



**EDB Information Disclosure Requirements
Information Templates
for
Schedules 1–10**

Company Name	Wellington Electricity Lines Limited
Disclosure Date	28 July 2021
Disclosure Year (year ended)	31 March 2021

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

Table of Contents

Schedule	Schedule name
1	<u>ANALYTICAL RATIOS</u>
2	<u>REPORT ON RETURN ON INVESTMENT</u>
3	<u>REPORT ON REGULATORY PROFIT</u>
4	<u>REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)</u>
5a	<u>REPORT ON REGULATORY TAX ALLOWANCE</u>
5b	<u>REPORT ON RELATED PARTY TRANSACTIONS</u>
5c	<u>REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE</u>
5d	<u>REPORT ON COST ALLOCATIONS</u>
5e	<u>REPORT ON ASSET ALLOCATIONS</u>
6a	<u>REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR</u>
6b	<u>REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR</u>
7	<u>COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE</u>
8	<u>REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES</u>
9a	<u>ASSET REGISTER</u>
9b	<u>ASSET AGE PROFILE</u>
9c	<u>REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES</u>
9d	<u>REPORT ON EMBEDDED NETWORKS</u>
9e	<u>REPORT ON NETWORK DEMAND</u>
10	<u>REPORT ON NETWORK RELIABILITY</u>

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 1: ANALYTICAL RATIOS

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination.

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

1(i): Expenditure metrics		Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers (\$/MVA)
7	1(i): Expenditure metrics					
8						
9	Operational expenditure	14,757	196	59,980	6,989	23,527
10	Network	6,809	91	27,676	3,225	10,856
11	Non-network	7,948	106	32,304	3,764	12,671
12						
13	Expenditure on assets	21,921	292	89,099	10,382	34,949
14	Network	19,932	265	81,014	9,440	31,778
15	Non-network	1,989	26	8,084	942	3,171
16						
17	1(ii): Revenue metrics					
18						
19	Total consumer line charge revenue	65,450	871			
20	Standard consumer line charge revenue	65,222	858			
21	Non-standard consumer line charge revenue	86,187	151,708			
22						
23	1(iii): Service intensity measures					
24						
25	Demand density	117		<i>Maximum coincident system demand per km of circuit length (for supply) (kW/km)</i>		
26	Volume density	474		<i>Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)</i>		
27	Connection point density	36		<i>Average number of ICPs per km of circuit length (for supply) (ICPs/km)</i>		
28	Energy intensity	13,303		<i>Total energy delivered to ICPs per average number of ICPs (kWh/ICP)</i>		
29						
30	1(iv): Composition of regulatory income					
31						
32				(\$000)	% of revenue	
33	Operational expenditure			33,409	22.44%	
34	Pass-through and recoverable costs excluding financial incentives and wash-ups			58,929	39.59%	
35	Total depreciation			28,013	18.82%	
36	Total revaluations			10,048	6.75%	
37	Regulatory tax allowance			8,977	6.03%	
38	Regulatory profit/(loss) including financial incentives and wash-ups			29,578	19.87%	
39	Total regulatory income			148,859		
40	1(v): Reliability					
41						
42	Interruption rate			8.79	<i>Interruptions per 100 circuit km</i>	

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If an EDB makes this election, information supporting this calculation must be provided in 2(iii).

EDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).

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sch ref

2(i): Return on Investment		CY-2	CY-1	Current Year CY
		31 Mar 19	31 Mar 20	31 Mar 21
		%	%	%
7	2(i): Return on Investment			
8				
9	ROI – comparable to a post tax WACC			
10	Reflecting all revenue earned	6.48%	7.38%	4.37%
11	Excluding revenue earned from financial incentives	6.38%	7.51%	4.23%
12	Excluding revenue earned from financial incentives and wash-ups	6.32%	7.44%	4.19%
13				
14	Mid-point estimate of post tax WACC	4.75%	4.27%	3.72%
15	25th percentile estimate	4.07%	3.59%	3.04%
16	75th percentile estimate	5.43%	4.95%	4.40%
17				
18				
19	ROI – comparable to a vanilla WACC			
20	Reflecting all revenue earned	6.99%	7.81%	4.70%
21	Excluding revenue earned from financial incentives	6.89%	7.93%	4.57%
22	Excluding revenue earned from financial incentives and wash-ups	6.83%	7.87%	4.52%
23				
24	WACC rate used to set regulatory price path	7.19%	7.19%	4.57%
25				
26	Mid-point estimate of vanilla WACC	5.26%	4.69%	4.05%
27	25th percentile estimate	4.58%	4.01%	3.37%
28	75th percentile estimate	5.94%	5.37%	4.73%
29				
30	2(ii): Information Supporting the ROI			
31				
32	Total opening RAB value	661,487		
33	plus Opening deferred tax	(39,885)		
34	Opening RIV		621,602	
35				
36	Line charge revenue		148,177	
37				
38	Expenses cash outflow	92,338		
39	add Assets commissioned	38,068		
40	less Asset disposals	–		
41	add Tax payments	5,700		
42	less Other regulated income	681		
43	Mid-year net cash outflows		135,424	
44				
45	Term credit spread differential allowance		–	
46				
47	Total closing RAB value	681,366		
48	less Adjustment resulting from asset allocation	(224)		
49	less Lost and found assets adjustment	–		
50	plus Closing deferred tax	(43,163)		
51	Closing RIV		638,427	
52				
53	ROI – comparable to a vanilla WACC			4.70%
54				
55	Leverage (%)			42%
56	Cost of debt assumption (%)			2.82%
57	Corporate tax rate (%)			28%
58				
59	ROI – comparable to a post tax WACC			4.37%
60				

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If an EDB makes this election, information supporting this calculation must be provided in 2(iii).

EDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).

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sch ref

2(iii): Information Supporting the Monthly ROI

61								
62								
63	Opening RIV							N/A
64								
65								
66		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows	
67	April							-
68	May							-
69	June							-
70	July							-
71	August							-
72	September							-
73	October							-
74	November							-
75	December							-
76	January							-
77	February							-
78	March							-
79	Total	-	-	-	-	-	-	-
80								
81	Tax payments							N/A
82								
83	Term credit spread differential allowance							N/A
84								
85	Closing RIV							N/A
86								
87								
88	Monthly ROI – comparable to a vanilla WACC							N/A
89								
90	Monthly ROI – comparable to a post tax WACC							N/A
91								

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

94	Year-end ROI – comparable to a vanilla WACC	4.38%
95		
96	Year-end ROI – comparable to a post tax WACC	4.05%
97		

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

2(v): Financial Incentives and Wash-Ups

102	Net recoverable costs allowed under incremental rolling incentive scheme	-
103	Purchased assets – avoided transmission charge	-
104	Energy efficiency and demand incentive allowance	-
105	Quality incentive adjustment	1,171
106	Other financial incentives	-
107	Financial incentives	1,171
108		
109	Impact of financial incentives on ROI	0.14%
110		
111	Input methodology claw-back	-
112	CPP application recoverable costs	-
113	Catastrophic event allowance	-
114	Capex wash-up adjustment	350
115	Transmission asset wash-up adjustment	-
116	2013–15 NPV wash-up allowance	-
117	Reconsideration event allowance	-
118	Other wash-ups	-
119	Wash-up costs	350
120		
121	Impact of wash-up costs on ROI	0.04%

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

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7	3(i): Regulatory Profit	(\$000)
8	Income	
9	Line charge revenue	148,177
10	plus Gains / (losses) on asset disposals	-
11	plus Other regulated income (other than gains / (losses) on asset disposals)	681
12		
13	Total regulatory income	148,859
14	Expenses	
15	less Operational expenditure	33,409
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	58,929
18		
19	Operating surplus / (deficit)	56,520
20		
21	less Total depreciation	28,013
22		
23	plus Total revaluations	10,048
24		
25	Regulatory profit / (loss) before tax	38,556
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	8,977
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	29,578
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	2,732
36	Commerce Act levies	210
37	Industry levies	585
38	CPP specified pass through costs	-
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	52,698
41	Transpower new investment contract charges	1,072
42	System operator services	-
43	Distributed generation allowance	1,633
44	Extended reserves allowance	-
45	Other recoverable costs excluding financial incentives and wash-ups	-
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	58,929
47		

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

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sch ref

		(\$000)	
		CY-1	CY
		31 Mar 20	31 Mar 21
48	3(iii): Incremental Rolling Incentive Scheme		
49			
50			
51	Allowed controllable opex	-	-
52	Actual controllable opex	-	-
53			
54	Incremental change in year		-
55			
		Previous years' incremental change	Previous years' incremental change adjusted for inflation
56			
57	CY-5 31 Mar 16	-	-
58	CY-4 31 Mar 17	-	-
59	CY-3 31 Mar 18	-	-
60	CY-2 31 Mar 19	-	-
61	CY-1 31 Mar 20	-	-
62	Net incremental rolling incentive scheme		-
63			
64	Net recoverable costs allowed under incremental rolling incentive scheme		-
65	3(iv): Merger and Acquisition Expenditure		
70			(\$000)
66	Merger and acquisition expenditure		-
67			
68	<i>Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>		
69	3(v): Other Disclosures		
70			(\$000)
71	Self-insurance allowance		-

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref	4(i): Regulatory Asset Base Value (Rolled Forward)	for year ended				
		RAB 31 Mar 17 (\$000)	RAB 31 Mar 18 (\$000)	RAB 31 Mar 19 (\$000)	RAB 31 Mar 20 (\$000)	RAB 31 Mar 21 (\$000)
7	4(i): Regulatory Asset Base Value (Rolled Forward)					
10	Total opening RAB value	591,580	602,562	611,855	629,323	661,487
12	less Total depreciation	26,498	28,765	26,323	26,844	28,013
14	plus Total revaluations	12,800	6,590	9,069	15,920	10,048
16	plus Assets commissioned	24,695	31,469	37,191	43,322	38,068
18	less Asset disposals	16	-	-	-	-
20	plus Lost and found assets adjustment	-	-	-	-	-
22	plus Adjustment resulting from asset allocation	-	-	(2,469)	(234)	(224)
24	Total closing RAB value	602,562	611,855	629,323	661,487	681,366
26	4(ii): Unallocated Regulatory Asset Base					
29	Total opening RAB value		Unallocated RAB * (\$000)	(\$000)	RAB (\$000)	(\$000)
30	less		664,198		661,487	
31	Total depreciation		28,077		28,013	
33	plus Total revaluations		10,090		10,048	
35	plus Assets commissioned (other than below)	38,068			38,068	
36	Assets acquired from a regulated supplier	-			-	
37	Assets acquired from a related party	-			-	
38	Assets commissioned		38,068		38,068	
40	less Asset disposals (other than below)	-			-	
41	Asset disposals to a regulated supplier	-			-	
42	Asset disposals to a related party	-			-	
43	Asset disposals		-		-	
45	plus Lost and found assets adjustment		-		-	
47	plus Adjustment resulting from asset allocation				(224)	
49	Total closing RAB value		684,278		681,366	

* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide electricity distribution services without any allowance being made for the allocation of costs to services provided by the supplier that are not electricity distribution services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

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4(iii): Calculation of Revaluation Rate and Revaluation of Assets

CPI _t	1,068
CPI _{t-4}	1,052
Revaluation rate (%)	1.52%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	664,198		661,487	
less Opening value of fully depreciated, disposed and lost assets	811		811	
Total opening RAB value subject to revaluation	663,387		660,676	
Total revaluations		10,090		10,048

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		20,935		20,935
plus Capital expenditure	42,449		42,449	
less Assets commissioned	38,068		38,068	
plus Adjustment resulting from asset allocation			-	
Works under construction - current disclosure year		25,317		25,317
Highest rate of capitalised finance applied				3.44%

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

76 **4(v): Regulatory Depreciation**

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
79 Depreciation - standard	24,156		24,156	
80 Depreciation - no standard life assets	3,921		3,857	
81 Depreciation - modified life assets	-		-	
82 Depreciation - alternative depreciation in accordance with CPP	-		-	
83 Total depreciation		28,077		28,013

85 **4(vi): Disclosure of Changes to Depreciation Profiles**

(\$000 unless otherwise specified)

Asset or assets with changes to depreciation*	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation
87 N/A				
88				
89				
90				
91				
92				
93				
94				

* include additional rows if needed

96 **4(vii): Disclosure by Asset Category**

(\$000 unless otherwise specified)

	Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
99 Total opening RAB value	3,128	47,356	60,625	166,847	209,625	114,860	32,139	19,779	7,128	661,487
100 <i>less</i> Total depreciation	163	3,542	2,605	4,327	9,011	4,270	1,810	459	1,828	28,013
101 <i>plus</i> Total revaluations	48	636	994	2,635	3,157	1,740	470	262	106	10,048
102 <i>plus</i> Assets commissioned	482	69	3,861	11,239	8,052	7,969	626	209	5,562	38,068
103 <i>less</i> Asset disposals	-	-	-	-	-	-	-	-	-	-
104 <i>plus</i> Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
105 <i>plus</i> Adjustment resulting from asset allocation	-	-	-	(224)	-	-	-	-	-	(224)
106 <i>plus</i> Asset category transfers	-	-	-	-	-	-	-	-	-	-
107 Total closing RAB value	3,496	44,519	62,875	176,171	211,822	120,298	31,424	19,792	10,968	681,366
109 Asset Life										
110 Weighted average remaining asset life	19	13	23	39	23	27	18	43	4	(years)
111 Weighted average expected total asset life	48	55	50	58	59	48	39	52	10	(years)

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		38,556
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	-	*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	42	*
12	Amortisation of initial differences in asset values	7,151	
13	Amortisation of revaluations	3,623	
14			10,815
15			
16	<i>less</i> Total revaluations	10,048	
17	Income included in regulatory profit / (loss) before tax but not taxable	-	*
18	Discretionary discounts and customer rebates	-	*
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
20	Notional deductible interest	7,261	
21			17,309
22			
23	Regulatory taxable income		32,062
24			
25	<i>less</i> Utilised tax losses	-	
26	Regulatory net taxable income		32,062
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		8,977

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).

		(\$000)	
34	5a(iii): Amortisation of Initial Difference in Asset Values		
35			
36	Opening unamortised initial differences in asset values	83,909	
37	<i>less</i> Amortisation of initial differences in asset values	7,151	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	-	
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	-	
40	Closing unamortised initial differences in asset values		76,758
41			
42	Opening weighted average remaining useful life of relevant assets (years)		12
43			

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).

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sch ref

44	5a(iv): Amortisation of Revaluations		(\$000)
45			
46	Opening sum of RAB values without revaluations	587,901	
47			
48	Adjusted depreciation	24,391	
49	Total depreciation	28,013	
50	Amortisation of revaluations		3,623
51			
52	5a(v): Reconciliation of Tax Losses		(\$000)
53			
54	Opening tax losses	-	
55	plus Current period tax losses	-	
56	less Utilised tax losses	-	
57	Closing tax losses		-
58	5a(vi): Calculation of Deferred Tax Balance		(\$000)
59			
60	Opening deferred tax	(39,885)	
61			
62	plus Tax effect of adjusted depreciation	6,829	
63			
64	less Tax effect of tax depreciation	8,497	
65			
66	plus Tax effect of other temporary differences*	357	
67			
68	less Tax effect of amortisation of initial differences in asset values	2,002	
69			
70	plus Deferred tax balance relating to assets acquired in the disclosure year	-	
71			
72	less Deferred tax balance relating to assets disposed in the disclosure year	-	
73			
74	plus Deferred tax cost allocation adjustment	35	
75			
76	Closing deferred tax		(43,163)
77			
78	5a(vii): Disclosure of Temporary Differences		
79	<i>In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).</i>		
80			
81	5a(viii): Regulatory Tax Asset Base Roll-Forward		
82			(\$000)
83	Opening sum of regulatory tax asset values	368,594	
84	less Tax depreciation	30,346	
85	plus Regulatory tax asset value of assets commissioned	38,195	
86	less Regulatory tax asset value of asset disposals	-	
87	plus Lost and found assets adjustment	-	
88	plus Adjustment resulting from asset allocation	(98)	
89	plus Other adjustments to the RAB tax value	-	
90	Closing sum of regulatory tax asset values		376,345

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with clause 2.3.6 of the ID determination.
 This information is part of audited disclosure information (as defined in clause 1.4 of the ID determination), and so is subject to the assurance report required by clause 2.8.

sch ref

5b(i): Summary—Related Party Transactions		(\$000)	(\$000)
7	Total regulatory income		–
8			
9			
10	Market value of asset disposals		–
11			
12	Service interruptions and emergencies	–	
13	Vegetation management	–	
14	Routine and corrective maintenance and inspection	1,467	
15	Asset replacement and renewal (opex)	–	
16	Network opex		1,467
17	Business support	4,964	
18	System operations and network support	5,495	
19	Operational expenditure		11,926
20	Consumer connection	1,290	
21	System growth	122	
22	Asset replacement and renewal (capex)	1,581	
23	Asset relocations	47	
24	Quality of supply	166	
25	Legislative and regulatory	–	
26	Other reliability, safety and environment	65	
27	Expenditure on non-network assets		5
28	Expenditure on assets		3,275
29	Cost of financing		–
30	Value of capital contributions		–
31	Value of vested assets		–
32	Capital Expenditure		3,275
33	Total expenditure		15,201
34			
35	Other related party transactions		–

5b(iii): Total Opex and Capex Related Party Transactions

Name of related party	Nature of opex or capex service provided	Total value of transactions (\$000)
International Infrastructure Services Company Limited - NZ Branch (IISC)	Routine and corrective maintenance and inspection	1,467
International Infrastructure Services Company Limited - NZ Branch (IISC)	Business support	4,660
International Infrastructure Services Company Limited - NZ Branch (IISC)	System operations and network support	5,495
International Infrastructure Services Company Limited - NZ Branch (IISC)	Other reliability, safety and environment	65
International Infrastructure Services Company Limited - NZ Branch (IISC)	Consumer connection	1,290
International Infrastructure Services Company Limited - NZ Branch (IISC)	Asset replacement and renewal (capex)	1,581
International Infrastructure Services Company Limited - NZ Branch (IISC)	Quality of supply	166
International Infrastructure Services Company Limited - NZ Branch (IISC)	System growth	122
International Infrastructure Services Company Limited - NZ Branch (IISC)	Asset relocations	47
CHED Services Pty Limited	Expenditure on non-network assets	5
Cheung Kong Infrastructure Holdings Limited	Business support	303
Enviro (NZ) Limited	Business support	0
Total value of related party transactions		15,201

* include additional rows if needed

Related Party Disclosure Supporting Documentation:**ID clause 2.3.8**

Consistent with disclosure S5b, WELL transacts with the following related parties:

International Infrastructure Services Company Limited - NZ Branch (IISC) - Provides front and back office services to utility providers. These include asset management, financial and commercial operations, regulation, project management, network operations, information technology and quality, safety and environment management.

Cheung Kong Infrastructure Holdings Limited – A global infrastructure company with diversified investments in energy infrastructure, transportation infrastructure, water infrastructure, waste management, waste-to-energy, household infrastructure and other infrastructure related business.

CHED Services PTY Limited – CHED services provide specialist corporate and metering services for a number of clients. These services include: finance and tax, company secretarial and legal, human resources, corporate affairs, regulation, customer services, information technology and office administration.

Enviro (NZ) Limited – Provides innovative, safe and sustainable resource recovery and management.

The relationships between the companies are as follows:

Same ultimate beneficial owners

- IISC
- Cheung Kong Infrastructure Holdings Limited
- Enviro (NZ) Limited

Controlling shareholder in common

- CHED Services PTY Limited

The total annual expenditure between WELL and the related parties can be seen in S5b

ID Clause 2.3.10 and 2.3.11**Current policy for the procurement of goods and services from a related party**

It is envisaged that Wellington Electricity may procure goods and services from related party companies when it is economically and commercially viable for both the company and its customers. Wellington Electricity will ensure when entering into a third party relationship that it complies with relevant laws and regulations. As a result Wellington Electricity has the following guidance in place for material transactions involving related parties. This guidance is in place to mitigate the risk (actual and perceived) that the transactions are not arms-length.

Wellington Electricity shall not procure goods or services from a related party without either a third party independent benchmarking report or directly comparable quotes.

Costs and benefits may be compared in-house following the standard procurement process if the goods or services are the same or substantially similar to those offered by non-related parties.

If costs relating to the goods or services are not easily comparable with market information, a third party independent benchmarking report(s) must be provided by a reputable company with relevant experience to conduct a benchmarking report. This is to be used when there is limited information or comparability surrounding the goods or services being provided. This may be the case due to the limited size of the New Zealand market. This is extremely important as it ensures that consumers are not disadvantaged by any transaction.

Further efficiencies may be gained by entering into long term contracts, these must be reviewed on a regular basis and have clauses for termination of the contract to avoid the economic benefits being eroded over time.

ID Clause 2.3.12

(1) When procuring from a related party Wellington Electricity will do either of the following:

- a.) Put out a competitive tender for the goods or services which will be judged on subjective measures if there is an active market for the good or service; or
- b.) Commission an independent third party to perform a benchmarking assessment over the goods or services being procured if the information is not readily available.

(2) Wellington Electricity does not have any policies or procedures that require or have the effect of requiring a consumer to purchase assets or goods or services from a related party.

