



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

Company Name	Network Tasman Limited
Disclosure Date	31 August 2015
Disclosure Year (year ended)	31 March 2015

Templates for Schedules 1–10 excluding 5f–5g  
Template Version 4.1. Prepared 24 March 2015

Company Name **Network Tasman Limited**For Year Ended **31 March 2015****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

<b>1(i): Expenditure metrics</b>		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						
8						
9	<b>Operational expenditure</b>	16,559	258	82,518	2,749	25,285
10	Network	9,130	142	45,495	1,516	13,940
11	Non-network	7,430	116	37,023	1,234	11,344
12						
13	<b>Expenditure on assets</b>	25,728	401	128,206	4,272	39,284
14	Network	25,001	390	124,584	4,151	38,174
15	Non-network	727	11	3,622	121	1,110
16						
17	<b>1(ii): Revenue metrics</b>					
18						
19	<b>Total consumer line charge revenue</b>	71,410	1,114			
20	Standard consumer line charge revenue	82,354	1,031			
21	Non-standard consumer line charge revenue	26,942	1,051,667			
22						
23	<b>1(iii): Service intensity measures</b>					
24						
25	Demand density	39				Maximum coincident system demand per km of circuit length (for supply) (kW/km)
26	Volume density	166				Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
27	Connection point density	11				Average number of ICPs per km of circuit length (for supply) (ICPs/km)
28	Energy intensity	15,597				Total energy delivered to ICPs per average number of ICPs (kWh/ICP)
29						
30	<b>1(iv): Composition of regulatory income</b>					
31						
32	Operational expenditure		(\$000)	9,818	% of revenue	23.34%
33	Pass-through and recoverable costs excluding financial incentives and wash-ups			13,862		32.95%
34	Total depreciation			6,778		16.11%
35	Total revaluations			130		0.31%
36	Regulatory tax allowance			111		0.26%
37	Regulatory profit/(loss) including financial incentives and wash-ups			11,635		27.65%
38	<b>Total regulatory income</b>			42,074		
39						
40	<b>1(v): Reliability</b>					
41						
42	Interruption rate			8.63		Interruptions per 100 circuit km

Company Name **Network Tasman Limited**For Year Ended **31 March 2015****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

	CY-2	CY-1	Current Year CY
	31 Mar 13	31 Mar 14	31 Mar 15
	%	%	%
<b>2(i): Return on Investment</b>			
<b>ROI – comparable to a post tax WACC</b>			
Reflecting all revenue earned	8.14%	8.02%	6.66%
Excluding revenue earned from financial incentives	8.14%	8.02%	6.66%
Excluding revenue earned from financial incentives and wash-ups	8.14%	8.02%	5.34%
<b>Mid-point estimate of post tax WACC</b>			
25th percentile estimate	5.85%	5.43%	6.10%
75th percentile estimate	5.13%	4.71%	5.39%
	6.56%	6.14%	6.82%
<b>ROI – comparable to a vanilla WACC</b>			
Reflecting all revenue earned	8.91%	8.70%	7.44%
Excluding revenue earned from financial incentives	8.91%	8.70%	7.44%
Excluding revenue earned from financial incentives and wash-ups	8.91%	8.70%	6.13%
<b>WACC rate used to set regulatory price path</b>			
	8.77%	8.77%	8.77%
<b>Mid-point estimate of vanilla WACC</b>			
25th percentile estimate	6.62%	6.11%	6.89%
75th percentile estimate	5.91%	5.39%	6.17%
	7.34%	6.83%	7.60%
<b>2(ii): Information Supporting the ROI</b>			
			(\$000)
Total opening RAB value	155,232		
plus Opening deferred tax	(355)		
<b>Opening RIV</b>		154,877	
<b>Line charge revenue</b>		42,339	
Expenses cash outflow	23,680		
add Assets commissioned	13,773		
less Asset disposals	541		
add Tax payments	228		
less Other regulated income	(265)		
<b>Mid-year net cash outflows</b>		37,405	
<b>Term credit spread differential allowance</b>		–	
Total closing RAB value	161,816		
less Adjustment resulting from asset allocation	(0)		
less Lost and found assets adjustment	–		
plus Closing deferred tax	(238)		
<b>Closing RIV</b>		161,579	
<b>ROI – comparable to a vanilla WACC</b>			7.44%
Leverage (%)			44%
Cost of debt assumption (%)			6.36%
Corporate tax rate (%)			28%
<b>ROI – comparable to a post tax WACC</b>			6.66%

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**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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**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**

92			
93			
94	Year-end ROI – comparable to a vanilla WACC		5.47%
95			
96	Year-end ROI – comparable to a post tax WACC		4.68%
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**

101			
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		-
106	Other financial incentives		-
107	Financial incentives		-
108			
109	Impact of financial incentives on ROI		-
110			
111	Input methodology claw-back	2,793	
112	Recoverable customised price-quality path costs		-
113	Catastrophic event allowance		-
114	Capex wash-up adjustment		-
115	Transmission asset wash-up adjustment		-
116	2013–2015 NPV wash-up allowance		-
117	Reconsideration event allowance		-

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**SCHEDULE 2: REPORT ON RETURN ON INVESTMENT**

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*sch ref*

118	Other wash-ups	-	
119	<b>Wash-up costs</b>		2,793
120			
121	<b>Impact of wash-up costs on ROI</b>		1.31%

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 For Year Ended **31 March 2015**

### 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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7	<b>3(i): Regulatory Profit</b>	(\$000)
8	<b>Income</b>	
9	Line charge revenue	42,339
10	plus Gains / (losses) on asset disposals	(360)
11	plus Other regulated income (other than gains / (losses) on asset disposals)	95
12		
13	<b>Total regulatory income</b>	42,074
14	<b>Expenses</b>	
15	less Operational expenditure	9,818
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	13,862
18		
19	<b>Operating surplus / (deficit)</b>	18,394
20		
21	less Total depreciation	6,778
22		
23	plus Total revaluations	130
24		
25	<b>Regulatory profit / (loss) before tax</b>	11,746
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	111
30		
31	<b>Regulatory profit/(loss) including financial incentives and wash-ups</b>	11,635
32		
33	<b>3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups</b>	(\$000)
34	<b>Pass through costs</b>	
35	Rates	39
36	Commerce Act levies	90
37	Industry levies	131
38	CPP specified pass through costs	-
39	<b>Recoverable costs excluding financial incentives and wash-ups</b>	
40	Electricity lines service charge payable to Transpower	12,524
41	Transpower new investment contract charges	288
42	System operator services	-
43	Distributed generation allowance	790
44	Extended reserves allowance	-
45	Other recoverable costs excluding financial incentives and wash-ups	-
46	<b>Pass-through and recoverable costs excluding financial incentives and wash-ups</b>	13,862
47		

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 For Year Ended **31 March 2015**

### 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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		(\$000)	
		CY-1	CY
		31 Mar 14	31 Mar 15
48	<b>3(iii): Incremental Rolling Incentive Scheme</b>		
49			
50			
51	Allowed controllable opex	-	-
52	Actual controllable opex	-	-
53			
54	Incremental change in year		-
55			
56		Previous years' incremental change	Previous years' incremental change adjusted for inflation
57	CY-5 31 Mar 10	-	-
58	CY-4 31 Mar 11	-	-
59	CY-3 31 Mar 12	-	-
60	CY-2 31 Mar 13	-	-
61	CY-1 31 Mar 14	-	-
62	<b>Net incremental rolling incentive scheme</b>		-
63			
64	<b>Net recoverable costs allowed under incremental rolling incentive scheme</b>		-
65	<b>3(iv): Merger and Acquisition Expenditure</b>		
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	<b>3(v): Other Disclosures</b>		
70			(\$000)
71	Self-insurance allowance		-

