



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

Company Name

Network Tasman Limited

Disclosure Date

31 August 2016

Disclosure Year (year ended)

31 March 2016

Company Name **Network Tasman Limited**
For Year Ended **31 March 2016**

SCHEDULE 1: ANALYTICAL RATIOS

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

1(i): Expenditure metrics

	Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB- owned distribution transformers (\$/MVA)
Operational expenditure	17,206	270	81,812	2,910	26,286
Network	8,963	140	42,619	1,516	13,693
Non-network	8,243	129	39,193	1,394	12,593
Expenditure on assets	12,206	191	58,038	2,065	18,648
Network	11,343	178	53,935	1,919	17,329
Non-network	863	14	4,103	146	1,318

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	71,430	1,119
Standard consumer line charge revenue	80,230	1,011
Non-standard consumer line charge revenue	35,294	1,391,000

1(iii): Service intensity measures

Demand density	41	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	169	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	11	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	15,669	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	10,389	24.16%
Pass-through and recoverable costs excluding financial incentives and wash-ups	12,313	28.64%
Total depreciation	6,937	16.13%
Total revaluations	948	2.20%
Regulatory tax allowance	783	1.82%
Regulatory profit/(loss) including financial incentives and wash-ups	13,522	31.45%
Total regulatory income	42,996	

1(v): Reliability

Interruption rate	7.98	Interruptions per 100 circuit km
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Company Name **Network Tasman Limited**
 For Year Ended **31 March 2016**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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

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sch ref

2(i): Return on Investment

ROI – comparable to a post tax WACC

Reflecting all revenue earned
 Excluding revenue earned from financial incentives
 Excluding revenue earned from financial incentives and wash-ups

Mid-point estimate of post tax WACC

25th percentile estimate
 75th percentile estimate

ROI – comparable to a vanilla WACC

Reflecting all revenue earned
 Excluding revenue earned from financial incentives
 Excluding revenue earned from financial incentives and wash-ups

WACC rate used to set regulatory price path

Mid-point estimate of vanilla WACC

25th percentile estimate
 75th percentile estimate

CY-2	CY-1	Current Year CY
31 Mar 14	31 Mar 15	31 Mar 16
%	%	%

8.02%	6.66%	7.83%
8.02%	6.66%	5.65%
8.02%	5.34%	5.65%

5.43%	6.10%	5.37%
4.71%	5.39%	4.66%
6.14%	6.82%	6.09%

8.70%	7.44%	8.48%
8.70%	7.44%	6.30%
8.70%	6.13%	6.30%

8.77%	8.77%	7.19%
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6.11%	6.89%	6.02%
5.39%	6.17%	5.30%
6.83%	7.60%	6.74%

2(ii): Information Supporting the ROI

(\$000)

Total opening RAB value
plus Opening deferred tax

Opening RIV

Line charge revenue

Expenses cash outflow

add Assets commissioned

less Asset disposals

add Tax payments

less Other regulated income

Mid-year net cash outflows

Term credit spread differential allowance

Total closing RAB value

less Adjustment resulting from asset allocation

less Lost and found assets adjustment

plus Closing deferred tax

Closing RIV

ROI – comparable to a vanilla WACC

Leverage (%)
 Cost of debt assumption (%)
 Corporate tax rate (%)

ROI – comparable to a post tax WACC

161,816	
(374)	
	161,442
	43,129
22,702	
7,777	
506	
764	
(133)	
	30,870
	–
163,098	
0	
–	
(392)	
	162,706

8.48%

44%

5.26%

28%

7.83%

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 For Year Ended **31 March 2016**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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sch ref

2(iii): Information Supporting the Monthly ROI

Opening RIV

N/A

	Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
April						–
May						–
June						–
July						–
August						–
September						–
October						–
November						–
December						–
January						–
February						–
March						–
Total	–	–	–	–	–	–