(3) In the prior year the contract between Wellington Electricity and IISC was renegotiated after coming to the end of its initial three year term and renewal period. Since there was no active market for the services provided, the following benchmark tests were implemented:

- a.) Commissioned a benchmarking report from KPMG on contractor margins to test that costs were at market rates;
- b.) Analysis of Lines Company costs contained in the PwC Electricity Lines Business Information Disclosure Compendium to see that the cost of the business support service were aligned with other New Zealand networks
- c.) Reviewed IISC labour rates against other third party providers to test that labour rates were at market levels.

The benchmarking is used to assess contract rates, ensure the related party transaction is at arms length and representative of a market price. A benchmarking report is obtained as part of contract re-negotiations.

(4) The arm's length nature is determined through the use of independent benchmarking reports and other benchmarking tests. This was performed in the prior year as part of the contract re-negotiation process.

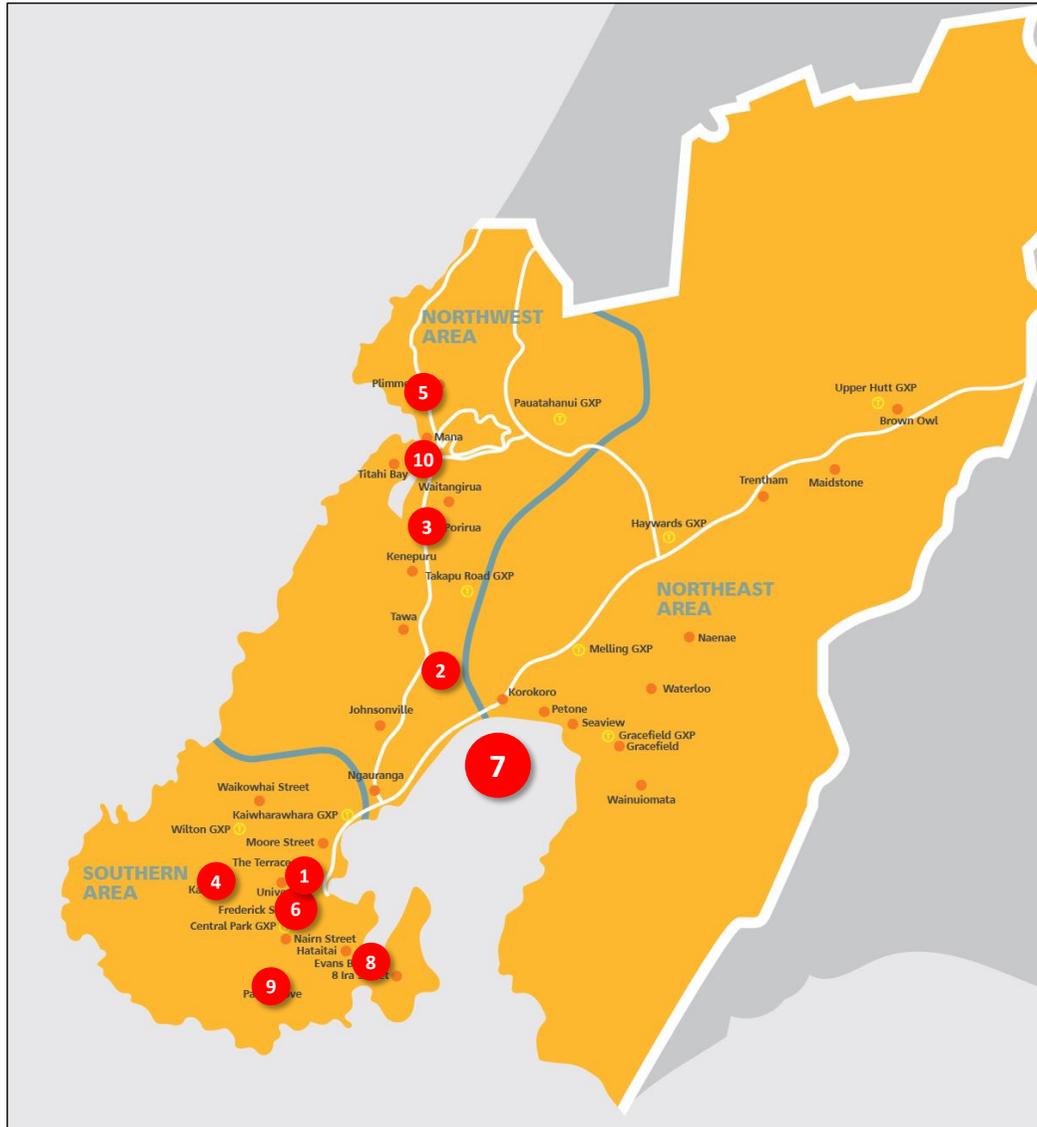
(5) Wellington Electricity does not consider the procurement of assets or goods or services from a related party to differ significantly between expenditure categories.

Related Party Disclosure Supporting Documentation for ID clause 2.3.13 and 2.3.14

- WELL does not have any operating expenditure projects
- WELL's largest 10 capex projects by cost are (as provided by the 2021 AMP):

Map refn	Project	Estimated Cost \$000	Location	Timing	Constraint alleviated	AMP refn	Supply of assets, goods or services by related party
1	Build Bond Street zone substation	33,000	Southern Wellington Area	2028-2032	The forecast summer peak load at The Terrace zone substation is expected to exceed the subtransmission N-1 rating by 2021. The short-term risk mitigation plan is to re-balance the load between Frederick Street and The Terrace after the current constraint at Frederick Street is mitigated.	8.4.4.3	Currently not indicated for supply by a related party
2	Build Grenada North Zone (GRN) Zone Sub supplied from first Takapu Road-Khandallah line section, upgrade 11 kV ties to supply Ngauranga and Johnsonville from GRN.	20,000	Porirua	2027-2030	The sustained peak load supplied by Johnsonville zone substation currently exceeds the N-1 capacity of the subtransmission circuits. Capacity and security will be managed operationally until the investment is complete.	8.5.4.3	Currently not indicated for supply by a related party
3	A complete upgrade of the Porirua OR 33kV Cable, zone substation transformers and switchboard.	16,000	Porirua	2022-2025	The peak load supplied by Porirua zone substation exceeds the N-1 subtransmission circuit branch ratings for both winter and summer periods. Capacity and security will be managed operationally until the investment is complete.	8.5.4.3	Currently not indicated for supply by a related party
4	Karori Subtransmission Cable Replacement	12,000	Karori	2027-2029	Replacement of subtransmission cable based on health/criticality.	7.5.1	Currently not indicated for supply by a related party
5	Install a 33 kV bus, a second 24 MVA transformer and a second 11 kV bus section at Plimmerton.	8,000	Porirua	2026-2027	Security of supply risk as Plimmerton zone substation is supplied by a single subtransmission circuit. In addition, the forecast peak load at Plimmerton is expected to exceed the subtransmission N-1 rating by 2023 due to the limited capacity of the Mana-Plimmerton 11 kV bus tie. Capacity and security will be managed operationally until the investment is complete.	8.5.4.3	Currently not indicated for supply by a related party
6	Frederick Street Sub transmission Cable Replacement and Protection Upgrade	7,500	Southern Wellington Area	2020-2022	The sustained peak load supplied by Frederick Street zone substation currently exceeds the N-1 capacity of the sub transmission supply cables. Capacity and security will be managed operationally until the investment is complete.	8.4.4.3	Currently not indicated for supply by a related party
7	Average cost of annual pole replacement programme	5,394	Across the entire network	Annual	Replacement and renewal of pole fleet based on the results of testing and the asset health and asset criticality indicators. Meets regulatory requirements in terms of managing tagged poles.	7.5.3.3	Currently not indicated for supply by a related party
8	Build 33 kV bus at Evans Bay zone substation	4,500	Southern Wellington Area	2020-2022	Evans Bay 1 33kV cable asset replacement - asset replacement required to maintain current reliability levels.	8.4.4.3	Currently not indicated for supply by a related party
9	Upgrade Palm Grove zone substation transformer capacity by replacing the existing with 36 MVA units	4,500	Southern Wellington Area	2023-2025	The sustained peak load supplied by Palm Grove zone substation currently exceeds the N-1 capacity of the sub transmission supply cables. Capacity and security will be managed operationally until the investment is complete.	8.4.4.3	Currently not indicated for supply by a related party
10	Reinforce 11 kV feeders to enable load transfer from Mana to Porirua and Plimmerton after these two zone substations.	4,000	Porirua	2030	Improvement to supply security for the Mana zone substation.	8.5.4.3	Currently not indicated for supply by a related party

Network map of the 10 largest capital projects



Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years.
 This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Debt issue cost readjustment
* include additional rows if needed						-	-	-

5c(ii): Attribution of Term Credit Spread Differential

Gross term credit spread differential								
Total book value of interest bearing debt								
Leverage				42%				
Average opening and closing RAB values								
Attribution Rate (%)								
Term credit spread differential allowance								

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		Value allocated (\$000s)				
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000s)
7	5d(i): Operating Cost Allocations					
8						
9						
10	Service interruptions and emergencies					
11	Directly attributable		5,257			
12	Not directly attributable				-	
13	Total attributable to regulated service		5,257			
14	Vegetation management					
15	Directly attributable		1,466			
16	Not directly attributable				-	
17	Total attributable to regulated service		1,466			
18	Routine and corrective maintenance and inspection					
19	Directly attributable		6,752			
20	Not directly attributable		759	17	776	
21	Total attributable to regulated service		7,511			
22	Asset replacement and renewal					
23	Directly attributable		1,182			
24	Not directly attributable				-	
25	Total attributable to regulated service		1,182			
26	System operations and network support					
27	Directly attributable		6,213			
28	Not directly attributable				-	
29	Total attributable to regulated service		6,213			
30	Business support					
31	Directly attributable		11,089			
32	Not directly attributable		691	30	721	
33	Total attributable to regulated service		11,780			
34						
35	Operating costs directly attributable		31,959			
36	Operating costs not directly attributable	-	1,450	47	1,497	-
37	Operational expenditure		33,409			
38						

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

39 **5d(ii): Other Cost Allocations**

Pass through and recoverable costs		(\$000)
Pass through costs		
Directly attributable		3,526
Not directly attributable		-
Total attributable to regulated service		3,526
Recoverable costs		
Directly attributable		55,403
Not directly attributable		-
Total attributable to regulated service		55,403

50 **5d(iii): Changes in Cost Allocations* †**

		(\$000)	
Change in cost allocation 1		CY-1	Current Year (CY)
Cost category			
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			

		(\$000)	
Change in cost allocation 2		CY-1	Current Year (CY)
Cost category			
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			

		(\$000)	
Change in cost allocation 3		CY-1	Current Year (CY)
Cost category			
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			

* a change in cost allocation must be completed for each cost allocator change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.
 † include additional rows if needed