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**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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7 8 9	4(i): Regulatory Asset Base Value (Rolled Forward)	for year ended				
		RAB 31 Mar 11 (\$000)	RAB 31 Mar 12 (\$000)	RAB 31 Mar 13 (\$000)	RAB 31 Mar 14 (\$000)	RAB 31 Mar 15 (\$000)
10	Total opening RAB value	151,197	153,984	152,910	150,493	155,232
11						
12	less Total depreciation	6,110	6,247	6,468	6,574	6,778
13						
14	plus Total revaluations	3,648	2,414	1,313	2,307	130
15						
16	plus Assets commissioned	5,710	3,101	3,113	9,280	13,773
17						
18	less Asset disposals	461	342	375	274	541
19						
20	plus Lost and found assets adjustment	-	-	-	-	-
21						
22	plus Adjustment resulting from asset allocation	-	-	(0)	0	(0)
23						
24	Total closing RAB value	153,984	152,910	150,493	155,232	161,816

26 27 28	4(ii): Unallocated Regulatory Asset Base	Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
29	Total opening RAB value		155,475		155,232
30	less				
31	Total depreciation		6,840		6,778
32	plus				
33	Total revaluations		130		130
34	plus				
35	Assets commissioned (other than below)	5,669		5,669	
36	Assets acquired from a regulated supplier	8,104		8,104	
37	Assets acquired from a related party	-		-	
38	Assets commissioned		13,773		13,773
39	less				
40	Asset disposals (other than below)	541		541	
41	Asset disposals to a regulated supplier	-		-	
42	Asset disposals to a related party	-		-	
43	Asset disposals		541		541
44					
45	plus Lost and found assets adjustment		-		-
46					
47	plus Adjustment resulting from asset allocation				(0)
48					
49	Total closing RAB value		161,997		161,816

\* 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.



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**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 <sub>t</sub>	1,193
CPI <sub>t-4</sub>	1,192
Revaluation rate (%)	0.08%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	155,475		155,232	
less Opening value of fully depreciated, disposed and lost assets	116		116	
Total opening RAB value subject to revaluation	155,359		155,116	
<b>Total revaluations</b>		130		130

**4(iv): Roll Forward of Works Under Construction**

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		1,793		1,794
plus Capital expenditure	14,830		14,829	
less Assets commissioned	13,773		13,773	
plus Adjustment resulting from asset allocation			-	
<b>Works under construction - current disclosure year</b>		2,850		2,850
Highest rate of capitalised finance applied				-

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**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 * (\$000)	RAB (\$000)
77		
78		
79	6,624	6,562
80	216	216
81	-	-
82	-	-
83	<b>Total depreciation</b>	<b>6,840</b>
84		<b>6,778</b>

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
86				
87				
88	there are no assets with changes to depreciation			
89				
90				
91				
92				
93				
94				
95				

\* 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	
98											
99	3,564	9,655	18,098	25,284	52,467	22,559	7,201	13,651	2,753	155,232	
100	less	146	186	556	1,775	1,351	1,119	627	790	228	6,778
101	plus	3	8	15	22	44	19	6	11	2	130
102	plus	4,958	172	2,927	1,282	634	1,695	419	1,264	422	13,773
103	less	-	-	-	65	42	304	1	13	116	541
104	plus	-	-	-	-	-	-	-	-	-	-
105	plus	-	-	-	-	-	-	-	-	-	-
106	plus	7	-	-	(7)	-	-	-	-	-	-
107	<b>Total closing RAB value</b>	<b>8,386</b>	<b>9,649</b>	<b>20,484</b>	<b>24,741</b>	<b>51,752</b>	<b>6,998</b>	<b>14,123</b>	<b>2,833</b>	<b>161,816</b>	
108											
109	<b>Asset Life</b>										
110	Weighted average remaining asset life	27.0	51.6	27.3	25.8	46.7	29.6	24.7	19.7	26.9	(years)
111	Weighted average expected total asset life	59.8	56.1	40.7	58.9	60.2	50.9	41.1	36.0	33.1	(years)

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### SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		(\$000)	
7	<b>5a(i): Regulatory Tax Allowance</b>		
8	<b>Regulatory profit / (loss) before tax</b>		11,746
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	4	*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	63	*
12	Amortisation of initial differences in asset values	2,621	
13	Amortisation of revaluations	373	
14			3,061
15			
16	<i>less</i> Total revaluations	130	
17	Income included in regulatory profit / (loss) before tax but not taxable	(0)	*
18	Discretionary discounts and customer rebates	10,079	
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
20	Notional deductible interest	4,202	
21			14,411
22			
23	<b>Regulatory taxable income</b>		396
24			
25	<i>less</i> Utilised tax losses	-	
26	Regulatory net taxable income		396
27			
28	Corporate tax rate (%)	28%	
29	<b>Regulatory tax allowance</b>		111

\* 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).

### 5a(iii): Amortisation of Initial Difference in Asset Values

(\$000)

34			
35			
36	Opening unamortised initial differences in asset values	94,360	
37	<i>less</i> Amortisation of initial differences in asset values	2,621	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	(583)	
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	9	
40	Closing unamortised initial differences in asset values		91,147
41			
42	Opening weighted average remaining useful life of relevant assets (years)		36
43			

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### SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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44	<b>5a(iv): Amortisation of Revaluations</b>		(\$000)
45			
46	Opening sum of RAB values without revaluations	143,932	
47			
48	Adjusted depreciation	6,405	
49	Total depreciation	6,778	
50	Amortisation of revaluations		373
51			
52	<b>5a(v): Reconciliation of Tax Losses</b>		(\$000)
53			
54	Opening tax losses	-	
55	plus Current period tax losses	-	
56	less Utilised tax losses	-	
57	Closing tax losses		-
58	<b>5a(vi): Calculation of Deferred Tax Balance</b>		(\$000)
59			
60	Opening deferred tax	(355)	
61			
62	plus Tax effect of adjusted depreciation	1,793	
63			
64	less Tax effect of tax depreciation	1,074	
65			
66	plus Tax effect of other temporary differences*	68	
67			
68	less Tax effect of amortisation of initial differences in asset values	734	
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	(63)	
73			
74	plus Deferred tax cost allocation adjustment	0	
75			
76	Closing deferred tax		(238)
77			
78	<b>5a(vii): Disclosure of Temporary Differences</b>		
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	<b>5a(viii): Regulatory Tax Asset Base Roll-Forward</b>		
82			(\$000)
83	Opening sum of regulatory tax asset values	47,883	
84	less Tax depreciation	3,834	
85	plus Regulatory tax asset value of assets commissioned	14,000	
86	less Regulatory tax asset value of asset disposals	316	
87	plus Lost and found assets adjustment	-	
88	plus Adjustment resulting from asset allocation	-	
89	plus Other adjustments to the RAB tax value	-	
90	Closing sum of regulatory tax asset values		57,733

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 For Year Ended **31 March 2015**

**SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS**

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.6 and 2.3.7 of the ID 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*

**5b(i): Summary—Related Party Transactions**

(\$000)

Total regulatory income	63
Operational expenditure	
Capital expenditure	
Market value of asset disposals	
Other related party transactions	

**5b(ii): Entities Involved in Related Party Transactions**

Name of related party	Related party relationship
Nelson Electricity Ltd	50% owned by Network Tasman Limited

