relate to the operation of the network in its normal steady state configuration.

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Howick	39.0	46.0	N-1	14.2	85%	46.0	90%	No constraint within +5 years	Meets Vector security criteria
James Street	17.8	16.0	N-1 switched	17.4	111%	16.0	120%	No constraint within +5 years	Meets Vector security criteria
Keeling Road	14.2	0.0	N-1 switched	23.3	-	24.0	80%	No constraint within +5 years	Meets Vector security criteria - Second transformer installation planned within 5 years
Kingsland	23.0	24.0	N-1	29.2	96%	24.0	140%	No constraint within +5 years	Meets Vector security criteria
Laingholm	9.1	9.0	N-1 switched	10.3	101%	9.0	110%	No constraint within +5 years	Meets Vector security criteria
Liverpool	42.9	44.0	N-1	25.8	98%	44.0	100%	No constraint within +5 years	Meets Vector security criteria
Liverpool 22kV	95.5	135.0	N-1	60.6	71%	135.0	80%	No constraint within +5 years	Meets Vector security criteria
Mangere Central	25.5	24.0	N-1 switched	12.2	106%	48.0	60%	No constraint within +5 years	Meets Vector security criteria
Mangere East	24.9	24.0	N-1 switched	25.4	104%	24.0	120%	No constraint within +5 years	Meets Vector security criteria
Mangere West	19.7	36.0	N-1	6.8	55%	36.0	60%	No constraint within +5 years	Meets Vector security criteria
Manly	19.0	14.0	N-1 switched	15.5	136%	14.0	140%	No constraint within +5 years	Meets Vector security criteria
Manukau	35.4	48.0	N-1	28.9	74%	48.0	80%	No constraint within +5 years	Meets Vector security criteria
Manurewa	50.2	46.9	N-1 switched	27.0	107%	46.9	110%	No constraint within +5 years	Meets Vector security criteria
Maraetai	6.2	18.0	N-1	3.3	34%	18.0	40%	No constraint within +5 years	Meets Vector security criteria
McKinnon	21.4	24.0	N-1	17.6	89%	24.0	110%	No constraint within +5 years	Meets Vector security criteria
Mcleod Road	11.6	0.0	N-1 switched	12.8	-	0.0		No constraint within +5 years	Meets Vector security criteria
McNab	45.0	48.0	N-1	29.2	94%	48.0	110%	No constraint within +5 years	Meets Vector security criteria
Milford	7.6	0.0	N-1 switched	8.1	-	0.0		No constraint within +5 years	Meets Vector security criteria
Mt Albert	7.2	0.0	N-1 switched	8.7	-	0.0		No constraint within +5 years	Meets Vector security criteria
Mt Wellington	16.6	24.0	N-1	21.0	69%	24.0	70%	No constraint within +5 years	Meets Vector security criteria
New Lynn	13.8	14.0	N-1	15.0	99%	14.0	110%	No constraint within +5 years	Meets Vector security criteria
Newmarket	35.1	48.0	N-1	36.7	73%	48.0	110%	No constraint within +5 years	Meets Vector security criteria
Newton	18.0	19.2	N-1	17.4	94%	19.2	110%	No constraint within +5 years	Meets Vector security criteria
Ngataringa Bay	7.8	0.0	N-1 switched	9.5	-	0.0		No constraint within +5 years	Meets Vector security criteria
Northcote	9.3	0.0	N-1 switched	11.0	_	0.0		No constraint within +5 years	Meets Vector security criteria
Onehunga	13.0	14.8	N-1	13.1	88%	24.0	60%	No constraint within +5 years	Meets Vector security criteria
Orakei	22.8	21.6	N-1 switched	17.0	106%	21.6	120%	No constraint within +5 years	Meets Vector security criteria
Oratia	5.3	0.0	N-1 switched	6.4	-	0.0		No constraint within +5 years	Meets Vector security criteria
Orewa	15.2	24.0	N-1	15.6	63%	24.0	90%	No constraint within +5 years	Meets Vector security criteria
o i cira								ito constraine within 15 years	Meets Vector security criteria - Planned Flat Bush substation will
Otara	32.8	30.8	N-1 switched	25.5	106%	30.8	120%	No constraint within +5 years	reduce the load at Otara within 5 years Meets Customer security criteria, any upgrade is initiated by
Pacific Steel	55.8							Other	customer
Pakuranga	22.7	24.0	N-1	9.4	95%	24.0	110%	No constraint within +5 years	Meets Vector security criteria
Papakura	25.3	24.0	N-1 switched	10.4	105%	24.0	120%	No constraint within +5 years	Meets Vector security criteria
Parnell	10.9	14.6	N-1	16.4	75%	24.0	60%	No constraint within +5 years	Meets Vector security criteria
Ponsonby	15.9	14.4	N-1 switched	10.4	110%	14.4	120%	No constraint within +5 years	Meets Vector security criteria
Quay	23.1	22.0	N-1 switched	25.4	105%	22.0	140%	No constraint within +5 years	Meets Vector security criteria
Quay 22kV	38.5	60.0	N-1	33.5	64%	60.0	80%	No constraint within +5 years	Meets Vector security criteria
Ranui	10.9	0.0	N-1 switched	15.5	-	0.0		No constraint within +5 years	Meets Vector security criteria
Red Beach	14.1	0.0	N-1 switched	16.2	-	24.0	90%	No constraint within +5 years	Meets Vector security criteria - Second transformer installation planned within 5 years
Remuera	25.5	24.0	N-1 switched	17.2	106%	24.0	140%	No constraint within +5 years	Meets Vector security criteria
Riverhead	8.4	9.0	N-1	14.7	93%	9.0	120%	No constraint within +5 years	Meets Vector security criteria
Rockfield	22.7	24.0	N-1	26.6	95%	24.0	100%	No constraint within +5 years	Meets Vector security criteria
Rosebank	20.9	25.8	N-1	22.2	81%	25.8	80%	No constraint within +5 years	Meets Vector security criteria
Sabulite Road	20.8	14.0	N-1 switched	21.5	149%	14.0	150%	No constraint within +5 years	Meets Vector security criteria
Sandringham	22.4	24.0	N-1	24.1	93%	24.0	100%	No constraint within +5 years	Meets Vector security criteria
Simpson Road	5.9	0.0	N-1 switched	6.3	- 33,0	0.0	100,0	No constraint within +5 years	Meets Vector security criteria
Simpson Road	5.5	0.0	iv 1 Switched	0.5		0.0		No constraint within +5 years	ividets vector security criteria

