# **Commerce Commission**

# Template Electricity Distribution (Information Disclosure) Requirements Report Schedules

Schedules 2 to 13

2011 TEMPLATE

Version 1.0 Template

31 March 2011

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## **Template Guidelines**

The Template Electricity Distribution (Information Disclosure) Requirements Report Schedules (Templates) have been made available to assist Distribution Business with the completion of their regulatory reporting requirements. The template and more specifically the formula have been prepared to be consistent with the Requirements. For the avoidance of doubt, the Electricity Distribution (Information Disclosure) Requirements, take precedence over the Templates where there is an inconsistency.

The following guidelines have been prepared to assist the preparer of the reports in completing the templates. The templates are linked through formulae. The completion of the templates as outlined below will assist the users in the process of inputting information.

Various disclosures in the reports are ascertainable from other disclosures, therefore where appropriate the template includes formula that automatically populates those disclosures. Therefore where formula is provided, manual input is not required.

<u>Step</u>	Guideline	Reference
Step 1	- Company Name and Dates Insert company name and current financial year (year end date) in cells E4 and F5 of FS1 respectively. Note - only the year of the year end date is to be input (Example -"2008")	FS1
	Insert most recent ODV date in cell I6 of sheet AV1. Note - only the year of the most recent ODV date is to be input (Example -"2004")  Note - that all other dates in the templates will automatically update	AV1
Step 2	P - Asset Valuation Information Enter the asset valuation information into reports AV1, AV2, AV3 and AV4. Points to note:  AV1 Historic Information should be entered first, including - 'Regulatory Value at End of Previous Year' and other previous years information (if required). Note - the previous year information required is entered into the input cells to the left of the non-coloured cells. The current year information input cells will be white once Step 1 is complete.	AV1 AV2 AV3 AV4 AV1
	Indexed Revaluation on line 19 of AV1 is automatically updated once the historic information is complete and the CPI information has been entered into AV1a. The CPI information is determined as outlined in the definitions included in Schedule 1 of the Requirements.	AV1
	Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB information on lines 26 to 28 will be automatically populated once AV1b is complete.	AV1
	For AV1b - 'Input for prior year Acquisitions (Sales) of Assets to (from) another EDB', the prior years information is that which has been disclosed in lines 26, 27 and 41 of AV1 in previous years. Note - there is no requirement to disclosure the Current Financial Year information for AV1b.	AV1
	A report AV4 is to be competed for each merger or asset transfer with another EDB. If there has been no merger or asset transfer activity (as defined by Requirement 6(4)) select 'NO DISCLOSURE REQUIRED' in the drop down menus of cell E6 of each of the AV4's. The Templates allow for three separate merger or asset transfers. The Commission can be contacted if additional AV4 reports are required.	AV4
	AV3a reconciles the difference between the Asset Additions Replacement Cost and Depreciated Replacement cost as disclosed in AV1 and AV3. Cell F38 of AV3 will be automatically populated once line 17 of AV1 is entered. Cell F39 is required to be populated to complete the calculation of the Replacement Cost which flows to Cell F11.	AV1 AV3
	An error message in cells N13 or N21 indicates there is discrepancy between AV1 and AV2.	AV1 AV2

<u>Step</u>	<u>Guideline</u>	Reference
Step 3	- Financial Statements Information	
•	Enter the financial statement information into reports FS1, FS2 and FS3. Points to note:	FS1 FS2
	Discretionary Discounts and Customer Rebates on line 9 of FS1 is automatically populated once FS1a is complete.	FS3 FS1
	Net Value of Vested Assets on line 14 of AV1 is automatically populated once FS1d is complete.	FS1
	Regulatory Tax on line 55 of FS1 is automatically populated once FS3 is complete.	FS1 FS3
	Deductable Interest on line 18 of FS3 is automatically populated once FS2b is complete. The Standard Cost of Debt Assumption is determined as outlined in the definitions included in Schedule 1 of the Requirements.	FS2 FS3
	FS1b, FS1c and FS1e includes supporting information to the disclosures that are made in the main report of FS1 and would be best completed once the main report of FS1 is complete.	FS1
	Section 3 of of the Information Disclosure Handbook outlines the required related party disclosures. FS1b is a summary of this information and the full disclosures will require additional disclosure by way of a separate note.	FS1
	FS3a is supporting information to the disclosures that are made in the main report of FS3 and would be best populated once the main report of FS3 is complete.	FS3
Step 4	- Measurement Performance Information	
•	Enter the measurement performance information into reports MP1, MP2 and MP3. Points to	MP1 MP2
	note:  'Total Business' should be entered into cell E7 of MP1 for disclosures relating to the total business. If additional reports MP1 and MP3 are required (as per Requirements 6(1)(b), 6(1)(c) or 6(4)) a separate file should be created and the name of the network/assets for which the report relates should be entered into cell E7.	MP3 MP1 MP3
	Either 'Annual Disclosure- Requirement 6(1)' or 'Merger or Asset Transfer -	MP1
	Requirement 6(4)' should be selected from the drop down menu in cell E8 Historic information is required in cells J35-J37 and J39 of MP1 and in the Numerator and Denominator of previous years disclosures in MP2 (refer Part 4 - Transitions	MP2
	Provisions for exceptions during the transitional period). The formula for the determination of the Denominator for the Operational Expenditure Ratio, Capital Expenditure Ratio and Distribution Transformer Ratio in MP2 is based on there being no merger or asset transfer activity during the Current Financial Year. If there has been merger or asset transfer activity as determined by Requirement 6(4) the denominator should be calculated as per that Requirement. Therefore the formula in these cells are unlocked so an appropriate entry can be made if required.	MP2
	An error message in cell G32 of MP1 indicates there is a discrepancy between the Overhead Circuit Length disclosure and the Circuit Length by Operating Voltage disclosure	MP1
	An error message in cells L76-L78 of MP3 indicates there is discrepancy between MP3 and FS1 or MP2	FS1 MP2 MP3
Step 5	<ul> <li>Asset Management Information</li> <li>Enter the asset management information into report AM1. Point to note:         <ul> <li>A separate note is to be provided where explanations required in cells D26 and D52 exceed the space provided in those cells.</li> </ul> </li> </ul>	AM1

exceed the space provided in those cells.

		Electricity Distribution Business: Wellington Electric	ricity
		For Year Ended	2011
Income			
		(\$0	000)
	Net Line Charge Revenue Received	148,082	
plus	Discretionary Discounts and Customer Rebates	-	FS
	Gross Line Charge Income	1	48,082
	Capital Contributions	3,402	
plus	Net Value of Vested Assets	_ ·	0.400
	Total Capital Contributions and Vested Assets	_	3,402
	AC Loss Rental Rebates Received	3,866	
less	AC Loss Rental Rebates Passed On	3,672	
	Net AC loss rental income (deficit)	_	194_
	Other Income	240	
			240
	Total regulatory income	1	51,918
	Total regulatory moonie		<u> </u>
Expen	ses		
	Transmission Charges - Payments to Transpower	45,243	
plus	Avoided Transmission Charges - payments to parties other than Transpow		
	Total Transmission Costs		45,394
	Operational Expenditure:		
	General Management, Administration and Overheads	4,774	
	System Management and Operations	14,813	
	Routine and Preventative Maintenance	5,344	to Aft
	Refurbishment and Renewal Maintenance Fault and Emergency Maintenance		to Aft to Aft
	Pass-through Costs	2,105	to An
	Other	-	
	Total Operational Expenditure		31,608 to Mi
Operat	ional earnings		74,915
	Description Contains Fixed Assets (incl. value of assets des	10.007	
plus	Regulatory Depreciation of System Fixed Assets (incl. value of assets dec Depreciation of Non-System Fixed Assets (incl. value of assets decommis		from A' from A'
,	Total Regulatory Depreciation		22,398 to F
Formin	no hotoro interest and toy (EDIT)		50.540
Zarnin	gs before interest and tax (EBIT)		52,518 to F
less	Regulatory Tax Allowance		6,150 from F
plus	Indexed Revaluation (of System Fixed Assets) Revaluations of Non-System Fixed Assets		21,710 from A
			- from A\