*\* include additional rows if needed*

**5b(iii): Related Party Transactions**

Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
Nelson Electricity Ltd	Sales	Management services fee for engineering support	49	ID clause 2.3.7(2)(b)
Nelson Electricity Ltd	Sales	Electricity Authority levies on-charged	12	ID clause 2.3.7(2)(c)
Nelson Electricity Ltd	Sales	Administration Fee	2	ID clause 2.3.7(2)(c)

*\* include additional rows if needed*

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**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	Cost of executing an interest rate swap	Debt issue cost readjustment
N/A									
* 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	44%	
Average opening and closing RAB values		
Attribution Rate (%)		-
Term credit spread differential allowance		-

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**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	OVABAA allocation increase (\$000s)
7	<b>5d(i): Operating Cost Allocations</b>				
8					
9					
10	<b>Service interruptions and emergencies</b>				
11	Directly attributable		851		
12	Not directly attributable		-		
13	<b>Total attributable to regulated service</b>		851		
14	<b>Vegetation management</b>				
15	Directly attributable		861		
16	Not directly attributable		-		
17	<b>Total attributable to regulated service</b>		861		
18	<b>Routine and corrective maintenance and inspection</b>				
19	Directly attributable		1,268		
20	Not directly attributable		-		
21	<b>Total attributable to regulated service</b>		1,268		
22	<b>Asset replacement and renewal</b>				
23	Directly attributable		2,433		
24	Not directly attributable		-		
25	<b>Total attributable to regulated service</b>		2,433		
26	<b>System operations and network support</b>				
27	Directly attributable		1,852		
28	Not directly attributable		-		
29	<b>Total attributable to regulated service</b>		1,852		
30	<b>Business support</b>				
31	Directly attributable		2,553		
32	Not directly attributable		-		
33	<b>Total attributable to regulated service</b>		2,553		
34					
35	<b>Operating costs directly attributable</b>		9,818		
36	<b>Operating costs not directly attributable</b>	-	-	-	-
37	<b>Operational expenditure</b>		9,818		
38					

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**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**

40	Pass through and recoverable costs	(\$000)
41	<b>Pass through costs</b>	
42	Directly attributable	260
43	Not directly attributable	-
44	<b>Total attributable to regulated service</b>	260
45	<b>Recoverable costs</b>	
46	Directly attributable	13,602
47	Not directly attributable	-
48	<b>Total attributable to regulated service</b>	13,602

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

51			(\$000)	
52	Change in cost allocation 1		CY-1	Current Year (CY)
53	Cost category		Original allocation	-
54	Original allocator or line items		New allocation	-
55	New allocator or line items		Difference	-
56	Rationale for change			

60			(\$000)	
61	Change in cost allocation 2		CY-1	Current Year (CY)
62	Cost category		Original allocation	-
63	Original allocator or line items		New allocation	-
64	New allocator or line items		Difference	-
65	Rationale for change			

69			(\$000)	
70	Change in cost allocation 3		CY-1	Current Year (CY)
71	Cost category		Original allocation	-
72	Original allocator or line items		New allocation	-
73	New allocator or line items		Difference	-
74	Rationale for change			

78 \* 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.  
 79 † include additional rows if needed



Company Name	Network Tasman Limited
For Year Ended	31 March 2015

**SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS**

This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. 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

5e(i): Regulated Service Asset Values		Value allocated (\$000s)
		Electricity distribution services
7		
8		
9		
10	<b>Subtransmission lines</b>	
11	Directly attributable	8,386
12	Not directly attributable	-
13	<b>Total attributable to regulated service</b>	8,386
14	<b>Subtransmission cables</b>	
15	Directly attributable	9,649
16	Not directly attributable	-
17	<b>Total attributable to regulated service</b>	9,649
18	<b>Zone substations</b>	
19	Directly attributable	20,484
20	Not directly attributable	-
21	<b>Total attributable to regulated service</b>	20,484
22	<b>Distribution and LV lines</b>	
23	Directly attributable	24,741
24	Not directly attributable	-
25	<b>Total attributable to regulated service</b>	24,741
26	<b>Distribution and LV cables</b>	
27	Directly attributable	51,752
28	Not directly attributable	-
29	<b>Total attributable to regulated service</b>	51,752
30	<b>Distribution substations and transformers</b>	
31	Directly attributable	22,850
32	Not directly attributable	-
33	<b>Total attributable to regulated service</b>	22,850
34	<b>Distribution switchgear</b>	
35	Directly attributable	6,998
36	Not directly attributable	-
37	<b>Total attributable to regulated service</b>	6,998
38	<b>Other network assets</b>	
39	Directly attributable	13,650
40	Not directly attributable	473
41	<b>Total attributable to regulated service</b>	14,123
42	<b>Non-network assets</b>	
43	Directly attributable	2,833
44	Not directly attributable	-
45	<b>Total attributable to regulated service</b>	2,833
46		
47	<b>Regulated service asset value directly attributable</b>	161,343
48	<b>Regulated service asset value not directly attributable</b>	473
49	<b>Total closing RAB value</b>	161,816
50		

5e(ii): Changes in Asset Allocations* †		(\$000)	
		CY-1	Current Year (CY)
51			
52			
53	<b>Change in asset value allocation 1</b>		
54	Asset category	0	
55	Original allocator or line items		
56	New allocator or line items	0	
57			
58	Rationale for change		
59			
60			
61			
62	<b>Change in asset value allocation 2</b>		
63	Asset category		
64	Original allocator or line items		
65	New allocator or line items		
66			
67	Rationale for change		
68			
69			
70			
71	<b>Change in asset value allocation 3</b>		
72	Asset category		
73	Original allocator or line items		
74	New allocator or line items		
75			
76	Rationale for change		
77			
78			

\* a change in asset allocation must be completed for each allocator or component 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 **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 5f: REPORT SUPPORTING COST ALLOCATIONS**

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5d (Cost allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission.

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.

7	Have costs been allocated in aggregate using ACAM in accordance with clause 2.1.1(3) of the IM Determination?										
8											Yes
9											
10					Allocator Metric (%)		Value allocated (\$000)			OVABAA allocation increase (\$000)	
11	Line Item*	Allocation methodology type	Cost allocator	Allocator type	Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services		Total
12	<b>Service interruptions and emergencies</b>										
13	all				100.00%						-
14											-
15											-
16											-
17	Not directly attributable										
18	<b>Vegetation management</b>										
19	all				100.00%						-
20											-
21											-
22											-
23	Not directly attributable										
24	<b>Routine and corrective maintenance and inspection</b>										
25	all				100.00%						-
26											-
27											-
28											-
29	Not directly attributable										
30	<b>Asset replacement and renewal</b>										
31	all				100.00%						-
32											-
33											-
34											-
35	Not directly attributable										
36											

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 5f: REPORT SUPPORTING COST ALLOCATIONS**

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5d (Cost allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission.

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										
37	<b>System operations and network support</b>									
38	all				100.00%					-
39										-
40										-
41										-
42	<b>Not directly attributable</b>									-
43	<b>Business support</b>									
44	all				100.00%					-
45										-
46										-
47										-
48	<b>Not directly attributable</b>									-
49	<b>Operating costs not directly attributable</b>									
50										-
51										-
52	<b>Pass through and recoverable costs</b>									
53	<b>Pass through costs</b>									
54	all				100.00%					-
55										-
56										-
57										-
58	<b>Not directly attributable</b>									-
59	<b>Recoverable costs</b>									
60	all				100.00%					-
61										-
62										-
63										-
64	<b>Not directly attributable</b>									-
65	<i>* include additional rows if needed</i>									

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 5g: REPORT SUPPORTING ASSET ALLOCATIONS**

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5e (Report on Asset Allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission.