SCHEDULE 12b: REPORT ON FORECAST CAPACITY

This schedule requires a breakdown of current and forecast capacity and utilisation for each zone substation and current distribution transformer capacity. The data provided should be consistent with the information provided in the AMP. Information provided in this table should relate to the operation of the network in its normal steady state configuration.

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									Meets Vector security criteria - Planned Sandspit substation will
Snells Beach	6.3	0.0	N-1 switched	7.3	-	0.0		No constraint within 15 years	reduce the load at Snells Beach and increase the transfer capacity at this substation
	20.0	24.0		47.0	4400/	24.0	4200/	No constraint within +5 years	
South Howick	28.3	24.0	N-1 switched	17.2	118%	24.0	120%	No constraint within +5 years	Meets Vector security criteria
Spur Road	10.5	0.0	N-1 switched	19.5	-	0.0		No constraint within +5 years	Meets Vector security criteria
St Heliers	22.4	21.0	N-1 switched	17.8	107%	21.0	110%	No constraint within +5 years	Meets Vector security criteria
St Johns	16.7	24.0	N-1	26.9	70%	24.0	100%	No constraint within +5 years	Meets Vector security criteria
Sunset Road	17.4	14.0	N-1 switched	16.2	124%	14.0	140%	No constraint within +5 years	Meets Vector security criteria
Swanson	10.5	0.0	N-1 switched	14.2	-	0.0		No constraint within +5 years	Meets Vector security criteria
Sylvia Park	17.6	20.2	N-1	5.4	87%	20.2	90%	No constraint within +5 years	Meets Vector security criteria
Takanini	13.9	18.0	N-1	13.2	77%	18.0	90%	No constraint within +5 years	Meets Vector security criteria
Takapuna	10.0	0.0	N-1 switched	11.8	-	0.0		No constraint within +5 years	Meets Vector security criteria
Te Atatu	18.6	14.0	N-1 switched	10.0	133%	24.0	90%	No constraint within +5 years	Meets Vector security criteria - Transformer upgrade planned within 5 years
Te Papapa	23.1	24.0	N-1	11.9	96%	24.0	100%	No constraint within +5 years	Meets Vector security criteria
Torbay	7.2	0.0	N-1 switched	9.1	-	0.0		No constraint within +5 years	Meets Vector security criteria - Planned Glenvar substation will reduce the load at Torbay and increase transfer capacity at this substation
Triangle Road	16.6	12.0	N-1 switched	21.1	138%	24.0	80%	No constraint within +5 years	Meets Vector security criteria - Transformer upgrade planned within 5 years
Victoria	24.4	20.4	N-1 switched	24.4	120%	20.4	130%	No constraint within +5 years	Meets Vector security criteria
Waiake	8.1	0.0	N-1 switched	9.7	-	0.0		No constraint within +5 years	Meets Vector security criteria
Waiheke	10.1	15.0	N-1	3.3	67%	15.0	80%	No constraint within +5 years	Meets Vector security criteria
Waikaukau	9.3	0.0	N-1 switched	9.4	-	0.0		No constraint within +5 years	Meets Vector security criteria
Waimauku	5.7	0.0	N-1 switched	6.7	-	18.0	40%	No constraint within +5 years	Meets Vector security criteria
Wairau Road	17.0	16.0	N-1 switched	20.0	106%	16.0	110%	No constraint within +5 years	Meets Vector security criteria
Warkworth	18.9	18.0	N-1 switched	14.1	105%	18.0	110%	No constraint within +5 years	Meets Vector security criteria
Wellsford	7.7	9.0	N-1	6.1	86%	9.0	100%	No constraint within +5 years	Meets Vector security criteria
Westfield	26.0	22.0	N-1 switched	16.2	118%	22.0	160%	No constraint within +5 years	Meets Vector security criteria