## **REPORT FS1: REGULATORY PROFIT STATEMENT (cont)**

## Notes to Regulatory Profit Statement

69	FS1a: Discretionary Discounts: Customer Rebates and other line charge adjustments	(\$000)
70	Customer Rebates	-
71	Line Charge Holidays and other Discretionary Discounts	
72	Total Discretionary Discounts and Customer Rebates	
75	FS1b: Related party expenditure - summary	(\$000)
76	Avoided Transmission Charges	-
77	Operational Expenditure	11,552
78	Subvention Payment	<u> </u>
79	Other related party expenditure	- 44.550
80 81	Total Related Party Expenditure	11,552
82		
02	N.B.: The additional Related Party information that is required to be disclosed in accordance with Section 3	
	of the Information Disclosure Handbook is to be disclosed by way of a separate note to this Schedule and	
83	forms part of this Schedule.	
84		
87	FS1c: Operational Expenditure notes	(\$000)
88		
89	Merger and Acquisition Expenses	
90	Merger and Acquisition Expenses (not to be included in Operational Expenditure)	
91		
92	Material items (if greater than 10% of the Operational Expenditure line item)	
93	Material item amount 1	11,552 Notes to be provided separately
94	within expenditure category:	System Management and Operations
95		-y
96	Material item amount 2	- Notes to be provided separately
97	within expenditure category:	Select one
98		
99	Material item amount 3	- Notes to be provided separately
100	within expenditure category:	Select one
101		
102 103	(further disclosures to b	ne provided on separate page if required)
103		
106	FS1d: Vested Assets	(\$000)
107	Consideration Paid for Vested Assets	
110	FS1e: Reclassified items in Operational Expenditure	(\$000)
111	Value of items which have been reclassified since previous disclosure (if greater than 10% of any affected li	ne item)
112	Previous classification:	Select one
113	New classification:	Select one
114		
115		(\$000)
116	Value of items which have been reclassified since previous disclosure (if greater than 10% of any affected li	ne item)
117	Previous classification:	Select one
118	New classification:	Select one
119		
120		(\$000)
121	Value of items which have been reclassified since previous disclosure (if greater than 10% of any affected li	ne item)
122	Previous classification:	Select one
123	New classification:	Select one
124		
	to be repeated as required for multiple replaceifications	
	to be repeated as required for multiple reclassifications	

## **REPORT FS1: NOTES**

FS1b - Related Party Expenditure
- For the 2011 Regulatory period Wellington Electricity has purchased management services of \$11.6m from International Infrastructure Services Company Limited, which is an associated company of the Group.

- Outstanding Related Party payable as at 31 March 2011 was \$nil.
- No Related Party debts have been written off or forgiven during the financial year.
- No Related Party transactions have taken place at nil or nominal value. All transactions have been on an arms length basis.

## FS1c - Operational Expenditure

Material Item 1 \$11,552 Management Services

Electricity Distribution Business	Wellington Ele	ctricity Lines	
Electronity Distribution Business	For Year Ended	2011	
Capital Expenditure on System Fixed Assets (by primary purpose)		(\$000)	
Customer Connection	4,829		to AM
System Growth	1,533		to AM
Reliability, Safety and Environment	17,528		to AM
Asset Replacement and Renewal	567		to AM
Asset Relocations	1,816		to AM
Total Capital Expenditure on System Fixed Assets		26,273	to AM
Capital Expenditure on Non-System Fixed Assets	-	1,027	from AV
	-	-,	
Capital works roll-forward (for System Fixed Assets)			
Works Under Construction at Beginning of Year	3,786		
plus Total Capital Expenditure on System Fixed Assets	26,273		
less Assets Commissioned in Year	23,819		from AV
Works under construction at year end		6,240	
·	_		
Regulatory Investment Value calculation			
System Fixed Assets: regulatory value at end of Previous Year	486,049		6 A14
Non-System Fixed Assets: regulatory value at end of Previous Year	17,066		from AV from AV
Finance During Construction Allowance (on System Fixed assets)	11,908		2.459
Total Regulatory Asset Base value at beginning of Current Financial Year	11,906	515,023	2.45
Total regulatory Asset base value at beginning of current Financial feat		310,023	
plus   System Fixed Assets Commissioned in Year	23,819		from AV
System Fixed Assets Acquired From (Sold to) a Non-EDB in Year	-		from AV
Non-System Fixed Assets: Asset Additions	1,027		from AV
Regulatory Asset Base investment in Current Financial Year - total	24,846		
Regulatory Asset Base investment in Current Financial Year - average	2.,5.0	12,423	
,		, - 1	
plus (minus) where a merger or acquisition has taken place within the year			
Adjustment for merger, acquisition or sale to another EDB			from AV

## **REPORT FS2: NOTE**

## Works Under Construction at Beginning of Year

A review of historical asset data acquired has determined that \$15,234k worth of additions in the period to 31 March 2009 and \$667k in the period to 31 March 2010 were incorrectly classified as WIP at 31 March 2010. To correct this we have reduced the works under construction at 31 March 2010 by \$15,901k. Correspondingly, the Regulatory Value at 31 March 2010 has been increased to account for these prior period additions. See AV1 - Note for more details.

REP	ORT	FS3: REGULATORY TAX ALLOWANCE CALCU	JLATION			
ref	]		Electricity Distribution Business:	Wellington E	lectricity	
5				For Year Ended	2011	
6						
7					(\$000)	
8		Earnings before interest and tax (EBIT)			52,518	from FS1
9						
10	add	Total Regulatory Depreciation		22,398		from FS1
11		Other Permanent Differences - not deductible		138		
12		Other Temporary Adjustments - Current Period		377	20.010	
13					22,913	
15	less	Non Taxable Capital Contributions and Vested Assets		3,402		
16	,,,,,	Tax Depreciation		37,629		
17		Deductible Discretionary Discounts and Customer Rebates		-		
18		Deductible Interest		13,901		from row 53
19		Other Permanent Differences - Non Taxable		-		
20		Other Temporary Adjustments - Prior Period		-		
21					54,932	
22				_		
23		Regulatory taxable income for Year			20,499	
24						
25	less	Tax Losses Available at Start of Year		-		
26		Net taxable income			20,499	
27						
28		Statutory Tax Rate		30%		
29		Regulatory Tax Allowance			6,150	to FS1

# Notes to Regulatory Tax Allowance Calculation

	FS3a: Description of adjustments classified as "other"
37 38 39 40	The Electricity Distribution Business is to provide descriptions of items recorded in the four "other" categories above (explanatory notes can be provided in a separate note if necessary).
41 42 43 44 45	Other items include: Non-deductible entertainment and legal expenses, doubtful debts, employee bonus provision, and other accruals not deductible in the current period

48	FS3b: Financing assumptions (for Deductible Interest and Interest Tax Shield calculation)
49	
50 51	Standard Debt Leverage Assumption (debt/total assets) 40% %
52	Standard Cost of Debt Assumption 6.59% %
53	
54 55	Deductible Interest 13,901 \$000 to row 18
56	Interest Tax Shield Adjustment 4,170 \$000 to MP2