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	Have assets been allocated in aggregate using ACAM in accordance with clause 2.1.1(3) of the IM Determination?										
8											Yes
9											
10	Line Item*	Allocation methodology type	Allocator	Allocator type	Allocator Metric (%)		Value allocated (\$000)				OVABAA allocation increase (\$000)
11					Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	
12	<b>Subtransmission lines</b>										
13	all				100.00%						
14											
15											
16											
17	Not directly attributable										
18	<b>Subtransmission cables</b>										
19	all				100.00%						
20											
21											
22											
23	Not directly attributable										
24	<b>Zone substations</b>										
25	all				100.00%						
26											
27											
28											
29	Not directly attributable										
30	<b>Distribution and LV lines</b>										
31	all				100.00%						
32											
33											
34											
35	Not directly attributable										

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 5g: REPORT SUPPORTING ASSET ALLOCATIONS**

This schedule requires additional detail on the asset allocation methodology applied in allocating asset values that are not directly attributable, to support the information provided in Schedule 5e (Report on Asset Allocations). This schedule is not required to be publicly disclosed, but must be disclosed to the Commission.

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

36	<b>Distribution and LV cables</b>									
37	all				100.00%					-
38										-
39										-
40										-
41	<b>Not directly attributable</b>									-
42										
43	<b>Distribution substations and transformers</b>									
44	all				100.00%					-
45										-
46										-
47										-
48	<b>Not directly attributable</b>									-
49										
50	<b>Distribution switchgear</b>									
51	all				100.00%					-
52										-
53										-
54										-
55	<b>Not directly attributable</b>									-
56	<b>Other network assets</b>									
57	Fibre to Substation Assets	ACAM	luation of actual co	Causal	72.32%	27.68%		473	181	654
58	Other				100.00%			13,650		13,650
59										-
60										-
61	<b>Not directly attributable</b>									-
62	<b>Non-network assets</b>									
63	all				100.00%					-
64										-
65										-
66										-
67	<b>Not directly attributable</b>									-
68										
69	<b>Regulated service asset value not directly attributable</b>									-
70										-

\* include additional rows if needed

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

### 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	<b>6a(i): Expenditure on Assets</b>		(\$000)	(\$000)
8	Consumer connection			1,031
9	System growth			1,036
10	Asset replacement and renewal			1,632
11	Asset relocations			1,339
12	Reliability, safety and environment:			
13	Quality of supply	9,785		
14	Legislative and regulatory	-		
15	Other reliability, safety and environment	-		
16	<b>Total reliability, safety and environment</b>			9,785
17	<b>Expenditure on network assets</b>			14,823
18	Expenditure on non-network assets			431
19				
20	<b>Expenditure on assets</b>			15,254
21	plus Cost of financing			-
22	less Value of capital contributions			467
23	plus Value of vested assets			42
24				
25	<b>Capital expenditure</b>			14,829
26	<b>6a(ii): Subcomponents of Expenditure on Assets (where known)</b>			(\$000)
27	Energy efficiency and demand side management, reduction of energy losses			-
28	Overhead to underground conversion			1,179
29	Research and development			-
30	<b>6a(iii): Consumer Connection</b>			
31	<i>Consumer types defined by EDB*</i>		(\$000)	(\$000)
32	Consumers 20kVA and less		338	
33	Consumers greater than 20kVA		693	
34		0		
35		0		
36		0		
37	<i>* include additional rows if needed</i>			
38	<b>Consumer connection expenditure</b>			1,031
39				
40	less Capital contributions funding consumer connection expenditure		7	
41	<b>Consumer connection less capital contributions</b>			1,024
42	<b>6a(iv): System Growth and Asset Replacement and Renewal</b>			
43			System Growth	Asset Replacement and Renewal
44			(\$000)	(\$000)
45	Subtransmission	119		1
46	Zone substations	232		36
47	Distribution and LV lines	44		832
48	Distribution and LV cables	74		21
49	Distribution substations and transformers	375		305
50	Distribution switchgear	55		313
51	Other network assets	137		124
52	<b>System growth and asset replacement and renewal expenditure</b>	1,036		1,632
53	less Capital contributions funding system growth and asset replacement and renewal	161		56
54	<b>System growth and asset replacement and renewal less capital contributions</b>	875		1,576
55				
56	<b>6a(v): Asset Relocations</b>			
57	<i>Project or programme*</i>		(\$000)	(\$000)
58	Underground 400v & 11kV Lines High Street Motueka	1,070		
59		-		
60		-		
61		-		
62		-		
63	<i>* include additional rows if needed</i>			
64	All other projects or programmes - asset relocations	269		
65	<b>Asset relocations expenditure</b>			1,339
66	less Capital contributions funding asset relocations	243		
67	<b>Asset relocations less capital contributions</b>			1,096

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**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	<b>6a(vi): Quality of Supply</b>			
70	Project or programme*	(\$000)	(\$000)	
71		8,055		
72		1,310		
73		-		
74		-		
75		-		
76	* include additional rows if needed			
77	All other projects programmes - quality of supply	420		
78	<b>Quality of supply expenditure</b>		9,785	
79	less Capital contributions funding quality of supply	-		
80	<b>Quality of supply less capital contributions</b>		9,785	
81	<b>6a(vii): Legislative and Regulatory</b>			
82	Project or programme*	(\$000)	(\$000)	
83		-		
84		-		
85		-		
86		-		
87		-		
88	* include additional rows if needed			
89	All other projects or programmes - legislative and regulatory	-		
90	<b>Legislative and regulatory expenditure</b>		-	
91	less Capital contributions funding legislative and regulatory	-		
92	<b>Legislative and regulatory less capital contributions</b>		-	
93	<b>6a(viii): Other Reliability, Safety and Environment</b>			
94	Project or programme*	(\$000)	(\$000)	
95		-		
96		-		
97		-		
98		-		
99		-		
100	* include additional rows if needed			
101	All other projects or programmes - other reliability, safety and environment	-		
102	<b>Other reliability, safety and environment expenditure</b>		-	
103	less Capital contributions funding other reliability, safety and environment	-		
104	<b>Other reliability, safety and environment less capital contributions</b>		-	
105				
106	<b>6a(ix): Non-Network Assets</b>			
107	<b>Routine expenditure</b>			
108	Project or programme*	(\$000)	(\$000)	
109	Computer hardware	156		
110	Computer software	101		
111		-		
112		-		
113		-		
114	* include additional rows if needed			
115	All other projects or programmes - routine expenditure	174		
116	<b>Routine expenditure</b>		431	
117	<b>Atypical expenditure</b>			
118	Project or programme*	(\$000)	(\$000)	
119		-		
120		-		
121		-		
122		-		
123		-		
124	* include additional rows if needed			
125	All other projects or programmes - atypical expenditure	-		
126	<b>Atypical expenditure</b>		-	
127				
128	<b>Expenditure on non-network assets</b>		431	

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**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	<b>6b(i): Operational Expenditure</b>		
8	Service interruptions and emergencies	851	
9	Vegetation management	861	
10	Routine and corrective maintenance and inspection	1,268	
11	Asset replacement and renewal	2,433	
12	<b>Network opex</b>		5,413
13	System operations and network support	1,852	
14	Business support	2,553	
15	<b>Non-network opex</b>		4,405
16			
17	<b>Operational expenditure</b>		9,818
18	<b>6b(ii): Subcomponents of Operational Expenditure (where known)</b>		
19	Energy efficiency and demand side management, reduction of energy losses		-
20	Direct billing*		-
21	Research and development		-
22	Insurance		229
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		



Company Name **Network Tasman Limited**For Year Ended **31 March 2015****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