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	6a(i): Expenditure on Assets		(\$000)	(\$000)
8	Consumer connection			14,349
9	System growth			1,658
10	Asset replacement and renewal			20,130
11	Asset relocations			517
12	Reliability, safety and environment:			
13	Quality of supply	2,010		
14	Legislative and regulatory	-		
15	Other reliability, safety and environment	6,461		
16	Total reliability, safety and environment			8,471
17	Expenditure on network assets			45,125
18	Expenditure on non-network assets			4,503
19				
20	Expenditure on assets			49,628
21	plus Cost of financing			203
22	less Value of capital contributions			7,382
23	plus Value of vested assets			-
24				
25	Capital expenditure			42,449
26	6a(ii): Subcomponents of Expenditure on Assets (where known)			(\$000)
27	Energy efficiency and demand side management, reduction of energy losses			-
28	Overhead to underground conversion			-
29	Research and development			-
30	6a(iii): Consumer Connection			
31	Consumer types defined by EDB*		(\$000)	(\$000)
32	Subdivision	5,446		
33	Substation	5,201		
34	Residential & Commercial Customers (low Voltage)	3,351		
35	High Voltage Connection	352		
36	Public Lighting	0		
37	* include additional rows if needed			
38	Consumer connection expenditure			14,349
39				
40	less Capital contributions funding consumer connection expenditure	7,073		
41	Consumer connection less capital contributions			7,276
42	6a(iv): System Growth and Asset Replacement and Renewal			
43			System Growth	Asset Replacement and Renewal
44			(\$000)	(\$000)
45	Subtransmission	780		607
46	Zone substations	270		904
47	Distribution and LV lines	-		9,199
48	Distribution and LV cables	10		4,593
49	Distribution substations and transformers	346		1,678
50	Distribution switchgear	87		1,815
51	Other network assets	164		1,334
52	System growth and asset replacement and renewal expenditure	1,658		20,130
53	less Capital contributions funding system growth and asset replacement and renewal	-		-
54	System growth and asset replacement and renewal less capital contributions	1,658		20,130
55				
56	6a(v): Asset Relocations			
57	Project or programme*		(\$000)	(\$000)
58	[Description of material project or programme]	-		
59	[Description of material project or programme]	-		
60	[Description of material project or programme]	-		
61	[Description of material project or programme]	-		
62	[Description of material project or programme]	-		
63	* include additional rows if needed			
64	All other projects or programmes - asset relocations	517		
65	Asset relocations expenditure			517
66	less Capital contributions funding asset relocations	309		
67	Asset relocations less capital contributions			208

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

68				
69	6a(vi): Quality of Supply			
70	<i>Project or programme*</i>		(\$000)	(\$000)
71	Tawa Kenepuru 33kV Line Refurbishment		253	
72	[Description of material project or programme]		-	
73	[Description of material project or programme]		-	
74	[Description of material project or programme]		-	
75	[Description of material project or programme]		-	
76	<i>* include additional rows if needed</i>			
77	All other projects programmes - quality of supply		1,756	
78	Quality of supply expenditure			2,010
79	less Capital contributions funding quality of supply		-	
80	Quality of supply less capital contributions			2,010
81	6a(vii): Legislative and Regulatory			
82	<i>Project or programme*</i>		(\$000)	(\$000)
83	[Description of material project or programme]		-	
84	[Description of material project or programme]		-	
85	[Description of material project or programme]		-	
86	[Description of material project or programme]		-	
87	[Description of material project or programme]		-	
88	<i>* include additional rows if needed</i>			
89	All other projects or programmes - legislative and regulatory		-	
90	Legislative and regulatory expenditure			-
91	less Capital contributions funding legislative and regulatory		-	
92	Legislative and regulatory less capital contributions			-
93	6a(viii): Other Reliability, Safety and Environment			
94	<i>Project or programme*</i>		(\$000)	(\$000)
95	Streamlined CPP - Seismic Strengthening		2,866	
96	Streamlined CPP - Mobile Substations		2,261	
97	BAU - Seismic Strengthening		1,093	
98	[Description of material project or programme]		-	
99	[Description of material project or programme]		-	
100	<i>* include additional rows if needed</i>			
101	All other projects or programmes - other reliability, safety and environment		242	
102	Other reliability, safety and environment expenditure			6,461
103	less Capital contributions funding other reliability, safety and environment		-	
104	Other reliability, safety and environment less capital contributions			6,461
105				
106	6a(ix): Non-Network Assets			
107	Routine expenditure			
108	<i>Project or programme*</i>		(\$000)	(\$000)
109	Streamlined CPP - Data Centres		3,129	
110	GIS Upgrade Project		433	
111	Streamlined CPP - Radios & Phones		411	
112	[Description of material project or programme]		-	
113	[Description of material project or programme]		-	
114	<i>* include additional rows if needed</i>			
115	All other projects or programmes - routine expenditure		530	
116	Routine expenditure			4,503
117	Atypical expenditure			
118	<i>Project or programme*</i>		(\$000)	(\$000)
119	[Description of material project or programme]		-	
120	[Description of material project or programme]		-	
121	[Description of material project or programme]		-	
122	[Description of material project or programme]		-	
123	[Description of material project or programme]		-	
124	<i>* include additional rows if needed</i>			
125	All other projects or programmes - atypical expenditure		-	
126	Atypical expenditure			-
127				
128	Expenditure on non-network assets			4,503

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of operational expenditure incurred in the disclosure year.

EDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance.

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		(\$000)	(\$000)
7	6b(i): Operational Expenditure		
8	Service interruptions and emergencies	5,257	
9	Vegetation management	1,466	
10	Routine and corrective maintenance and inspection	7,511	
11	Asset replacement and renewal	1,182	
12	Network opex		15,415
13	System operations and network support	6,213	
14	Business support	11,780	
15	Non-network opex		17,993
16			
17	Operational expenditure		33,409
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	Energy efficiency and demand side management, reduction of energy losses		-
20	Direct billing*		-
21	Research and development		-
22	Insurance		1,884
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name **Wellington Electricity Lines Limited**
 For Year Ended **31 March 2021**

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

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

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

sch ref

		Target (\$000) ¹	Actual (\$000)	% variance
7	7(i): Revenue			
8	Line charge revenue	146,212	148,177	1%
9	7(ii): Expenditure on Assets			
		Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection	11,291	14,349	27%
11	System growth	3,825	1,658	(57%)
12	Asset replacement and renewal	22,236	20,130	(9%)
13	Asset relocations	1,819	517	(72%)
14	Reliability, safety and environment:			
15	Quality of supply	2,504	2,010	(20%)
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	5,658	6,461	14%
18	Total reliability, safety and environment	8,162	8,471	4%
19	Expenditure on network assets	47,333	45,125	(5%)
20	Expenditure on non-network assets	4,763	4,503	(5%)
21	Expenditure on assets	52,096	49,628	(5%)
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	4,568	5,257	15%
24	Vegetation management	1,837	1,466	(20%)
25	Routine and corrective maintenance and inspection	9,196	7,511	(18%)
26	Asset replacement and renewal	978	1,182	21%
27	Network opex	16,579	15,415	(7%)
28	System operations and network support	7,239	6,213	(14%)
29	Business support	11,723	11,780	0%
30	Non-network opex	18,962	17,993	(5%)
31	Operational expenditure	35,540	33,409	(6%)
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Energy efficiency and demand side management, reduction of energy losses	–	–	–
34	Overhead to underground conversion	–	–	–
35	Research and development	–	–	–
36				
37	7(v): Subcomponents of Operational Expenditure (where known)			
38	Energy efficiency and demand side management, reduction of energy losses	–	–	–
39	Direct billing	–	–	–
40	Research and development	–	–	–
41	Insurance	1,768	1,884	7%

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

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

Company Name
For Year Ended
Network / Sub-Network Name

Wellington Electricity Lines Limited
31 March 2021

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPS that are included in each consumer group or price category code, and the energy delivered to these ICPS.

8(i): Billed Quantities by Price Component

Billed quantities by price component

Price component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPS in disclosure year	Energy delivered to ICPS in disclosure year (MWh)	Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	Fixed Charge (FIX)	Uncontrolled Charge (24/7 or UC)	All-Inclusive Charge (AIC)	Controlled Charge (CTRL)	Night Charge (NITE)	Peak (PEAK)	Off Peak (OFFPEAK)	Peak Uncontrolled (P-UC)	Off Peak Uncontrolled (OP-UC)	Peak All-Inclusive (P-AI)	Off Peak All-Inclusive (OP-AI)	Demand (DAMD)	Capacity Charge (CAP)	On-Peak Demand Charge (DOPC)	Power Factor Charge (PWF)	Individual Contracts		
						Day	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
BLU	Domestic	Standard	86,996	464,872		30,555,620	244,135,728	261,583,898	16,967,040	2,147,866	--	--	--	--	--	--	--	--	--	--	--		
BSU	Domestic	Standard	54,734	548,546		19,299,487	271,285,098	251,380,971	22,508,727	3,771,227	--	--	--	--	--	--	--	--	--	--	--		
BLU/DU	Domestic	Standard	3,486	35,762		3,147,980	--	--	1,422,248	202,070	--	--	5,998,872	13,424,137	4,703,215	10,000,915	--	--	--	--	--		
BSU/DU	Domestic	Standard	5,847	52,052		2,765,682	--	--	2,373,872	738,973	--	--	2,899,776	12,098,226	7,922,602	16,488,510	--	--	--	--	--		
BLUEVR	Domestic	Standard	119	1,009		54,530	--	--	2,246	--	258,183	743,935	--	--	--	--	--	--	--	--	--		
BSUEVR	Domestic	Standard	101	1,456		42,783	--	--	37,875	--	423,459	894,851	--	--	--	--	--	--	--	--	--		
GLV15	Small Commercial	Standard	5,238	40,655		1,918,838	40,654,933	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
GLV19	Small Commercial	Standard	9,876	271,814		3,680,703	271,812,768	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
GLV18	Medium Commercial	Standard	414	49,244		152,205	49,244,374	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
GLV30	Large Commercial	Standard	159	97,827		131,684	97,821,772	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
GLV1500	Small Industrial	Standard	209	127,013		76,641	127,012,529	--	--	--	--	--	--	--	--	--	376,378	--	--	--	--		
OTV15	Small Commercial	Standard	2	45		699	44,699	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
OTV19	Small Commercial	Standard	20	488		2,287	488,083	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
OTV18	Medium Commercial	Standard	18	1,915		6,443	1,914,575	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
OTV30	Large Commercial	Standard	107	46,145		40,035	46,144,782	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
OTV1500	Small Industrial	Standard	261	332,020		96,821	332,020,481	--	--	--	--	--	--	--	944,392	74,178,686	--	--	--	--	--		
OTV1501	Large Industrial	Standard	39	149,768		13,224	149,767,963	--	--	--	--	--	--	--	--	29,076,518	319,523	23,523	--	--	--		
OD01	Un-metered	Standard	522	2,289		511,389	2,289,462	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
OD02	Un-metered	Standard	327	13,538		16,655,049	13,537,575	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Individual Contracts	Individual Contracts	Non-standard	14	24,643		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24,642,970		
Add extra rows for additional consumer groups or price category codes as necessary																							
Standard consumer totals						79,086,824	1,650,161,414	452,964,860	43,127,067	6,358,066	681,643	1,738,786	13,898,606	31,123,362	12,625,877	26,469,205	1,320,771	103,254,225	319,524	23,523	--	--	
Non-standard consumer totals						--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24,642,970
Total for all consumers						79,086,824	1,650,161,414	452,964,860	43,127,067	6,358,066	681,643	1,738,786	13,898,606	31,123,362	12,625,877	26,469,205	1,320,771	103,254,225	319,524	23,523	--	24,642,970	