White Swan	30.4	34.7	N-1	19.9	88%	34.7	90%	No constraint within +5 years	Meets Vector security criteria
Wiri	38.0	48.0	N-1	17.7	79%	48.0	90%	No constraint within +5 years	Meets Vector security criteria
Woodford	11.7	0.0	N-1 switched	11.8	-	12.5	100%	No constraint within +5 years	Meets Vector security criteria
1 Extend forecast canacity table as necessary to disclose all cana		h-4-4!	•		•	•	•	•	

¹ Extend forecast capacity table as necessary to disclose all capacity by each zone substation

12b(ii): Transformer Capacity

Distribution transformer capacity (EDB owned)
Distribution transformer capacity (Non-EDB owned)

Total distribution transformer capacity

Zone substation transformer capacity

					Company Name		Vector Limited	
				AMP I	Planning Period	1 April 2	2014 – 31 Marcl	n 2024
	HEDULE 12C: REPORT ON FORECAST NETWORK DEMAND							
	schedule requires a forecast of new connections (by consumer type), peak demand and energy volumes for the assumptions used in developing the expenditure forecasts in Schedule 11a and Schedule 11b and the capac				ould be consistent v	with the supporting in	nformation set out ir	the AMP as well
		.,						
sch re	f							
7	12c(i): Consumer Connections							
8	Number of ICPs connected in year by consumer type				Number of o	onnections		
9	Hamber of the scommence in year by consumer type		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
10		for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19
11	Consumer types defined by EDB*	Г						
12 13	Residential & Small Medium Enterprise (SME) Industrial & Commercial (I & C)	-	5,729 170	7,267 159	9,143 159	11,140 159	12,433 159	10,694 159
14	industrial & commercial (1 & c)	-	-	159	139	139	139	139
15		-	-	-	-	-	-	-
16			-	-	-	-	-	-
17	Connections total	L	5,899	7,426	9,302	11,299	12,592	10,853
18	*include additional rows if needed							
19 20	Distributed generation Number of connections		1,052	2,228	6,926	10,450	10,450	10,450
21	Installed connection capacity of distributed generation (MVA)	-	3	2,228	23	34	34	34
		L		<u> </u>				
22	12c(ii) System Demand							
23 24	Maximum coincident system demand (MW)	forwarended	Current Year CY 31 Mar 14	<i>CY+1</i> 31 Mar 15	CY+2 31 Mar 16	<i>CY+3</i> 31 Mar 17	<i>CY+4</i> 31 Mar 18	<i>CY+5</i> 31 Mar 19
24 25	GXP demand	for year ended	1,736	1,738	1,788	1,827	1,853	1,891
26	plus Distributed generation output at HV and above		10	10	12	14	16	18
27	Maximum coincident system demand		1,746	1,748	1,800	1,841	1,869	1,909
28	less Net transfers to (from) other EDBs at HV and above		-	-	-	-	-	-
29	Demand on system for supply to consumers' connection points	L	1,746	1,748	1,800	1,841	1,869	1,909
30	Electricity volumes carried (GWh)							
31	Electricity volumes carried (GVVII) Electricity supplied from GXPs		8,546	8,535	8,554	8,580	8,612	8,650
32	less Electricity exports to GXPs		-	-	-	-	-	-
33	plus Electricity supplied from distributed generation		101	103	107	114	125	125
34	less Net electricity supplied to (from) other EDBs		-	-	-	-	-	-
35	Electricity entering system for supply to ICPs		8,647	8,638	8,661	8,694	8,737	8,775
36 37	less Total energy delivered to ICPs Losses		8,287 360	8,279 359	8,299 362	8,331 363	8,372 365	8,408 367
38	100063	L	300	333	302	303	303	307
39	Load factor		57%	56%	55%	54%	53%	52%
40	Loss ratio		4.2%	4.2%	4.2%	4.2%	4.2%	4.2%