<b>7(i): Revenue</b>		<b>Target (\$000) <sup>1</sup></b>	<b>Actual (\$000)</b>	<b>% variance</b>
7				
8	Line charge revenue	42,116	42,339	1%
<b>7(ii): Expenditure on Assets</b>		<b>Forecast (\$000) <sup>2</sup></b>	<b>Actual (\$000)</b>	<b>% variance</b>
9				
10	Consumer connection	926	1,031	11%
11	System growth	3,615	1,036	(71%)
12	Asset replacement and renewal	1,432	1,632	14%
13	Asset relocations	1,877	1,339	(29%)
14	Reliability, safety and environment:			
15	Quality of supply	8,174	9,785	20%
16	Legislative and regulatory	204	–	(100%)
17	Other reliability, safety and environment	122	–	(100%)
18	<b>Total reliability, safety and environment</b>	<b>8,500</b>	<b>9,785</b>	<b>15%</b>
19	<b>Expenditure on network assets</b>	<b>16,350</b>	<b>14,823</b>	<b>(9%)</b>
20	Expenditure on non-network assets	455	431	(5%)
21	Expenditure on assets	16,805	15,254	(9%)
<b>7(iii): Operational Expenditure</b>				
22				
23	Service interruptions and emergencies	720	851	18%
24	Vegetation management	949	861	(9%)
25	Routine and corrective maintenance and inspection	955	1,268	33%
26	Asset replacement and renewal	1,646	2,433	48%
27	<b>Network opex</b>	<b>4,270</b>	<b>5,413</b>	<b>27%</b>
28	System operations and network support	2,686	1,852	(31%)
29	Business support	2,561	2,553	(0%)
30	<b>Non-network opex</b>	<b>5,247</b>	<b>4,405</b>	<b>(16%)</b>
31	<b>Operational expenditure</b>	<b>9,517</b>	<b>9,818</b>	<b>3%</b>
<b>7(iv): Subcomponents of Expenditure on Assets (where known)</b>				
32				
33	Energy efficiency and demand management, reduction of energy losses	–	–	–
34	Overhead to underground conversion	1,040	1,179	13%
35	Research and development	–	–	–
36				
<b>7(v): Subcomponents of Operational Expenditure (where known)</b>				
37				
38	Energy efficiency and demand side management, reduction of energy losses	–	–	–
39	Direct billing	–	–	–
40	Research and development	–	–	–
41	Insurance	237	229	(3%)
42				

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

<sup>2</sup> 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)

MATERIALS & SUPPLIES TO BE ORDERED FOR THE PROJECT		QUANTITY		UNIT		PRICE		TOTAL		REMARKS	
ITEM NO.	DESCRIPTION	QTY	UNIT	PRICE	UNIT	QTY	UNIT	PRICE	UNIT	QTY	UNIT
1	CEMENT	100	KG	1.20	KG	100	KG	1.20	KG		
2	SAND	200	M <sup>3</sup>	15.00	M <sup>3</sup>	200	M <sup>3</sup>	3000.00	M <sup>3</sup>		
3	AGGREGATE	300	M <sup>3</sup>	10.00	M <sup>3</sup>	300	M <sup>3</sup>	3000.00	M <sup>3</sup>		
4	STEEL	50	KG	2.00	KG	50	KG	100.00	KG		
5	BRICKS	1000	NO.	0.10	NO.	1000	NO.	100.00	NO.		
6	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
7	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
8	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
9	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
10	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
11	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
12	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
13	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
14	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
15	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
16	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
17	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
18	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
19	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
20	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
21	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
22	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
23	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
24	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
25	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
26	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
27	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
28	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
29	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
30	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
31	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
32	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
33	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
34	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
35	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
36	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
37	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
38	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
39	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
40	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
41	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
42	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
43	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
44	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
45	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
46	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
47	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
48	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
49	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
50	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
51	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
52	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
53	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
54	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
55	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
56	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
57	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
58	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
59	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
60	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
61	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
62	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
63	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
64	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
65	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
66	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
67	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
68	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
69	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
70	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
71	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
72	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
73	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
74	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
75	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
76	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
77	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
78	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
79	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
80	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
81	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
82	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
83	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
84	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
85	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
86	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
87	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
88	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
89	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
90	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
91	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
92	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
93	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
94	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
95	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
96	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
97	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
98	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
99	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
100	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
101	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
102	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
103	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
104	ROOFING	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M <sup>2</sup>	100.00	M <sup>2</sup>		
105	PAINT	10	LITERS	10.00	LITERS	10	LITERS	100.00	LITERS		
106	WATER	1000	LITERS	0.001	LITERS	1000	LITERS	1.00	LITERS		
107	ELECTRICITY	100	KWH	0.10	KWH	100	KWH	10.00	KWH		
108	LABOR	100	HOURS	1.00	HOURS	100	HOURS	100.00	HOURS		
109	CONCRETE	100	M <sup>3</sup>	1.00	M <sup>3</sup>	100	M <sup>3</sup>	100.00	M <sup>3</sup>		
110	PLASTER	100	M <sup>2</sup>	1.00	M <sup>2</sup>	100	M<				



Company Name	<b>Network Tasman Limited</b>
For Year Ended	<b>31 March 2015</b>
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

8	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
9	All	Overhead Line	Concrete poles / steel structure	No.	27,113	25,706	(1,407)	3
10	All	Overhead Line	Wood poles	No.	1,117	1,417	300	3
11	All	Overhead Line	Other pole types	No.	509	1,138	629	3
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	123	281	158	4
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	27	27	(0)	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	3	3	0	4
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas pressurised)	km	-	-	-	4
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	4
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	4
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	11	13	2	4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	4
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	4
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	-	8	8	4
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	-	-	-	4
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	101	101	-	4
29	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	4
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	9	9	-	4
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	18	22	4	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	80	84	4	4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	8	8	-	4
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	24	23	(1)	4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,903	1,902	(1)	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	3
37	HV	Distribution Line	SWER conductor	km	-	-	-	4
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	146	107	(39)	3
39	HV	Distribution Cable	Distribution UG PILC	km	91	137	46	3
40	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	61	65	4	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	-	-	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1,224	1,232	8	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	225	231	6	3
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	32	32	-	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	3,799	3,810	11	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	623	636	13	3
48	HV	Distribution Transformer	Voltage regulators	No.	10	11	1	4
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	25	24	(1)	4
50	LV	LV Line	LV OH Conductor	km	519	515	(4)	4
51	LV	LV Cable	LV UG Cable	km	582	594	12	4
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	-	-	-	4
53	LV	Connections	OH/UG consumer service connections	No.	37,872	38,314	442	4
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	140	131	(9)	4
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	11	1	(10)	4
56	All	Capacitor Banks	Capacitors including controls	No.	8	10	2	4
57	All	Load Control	Centralised plant	Lot	5	5	-	4
58	All	Load Control	Relays	No.	-	-	-	1
59	All	Civils	Cable Tunnels	km	-	-	-	4