Add extra columns for additional billed quantities by price component as necessary

Company Name
For Year Ended
Network / Sub-Network Name

Wellington Electricity Lines Limited
31 March 2021

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

8(ii): Line Charge Revenues (\$000) by Price Component

Price component	Line charge revenues (\$000) by price component																							
	Fixed Charge (FND)	Uncontrolled Charge (AUC or UC)	All-Inclusive Charge (AIC)	Controlled Charge (CTR)	Night Charge (NITE)	Peak (PEAK)	Off-Peak (OFFPEAK)	Peak Uncontrolled (PUC)	Off-Peak Uncontrolled (OPUC)	Peak All-Inclusive (PAI)	Off-Peak All-Inclusive (OPA)	Demand (DAMD)	Capacity Charge (CAP)	On-Peak Demand Charge (OPDC)	Power Factor Charge (PWF)	Individual Contracts (IC)								
	S/day	S/Wh	S/Wh	S/Wh	S/Wh	S/Wh	S/Wh	S/Wh	S/Wh	S/Wh	S/Wh	S/VA/month	S/VA/day	S/kWh/mth	S/VA/mth	S								
Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg. 5 per day, 5 per kWh, etc.)																	
BLU	Domestic	Standard	\$44,615	--	\$26,157	\$16,458		\$4,583	\$21,583	\$25,673	\$792	\$34	--	--	--	--	--							
BLU	Domestic	Standard	\$45,521	--	\$26,081	\$17,440		\$16,138	\$16,449	\$30,483	\$416	\$34	--	--	--	--	--							
BLU/POU	Domestic	Standard	\$3,965	--	\$2,244	\$1,321		\$422	--	--	\$66	\$3	--	--	\$721	\$1,106	\$527	\$619						
BLU/DAU	Domestic	Standard	\$5,227	--	\$3,198	\$2,029		\$2,368	--	--	\$44	\$3	--	--	\$729	\$658	\$282	\$458						
BLU/EVB	Domestic	Standard	\$97	--	\$5	\$4		\$8	--	--	\$8	--	--	--	\$39	\$50	--	--						
BLU/EVB	Domestic	Standard	\$118	--	\$68	\$50		\$47	--	--	\$1	--	--	--	\$46	\$24	--	--						
GLV15	Small Commercial	Standard	\$2,927	--	\$1,836	\$1,071		\$1,004	\$1,923	--	--	--	--	--	--	--	--							
GLV19	Small Commercial	Standard	\$13,842	--	\$8,630	\$4,992		\$4,463	\$8,983	--	--	--	--	--	--	--	--							
GLV13R	Medium Commercial	Standard	\$3,076	--	\$1,922	\$1,115		\$1,123	\$1,958	--	--	--	--	--	--	--	--							
GLV100	Large Commercial	Standard	\$2,951	--	\$1,876	\$1,081		\$1,876	\$1,676	--	--	--	--	--	--	--	--							
GLV1500	Small Industrial	Standard	\$5,300	--	\$3,380	\$1,941		\$1,993	\$902	--	--	--	--	--	--	--	\$2,405							
OTX15	Small Commercial	Standard	\$2	--	\$1	\$1		\$0	\$2	--	--	--	--	--	--	--	--							
OTX19	Small Commercial	Standard	\$24	--	\$15	\$9		\$9	\$15	--	--	--	--	--	--	--	--							
OTX13R	Medium Commercial	Standard	\$112	--	\$71	\$41		\$43	\$69	--	--	--	--	--	--	--	--							
OTX100	Large Commercial	Standard	\$1,072	--	\$679	\$393		\$380	\$602	--	--	--	--	--	--	--	--							
OTX1500	Small Industrial	Standard	\$30,018	--	\$18,872	\$10,486		\$1,983	\$3,326	--	--	--	--	\$5,073	\$3,298	--	--							
OTX1501	Large Industrial	Standard	\$4,119	--	\$2,733	\$1,582		\$1	\$189	--	--	--	--	--	\$218	\$1,234	\$172							
GD01	Un-metered	Standard	\$287	--	\$182	\$105		\$19	\$368	--	--	--	--	--	--	--	--							
GD02	Un-metered	Standard	\$3,219	--	\$2,039	\$1,181		\$3,219	--	--	--	--	--	--	--	--	--							
Individual Contracts	Individual Contracts	Non-standard	\$2,124	--	\$1,274	\$830		--	--	--	--	--	--	--	--	--	\$2,124							
Standard consumer totals			\$146,053	--	\$91,632	\$54,521		\$41,633	\$58,486	\$26,105	\$1,320	\$95	\$84	\$74	\$1,000	\$1,936	\$1,110	\$1,069	\$7,478	\$1,717	\$3,234	\$172	--	
Non-standard consumer totals			\$2,124	--	\$1,274	\$830		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	\$2,124
Total for all consumers			\$148,177	--	\$92,907	\$55,351		\$41,633	\$58,486	\$26,105	\$1,320	\$95	\$84	\$74	\$1,500	\$1,936	\$1,110	\$1,069	\$7,478	\$1,717	\$3,234	\$172	\$2,124	

Add extra columns for additional line charge revenues by price component as necessary

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

Check

Company Name **Wellington Electricity Lines Limited**

For Year Ended **31 March 2021**

Network / Sub-network Name

SCHEDULE 9a: ASSET REGISTER

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

sch ref

sch ref	Voltage	Asset category	Asset class	Units	Items at start of	Items at end of	Net change	Data accuracy
					year (quantity)	year (quantity)		(1-4)
8	All	Overhead Line	Concrete poles / steel structure	No.	30,714	31,082	368	3
9	All	Overhead Line	Wood poles	No.	8,583	8,122	(461)	3
10	All	Overhead Line	Other pole types	No.	161	221	60	3
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	57	57	0	4
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	32	32	-	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	50	50	-	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	48	48	-	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	8	8	-	4
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	27	27	-	4
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	N/A
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	-	-	N/A
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	N/A
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	-	-	N/A
28	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	N/A
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	N/A
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	2	2	-	4
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	355	354	(1)	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	N/A
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	52	52	-	4
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	587	586	(0)	4
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	2	2	(0)	4
36	HV	Distribution Line	SWER conductor	km	1	1	0	3
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	156	161	5	3
38	HV	Distribution Cable	Distribution UG PILC	km	1,033	1,031	(2)	3
39	HV	Distribution Cable	Distribution Submarine Cable	km	0	0	0	4
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	17	17	-	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	993	1,005	12	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	2,609	2,622	13	3
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	611	614	3	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	1,998	2,033	35	4
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	1,811	1,820	9	4
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	2,623	2,621	(2)	4
47	HV	Distribution Transformer	Voltage regulators	No.	-	-	-	N/A
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	516	525	9	4
49	LV	LV Line	LV OH Conductor	km	1,076	1,074	(2)	2
50	LV	LV Cable	LV UG Cable	km	1,714	1,729	15	2
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	1,922	1,931	9	2
52	LV	Connections	OH/UG consumer service connections	No.	168,987	171,059	2,072	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	1,430	1,433	3	3
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	265	412	147	4
55	All	Capacitor Banks	Capacitors including controls	No.	-	-	-	N/A
56	All	Load Control	Centralised plant	Lot	24	24	-	4
57	All	Load Control	Relays	No.	-	-	-	N/A
58	All	Civils	Cable Tunnels	km	1	1	-	4

Company Name: **Wellington Electricity Lines Limited**
 For Year Ended: **31 March 2021**
 Network / Sub-network Name:

SCHEDULE 9b: ASSET AGE PROFILE

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

sch ref	Disclosure Year (year ended)	Number of assets at disclosure year end by installation date																											No. with age unknown	No. with items at end of year (quantity)	No. with default dates	Data accuracy (1-4)
		pre-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019				
7	Voltage																															
8	Asset category																															
9	Asset class																															
10	Overhead Line																															
11	All																															
12	All																															
13	HV																															
14	HV																															
15	HV																															
16	HV																															
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55	All																															
56	All																															
57	All																															
58	All																															
59	All																															
60	All																															

Company Name **Wellington Electricity Lines Limited**

For Year Ended **31 March 2021**

Network / Sub-network Name

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

9			
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)
11	> 66kV	-	-
12	50kV & 66kV	-	-
13	33kV	57	138
14	SWER (all SWER voltages)	-	-
15	22kV (other than SWER)	-	-
16	6.6kV to 11kV (inclusive—other than SWER)	590	1,192
17	Low voltage (< 1kV)	1,074	1,729
18	Total circuit length (for supply)	1,721	3,060
19			
20	Dedicated street lighting circuit length (km)	-	-
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		-
22			
23	Overhead circuit length by terrain (at year end)	(% of total circuit length)	
24	Urban	1,281	74%
25	Rural	439	26%
26	Remote only	-	-
27	Rugged only	-	-
28	Remote and rugged	-	-
29	Unallocated overhead lines	-	-
30	Total overhead length	1,721	100%
31			
32		(% of total circuit length)	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	4,184	88%
34		(% of total overhead length)	
35	Overhead circuit requiring vegetation management	1,549	90%

Company Name **Limited**
 For Year Ended **31 March 2021**

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another embedded network.

sch ref

	Location *	Number of ICPs served	Line charge revenue (\$000)
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB's network or in another embedded network

26

Company Name **Wellington Electricity Lines Limited**

For Year Ended **31 March 2021**

Network / Sub-network Name

SCHEDULE 9e: REPORT ON NETWORK DEMAND

This schedule requires a summary of the key measures of network utilisation for the disclosure year (number of new connections including distributed generation, peak demand and electricity volumes conveyed).

sch ref

9e(i): Consumer Connections

Number of ICPs connected in year by consumer type

Consumer types defined by EDB*

Domestic
Large Commercial
Medium Commercial
Small Commercial
Small Industrial
Un-metered
Large Industrial

Number of connections (ICPs)

2,220
12
12
522
3
45
1

* include additional rows if needed

Connections total

2,815

Distributed generation

Number of connections made in year

220

connections

Capacity of distributed generation installed in year

1.01

MVA

9e(ii): System Demand

Maximum coincident system demand

GXP demand

499

plus Distributed generation output at HV and above

58

Maximum coincident system demand

557

less Net transfers to (from) other EDBs at HV and above

-

Demand on system for supply to consumers' connection points

557

Demand at time of maximum coincident demand (MW)