#### REPORT AV1: ANNUAL REGULATORY VALUATION ROLL-FORWARD REPORT Electricity Distribution Business: ellington Electricity Lines Limit For Year Ended: 2011 2004 Year of most recent ODV 6 7 (\$000) ODV Year + For Year Ending: System Fixed Assets 11 Regulatory Value at End of Previous Year\* 456,218 12 486,049 to FS2 19.894 14 15 Assets Commissioned 14.569 23.819 to FS2 Gross Value of Vested Assets to FS1 Assets Acquired from (Sold to) a Non-EDB Asset Additions 16 17 to FS2 23,819 14,569 19,894 plus 18 19 20 21 22 23 24 25 to FS1 Depreciation of System Fixed Assets Regulatory Value of Assets Decommissioned Regulatory Depreciation (incl. value of assets decommissioned) 10,140 16,325 18,007 18,007 10.277 16.342 to FS1 Acquisition of System Fixed Assets from another EDB less Sale of System Fixed Assets to another EDB Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB from AV4 from AV4 451,927 26 27 28 29 30 31 32 451,927 plus (minus) Net Increase (Decrease) Due to Changes in Asset Register Information 16,943 1,065 33 Regulatory Value of System Fixed Assets at Year End 456.218 486.049 514.637 34 Non-System Fixed Assets 35 36 37 Regulatory value at end of previous year 17,066 plus Asset Additions plus Revaluations plus Revaluations less Depreciation (incl. value of assets decommissioned) plus Net Acquisitions (Sales) of Non-System Fixed Assets from (to) an EDB 17,832 342 1,681 to FS2 to FS1 to FS1 from AV4 38 39 40 41 1,027 4,391 Regulatory Value of Non-System Fixed Assets at Year end 42 43 572 17,066 13,702 45 Total Regulatory Asset Base Value (excluding FDC) - 456,790 503,115 528,339 \* The commencing figure for completing this schedule is the most recent ODV value Note: Additional columns to be added if required

## Notes to Annual Regulatory Valuation Roll-forward Report

57	AV1a: Calculation of Revaluation Rate and Indexed Revaluation of S	ystem Fix	ed Assets						
58	CPI as at date of ODV	928							
59									
60	For Year Ended	2005	2006	2007	2008	2009	2010	2011	
61	CPI at CPI reference date	953	985	1010	1044	1075	1097	1146	
62	Revaluation Rate	2.69%	3.36%	2.54%	3.37%	2.97%	2.05%	4.47%	
63			·	•	•				
64	System Fixed Assets: Regulatory Value at End of Previous Year	-	-	-	-	-	456,218	486,049	
65	Indexed Revaluation of System Fixed Assets	-	-	-	-	-	9,337	21,710 to	FS1, AV1
1		•					•		

68	AV1b: Input for prior year Acquisitions (Sales) of Assets to (from) another ELB						(\$000)	
69	For Year Ended	2005	2006	2007	2008	2009	2010	2011
70	Acquisition of System Fixed Assets from another EDB					451,927		
71	Sale of System Fixed Assets to another EDB							
72	Net Acquisitions (Sales) of Non-System Fixed Assets from (to) an EDB					680		

## **REPORT AV1: NOTES**

#### **Depreciation of System Fixed Assets**

After consultation with engineering firm Sinclair Knight Merz (SKM), the useful life of gas filled cables has been reduced from 70 years to 55 years, effective 1 April 2010. As a result depreciation for 2011 has been increased by \$780k. Including two other depreciation adjustments discussed below, the net impact is an increase in depreciation by \$586k.

#### System Fixed Assets - Net Increase (Decrease) Due to Changes in Asset Register Information

An adjustment has been made in 2011 to include the value of assets that have been found to be in existence and in operation and which were not previously recognised in the Total Regulatory Asset Base Value. The estimate of \$1,065k is based on Depreciated Replacement Costs as per the 2004 ODV Handbook, indexed by the cumulative Revaluation Rate to 31 March 2011.

#### Adjustment to Regulatory Value at 31 March 2010

A review of historical asset data has found an incorrect application of the minimum residual life rule. Applying the correct approach has resulted in lower depreciation for 2011 of \$226k and a higher system fixed assets Regulatory Value of \$1,192k.

As mentioned in the note to schedule FS2 an adjustment has been made regarding Works Under Construction, resulting in an increase to 2011 depreciation of \$32k and an increase to the Regulatory Value of \$15,751k. Total increase to Regulatory Value at 31 March 2010 is \$16,943k. To incorporate this into AV1, the amount has been included as a Net Increase (Decrease) Due to Changes in Asset Register Information in 2010.

#### AV1a: Calculation of Revaluation Rate and Indexed Revaluation of System Fixed Assets

The revaluation rate is based on CPI, defined as the All Groups Index SE9A figure published by Statistics New Zealand. The rate for 2011 includes the one-off GST increase in October 2010 from 12.5% to 15%. If the GST increase was excluded, the Revaluation Rate would decrease by 2.22% to 2.24%. The following items would be subsequently impacted in FS1 and MP2:

Adjusted Regulatory Profit would decrease by \$10,802k to \$57,276k; and Return on Investment would decrease by 2.05% to 10.07%.

	DRT AV2: REGULATORY VALUATION DISCLOSURE ystem Fixed Assets)	BY ASS	SET CLAS	SS						
ref 6 7					Electr	icity Distributi		Wellingto	on Electricity 2011	
8 9 10	s	Subtotals	by Asset (	Class (for S	System Fix		)	ļ	(\$000)	
11	System Fixed Assets	Subtransmission	Zone Substations	Distribution & LV Lines	Distribution & LV Cables	Distribution Substations and Transformers	Distribution Switchgear	Other System Fixed Assets	Total for System Fixed Assets (per AV1)	
12 13 14	Regulatory Value of System Fixed Assets (as per most recent ODV)									from AV1
15 16 17 18 19 20 21	Cumulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) less Regulatory Depreciation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB Net Increase (Decrease) Due to Changes in Asset Register Information Regulatory Value of System Fixed Assets at Year End	1							58,281 31,047 44,627 451,927 18,008 514,637	from AV1 from AV1 from AV1 from AV1 from AV1

ΞP	ORT A	V3: SYSTEM FIXED ASSETS REPLACEMENT COST ROLL-FORWARD REPOR	T	
	1			
ef		Electricity Distribution Business: Wellington Elec	tricity	
		For Year Ended: 20	11	
	System	Fixed Assets - Replacement Cost		
		(\$0	00)	
3		Replacement cost at end of previous year	,102,422	
,				
0		Asset Additions	23,819	AV.
1		Indexed Revaluation (of System Fixed Assets)	49,242	
2	less	The state of the s		
3		Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB		from A
1		Net Increase (Decrease) Due to Changes in Asset Register Information	475 404	
,		Replacement cost of System Fixed Assets at year end	,175,484	
6 7				
	System	Fixed Assets - Depreciated Replacement Cost		
,	Cystem	Tixed Assets Depressited Replacement Cost		
,		Depreciated Replacement Cost at end of previous year	491,326	
1		.,		
2		Asset Additions	23,819	AV
3		Indexed Revaluation (of System Fixed Assets)	21,946	
1	less		18,922	
5	less	Depreciated Replacement Cost of Assets Decommissioned	-	
9		Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB		from A
7		Net Increase (Decrease) Due to Changes in Asset Register Information	1,065	
8		Depreciated replacement cost of System Fixed Assets at year end	519,235	

# REPORT AV3: SYSTEM FIXED ASSETS REPLACEMENT COST ROLL-FORWARD REPORT (cont)

## **Notes to Price and Quality Measures**

36	AV3a: New Asset Additions		
37			
38	Asset Additions - Depreciated Replacement Cost	23,819	from AV1
39	plus Difference in Replacement Cost and Depreciated Replacement Cost values of Asset Additions	-	
40			
41	Asset Additions - Replacement Cost	23,819	
42			

## **REPORT AV3: NOTES**

Replacement Cost at End of Previous Year

The replacement cost has been increased by \$16,213k, which is an adjustment for the same items discussed in AV1 Notes (Adjustments to Regulatory Value at 31 March 2010).

## Depreciated Replacement Cost at End of Previous Year

The replacement cost has been increased by \$16,943k, as discussed in AV1 Notes (Adjustments to Regulatory Value at 31 March 2010).

## **Depreciation of Replacement Cost**

Depreciation has been increased by \$586k, as discussed in AV1 Notes (Depreciation of System Fixed Assets).