Company Name **Network Tasman Limited**

For Year Ended **31 March 2015**

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	<b>Circuit length by operating voltage (at year end)</b>	<b>Overhead (km)</b>	<b>Underground (km)</b>	<b>Total circuit length (km)</b>
11	> 66kV	–	–	–
12	50kV & 66kV	158	–	158
13	33kV	123	34	157
14	SWER (all SWER voltages)	–	–	–
15	22kV (other than SWER)	112	13	125
16	6.6kV to 11kV (inclusive—other than SWER)	1,790	232	2,022
17	Low voltage (< 1kV)	515	594	1,109
18	<b>Total circuit length (for supply)</b>	<b>2,699</b>	<b>872</b>	<b>3,571</b>
19				
20	Dedicated street lighting circuit length (km)	–	–	–
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			8
22				
23	<b>Overhead circuit length by terrain (at year end)</b>	(% of total)		
24	Urban	<b>Circuit length (km)</b>	<b>overhead length</b>	
25	Rural	195	7%	
26	Remote only	2,269	84%	
27	Rugged only	116	4%	
28	Remote and rugged	111	4%	
29	Unallocated overhead lines	8	0%	
30	<b>Total overhead length</b>	<b>2,699</b>	<b>100%</b>	
31				
32		(% of total circuit length)		
33	Length of circuit within 10km of coastline or geothermal areas (where known)	<b>Circuit length (km)</b>	<b>length</b>	
		1,619	45%	
34		(% of total)		
35	Overhead circuit requiring vegetation management	<b>Circuit length (km)</b>	<b>overhead length</b>	
		2,699	100%	

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2015**

**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	None		
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26	* 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		

Company Name

Network Tasman Limited

For Year Ended

31 March 2015

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

8	<b>9e(i): Consumer Connections</b>		
9	Number of ICPS connected in year by consumer type		
10	Consumer types defined by EDB*	<b>Number of connections (ICPs)</b>	
11	Consumers 20kVA and less	499	
12	Consumers greater than 20kVA	40	
13			
14			
15			
16	* include additional rows if needed		
17	<b>Connections total</b>	539	
18			
19	<b>Distributed generation</b>		
20	Number of connections made in year	117	connections
21	Capacity of distributed generation installed in year	0.53	MVA
22	<b>9e(ii): System Demand</b>		
23			
24		<b>Demand at time of maximum coincident demand (MW)</b>	
25	<b>Maximum coincident system demand</b>		
26	GXP demand	140	
27	plus Distributed generation output at HV and above	1	
28	<b>Maximum coincident system demand</b>	141	
29	less Net transfers to (from) other EDBs at HV and above	22	
30	<b>Demand on system for supply to consumers' connection points</b>	119	
31	<b>Electricity volumes carried</b>	<b>Energy (GWh)</b>	
32	Electricity supplied from GXPs	701	
33	less Electricity exports to GXPs	4	
34	plus Electricity supplied from distributed generation	22	
35	less Net electricity supplied to (from) other EDBs	92	
36	<b>Electricity entering system for supply to consumers' connection points</b>	627	
37	less Total energy delivered to ICPS	593	
38	<b>Electricity losses (loss ratio)</b>	34	5.4%
39			
40	<b>Load factor</b>	0.60	
41	<b>9e(iii): Transformer Capacity</b>		
42		<b>(MVA)</b>	
43	Distribution transformer capacity (EDB owned)	388	
44	Distribution transformer capacity (Non-EDB owned, estimated)	44	
45	<b>Total distribution transformer capacity</b>	432	
46			
47	<b>Zone substation transformer capacity</b>	329	



Company Name	Network Tasman Limited
For Year Ended	31 March 2015
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	<b>10(i): Interruptions</b>		
9	<b>Interruptions by class</b>	<b>Number of interruptions</b>	
10	Class A (planned interruptions by Transpower)	-	
11	Class B (planned interruptions on the network)	162	
12	Class C (unplanned interruptions on the network)	144	
13	Class D (unplanned interruptions by Transpower)	2	
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	<b>Total</b>	<b>308</b>	
20			
21	<b>Interruption restoration</b>	<b>≤3Hrs</b>	<b>&gt;3hrs</b>
22	Class C interruptions restored within	109	35
23			
24	<b>SAIFI and SAIDI by class</b>	<b>SAIFI</b>	<b>SAIDI</b>
25	Class A (planned interruptions by Transpower)	-	-
26	Class B (planned interruptions on the network)	0.22	57.7
27	Class C (unplanned interruptions on the network)	1.18	122.8
28	Class D (unplanned interruptions by Transpower)	0.44	29.8
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	<b>Total</b>	<b>1.84</b>	<b>210.3</b>
35			
36	<b>Normalised SAIFI and SAIDI</b>	<b>Normalised SAIFI</b>	<b>Normalised SAIDI</b>
37	Classes B & C (interruptions on the network)	1.40	157.8
38			
39	<b>Quality path normalised reliability limit</b>	<b>SAIFI reliability limit</b>	<b>SAIDI reliability limit</b>
40	SAIFI and SAIDI limits applicable to disclosure year*	1.74	162.5
41	* not applicable to exempt EDBs		

Company Name **Network Tasman Limited**

For Year Ended **31 March 2015**

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	-	-
Vegetation	0.00	0.0
Adverse weather	0.39	61.2
Adverse environment	-	-
Third party interference	0.21	14.2
Wildlife	0.05	6.5
Human error	0.01	0.4
Defective equipment	0.13	10.4
Cause unknown	0.38	29.6

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	-	0.0
Subtransmission cables	-	-
Subtransmission other	-	-
Distribution lines (excluding LV)	0.17	50.9
Distribution cables (excluding LV)	0.04	3.4
Distribution other (excluding LV)	0.02	3.5

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.12	7.1
Subtransmission cables	-	-
Subtransmission other	-	0.0
Distribution lines (excluding LV)	1.02	110.3
Distribution cables (excluding LV)	0.01	0.8
Distribution other (excluding LV)	0.03	4.6

**10(v): Fault Rate**

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	6	123	4.88
Subtransmission cables	-	30	-
Subtransmission other	2		
Distribution lines (excluding LV)	122	1,902	6.41
Distribution cables (excluding LV)	6	244	2.46
Distribution other (excluding LV)	8		
<b>Total</b>	<b>144</b>		

Company Name	<u>Network Tasman Limited</u>
For Year Ended	<u>31 March 2015</u>

## **Schedule 14      Mandatory Explanatory Notes**

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 12 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**

There have been no changes in classification.

### *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**

Other income includes Nelson Electricity Ltd management fee \$49,000 and sundry income of \$45,000.

Nelson Electricity Limited sales and the related transmission costs have been excluded from the regulatory profit. These amounts net to 0.

There have been no changes in classification.

*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 were no mergers and acquisitions.

*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)**

Network Tasman Limited purchased \$8 million of assets from Transpower in the year ending 31 March 2015.

2 33kV assets totalling \$7,000 have been reclassified from Distribution and LV Lines to Subtransmission Lines. All other classifications have remained consistent with previous disclosure years.

*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**

Income not included in regulatory profit / (loss) before tax but taxable -

- Use of money interest received

Expenditure or loss in regulatory profit / (loss) before tax but not deductible -

- Non-deductible consultancy fees and donations
- Entertainment expenses
- Movement in provisions

*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)**

Loss on disposals of assets temporary difference \$214,000 @28% = \$60,000 and

Movement in provisions temporary difference \$31,000 @28% = \$8,000

Making temporary differences of \$68,000.

*Related party transactions: disclosure of related party transactions (Schedule 5b)*

10. In the box below, provide descriptions of related party transactions beyond those disclosed on Schedule 5b including identification and descriptions as to the nature of directly attributable costs disclosed under subclause 2.3.6(1)(b).

**Box 7: Related party transactions**

The management services fee of \$49,000 is for providing engineering support to Nelson Electricity Limited.

On charge of Electricity Authority levies to Nelson Electricity Limited.

Small billing administration fee.

*Cost allocation (Schedule 5d)*

11. 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 8: Cost allocation**

Costs relating to unregulated businesses have been identified and excluded from the unallocated costs. Therefore all costs are directly attributable to the Electricity Distribution Services business.