Electricity volumes carried

Electricity supplied from GXPs

2,225

less Electricity exports to GXPs

103

plus Electricity supplied from distributed generation

257

less Net electricity supplied to (from) other EDBs

-

Electricity entering system for supply to consumers' connection points

2,379

less Total energy delivered to ICPs

2,264

Electricity losses (loss ratio)

115

4.8%

Load factor

0.49

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

1,420

Distribution transformer capacity (Non-EDB owned, estimated)

27

Total distribution transformer capacity

1,447

Zone substation transformer capacity

1,067

(MVA)

Company Name **Wellington Electricity Lines Limited**

For Year Ended **31 March 2021**

Network / Sub-network Name

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

8 10(i): Interruptions

9 Interruptions by class

	Number of interruptions
10 Class A (planned interruptions by Transpower)	-
11 Class B (planned interruptions on the network)	213
12 Class C (unplanned interruptions on the network)	207
13 Class D (unplanned interruptions by Transpower)	-
14 Class E (unplanned interruptions of EDB owned generation)	-
15 Class F (unplanned interruptions of generation owned by others)	-
16 Class G (unplanned interruptions caused by another disclosing entity)	-
17 Class H (planned interruptions caused by another disclosing entity)	-
18 Class I (interruptions caused by parties not included above)	-
19 Total	420

21 Interruption restoration

	≤3Hrs	>3hrs
22 Class C interruptions restored within	124	83

24 SAIFI and SAIDI by class

	SAIFI	SAIDI
25 Class A (planned interruptions by Transpower)	-	-
26 Class B (planned interruptions on the network)	0.06	8.43
27 Class C (unplanned interruptions on the network)	0.37	28.45
28 Class D (unplanned interruptions by Transpower)	-	-
29 Class E (unplanned interruptions of EDB owned generation)	-	-
30 Class F (unplanned interruptions of generation owned by others)	-	-
31 Class G (unplanned interruptions caused by another disclosing entity)	-	-
32 Class H (planned interruptions caused by another disclosing entity)	-	-
33 Class I (interruptions caused by parties not included above)	-	-
34 Total	0.43	36.88

36 Normalised SAIFI and SAIDI

	Normalised SAIFI	Normalised SAIDI
37 Classes B & C (interruptions on the network)	0.43	36.88

Company Name **Wellington Electricity Lines Limited**

For Year Ended **31 March 2021**

Network / Sub-network Name

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

10(ii): Class C Interruptions and Duration by Cause

Cause	SAIFI	SAIDI
Lightning	0.00	0.18
Vegetation	0.03	2.82
Adverse weather	-	-
Adverse environment	0.00	0.37
Third party interference	0.10	6.63
Wildlife	0.02	1.37
Human error	0.00	0.25
Defective equipment	0.17	13.74
Cause unknown	0.04	3.08

10(iii): Class B Interruptions and Duration by Main Equipment Involved

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	-	-
Subtransmission cables	-	-
Subtransmission other	-	-
Distribution lines (excluding LV)	0.06	8.29
Distribution cables (excluding LV)	0.00	0.14
Distribution other (excluding LV)	-	-

10(iv): Class C Interruptions and Duration by Main Equipment Involved

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	-	-
Subtransmission cables	-	-
Subtransmission other	-	-
Distribution lines (excluding LV)	0.25	19.94
Distribution cables (excluding LV)	0.12	8.52
Distribution other (excluding LV)	-	-

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	-	57	-
Subtransmission cables	-	138	-
Subtransmission other	-	-	-
Distribution lines (excluding LV)	168	590	28.49
Distribution cables (excluding LV)	39	1,192	3.27
Distribution other (excluding LV)	-	-	-
Total	207		

Company Name Wellington Electricity Lines Limited
For Year Ended 31 March 2021

Schedule 14 Mandatory Explanatory Notes

(Guidance Note: This Microsoft Word version of Schedules 14, 14a and 15 is from the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018. Clause references in this template are to that determination)

1. This schedule requires EDBs to provide explanatory notes to information provided in accordance with clauses 2.3.1, 2.4.21, 2.4.22, and subclauses 2.5.1(1)(f), and 2.5.2(1)(e).
2. This schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.1. Information provided in boxes 1 to 11 of this schedule is part of the audited disclosure information, and so is subject to the assurance requirements specified in section 2.8.
3. Schedule 15 (Voluntary Explanatory Notes to Schedules) provides for EDBs to give additional explanation of disclosed information should they elect to do so.

Return on Investment (Schedule 2)

4. In the box below, comment on return on investment as disclosed in Schedule 2. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 1: Explanatory comment on return on investment

The 2021 return on investment (ROI) of 4.70% (vanilla WACC) is above the WACC estimate outlined in the cost of capital determination which is used to set the regulatory price path of 4.57% for the period 1 April 2020 to 31 March 2021.

The reason ROI was higher than WACC was because of higher cashflows from additional revenue earned in the period and lower outflows on CAPEX during the regulatory period. This higher cashflow was offset by the negative IRIS OPEX incentive and the pass-through balance annual recovery.

There were no reclassifications for the year.

Regulatory Profit (Schedule 3)

5. In the box below, comment on regulatory profit for the disclosure year as disclosed in Schedule 3. This comment must include-
 - 5.1 a description of material items included in other regulated income (other than gains / (losses) on asset disposals), as disclosed in 3(i) of Schedule 3

5.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 2: Explanatory comment on regulatory profit

During the year WELL recovered line charge revenue of \$148.2m which was greater than the actual allowable revenue. This over-recovery will be returned to consumers through the wash-up account in RY23. The line charge revenue was lower than prior year due to the reduction in WACC which applied from 1 April 2020.

WELL earned \$0.7m for charges relating to new connections, upgrades, decommissioning and temporary disconnections.

Operating expenses were in line with allowances for the year. Costs were higher than prior year due to increases in insurance premium costs, professional fees, software licensing costs and CPP project costs.

Pass-through and recoverable costs were in line with forecast, but lower than prior year due to the drop in Transpower fees due to drop in their WACC.

Depreciation was higher than last year due to the depreciation charged on right of use assets and CPP assets which were commissioned in the 2020 regulatory year.

Revaluations were lower than prior year due to the lower actual inflation rate for the 2021 year when compared to 2020 (1.52% vs. 2.53%)

There were no reclassifications for the year.

Merger and acquisition expenses (3(iv) of Schedule 3)

6. If the EDB incurred merger and acquisitions expenditure during the disclosure year, provide the following information in the box below-

6.1 information on reclassified items in accordance with subclause 2.7.1(2)

6.2 any other commentary on the benefits of the merger and acquisition expenditure to the EDB.

Box 3: Explanatory comment on merger and acquisition expenditure

There have been no mergers or acquisitions in the disclosure year.

There were no reclassifications for the year.

Value of the Regulatory Asset Base (Schedule 4)

7. In the box below, comment on the value of the regulatory asset base (rolled forward) in Schedule 4. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 4: Explanatory comment on the value of the regulatory asset based (rolled forward)

The value of the regulatory asset base has been determined by rolling forward the initial regulatory asset base with allowance made for additions, disposals, depreciation, asset allocation and revaluation in accordance with the Electricity Distribution Services Input Methodologies Determination 2012.

There were no reclassifications for the year.

Regulatory tax allowance: disclosure of permanent differences (5a(i) of Schedule 5a)

8. In the box below, provide descriptions and workings of the material items recorded in the following asterisked categories of 5a(i) of Schedule 5a-
- 8.1 Income not included in regulatory profit / (loss) before tax but taxable;
 - 8.2 Expenditure or loss in regulatory profit / (loss) before tax but not deductible;
 - 8.3 Income included in regulatory profit / (loss) before tax but not taxable;
 - 8.4 Expenditure or loss deductible but not in regulatory profit / (loss) before tax.

Box 5: Regulatory tax allowance: permanent differences

Wellington Electricity Lines Limited (WELL) has recorded expenditure before tax that is not deductible of \$42k. This includes non-deductible entertainment expenses in accordance with the New Zealand Tax Legislation.

Regulatory tax allowance: disclosure of temporary differences (5a(vi) of Schedule 5a)

9. In the box below, provide descriptions and workings of material items recorded in the asterisked category 'Tax effect of other temporary differences' in 5a(vi) of Schedule 5a.

Box 6: Tax effect of other temporary differences (current disclosure year)

Other temporary differences of \$357k include employee entitlements (\$52k), doubtful debts (-\$1k) and other accruals (\$306k) not deductible in the current period in accordance with the New Zealand Tax Legislation.

Cost allocation (Schedule 5d)

10. In the box below, comment on cost allocation as disclosed in Schedule 5d. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 7: Cost allocation

Allocating routine and corrective maintenance expenses to unregulated pole services.

Routine and corrective maintenance is an unavoidable cost for the regulated business and is crucial to network integrity. WELL also derives unregulated revenue from some poles in the form of rental for space on the pole for fibre connections. WELL applies the Accounting-based allocation (ABAA) approach method to allocated costs to the unregulated portion of the business.

There are two types of costs relating to the unregulated pole services:

(1) Installation costs: Installation costs incurred by WELL are the largest costs incurred in relation to the unregulated pole services. These costs sit outside of the regulatory cost base and are excluded from the information disclosures.

(2) On-going pole maintenance: Pole maintenance is performed annually and is ad-hoc. This is driven by the needs of the regulated business and not the fibre services - therefore there is no causal allocator available for these costs in relation to the unregulated portion of income. We have therefore allocated a portion of these costs to the unregulated business using a proxy allocator of the surface area of the pole used to house fibre equipment.

Allocating business support expenses to non-regulated services

These costs are generic business support costs which WELL allocated based on the ABAA approach. Business support services support unregulated services of rental of pole space for fibre, other leased assets not included in the RAB, loss rental rebates and instantaneous reserve revenue. Business support costs are allocated to these unregulated services using causal drivers. A causal driver has been selected because the activities to derive the revenue can be identified and the value associated to it can be calculated and separated from the regulated activities.

If the non-regulatory revenue streams did not exist, WELL would still incur the business support costs held in the regulatory business. Any business support costs directly relating to unregulated revenue have not been included in ID disclosures as a regulatory cost.

There were no reclassifications for the year.

Asset allocation (Schedule 5e)

11. In the box below, comment on asset allocation as disclosed in Schedule 5e. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 8: Commentary on asset allocation

WELL applies the ABAA method to allocate pole assets between the regulated and non-regulated parts of the business for fibre connections. WELL is unable to identify a direct causal relationship between the pole RAB and the unregulated revenue because the fibre equipment which also uses the poles is an incidental and incremental service – if the fibre connections did not exist, the poles would still be needed to provide distribution services. WELL has therefore applied a proxy allocator for the allocation of RAB between attributable and not directly attributable. The proxy allocator used is surface area of the pole. Surface area represents the portion of the pole that external parties are leasing to attach fibre connections to. The surface area of a pole used to attach fibre equipment has been calculated to be 2.25% of a pole. This percentage is applied to the average number of poles with a fibre connection, in the regulatory year.