7				Elect	tricity Distribut	ion Business:	V	/ellington	Electricity L	ines Limit	ed
Discl	losure required? (YES or NIL DISCLOSURE):	1	NO DISCL	OSURE F	REQUIRE	D					
	. ,										
						Propo	ortion of year	following tran	As at (date): sfer of assets	0%	
PAR	T 1: Most recent ODV valuation of System Fixed	Assets transfe	erred	I	1	le l		1	(\$000)		
						Distribution substations and transformer			<u>s</u>		
						and tre		sts	Asse		
				seu	ables	ions	ear	Fixed Assets	otal for System Fixed Assets		
		E	suo	Distribution & LV Lines	Distribution & LV Cables	ıbstat	Distribution switchgear	Fixe	tem F		
		smiss	substations	ion &	ion &	ion st	ion sv	System	r Sys		
		Subtransmission	Zone su	stribul	stribul	stribul	stribul	Other S	tal fo		
	Replacement Cost (RC)	<u> </u>	Zo	Ö	Ω	ä	Ö	ŏ	. °		
less	s Depreciation								-		
	Depreciated Replacement Cost (DRC)		-	-	-	-		-	-		
less	Optimisation adjustment Optimised Depreciated Replacement Cost (ODRC)		-	-	-	-	-	-	-		
less	s Economic Value Adjustment (EVA)										
	Most recent ODV value		-	-	-	-	-	-	-		
PAR	T 2: Valuation disclosure for transferred assets	by Asset Class	s (at transfe	er date)					ixed Assets	Assets	ٔ ا
PAR	T 2: Valuation disclosure for transferred assets	by Asset Class	s (at transfe	er date)					or System Fixed Assets	stem Fixed Assets	
PAR	T 2: Valuation disclosure for transferred assets	by Asset Class	s (at transfe	er date)					Total for System Fixed Assets	Non-System Fixed Assets	Total RAB value (excl. FDC)
	Regulatory Value of System Fixed Assets (as per most rece		s (at transfe	er date)					Total for System Fixed Assets	Non-System Fixed Assets	
	Regulatory Value of System Fixed Assets (as per most rece mulative roll-forward since most recent ODV: Asset Additions		s (at transfe	er date)					Total for System Fixed Assets	Non-System Fixed Assets	
	Regulatory Value of System Fixed Assets (as per most rece mulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) S Regulatory Depreciation (of System Fixed Assets)	ent ODV)	s (at transfe	er date)					Total for System Fixed Assets	Non-System Fixed Assets	
Cur	Regulatory Value of System Fixed Assets (as per most receint mulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Regulatory Depreciation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets from (to) a Net Increase (Decrease) due to Changes in Asset Register	n EDB	s (at transfe	er date)					Total for System Fixed Assets	Non-System Fixed Assets	<u> </u>
Cur	Regulatory Value of System Fixed Assets (as per most recent mulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Regulatory Operciation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets from (to) a Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date	n EDB	s (at transfe	er date)					Total for System Fixed Assets	Non-System Fixed Assets	Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most receint mulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Regulatory Depreciation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets from (to) a Net Increase (Decrease) due to Changes in Asset Register	n EDB	s (at transfe	er date)					Total for System Fixed Assets	Non-System Fixed Assets	Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most recommulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Regulatory Depreciation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets from (to) a Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date Acquisition of Assets from Another EDB Sale of Assets to Another EDB	n EDB	s (at transfe	er date)					Total for System Fixed Assets	Non-System Fixed Assets	Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most recommulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Indexed Revaluation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets from (to) a Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date Acquisition of Assets from Another EDB Sale of Assets to Another EDB RAB Value of Transferred Assets at Transfer Date "p" factor (proportion of year following transfer of assets)	ent ODV) n EDB Information	s (at transfe	er date)					. Total for System Fixed Assets	Non-System Fixed Assets	Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most recomulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets from (to) a Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date Acquisition of Assets from Another EDB Sale of Assets to Another EDB RAB Value of Transferred Assets at Transfer Date	ent ODV) n EDB Information	s (at transfe	er date)						Non-System Fixed Assets	Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most recommulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Indexed Revaluation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets from (to) a Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date Acquisition of Assets from Another EDB Sale of Assets to Another EDB RAB Value of Transferred Assets at Transfer Date "p" factor (proportion of year following transfer of assets)	n EDB Information								Non-System Fixed Assets	Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most recent mulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Regulatory Operciation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets (not) a Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date Acquisition of Assets from Another EDB Sale of Assets to Another EDB RAB Value of Transferred Assets at Transfer Date "p" factor (proportion of year following transfer of assets) Adjustment for merger, acquisition or sale to another E	n EDB Information				RC & DRC System Fixe	d Assets at			(\$000)	Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most recent mulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets (not) Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date Acquisition of Assets from Another EDB Sale of Assets to Another EDB RAB Value of Transferred Assets at Transfer Date "p" factor (proportion of year following transfer of assets) Adjustment for merger, acquisition or sale to another E T 3: Rolled-forward Replacement Cost values fo Net Acquisitions (Sales) of System Fixed Assets from (to) a	n EDB Information  DB  r System Fixed					d Assets at		- 0%	(\$000)	on Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most recomputative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Regulatory Depreciation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets from (to) a Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date Acquisition of Assets from Another EDB Sale of Assets to Another EDB RAB Value of Transferred Assets at Transfer Date "p" factor (proportion of year following transfer of assets) Adjustment for merger, acquisition or sale to another ET T 3: Rolled-forward Replacement Cost values for	n EDB Information  DB  r System Fixed				System Fixe	d Assets at			(\$000)	Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most recent mulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets (not) Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date Acquisition of Assets from Another EDB Sale of Assets to Another EDB RAB Value of Transferred Assets at Transfer Date "p" factor (proportion of year following transfer of assets) Adjustment for merger, acquisition or sale to another E T 3: Rolled-forward Replacement Cost values fo Net Acquisitions (Sales) of System Fixed Assets from (to) a	n EDB Information  DB  r System Fixed n EDB - RC n EDB - DRC		ansferred		System Fixe	d Assets at			(\$000)	op Total RAB value (excl. FDC)
Cur	Regulatory Value of System Fixed Assets (as per most recent mulative roll-forward since most recent ODV: Asset Additions Indexed Revaluation (of System Fixed Assets) Net Acquisitions (Sales) of System Fixed Assets (not) Net Increase (Decrease) due to Changes in Asset Register RAB Value of Transferred Assets at Transfer Date Acquisition of Assets from Another EDB Sale of Assets to Another EDB RAB Value of Transferred Assets at Transfer Date "p" factor (proportion of year following transfer of assets) Adjustment for merger, acquisition or sale to another E T 3: Rolled-forward Replacement Cost values fo Net Acquisitions (Sales) of System Fixed Assets from (to) a	n EDB Information  DB  r System Fixed				System Fixe	d Assets at			(\$000)	Total RAB value (excl. FDC)