*Asset allocation (Schedule 5e)*

12. 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 9: Commentary on asset allocation**

The not directly attributable assets relate to assets constructed in 2004/2005. A calculation was done at the time to identify the share of costs that related to the EDB business.

Only directly attributable assets have been commissioned since 2005.

There has been no reclassification of assets.

*Capital Expenditure for the Disclosure Year (Schedule 6a)*

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

**Box 10: Explanation of capital expenditure for the disclosure year**

The materiality threshold of \$1million has been used when identifying major network projects.

No items have been reclassified.

*Operational Expenditure for the Disclosure Year (Schedule 6b)*

14. In the box below, comment on operational expenditure for the disclosure year, as disclosed in Schedule 6b. This comment must include-
- 14.1 Commentary on assets replaced or renewed with asset replacement and renewal operational expenditure, as reported in 6b(i) of Schedule 6b;
  - 14.2 Information on reclassified items in accordance with subclause 2.7.1(2);

- 14.3 Commentary on any material atypical expenditure included in operational expenditure disclosed in Schedule 6b, a including the value of the expenditure the purpose of the expenditure, and the operational expenditure categories the expenditure relates to.

**Box 11: Explanation of operational expenditure for the disclosure year**

Where a complete asset or a significant part of an asset is replaced or renewed then the expenditure is treated as capital. Where only some minor components are replace or renewed then the expenditure is treated as operating expenditure.

No items have been reclassified.

There was no material atypical expenditure.

*Variance between forecast and actual expenditure (Schedule 7)*

15. 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 12: Explanatory comment on variance in actual to forecast expenditure**

**Capital Expenditure**

Customer connection expenditure is 11% over target with higher than expected new customer connections.

System growth is 71% under target as \$2.4 million of projects delayed to the 2015/16 year. The reasons for the delay are landowner issues, having to wait until the Transpower asset purchase was complete and planning delays.

Asset replacements and renewal is 14% over target due to the location of the pole replacements being more remote locations than in other years, making the time and travel costs higher than anticipated.

Asset relocation is 29% under target with relocation of the Hope substation being delayed until 2015/16 year.

Reliability, safety and environment – quality of supply is 20% over target due to the final value of the assets purchased from Transpower being higher than anticipated and investment in an unbudgeted communication system.

None of the reliability, safety and environment – legislative and regulatory target expenditure was spent as the project was delayed until the 2015/16 year. This project is now underway.

None of the reliability, safety and environment – safety and environment target expenditure was spent as the projects have been delayed as they were of low priority.

Expenditure on non-network assets was \$24,000 under budget mostly due to less expenditure on software.

**Operational Expenditure**

In the 2014 Information Disclosures opex expenditure categories were reviewed and certain expenditure types were moved to more appropriate categories. Unfortunately this reclassification was performed after the 2015 forecast was included in the AMP schedules in Mar 2014. Because of this schedule 7(iii) shows some large variances. When the 2015 forecast figures are classified under the same rules as the 2015 actual figures the variances are as follows-

<b>7(iii): Operational Expenditure</b>	<b>Forecast (\$000) <sup>2</sup></b>	<b>Actual (\$000)</b>	<b>% variance</b>
Service interruptions and emergencies	861	851	(1%)
Vegetation management	816	861	6%
Routine and corrective maintenance and inspection	1,450	1,268	(13%)



Asset replacement and renewal	1,887	2,433	29%
<b>Network opex</b>	5,014	5,413	8%
System operations and network support	1,942	1,852	(5%)
Business support	2,561	2,553	(0%)
<b>Non-network opex</b>	4,503	4,405	(2%)
<b>Operational expenditure</b>	9,517	9,818	3%

With the correction of the classification the only major variances are;-

- Asset replacement and renewal are 29% above forecast due to there being more pole replacement than forecasted, and that due to the remote location of many of these poles, the travel costs relating to this work was way higher than expected.
- Routine and corrective maintenance and inspection is less than forecast mostly due to the Transpower asset purchase being delayed thereby reducing the maintenance those assets required.

*Information relating to revenues and quantities for the disclosure year*

16. In the box below provide-

16.1 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

16.2 explanatory comment on reasons for any material differences between target revenue and total billed line charge revenue.

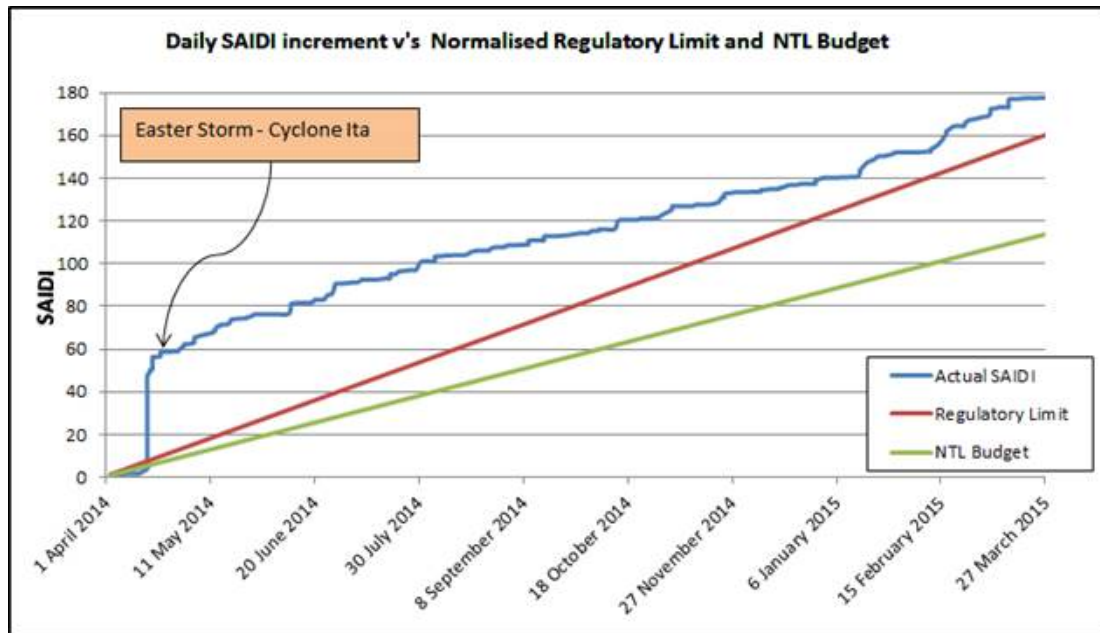
**Box 13: Explanatory comment relating to revenue for the disclosure year**

The variance between actual revenue and target was .53%. The variance is so small as to be treated as on target.

*Network Reliability for the Disclosure Year (Schedule 10)*

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

Reliability performance was significantly impacted by the Easter 2014 Cyclone Ita storm. 52 SAIDI points were accumulated in the days of the storm and its aftermath. If the storm had not occurred then our SAIDI points for the year would have totalled 129. This would have been 33 points under our regulatory limit and 14 points above our internal target. Normalising, using the extraordinary days calculation, removed 22 SAIDI points, bringing our normalised total to just under the regulatory limit.



### Insurance cover

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

#### Box 15: Explanation of insurance cover

NTL had material damage cover for all zone sub-stations – buildings and associated equipment but does not insure the wider distribution network. In addition NTL has public liability, Directors and Officers insurance and failure to supply cover.

*Amendments to previously disclosed information*

19. 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:

19.1 a description of each error; and

19.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

**Box 16: Disclosure of amendment to previously disclosed information**

There are no amendments to previously disclosed information.