There were no reclassifications for the year.

Capital Expenditure for the Disclosure Year (Schedule 6a)

12. In the box below, comment on expenditure on assets for the disclosure year, as disclosed in Schedule 6a. This comment must include-
- 12.1 a description of the materiality threshold applied to identify material projects and programmes described in Schedule 6a;
 - 12.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 9: Explanation of capital expenditure for the disclosure year

WELL has applied professional judgement in assessing whether a project or programme is deemed material. A project or programme is considered material where the required spend was at least \$250k or more or relates to the CPP.

There were no reclassifications for the year.

Operational Expenditure for the Disclosure Year (Schedule 6b)

13. In the box below, comment on operational expenditure for the disclosure year, as disclosed in Schedule 6b. This comment must include-
- 13.1 Commentary on assets replaced or renewed with asset replacement and renewal operational expenditure, as reported in 6b(i) of Schedule 6b;
 - 13.2 Information on reclassified items in accordance with subclause 2.7.1(2);
 - 13.3 Commentary on any material atypical expenditure included in operational expenditure disclosed in Schedule 6b, including the value of the expenditure the purpose of the expenditure, and the operational expenditure categories the expenditure relates to.

Box 10: Explanation of operational expenditure for the disclosure year

Asset replacement and renewal includes expenditure to replace or renew assets where the expenditure is not capitalised under NZ IFRS. This expenditure is of a maintenance nature.

There were no reclassifications for the year.

There was no material atypical expenditure included in operational expenditure in the disclosure year.

Variance between forecast and actual expenditure (Schedule 7)

14. In the box below, comment on variance in actual to forecast expenditure for the disclosure year, as reported in Schedule 7. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 11: Explanatory comment on variance in actual to forecast expenditure

Expenditure on Assets:

Consumer Connection: The increase in spend has been driven by a general uplift in development activity across the region and several large one-off customer projects. This is supported by the continued higher than usual number of new dwellings consented in the Wellington region. The number of consents in 2020 was 2,500, an increase from the annual average of 1,700 for the 6 years prior.

System Growth: The reduced expenditure has been due to changes in the sequencing of work for the Frederick Street Substation Transmission Cable upgrade project and the Evans Bay 33kV bus installation project. The 2021 AMP provides further details about these projects.

Asset Replacement and Renewals: The reduction was due to delays in the delivery of a number of projects impacted by COVID-19, including zone substation RTU replacement and distribution switchgear replacement.

Asset Relocation: A variation due to customer-initiated projects that did not progress.

Quality of Supply: Expenditure decreased due to programme changes resulting from asset health and reliability checks and flow on effects from COVID-19, where the work programme was reprioritised to focus on the areas of most importance.

Other Reliability: Higher than expected expenditure on the streamlined CPP work due to a change in the programme delivery schedule.

Expenditure on Non-Network Assets: In line with forecast.

Operational Expenditure:

Service Interruptions and Emergencies: Increased expenditure in reactive maintenance primarily due to market driven contractor price increases.

Vegetation Management: Expenditure reduced when compared to forecast due to a reduction in trees requiring cutting based on surveying results. This is as a result of our continued focus on, and refinement of, our risk-based approach to vegetation management first implemented in 2018.

Routine and Corrective Maintenance and Asset Replacement and Renewal: Decreased primarily due to rescheduling of the maintenance programme as a result of COVID-19 timing impacts.

Systems Operations and Network Support: Reduction due to an increase in support work attributed to capital projects. A further reduction resulted from reduced professional services fees due to changes in the 2021 work programmes.

Business support: In line with forecast.

There were no reclassifications for the year.

Information relating to revenues and quantities for the disclosure year

15. In the box below provide-

- 15.1 a comparison of the target revenue disclosed before the start of the disclosure year, in accordance with clause 2.4.1 and subclause 2.4.3(3) to total billed line charge revenue for the disclosure year, as disclosed in Schedule 8; and
- 15.2 explanatory comment on reasons for any material differences between target revenue and total billed line charge revenue.

Box 12: Explanatory comment relating to revenue for the disclosure year

Actual line charge revenue of \$148.2m was greater than the target revenue of \$146.2m. This was due to an increase in residential volumes and a decrease in commercial volumes due to people working from home during the Covid-19 economic lockdown and favourable wash-ups. \$0.2m of the difference was due to actual local government pass-through costs being less than expected.

Network Reliability for the Disclosure Year (Schedule 10)

16. In the box below, comment on network reliability for the disclosure year, as disclosed in Schedule 10.

Box 13: Commentary on network reliability for the disclosure year

WELL outperformed the quality targets outlined in clause 9 of the 2018 CPP Determination. The performance was a result of the continued refinements to WELL's quality improvement programme. At a high level, the quality improvement programme included:

- Continued work on improving feeder performance by undertaking refurbishment projects on 11 kV feeders.
- Analysing samples of conductors for fatigue and corrosion to assist with building a predictive model of conductor condition, and to provide a better understanding of future conductor replacement requirements.
- Trialling cable testing technology by testing poor performing cables with a variety of diagnostic tools.
- Reducing the response times to car vs pole incidents. New measures including using interrupter cable and temporary pole stands to reduce the time taken to restore power.

WELL will continue to investigate ways to improve the reliability of the network. WELL's AMP provides an analysis of critical trends and an annual update to the reliability performance improvement programme (the AMP can be found at: <https://www.welectricity.co.nz/disclosures/asset-management-plan>).

Disclosure of reliability information within Schedule 10

As outlined in the Commerce Commissions letter titled "*Information Disclosure exemption: Disclosure and auditing of reliability information within Schedule 10*", dated 17 May 2021, Wellington Electricity Lines Limited has provided additional disclosure information relating to the measurement of SAIFI.

EDBs must complete and disclose, as part of their disclosures under the ID Determination, the following information:

7.1.1 whether successive interruptions have been treated in the same way for the current disclosure year as they were for the previous disclosure year;

The treatment of successive interruptions in the 2021 disclosure year is consistent with the 2020 disclosure year and also with all previous disclosure years.

7.1.2 if successive interruptions were treated differently for the current disclosure year than they were for the previous disclosure year, provide an explanation of the nature of and reasons for the change; and

N/A

7.1.3 the process applied in recognising, or not recognising, successive interruptions following an initial outage.

Where an interruption to the supply of electricity distribution services to a customer is

followed by restoration, and then by a “successive interruption” within the same event, WELL records this as a single interruption. If the successive interruption includes customers that were not affected by the initial outage, those additional customers are added to the same event.

Insurance cover

17. In the box below, provide details of any insurance cover for the assets used to provide electricity distribution services, including-
 - 17.1 The EDB’s approaches and practices in regard to the insurance of assets used to provide electricity distribution services, including the level of insurance;
 - 17.2 In respect of any self insurance, the level of reserves, details of how reserves are managed and invested, and details of any reinsurance.

Box 14: Explanation of insurance cover

Due to the limited nature/cost of insurance cover available to WELL, only 15% of its assets have insurance cover. WELL has material damage (MD) and Business interruption (BI) insurance for key asset, including WELL’s GXP assets, zone substations, some critical distribution substations and its office fit out at Petone. WELL’s MD and BI insurance is currently placed through international markets.

The balance of WELL’s assets (85%) are uninsured because insurance cover is not available and/or not economically viable. WELL does not recover funds to hold as reserve provisions (ex-ante) under the building blocks approach to determining allowable revenues under the CPP. Therefore WELL is not self-insured.

Amendments to previously disclosed information

18. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with clause 2.12.1 in the last 7 years, including:
 - 18.1 a description of each error; and
 - 18.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 15: Disclosure of amendment to previously disclosed information

There have been no amendments to previous disclosure information.

Company Name Wellington Electricity Lines Limited

For Year Ended 31 March 2021

Schedule 15 Voluntary Explanatory Notes

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018.)

1. This schedule enables EDBs to provide, should they wish to-
 - 1.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1 and 2.5.2;
 - 1.2 information on any substantial changes to information disclosed in relation to a prior disclosure year, as a result of final wash-ups.
2. Information in this schedule is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.
3. Provide additional explanatory comment in the box below.

Box 1: Voluntary explanatory comment on disclosed information

Schedule 4 – Asset Life

The weighted average remaining and total expected asset lives have been calculated in accordance with Schedule 16 of the Information Disclosure Determination. The Information Disclosure Determination specifies the weighting is based on opening RAB values. Opening RAB is a depreciated value which skews the weighted average life values towards the newer, and consequently, higher value longer remaining life assets. This measure is therefore not a true reflection of the age of WELL's assets. WELL has reviewed and improved its calculation.

It is also important to note that asset age, particularly total average remaining asset life, is not the key driver of the need to replace network assets. Good asset management practice would suggest this is primarily driven by overall asset health – i.e. condition/performance/criticality. For this reason, WELL's forecast investment profiles set out in the company's current Asset Management Plan are not directly linked to addressing specific movements in average asset age although this is one of a number of key considerations.

Schedule 9b - Asset Age Profile

As a result of process improvements in the timely updating of GIS asset information, WELL has improved its asset age report which now better aligns with the regulatory year reporting.

Schedule 18 Certification For Year-End Disclosures

Clause 2.9.2

We, Richard Pearson and Charles Tsai, being directors of Wellington Electricity Lines Limited's certify that, having made all reasonable enquiry, to the best of our knowledge-

- a. the information prepared for the purposes of clauses 2.3.1, 2.3.2, 2.4.21, 2.4.22, 2.5.1, 2.5.2, and 2.7.1 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and
- b. the historical information used in the preparation of Schedules 8, 9a, 9b, 9c, 9d, 9e, 10, and 14 has been properly extracted from the Wellington Electricity Lines Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained.
- c. In respect of information concerning assets, costs and revenues valued or disclosed in accordance with clause 2.3.6 of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012, we are satisfied that-
 - i. the costs and values of assets or goods or services acquired from a related party comply, in all material respects, with clauses 2.3.6(1) and 2.3.6(3) of the Electricity Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5)(a)-2.2.11(5)(b) of the Electricity Distribution Services Input Methodologies Determination 2012; and
 - ii. the value of assets or goods or services sold or supplied to a related party comply, in all material respects, with clause 2.3.6(2) of the Electricity Distribution Information Disclosure Determination 2012.