REPORT AV4: BUSINESS MERGER, ACQUISITION OR SALE - REGULATORY ASSET BASE DISCLOSURE											
		W	Wellington Electricity Lines Limited								
ref 6	Disclosure required? (YES or NIL DISCLOSURE):	N	NO DISCL	OSURE F	EQUIRE	D					
7											
9		As at (date):  Proportion of year following transfer of assets 0%									
10 11	DART 1. Most recent ORV religation of System Fixed Asset	And a control ODV unless for all Outs as Florid Acceptances for and									
12	PART 1: Most recent ODV valuation of System Fixed Ass	sets transie	rreu			orme			(\$000)		
				nes	ables	ions and transfe	lear	d Assets	Fixed Assets		
		Subtransmission	Zone substations	Distribution & LV Lines	Distribution & LV Cables	Distribution substations and transforme	Distribution switchgea	Other System Fixed Assets	otal for System Fixed Assets		
13 14	Replacement Cost (RC)		Zo	οii	ä	ä	ΝĬΟ	Ot	- 1		
15 16 17 18	less Depreciation Depreciated Replacement Cost (DRC)	-	-			-		-	•		
19 20	less Optimisation adjustment Optimised Depreciated Replacement Cost (ODRC)		-		-	-	-		-		
21 22 23 24	less Economic Value Adjustment (EVA) Most recent ODV Value		-	-		-			-		
24 25 26	PART 2: Valuation disclosure for transferred assets by A	land Class	/at transfer	u data)							(0000)
26	PART 2: Valuation disclosure for transferred assets by A	ASSEL CIASS	(at transie	er date)					ts		(\$000)
									Total for System Fixed Assets	Von-System Fixed Assets	fotal RAB value (excl. FDC)
27 28	Regulatory Value of System Fixed Assets (as per most recent	ODV)							<u> </u>	2	<u> </u>
29 30 31	Cumulative roll-forward since most recent ODV: Asset Additions										
32 33 34 35	Indexed Revaluation (of System Fixed Assets)  less Regulatory Depreciation (of System Fixed Assets)  Net Acquisitions (Sales) of System Fixed Assets from (to) an E  Net Increase (Decrease) Due to Changes in Asset Register Infe	DB ormation									
36 37	RAB Value of Transferred Assets at Transfer Date								-		· ·
38 39	Acquisition of Assets from Another EDB Sale of Assets to Another EDB								-	]	to AV1 to AV1
40 41 42	RAB Value of Transferred Assets at Transfer Date										
43 44	"p" factor (proportion of year following transfer of assets)  Adjustment for merger, acquisition or sale to another EDE								0%	- 1	to FS2
45 46											
47	PART 3: Rolled-forward Replacement Cost values for Sy	stem Fixed	Assets tra	insferred		RC & DRC	values of			(\$000)	
48 49 50	Net Acquisitions (Sales) of System Fixed Assets from (to) an E Net Acquisitions (Sales) of System Fixed Assets from (to) an E					System Fixe transfe	ed Assets at		RAB va acquired/(so		to AV3
51 52 53		Signed by:		Selling Entity							
54 55 56 57				Acquiring Ent	ity						

REP	ORT AV4: BUSINESS MERGER, ACQUISITION O	R SALE -	REGULA	TORY AS	SET BAS	SE DISCL	OSURE				
	1			Electri	icity Distribut	Wellington Electricity Lines Limited					
ref 6	Disclosure required? (YES or NIL DISCLOSURE):	NO DISCLOSURE REQUIRED									
7 8		As at (date):									
9		Proportion of year following transfer of assets 0%									
11	PART 1: Most recent ODV valuation of System Fixed Ass	ets transfe	erred						(\$000)		
						sforme			(4000)		
						Distribution substations and transforme		s,	ssets		
				seu	ables	ions ar	ear	System Fixed Assets	rotal for System Fixed Assets		
		sion	tions	Distribution & LV Lines	Distribution & LV Cables	ubstat	Distribution switchgear	n Fixec	stem F		
		Subtransmission	Zone substations	ution 8	ution 8	utions	ution s	Syster	for Sys		
13		Subtra	Zone (	Distrib	Distrib	Distrib	Distrib	Other	Total		
14 15	Replacement Cost (RC)								-		
16 17 18	less Depreciation Depreciated Replacement Cost (DRC)	-				-					
19 20	less Optimisation adjustment Optimised Depreciated Replacement Cost (ODRC)		-		-			-	-		
21 22 23	less Economic Value Adjustment (EVA)  Most recent ODV Value								-		
23 24 25	MOST recent ODV value		-		-	-	-		_		
26	PART 2: Valuation disclosure for transferred assets by A	sset Class	(at transfe	r date)					1		(\$000)
									ssets		©
									System Fixed Assets	ssets	RAB value (excl. FDC)
									tem F	-System Fixed Assets	e) enlu
									for Sys	stem	AB ve
27									Fotal f	Zon-S,	Fotal F
28 29	Regulatory Value of System Fixed Assets (as per most recent 0	ODV)							_ ·		<del>-</del> _
30 31	Cumulative roll-forward since most recent ODV: Asset Additions										
32 33 34	Indexed Revaluation (of System Fixed Assets)  less Regulatory Depreciation (of System Fixed Assets)  Net Acquisitions (Sales) of System Fixed Assets from (to) an E	DR									
35 36	Net Increase (Decrease) Due to Changes in Asset Register Info RAB Value of Transferred Assets at Transfer Date	rmation							-		-
37 38	Acquisition of Assets from another EDB								-	-	to AV1
39 40	Sale of Assets to another EDB								-		to AV1
41 42 43	RAB Value of Transferred Assets at Transfer Date "p" factor (proportion of year following transfer of assets)								- 0%		
44 45	Adjustment for merger, acquisition or sale to another EDB										to FS2
46 47	PART 3: Rolled-forward Replacement Cost values for Sy	stem Fixed	Assets tra	nsferred						(\$000)	
	,					System Fix	values of ed Assets at		RAB va	lue of	
48 49	Net Acquisitions (Sales) of System Fixed Assets from (to) an E					transf	er date		acquired/(se	old) assets	to AV3
50 51	Net Acquisitions (Sales) of System Fixed Assets from (to) an E	DB - DRC									to AV3
52 53 54		Signed by:		Selling Entity							
54 55 56				Acquiring En	tity						
57											

#### **REPORT MP1: NETWORK INFORMATION** (Separate report required for each Non-Contiguous Network) Electricity Distribution Business: Wellington Electricity Lines For Year Ended: 2011 6 **Wellington Electricity Lines Limited** 7 Network Name: enter "Total Business" or name of network) Disclosure: Circuit Length by Operating Line Voltage (at year end) 10 Overhead Underground Total (km) 11 (km) (km) 12 > 66kV 13 50kV & 66kV 212 14 33kV 58 154 15 SWER (all SWER voltages) 16 17 22kV (other than SWER) 6.6kV to 11kV (inclusive - other than SWER) 1,737 Low Voltage (< 1kV) Total circuit length (for Supply) 18 2.656 19 1,759 2,845 4,604 to MP2 20 **Dedicated Street Lighting Circuit Length** 21 90 296 386 22 23 Overhead Circuit Length by Terrain (at year end) (km) (%) Urban (only) Rural (only) 78% 22% 24 25 1,366 26 27 Remote (only) 0% Rugged (only) 0% 28 Rural & rugged (only) Remote & rugged (only) Unallocated overhead lines Total overhead length 29 30 31 0% 1.759 32 33 Transformer capacity (at year end) 34 Previous Year Distribution Transformer Capacity (EDB Owned) 1,338 MVA 35 1,330 Distribution Transformer Capacity (Non-EDB Owned, Estimated) 36 MVA 37 **Total Distribution Transformer Capacity** 1 338 MVA (to MP2) 1.330 38 39 Zone Substation Transformer Capacity 1,138 MVA 1 138 40 System Fixed Assets age (at year end) 41 42 Average Age of System Fixed Assets 32 Year 43 Average Expected Total Life of System Fixed Assets 56 Years 58% 44 Average Age as a Proportion of Average Expected Total Life 46 47 48 Estimated Proportion of Assets (by Replacement Cost) within 10 years of Total Life 29% % 49 50 Maximum coincident Non-coincident 51 **Electricity demand** Sum of maximum system 52 and (MW) demands (MW) 53 **GXP Demand** Embedded Generation Output at HV and Above 55 Maximum System Demand Net Transfers to (from) Other EDBs at HV and Above 570 56 57 **Demand on system for supply to customers' Connection Points**Subtransmission Customers' Connection Point Demand 570 58 570 59 Maximum Distribution Transformer Demand to MP2 60 GXP Demand not Supplied at Subtransmission Level Embedded Generation Output - Connected to Subtransmission System Net Transfers to (from) Other EDBs at Subtransmission Level Only 61 62 94 63 64 65 66 Estimated Controlled Load Shed at Time of Maximum System Demand (MW) 13 1.3 % p.a 67 68 Five-Year System Maximum Demand Growth Forecast 69 **Electricity volumes carried** (GWh) Electricity Supplied from GXPs 70 71 72 less Electricity Exports to GXPs Electricity Supplied from Embedded Generators Net Electricity Supplied to (from) Other EDBs 73 74 less Electricity entering system for supply to customers' Connection Points Electricity Supplied to Customers' Connection Points 2,580 75 76 less to MP2 Electricity Losses (loss ratio) 125 4.8% % 77 78 Electricity Supplied to Customers' Connection Points 2,455 Electricity Supplied to Largest 5 Connection Points Electricity supplied other than to Largest 5 Connection Points 79 80 2,381 81 Load Factor 82 52% % 83 Number of Connection Points (at year end) 164,250 ICPs 84 to MP2 85 Intensity of service requirements Demand Density (Maximum Distribution Transformer Demand / Total circuit length) 124 kW/km 533 MWh/km 87 88 Volume Density (Electricity Supplied to Customers' Connection Points / Total circuit length) Connection Point Density (ICPs / Total circuit length) Energy Intensity (Electricity Supplied to Customers' Connection Points / ICP) 36 ICP/km 14,946 kWh/ICF 89 90