Company Name	<u>Network Tasman Limited</u>
For Year Ended	<u>31 March 2015</u>

### **Schedule 14a      Mandatory Explanatory Notes on Forecast Information**

1. This Schedule requires EDBs to provide explanatory notes to reports prepared in accordance with clause 2.6.6.
2. This Schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.2. This information is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.

*Commentary on difference between nominal and constant price capital expenditure forecasts (Schedule 11a)*

3. In the box below, comment on the difference between nominal and constant price capital expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11a.

**Box 1: Commentary on difference between nominal and constant price capital expenditure forecasts**  
An inflation factor of 2.13% has been applied from the 2017 year.

*Commentary on difference between nominal and constant price operational expenditure forecasts (Schedule 11b)*

4. In the box below, comment on the difference between nominal and constant price operational expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11b.

**Box 2: Commentary on difference between nominal and constant price operational expenditure forecasts**  
An inflation factor of 2.46% has been applied from the 2017 year.

Company Name	Network Tasman Limited
For Year Ended	31 March 2015

### Schedule 15 Voluntary Explanatory Notes

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**

**1 (iii): Service intensity measures** - Demand density links to the “Maximum system demand” (row 28) instead of “Demand on system for supply to consumers' connection points” (row 30) on schedule 9c. The difference is that the line “Maximum coincident system demand” includes Nelson Electricity and “Demand on system for supply to consumers' connection points” excludes NEL. NEL is not a consumer. There are no kms included for NEL and therefore the result is currently distorted. The correct demand density should be 33kW/km.

Demand density	33
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## **Independent Auditor's Report**

### **To the Directors of Network Tasman Limited and to the Commerce Commission**

The Auditor-General is the auditor of Network Tasman Limited (the company). The Auditor-General has appointed me, Ian Lothian, using the staff and resources of Audit New Zealand, to provide an opinion, on her behalf, on whether Schedules 1 to 4, 5a to 5g, 6a and 6b, 7, the SAIDI and SAIFI information disclosed in Schedule 10 and the explanatory notes in boxes 1 to 12 in Schedule 14 ('the Disclosure Information') for the disclosure year ended 31 March 2015, have been prepared, in all material respects, in accordance with the Electricity Distribution Disclosure Information Determination 2012 (the 'Determination').

#### **Directors' responsibility for the Disclosure Information**

The directors of the company are responsible for preparation of the Disclosure Information in accordance with the Determination, and for such internal control as the directors determine is necessary to enable the preparation of the Disclosure Information that is free from material misstatement.

#### **Auditor's responsibility for the Disclosure Information**

Our responsibility is to express an opinion on whether the Disclosure Information has been prepared, in all material respects, in accordance with the Determination.

#### **Basis of opinion**

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000: Assurance Engagements Other Than Audits or Reviews of Historical Financial Information issued by the External Reporting Board and the Standard on Assurance Engagements 3100: Compliance Engagements issued by the External Reporting Board.

These standards require that we comply with ethical requirements and plan and perform our audit to provide reasonable assurance (which is also referred to as 'audit' assurance) about whether the Disclosure Information has been prepared in all material respects in accordance with the Determination.

An audit involves performing procedures to obtain evidence about the amounts and disclosures in the Disclosure Information. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the Disclosure Information, whether due to fraud or error or non-compliance with the Determination. In making those risk assessments, the auditor considers internal control relevant to the company's preparation of the Disclosure Information in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control.

An audit also involves evaluating:

- the appropriateness of assumptions used and whether they have been consistently applied; and
- the reasonableness of the significant judgements made by the directors of the company.

## **Use of this report**

This independent auditor's report has been prepared for the directors of the company and for the Commerce Commission for the purpose of providing those parties with independent audit assurance about whether the Disclosure Information has been prepared, in all material respects, in accordance with the 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.

## **Scope and inherent limitations**

Because of the inherent limitations of an audit 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 nor do we guarantee complete accuracy of the Disclosure Information. Also we did not evaluate the security and controls over the electronic publication of the Disclosure Information.

The opinion expressed in this independent auditor's report has been formed on the above basis.

## **Independence**

When carrying out the engagement we followed the independence requirements of the Auditor-General, which incorporate the independence requirements of the External Reporting Board. We also complied with the independent auditor requirements specified in the Determination.

The Auditor-General, and her employees, and Audit New Zealand and its employees may deal with the company and its subsidiaries on normal terms within the ordinary course of trading activities of the company. Other than any dealings on normal terms within the ordinary course of business, this engagement and the annual audit of the company's financial statements, we have no relationship with or interests in the company and its subsidiaries.

## Opinion

In our opinion:

- As far as appears from an examination of them, proper records to enable the complete and accurate compilation of the Disclosure Information have been kept by the company.
- The information used in the preparation of the Disclosure 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.
- The company has complied with the Determination, in all material respects, in preparing the Disclosure Information.

In forming our opinion, we have obtained sufficient recorded evidence and all the information and explanations we have required.

A handwritten signature in black ink that reads "Ian Lothian". The signature is written in a cursive, flowing style.

Ian Lothian  
Audit New Zealand  
On behalf of the Auditor-General  
Christchurch, New Zealand  
28 August 2015



# networktasman

Your consumer-owned electricity distributor

**Network Tasman Limited**  
52 Main Road, Hope 7020  
PO Box 3005  
Richmond 7050  
Nelson, New Zealand

Tel: 64 3 989 3600  
Freephone: 0800 508 098  
Fax: 64 3 989 3631  
Email: [info@networktasman.co.nz](mailto:info@networktasman.co.nz)  
Website: [www.networktasman.co.nz](http://www.networktasman.co.nz)

## Certification for Year-end Disclosures

### Clause 2.9.2

We, Michael John MCCLISKIE and Anthony Page REILLY, being directors of Network Tasman Limited 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 Network Tasman Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained; and

In respect of related party costs and revenues recorded in accordance with subclauses 2.3.6(1) (when valued in accordance with clause 2.2.11(5)(h)(ii) of the Electricity Distribution Services Input Methodologies Determination 2010), 2.3.6(1)(f) and 2.3.7(2)(b), we certify that, having made all reasonable enquiry, including enquiries of our related parties, we are satisfied that to the best of our knowledge and belief the costs and revenues recorded for related party transactions reasonably reflect the price or prices that would have been paid or received had these transactions been at arm's-length.



Michael John MCCLISKIE



Anthony Page REILLY

28 August 2015

# networktasman

Your consumer-owned electricity distributor

**Network Tasman Limited**

52 Main Road, Hope 7020  
PO Box 3005  
Richmond 7050  
Nelson, New Zealand

Tel: 64 3 989 3600

Freephone: 0800 508 098

Fax: 64 3 989 3631

Email: [info@networktasman.co.nz](mailto:info@networktasman.co.nz)

Website: [www.networktasman.co.nz](http://www.networktasman.co.nz)

## Certification for Year-beginning Disclosures

### Clause 2.9.1

We, Michael John MCCLISKIE and Anthony Page REILLY, being directors of Network Tasman Limited certify that, having made all reasonable enquiry, to the best of our knowledge:-

- a) The following attached information of Network Tasman Limited prepared for the purposes of clauses 2.4.1, 2.6.1, 2.6.3, 2.6.6 and 2.7.2 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination.
- b) The prospective financial or non-financial information included in the attached information has been measured on a basis consistent with regulatory requirements or recognised industry standards.
- c) The forecasts in Schedules 11a, 11b, 12a, 12b, 12c and 12d are based on objective and reasonable assumptions which both align with Network Tasman Limited's corporate vision and strategy and are documented in retained records.



Michael John MCCLISKIE



Anthony Page REILLY

28 August 2015