Company Name

AMP Planning Period

Network / Sub-network Name

Vector Limited

Vector Limited

SCHEDULE 12d: REPORT FORECAST INTERRUPTIONS AND DURATION

This schedule requires a forecast of SAIFI and SAIDI for disclosure and a 5 year planning period. The forecasts should be consistent with the supporting information set out in the AMP as well as the assumed impact of planned and unplanned SAIFI and SAIDI on the expenditures forecast provided in Schedule 11b.

sch re	of the state of th						
8		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
9	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19
10	SAIDI						
11	Class B (planned interruptions on the network)	21.0	19.6	19.6	19.6	19.6	19.6
12	Class C (unplanned interruptions on the network)	125.5	122.8	122.8	122.8	122.8	122.8
13	SAIFI						
14	Class B (planned interruptions on the network)	0.1	0.1	0.1	0.1	0.1	0.1
15	Class C (unplanned interruptions on the network)	1.3	1.4	1.4	1.4	1.4	1.4

Company Name
AMP Planning Period
Network / Sub-network Name

Vector Limited
1 April 2014 – 31 March 2024
Southern Region

SCHEDULE 12d: REPORT FORECAST INTERRUPTIONS AND DURATION

This schedule requires a forecast of SAIFI and SAIDI for disclosure and a 5 year planning period. The forecasts should be consistent with the supporting information set out in the AMP as well as the assumed impact of planned and unplanned SAIFI and SAIDI on the expenditures forecast provided in Schedule 11b.

sch re 8 9 10	for year ended	Current Year CY 31 Mar 14	<i>CY+1</i> 31 M ar 1 5	CY+2 31 M ar 16	<i>CY+3</i> 31 Mar 17	<i>CY+4</i> 31 Mar 18	<i>CY+5</i> 31 Mar 19
11 12	Class B (planned interruptions on the network) Class C (unplanned interruptions on the network)	4.0 63.4	6.3 70.4	6.3 70.4	6.3 70.4	6.3 70.4	6.3 70.4
13 14	SAIFI Class B (planned interruptions on the network)	0.1	0.1	0.1	0.1	0.1	0.1
15	i i i i i i i i i i i i i i i i i i i	0.8	0.9	0.9	0.9	0.9	0.9

Company Name
AMP Planning Period
1 April 2014 – 31 March 2024
Network / Sub-network Name
Northern Region

SCHEDULE 12d: REPORT FORECAST INTERRUPTIONS AND DURATION

This schedule requires a forecast of SAIFI and SAIDI for disclosure and a 5 year planning period. The forecasts should be consistent with the supporting information set out in the AMP as well as the assumed impact of planned and unplanned SAIFI and SAIDI on the expenditures forecast provided in Schedule 11b.

sch re	f						
8		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
9	for year ended	31 Mar 14	31 Mar 15	31 Mar 16	31 Mar 17	31 Mar 18	31 Mar 19
10	SAIDI						
11	Class B (planned interruptions on the network)	46.9	39.8	39.8	39.8	39.8	39.8
12	Class C (unplanned interruptions on the network)	219.6	202.3	202.3	202.3	202.3	202.3
13	SAIFI						
14	Class B (planned interruptions on the network)	0.2	0.2	0.2	0.2	0.2	0.2
15	Class C (unplanned interruptions on the network)	2.1	2.1	2.1	2.1	2.1	2.1