ΕP	ORT MP2: PERFORMANCE MEASURES						
ef		E	lectricity Distribu	ution Business:	ington Elect	ricity Lines Lin	
5			locationly Biotribe	L	For Year Ender		
	Performance comparators						
	·		Pı	revious Years	:	Current	
						Financial Year	
			Current Yr - 3	Current Yr - 2	Current Yr - 1	rear	
	Operational expenditure ratio						
		nal Expenditure		18	31	32	
	Replacement Cost of System Fixed Asset	Ratio (%)	Not defined	1,045	1,086 2.87%	1,175 2.69%	
		natio (%)	Not defined	1.7770	2.01 %	2.09%	76
	Capital expenditure ratio						
	Total Capital Expenditure on Syste.	m Fixed Assets		24	19	26	\$m from F
	Replacement Cost of System Fixed Asset			1,045	1,086	1,175	\$m from A
I		Ratio (%)	Not defined	2.29%	1.77%	2.24%	%
	O						
	Capital expenditure growth ratio						
	Capital Expenditure: Customer Connection and			-	7	6	
	Change in Total Distribution Transf		Net defined	1,327	3		MVA from M
		\$/kVA	Not defined	-	2,455	771	\$/KVA
ı	Renewal expenditure ratio						
	Capital & Operational Expenditure: Asset Replacement, Refurbishmen	nt and Renewal		-	2	1	\$m from FS1 a
	Regulatory Depreciation of System			10	16	18	\$m from A
ı		Ratio (%)	Not defined	0%	12%	6%	%
	Distribution Transformer Capacity Utilisation						
	Maximum Distribution Transi			529	565	570	
	Total Distribution Transformer Capacit		No. d. C d	1,327	1,330	1,338	
		Ratio (%)	Not defined	39.9%	42.5%	42.6%	%
	Return on Investment						
	Regulatory Profit / Loss (pre-financing ar	nd distributions)		30	59	68	\$m from F
	less Interest Tax Sh			3	3	4	
		Regulatory Profit	-	27	56	64	•
	•	restment Value		316	487	527	•
	,	Ratio (%)	Not defined	8.63%	11.49%	12.12%	
			* If a Merger or Asse the year, the denomi				
	Expenditure comparison table		are year, the delicition		uo uno woignieu d	roragos.	
	•		Expend	iture metrics (\$	per):		
			Electricity Supplied to	Maximum		Distribution	
		Total circuit	Customers'	coincident		Transformer	
		length (for	Connection	system	Connection	Capacity (EDB-	
		Supply)	Points	demand	Point	Owned)	
		(\$/km)	(\$/MWh)	(\$/MW)	(\$/ICP)	(\$/MVA)	
	Capital Expenditure (\$) per	5,929	11	47,856	166	20,400	from FS2 & M
			T I				

#### **REPORT MP3: PRICE & QUALITY MEASURES** (Separate report required for each Non-contiguous Network) Electricity Distribution Business: Vellington Electricity Lines Limite For Year Ended: 2011 6 Network Name Wellington Electricity Lines Limited Annual Disclosure - Requirement 6(1) Disclosure QUALITY 10 11 12 Interruptions Interruptions by class 13 Class A Class B planned interruptions by Transpower planned interruptions on the network 14 15 unplanned interruptions on the network unplanned interruptions by Transpower 16 17 Class C 204 unplanned interruptions of network owned generation unplanned interruptions of generation (non-network) 18 19 Class E 20 Class G unplanned interruptions caused by other electricity industry participant 21 nned interruptions caused by other electricity industry participant 22 Total 261 Total of above 23 Interruption targets for Forecast Year 2012 Current Financial Year +1 24 planned interruptions on the network unplanned interruptions on the network 25 26 Class C 27 Average interruption targets for 5 Forecast Years 2012-2016 Current Financial Year +1 to +5 28 Class B Class C 29 planned interruptions on the network unplanned interruptions on the network 30 31 Class C interruptions restored within ≤3Hrs >3hrs 32 33 34 35 Faults per 100 circuit kilometres The total number of faults for Current Financial Year 36 37 11.90 2011 in year The total number of faults forecast for the Forecast Year The average annual number of faults forecast for the 5 Forecast Years 38 2012 2012-2016 39 average over years 40 41 Fault Information per 100 circuit kilometres by Voltage and Type 6.6kV & 11kV 22kV non-non-SWER SWER SWER 33kV 50kV & 66kV 42 >66kV Is this voltage part of the EDB system? Yes 44 Current Financial Year Forecast Year Average annual for 5 Forecast Years 46 Fault Information per 100 circuit kilometres by Voltage and Type 48 6.6kV & 11kV 22kV nonnon-SWER SWER SWER 33kV 50kV & 66kV >66kV Underground 50 4.04 1.30 Overhead 30.43 52 53 Reliability 54 Overall reliability SAIDI SAIFI CAIDI Based on the total number of interruptions 0.54 64.81 55 56 57 Reliability by interruption class SAIDI CAIDI SAIFI Class B Class C 58 59 60 61 **Targets for Forecast Year** SAIDI 62 63 64 65 Average targets for 5 Forecast Years SAIDI CAIDI 66 67 138.80 61.36 33.55 Class C 68 69 70 PRICES 71 72 **Price information by Connection Point Class** 73 74 Connection Point Class 75 Gross line charge income (\$000) 95,976 18,457 31,808 1,841 148,082 from FS1 77 Electricity Supplied to Customers' Connection Points (MWh) 1,164,448 380,817 835,335 2,454,879 74,279 78 Number of Connection Points (ICPs) at year end 152,379 10,831 1,035 164,250 from MP1 Unit Price (cents/kWh) 79 8.2 4.8 3.8 2.5 6.0 Relative Unit Price Index 1.00 0.59 80 81

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#### **REPORTS MP1 AND MP3: NOTES**

#### MP1

Circuit Length by Operating Voltage

All fields except the 'Dedicated Street Lighting Circuit Length' are derived from Wellington Electricity Lines Limited's (WELL) Geographic Information System (GIS) data and do not rely on estimates. WELL's GIS is subject to continual refinement as to accuracy and completeness. The 'Dedicated Street Lighting Circuit Length' is based on GIS data for total street lighting circuit length with the assumption that the split between dedicated and shared street lighting circuits is the same as in the 2004 ODV

#### Overhead Circuit Length by Terrain

All values are derived from GIS which was overlaid with urban/rural boundary demarcations. The boundaries were selected based on assumed location of boundaries drawn on a map and transferred into GIS. These boundaries were set during WELL's first disclosure period in 2009. The boundaries are reviewed annually and refined as appropriate.

#### Transformer Capacity

Data for these fields was obtained directly from GIS. WELL's GIS is subject to continual refinement as to accuracy and completeness.

This information is from half hourly billing data taken from revenue meters installed at each grid exit point (GXP) as provided to WELL from Energy Market Services (EMS). Embedded generation data also came from EMS. No estimated values were used, however, this data is subject to correction over a 12 month period.

#### Flectricity Volumes Carried

Electricity supplied to Customers' Connection Points is derived from billing information supplied by electricity retailers.

#### MP3

#### Quality - Interruptions

Information on the number of interruptions to consumers is taken from a combination of WELL's event related network control room fault logs as recorded by the duty operator, and the ENMAC network control system. This applies to both unplanned (forced) and planned (scheduled) outages. The reporting criteria is consistent wih the requirements of the Commerce Commission<sup>[1]</sup>.