Richard Pearson
Chairman



Charles Tsai
Director

28 July 2021

INDEPENDENT AUDITOR'S REPORT TO THE DIRECTORS OF WELLINGTON ELECTRICITY LINES LIMITED AND THE COMMERCE COMMISSION

Report on the Disclosure Information prepared in accordance with the Electricity Distribution Information Disclosure Determination 2012 (consolidated April 2018)

We have conducted a reasonable assurance engagement on whether the information disclosed by Wellington Electricity Lines Limited (the 'Company') required to be disclosed in accordance with the Electricity Distribution Information Disclosure Determination 2012 (consolidated April 2018) as amended by the Information Disclosure exemption: Disclosure and auditing of reliability information within Schedule 10, issued by the Commerce Commission on 17 May 2021 ('the Determination') for the disclosure year ended 31 March 2021, has been prepared, in all material respects, in accordance with the Determination.

The information required to be reported by the Company, and audited, under the Information Disclosure Determination is in schedules 1 to 4, 5a to 5g, 6a, 6b, 7, 10 and the explanatory notes in boxes 1 to 11 of Schedule 14, and the related party relationships, procurement policies and processes and the practical application of the procurement policies and processes disclosed in Schedule 5b (the 'Disclosure Information').

Further to the above, we have conducted the reasonable assurance engagement on whether the Company's basis for valuation of related party transactions ('the Related Party Transaction Information') for the disclosure year ended 31 March 2021, has been prepared, in all material respects, in accordance with clause 2.3.6, 2.3.8, 2.3.10, 2.3.11 and 2.3.12 of the Determination, and clauses 2.2.11(1)(g) and 2.2.11(5) of the Electricity Distribution Services Input Methodologies Determination 2012 (consolidated May 2020) ('the Input Methodologies Determination').

Opinion

This opinion has been formed on the basis of, and is subject to, the inherent limitations outlined elsewhere in this independent assurance report.

In our opinion:

- The Company has complied, in all material respects, with the Determination in preparing the Disclosure Information;
- The Related Party Transaction Information complies, in all material respects, with the Determination and the Input Methodologies Determination;
- As far as appears from an examination of them, proper records to enable the complete and accurate compilation of the Disclosure Information and the Related Party Transaction information have been kept by the Company; and
- As far as appears from an examination of the records, the information used in the preparation of the Disclosure Information and the Related Party Transaction Information has been properly extracted from the Company's accounting and other records and has been sourced, where appropriate, from the Company's financial and non-financial systems.

Basis of opinion

We have conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised): *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information* and the Standard on Assurance Engagements 3100 (Revised): *Compliance Engagements* ('SAE3100 (Revised)') issued by the New Zealand Auditing and Assurance Standards Board.

These standards require that we comply with ethical requirements and plan and perform our assurance engagement to provide reasonable assurance about whether the Disclosure Information has been prepared, in all material respects, with the Determination, and about whether the Related Party Transaction Information has been prepared, in all material respects, with the Determination and the Input Methodologies Determination. Reasonable assurance is a high level of assurance.

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

Key audit matters

Key audit matters are those matters that, in our professional judgement, were of most significance in our audit of the Disclosure Information. These matters were addressed in the context of our audit of the Disclosure Information, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Key audit matter	How our audit addressed the key audit matter
<p>Classification of expenditure between operating expenditure and capital expenditure</p> <p>The Company carries out a large number of individual network system projects that can be either operational (network maintenance) or capital (asset replacement or network growth) in nature.</p> <p>Professional judgement has been exercised about whether costs incurred in bringing assets to working condition for their intended use and should be capitalised as part of the cost of the asset, or whether they should be expensed as network maintenance. In the current year, total capital expenditures were \$49,628,000 compared to network operational expenditure incurred of \$33,409,000.</p> <p>The Company's business operations are regulated and are subject to maximum allowable revenue limits set by the Commerce Commission. These revenue limits are, in part, determined by the value of the Company's regulatory asset base which is determined by these expenditure classifications.</p> <p>The classification of expenditure between operating expenditure and capital expenditure is a key audit matter due to the level of judgement involved, extent of costs incurred, and importance of the regulatory asset base to future revenue determination.</p>	<p>Our audit procedures included the following:</p> <ul style="list-style-type: none"> Assessing the Company's capitalisation policy was in line with NZ IAS 16 – <i>Property, plant and equipment</i>, NZ IFRS 16: <i>Leases</i> and NZ IAS 38 – <i>Intangible assets</i>; Testing the design, implementation and operating effectiveness of controls over the application of the policy to expenditure incurred on network system projects; Comparing the average operating and capital expenditure ratios against the customised price path plan approved by the Commerce Commission. Using this analysis we focused our testing procedures on those areas or periods which were not consistent with the trends in the wider population; and Testing a sample of costs to invoice(s) or other supporting information to determine whether the expenditure was correctly classified as capital or operating expenditure.

Completeness & accuracy of non-financial reporting disclosures in relation to faults data capture (SAIDI/SAIFI)

The Information Disclosure Determination defines certain quality measures in relation to the number of interruptions, faults, cause of faults and the average SAIDI and SAIFI values.

SAIFI and SAIDI is calculated using aggregate faults and interruptions information for the period through prescribed formulas and requirements per Attachment B of the Determination.

The Company's policies and procedures require all high voltage faults, whether planned or unplanned, to be recorded.

The Company captures interruption automatically through the Outage database ('SCADA') but can also be from notification by the public of a fault. The information is then recorded in an outage listing, which is updated to reflect any manual adjustments.

Manual switching sheets are maintained for all faults and contain details regarding the class and calculation of each outage.

The Company's process is not wholly system integrated and manual adjustments are processed. As a result the completeness & accuracy of faults have been identified as a key audit matter.

Our audit procedures included the following:

- Obtaining an understanding of the Company's methods by which electricity outages and their duration are recorded;
- Testing the design and implementation of key controls related to the recording and review of outage data;
- Assessing the reasonableness of why certain events have not been recorded as outage events;
- For unplanned outages, selecting a sample of faults recorded on the Outage database and traced the number of customers, number of minutes, the class type and fault cause to the information recorded on the outage listing;
- For planned outages, selecting a sample of faults recorded on the switching sheets and traced the number of customers, number of minutes, the class type and fault cause to the information recorded on the system and the information recorded on the outage listing;
- Where a manual adjustment was processed, for planned or unplanned, obtaining supporting information for the adjustment;
- Recalculating the normalised SAIDI and SAIFI using the predetermined boundary limits; and
- Reviewing the disclosures in Schedule 14 in respect of the treatment of successive interruptions.

Valuation of related party goods and services at arms-length

The basis of valuation of related party transactions are required to be disclosed on Schedule 5b of the disclosure information.

The Directors have determined that the related party transactions identified have occurred at arms-length by comparing related party terms and conditions, including pricing, to external transactions and information obtained from benchmarking advice from an independent advisor on margins charged by contractors.

The related entity provides back office, information technology support services, systems operations, electrical contracting services and project management.

This represents \$3,275,000 or 6.60% of total capital expenditure, as set out in Schedule 6a.

This represents \$11,926,000 or 35.70% of total operational expenditure, as set out in Schedule 6b.

Due to the inherent judgment associated with the valuation of the goods or services on an arms-length basis, these matters have been identified as a key audit matter.

Our audit procedures included the following:

- Obtaining a detailed listing of all transactions impacting the Company for the disclosure year ended 31 March 2021 and comparing to the list of entities and transactions included on Schedule 5b. We also obtained management's methodology of how they determined the transactions were related party transactions and their assessment of these transactions at arm's length;
- Assessing the data per Wellington Electricity Lines Limited's benchmarking of contractor margins June 2018;
- Evaluating the independent advice obtained by the directors to support the arm's length assessment; and
- Evaluating the competence objectivity and relevant experience of the independent advisor who provided the benchmarking advice.

Responsibilities of the Board of Directors for the Disclosure Information

The Board of Directors is responsible on behalf of the Company for the preparation of the Disclosure Information and Related Party Transaction Information in accordance with the Determination. The responsibility includes the design, implementation and maintenance of internal control relevant to the Company's preparation of the Disclosure Information and the Related Party Transaction Information with the Determination.

Our Independence and Quality Control

We have complied with the independence and other ethical requirements of the Professional and Ethical Standard 1 *International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand)* ('PES 1') issued by the New Zealand Auditing and Assurance Standards Board ('NZAuASB'), which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.



Other than in our capacity as auditor, the provision of other assurance services, and the provision of taxation services, we have no relationship with or interests in the Company. These services have not impaired our independence as auditor of Wellington Electricity Lines Limited.

The firm applies Professional and Ethical Standard 3 (Amended): *Quality Control for Firms that Perform Audits and Reviews of Financial Statements, and Other Assurance Engagements* issued by the New Zealand Auditing and Assurance Standards Board, and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Auditor's Responsibility

Our responsibility is to express an opinion whether the Disclosure Information and the Related Party Transaction Information has been prepared, in all material respects, in accordance with the Determination and the Input Methodologies Determination. SAE 3100 (Revised) requires that we plan and perform our procedures to obtain reasonable assurance that the Company has complied, in all material aspects, with the Determination and the Input Methodologies Determination in relation to the preparation of the Disclosure Information and the Related Party Transaction Information.

An assurance engagement to report on the Company's preparation of the Disclosure Information and the Related Party Transaction Information in accordance with the Determination and the Input Methodologies Determination involves performing procedures to obtain evidence about the compliance activity and controls implemented to meet the requirements of the Determination and the Input Methodologies Determination. The procedures selected depend on our judgement, including the identification and assessment of risk of material non-compliance with the Determination and the input Methodologies Determination.

We have performed procedures to obtain evidence about the amounts and disclosures in the Disclosure Information and the basis of valuation in the Related Party Transaction Information. The procedures selected depend on our judgement, including the assessment of the risks of material misstatement of the Disclosure Information and Related Party Transaction Information, whether due to fraud or error or non-compliance with the Determination or the Input Methodologies Determination. In making those risk assessments, we considered internal control relevant to the Company's preparation of the Disclosure Information and Related Party Transaction Information in order to design procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.

Inherent Limitations

Because of the inherent limitations of a reasonable assurance engagement, and the test basis of the procedures performed, it is possible that fraud, error or non-compliance may occur and not be detected.

We did not examine every transaction, adjustment or event underlying the Disclosure Information or the Related Party Transaction Information nor do we guarantee complete accuracy of the Disclosure Information or the Related Party Transaction Information. Also we did not evaluate the security and controls over the electronic publication of the Disclosure Information or the Related Party Transaction Information.

The opinion expressed in this independent assurance report has been formed on the above basis.



Use of Report

This independent assurance report has been prepared solely for the directors of the Company and for the Commerce Commission for the purpose of providing those parties with reasonable assurance about whether the Disclosure Information has been prepared, in all material respects, in accordance with the Determination, and about whether the Related Party Transaction Information has been prepared in all material respects with the Determination and the Input Methodologies Determination. We disclaim any assumption of responsibility for any reliance on this report to any person other than the directors of the Company or the Commerce Commission, or for any other purpose than that for which it was prepared.

Deloitte Limited

Wellington, New Zealand
28 July 2021