## Quality - Interruption Targets

WELL's interruption targets are consistent with those required by the Commerce Commission<sup>[1]</sup>.

Quality - Faults

These are determined by dividing fault data by network length for each circuit type and voltage as required by the schedule. Forecasts of the number of faults for future years are consistent with reliability targets as required by the by the Commerce Commission<sup>[1]</sup>.

Information on all classes of interruption is taken from a combination of WELL's event related network control room fault logs as recorded by the duty operator, and the ENMAC network control system. This applies to both unplanned (forced) and planned (scheduled) outages. Reliability targets are consistent with those required by the Commerce Commission<sup>[1]</sup>

#### Price

The classification of pricing classes was made based on the same methodology used for the previous year's disclosure statement. The connection points are classified into 'load groups' in the WELL billing system as per the table below, which also includes mapping to 'connection point class' categories as required by the MP3 schedule

WELL Load Group	Connection Point Class
Domestic	Small
Large Industrial	Large
Small Commercial <15kVA	Small
Small Industrial	Large
Large Commercial	Large
Medium Commercial	Large
Small Commercial >15kVA	Medium
Unmetered	Small

[1] The Commerce Act (Flectricity Distribution Default Price-Quality Path) Determination 2010

, A	\ Fig		Elec	ctricity Distribu	ition Business:	Wellington	Electricity	
-	N Fire reason for a control of commendations				_	r Year Ended	2011	
	A) Five year forecasts of expenditure						(\$000)	
	From most recent Asset Management Plan	Actual for		ı	Forecast Years			
		Current						
ľ	for your and of	Financial Year	year 1	year 2	year 3	year 4	year 5	
	for year ended Capital Expenditure: Customer Connection	<b>2011</b> 4,829	<b>2012</b> 7,789	<b>2013</b> 6,195	<b>2014</b> 5,989	<b>2015</b> 5,919	<b>2016</b> 9,030	from
	Capital Expenditure: System Growth	1,533	3,624	8,793	5,653	4,282	6,506	from
	Capital Expenditure: Reliability, Safety and Environment	17,528	13,286	12,550	15,967	18,481	13,779	from
	Capital Expenditure: Asset Replacement and Renewal	567	637	493	492	487	653	from
	Capital Expenditure: Asset Relocations	1,816	1,240	1,240	1,240	1,240	1,240	from I
	Subtotal - Capital Expenditure on asset management	26,273	26,576	29,271	29,341	30,409	31,208	
	Operational Expanditure: Pouting and Proventative Maintenance	5 244	5 764	E 016	E 000	E 000	5.042	<b>6</b>
	Operational Expenditure: Routine and Preventative Maintenance  Operational Expenditure: Refurbishment and Renewal Maintenance	5,344 600	5,764 645	5,816 645	5,883 645	5,888 645	5,943 645	from I from I
	Operational Expenditure: Fault and Emergency Maintenance	3,971	4,865	4,910	4,966	5,013	5,060	from I
	Subtotal - Operational Expenditure on asset management	9,915	11,274	11,371	11,494	11,546	11,648	
	Total direct expanditure on distribution naturals	36,188	37,850	40,642	40,835	41,955	42,856	
	Total direct expenditure on distribution network	36,188	37,850	40,642	40,835	41,955	42,856	
	Overhead to Underground Conversion Expenditure	-	-	-	-	-	-	
	The Electricity Distribution Business is to provide the amount of Overhead to Underground Conversion Expenditure included in each of the above Expenditure Categories (explanatory							
	notes can be provided in a separate note if necessary).							
			Financial Year (a)	Financial Year (b)	% Variance (a)/(b)-1			
	Capital Expenditure: Customer Connection		4,829	5,428	-11.0%			from row
	Capital Expenditure: System Growth	-	1,533	2,279	-32.7%			from row
	Capital Expenditure: Reliability, Safety and Environment		17,528	12,951	35.3%			from row
	Capital Expenditure: Asset Replacement and Renewal		567	452	25.5%			from row
	Capital Expenditure: Asset Relocations	_	1,816	1,180	53.9%			from row
	Subtotal - Capital Expenditure on asset management		26,273	22,290	17.9%			
	Operational Fundamental Parties and Provided the Maintenance		- a l	5.400	0.00			
	Operational Expenditure: Routine and Preventative Maintenance Operational Expenditure: Refurbishment and Renewal Maintenance		5,344 600	5,499 614	-2.8%			from row
	Operational Expenditure: Returbishment and Renewal Maintenance  Operational Expenditure: Fault and Emergency Maintenance		3,971	4,584	-13.4%			from row
	Subtotal - Operational Expenditure on asset management		9,915	10,697	-7.3%			
	, , , , , , , , , , , , , , , , , , , ,		-/-	.,				
			36,188	32,987	9.7%			
	Total direct expenditure on distribution network							
	Total direct expenditure on distribution network							
	Total direct expenditure on distribution network  Explanation of variances							
	·	nce of more than 10	%					
	Explanation of variances  Distribution Business must provide a brief explanation for any line item varian	nce of more than 10	%					
	Explanation of variances	nce of more than 10	%					
	Explanation of variances  Distribution Business must provide a brief explanation for any line item varian	nce of more than 10	%					
	Explanation of variances  Distribution Business must provide a brief explanation for any line item varian	nce of more than 10	<b>1%</b>					
	Explanation of variances  Distribution Business must provide a brief explanation for any line item varian	nce of more than 10	%					
	Explanation of variances  Distribution Business must provide a brief explanation for any line item varian	nce of more than 10	%					

## **REPORT AM1: NOTES**

Explanations for line items in AM1 Schedule with a variance of more than 10% between actuals and forecast

Capital Expenditure: Customer Connection

The variance compared to forecast is due to a large number of commercial substations and subdivisions not proceeding in 2011 due to economic drivers.

Capital Expenditure: System Growth

The variance compared to forecast is due to savings gained on several large projects and lower growth than expected.

Capital Expenditure: Reliability, Safety and Environment

The variance is due to a large 33kV sub transmission cable replacement project in 2011

Capital Expenditure: Asset Replacement and Renewal

The variance compared to forecast is due to a higher number of third party damage incidents on the network.

Capital Expenditure: Asset Relocations

The variance compared to forecast is due to several unplanned cable relocations in 2011.

Operational Expenditure: Fault and Emergency Maintenance
The variance is due to less incident related maintenance on the network.

The variances are in part driven by assumptions made at the time of acquisition as to expected expenditure requirements. These variances will continue as the business refines its asset management processes.

Forecast Assumptions

The assumptions underpinning the forecast information in this schedule are contained in the 1 April 2011 to 31 March 2021 Asset Management Plan for Wellington Electricity

## FORM 1 - CERTIFICATE FOR DISCLOSED INFORMATION

Pursuant to Requirement 11(1)

We, Richard Pearson and Andrew Hunter, directors of Wellington Electricity Lines Limited certify that, having made all reasonable enquiry, to the best of our knowledge, the following attached audited information of Wellington Electricity Lines Limited prepared for the purposes of requirements 3, 4, 6 and 7(5) of the Commerce Commission's Electricity Distribution (Information Disclosure) Requirements 2008 complies with those Requirements -

- (i) Report FS1: Regulatory Profit Report;
- (ii) Report FS2: Regulatory Asset and Financing Report;
- (iii) Report FS3: Regulatory Tax Allowance Report;
- (iv) Report AV1: Annual Regulatory Valuation Roll-Forward Report;
- (v) Report AV2: Valuation Disclosure by Asset Class (for System Fixed Assets);
- (vi) Report AV3: System Fixed Assets Replacement Cost Roll-Forward Report:
- (vii) Report AV4: Merger or Acquisition Regulatory Asset Base Disclosure;
- (viii) Report MP1: Network Information Report;
- (ix) Report MP2: Performance Measures Report;
- (x) Report MP3: Price and Quality Report; and
- (xi) Report AM1: Expenditure Forecasts and Reconciliation.

X----

Richard Pearson

Andrew Hunter

30 August 2011

# FORM 4 – STATUTORY DECLARATION FOR PUBLICLY DISCLOSED INFORMATION

Pursuant to Requirement 13(1)

I, Andrew J. Hunter, of Hong Kong, being a director of Wellington Electricity Lines Limited, solemnly and sincerely declare that having made all reasonable enquiry, to the best of my knowledge, the information attached to this declaration is a true copy of information made available to the public by Wellington Electricity Lines Limited under the Commerce Commission's Electricity Distribution (Information Disclosure) Requirements 2008.

And I make this solemn declaration conscientiously believing the same to be true and by virtue of the Oaths and Declarations Act 1957.

Declared at	12 how, Chengi	Kny Catrathis 2	2రో day of August 20	)11.
1		ywy		
Andrew J. H	unter			

Justice of the Peace (or Solicitor or other person authorised to take a statutory

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declaration).



## INDEPENDENT ASSURANCE REPORT TO THE BOARD OF DIRECTORS

## **Report on the Information Disclosure**

We have audited the attached Information Disclosure Report on pages 5 to 25, comprised of reports FS1, FS2, FS3, AV1, AV2, AV3, AV4, MP1, MP2, MP3 and AM1 of Wellington Electricity Lines Limited (WELL) for the year ended 31 March 2011 (the Disclosure Report). This information is stated in accordance with the Electricity Distribution (Information Disclosure) Requirements 2008 (the Requirements) and the methodologies described on pages 23 and 25.

## Responsibilities of the Board of Directors for the Disclosure Report

The Board of Directors is responsible for the preparation and certification of the Disclosure Report for the year ended 31 March 2011 in accordance with the Requirements, and for such internal control as the Board of Directors determine is necessary to enable the preparation of the historical financial information contained in FS1, FS2, FS3, AV1, AV2, AV3, AV4, MP2, MP3 and AM1 that is free from material misstatement, whether due to fraud or error.

## Auditor's responsibility

Our responsibility is to express an opinion on the Disclosure Report in accordance with clause 10 of the Requirements based on our audit.

In relation to the historical financial information, we conducted our audit in accordance with International Standards on Auditing and International Standards on Auditing (New Zealand) with the objective of providing reasonable assurance that the disclosures of the historical financial information set out in reports FS1, FS2, FS3, AV1, AV2, AV3, AV4, MP2, MP3 and AM1 (the reports) for the year ended 31 March 2011 have been properly presented, in all material respects, in accordance with the Requirements. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the above reports are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the reports. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation of the reports that give a true and fair view of the matters to which they relate in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of accounting estimates, as well as the overall presentation of the reports.

In relation to the historical non-financial information, we conducted our audit in accordance with the Standard on Assurance Engagements (New Zealand) 3100: *Compliance Engagements* (SAE 3100) with the objective of providing reasonable assurance that the disclosures of the historical non-financial information set out in reports MP1, MP2 and MP3 for the year ended 31 March 2011 have been properly compiled in accordance with guidance issued pursuant to the Requirements and calculated based on the un-audited source data provided by WELL.

# Our procedures included:

- Reviewing the methodologies used in preparing the non-financial information included in reports MP1, MP2 and MP3 and confirming that they are in accordance with the guidance issued pursuant to the Requirements and the methodologies described on pages 23; and
- Identifying key inputs to the information in reports MP1, MP2 and MP3 and reconciling or agreeing them to source documents and systems.

# Deloitte.

In relation to the prospective financial and non-financial information, we conducted our audit in accordance with SAE 3100 with the objective of providing reasonable assurance that the disclosures of the prospective financial and non-financial information set out in reports AM1 and MP3 have been (where applicable and except to the extent that amendments to those requirements have changed that basis) presented on a basis consistent with the regulatory accounting and technical measurement requirements used for disclosures for the financial years ended 31 March 2011 and 31 March 2010, and calculated based on assumptions and un-audited source data provided by WELL. The assumptions relate to future events. We do not express an opinion on these assumptions and source data.

## Our procedures included:

- Reviewing the methodologies used in preparing the prospective financial or non-financial information included in report AM1 and MP3 (where applicable and except to the extent that amendments to those requirements have changed that basis) and confirming that they are presented on a basis consistent with the regulatory accounting or technical measurement requirements used for disclosures for the 31 March 2011 financial year and the 31 March 2010 financial year; and
- Identifying key inputs in the prospective financial and non-financial information included in reports AM1 and MP3 and reconciling, recalculating or agreeing them to un-audited source data.

Actual results are likely to be different from the prospective financial and non-historical information since anticipated events frequently do not occur as expected and the variation could be material.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### Inherent limitations

Because of the inherent limitations in evidence gathering procedures, it is possible that fraud, error or non-compliance may occur and not be detected. As the procedures performed for this engagement are not performed continuously throughout the year and the procedures performed in respect of WELL's compliance with the Requirements are undertaken on a test basis, our engagement cannot be relied on to detect all instances where WELL may not have complied with the Requirements. Our opinion has been formed on the above basis.

## Independence

We have no relationship with or interests in WELL, other than in our capacity as auditor (including other regulatory audit services) and the provision of taxation advice. We have complied with the Independent Auditor provisions specified in clause 2(1) of the Requirements.

## **Opinion**

We have obtained all the information and explanations we have required

## In our opinion;

- Proper records have been kept by WELL to enable the complete and accurate compilation of required information, as far as appears from our examination of those records; and
- The Disclosure Report for the year ended 31 March 2011, and in particular the reports FS1, FS2, FS3, AV1, AV2, AV3, AV4, MP1, MP2, MP3 and AM1 comply with the Requirements as further outlined below:

# Deloitte.

- The historical financial information included in reports FS1, FS2, FS3, AV1, AV2, AV3, AV4, MP2, MP3 and AM1 has been presented in all material respects in accordance with the Requirements;
- The historical non-financial information included in reports MP1, MP2 and MP3 has been compiled in accordance with the guidance issued pursuant to the Requirements and calculated based on un-audited source data provided by WELL and the methodologies described on page 23; and
- The prospective financial and non-financial information included in reports AM1 and MP3 has been (where applicable and except to the extent that amendments to those requirements have changed that basis) presented on a basis consistent with the regulatory accounting and technical measurement requirements used for disclosures for the current financial year and the immediately preceding financial year, and has been calculated based on un-audited source data, the methodologies and the assumptions described on pages 23 and 25 provided by WELL.

#### Restriction on Distribution and Use

This report has been prepared solely to provide assurance that the Disclosure Report prepared by WELL for the year ended 31 March 2011 complies with the Requirements. We understand that a copy of this report has been requested by the Commerce Commission for their use in connection with this purpose. We agree that a copy of this report may be provided to the Commerce Commission. This report is not to be used for any other purpose, recited or referred to in any document, copied or made available (in whole or in part) to any other person without our prior written consent. We accept or assume no duty, responsibility or liability to any party, other than you, in connection with this report or engagement including without limitation, liability for negligence in relation to the factual findings expressed or implied in this report.

Chartered Accountants

30 August 2011

Wellington, New Zealand

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This audit report relates to the Information Disclosure Report of Wellington Electricity Lines Limited for the year ended 31 March 2011 included on Wellington Electricity Lines Limited's website. The Board of Directors is responsible for the maintenance and integrity of Wellington Electricity Lines Limited's website. We have not been engaged to report on the integrity of the Wellington Electricity Lines Limited's website. We accept no responsibility for any changes that may have occurred to the Information Disclosure Report since they were initially presented on the website. The audit report refers only to the Information Disclosure Report named above. It does not provide an opinion on any other information which may have been hyperlinked to/from the Information Disclosure Report. If readers of this report are concerned with the inherent risks arising from electronic data communication they should refer to the published hard copy of the Information Disclosure Report and related audit report dated 30 August 2011 to confirm the information included in the Information Disclosure Report presented on this website. Legislation in New Zealand governing the preparation and dissemination of Information Disclosure Reports may differ from legislation in other jurisdictions.