Tax payments

N/A

Term credit spread differential allowance

N/A

Closing RIV

N/A

Monthly ROI – comparable to a vanilla WACC

N/A

Monthly ROI – comparable to a post tax WACC

N/A

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

Year-end ROI – comparable to a vanilla WACC

5.32%

Year-end ROI – comparable to a post tax WACC

4.67%

* 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

Net recoverable costs allowed under incremental rolling incentive scheme	–
Purchased assets – avoided transmission charge	4,724
Energy efficiency and demand incentive allowance	–
Quality incentive adjustment	–
Other financial incentives	–
Financial incentives	4,724
Impact of financial incentives on ROI	2.18%
Input methodology claw-back	–
Recoverable customised price-quality path costs	–
Catastrophic event allowance	–
Capex wash-up adjustment	–
Transmission asset wash-up adjustment	–
2013–2015 NPV wash-up allowance	–
Reconsideration event allowance	–
Other wash-ups	–
Wash-up costs	–
Impact of wash-up costs on ROI	–

Company Name

Network Tasman Limited

For Year Ended

31 March 2016

SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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

sch ref

7	3(i): Regulatory Profit		(\$000)
8	Income		
9	Line charge revenue	43,129	
10	plus Gains / (losses) on asset disposals	(221)	
11	plus Other regulated income (other than gains / (losses) on asset disposals)	88	
12			
13	Total regulatory income	42,996	
14	Expenses		
15	less Operational expenditure	10,389	
16			
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	12,313	
18			
19	Operating surplus / (deficit)	20,294	
20			
21	less Total depreciation	6,937	
22			
23	plus Total revaluations	948	
24			
25	Regulatory profit / (loss) before tax	14,305	
26			
27	less Term credit spread differential allowance	–	
28			
29	less Regulatory tax allowance	783	
30			
31	Regulatory profit/(loss) including financial incentives and wash-ups	13,522	
32			
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups		(\$000)
34	Pass through costs		
35	Rates	160	
36	Commerce Act levies	72	
37	Industry levies	122	
38	CPP specified pass through costs	–	
39	Recoverable costs excluding financial incentives and wash-ups		
40	Electricity lines service charge payable to Transpower	9,507	
41	Transpower new investment contract charges	367	
42	System operator services	–	
43	Distributed generation allowance	2,085	
44	Extended reserves allowance	–	
45	Other recoverable costs excluding financial incentives and wash-ups	–	
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	12,313	
47			

Company Name

Network Tasman Limited

For Year Ended

31 March 2016

SCHEDULE 3: REPORT ON REGULATORY PROFIT

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3(iii): Incremental Rolling Incentive Scheme

(\$000)

Allowed controllable opex

Actual controllable opex

Incremental change in year

CY-1

31 Mar 15

CY

31 Mar 16

Previous years' incremental change adjusted for inflation

CY-5 31 Mar 11

CY-4 31 Mar 12

CY-3 31 Mar 13

CY-2 31 Mar 14

CY-1 31 Mar 15

Net incremental rolling incentive scheme

Net recoverable costs allowed under incremental rolling incentive scheme

3(iv): Merger and Acquisition Expenditure

(\$000)

Merger and acquisition expenditure

Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)

3(v): Other Disclosures

(\$000)

Self-insurance allowance

Company Name **Network Tasman Limited**
 For Year Ended **31 March 2016**

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

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2.

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

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)		for year ended				
		RAB 31 Mar 12 (\$000)	RAB 31 Mar 13 (\$000)	RAB 31 Mar 14 (\$000)	RAB 31 Mar 15 (\$000)	RAB 31 Mar 16 (\$000)
Total opening RAB value		153,984	152,910	150,493	155,232	161,816
less Total depreciation		6,247	6,468	6,574	6,778	6,937
plus Total revaluations		2,414	1,313	2,307	130	948
plus Assets commissioned		3,101	3,113	9,280	13,773	7,777
less Asset disposals		342	375	274	541	506
plus Lost and found assets adjustment		–	–	–	–	–
plus Adjustment resulting from asset allocation		–	(0)	0	(0)	0
Total closing RAB value		152,910	150,493	155,232	161,816	163,098
4(ii): Unallocated Regulatory Asset Base						
		Unallocated RAB *		RAB		
		(\$000)	(\$000)	(\$000)	(\$000)	
Total opening RAB value			161,998			161,816
less Total depreciation			7,000			6,937
plus Total revaluations			949			948
plus Assets commissioned (other than below)		7,777		7,777		
Assets acquired from a regulated supplier		–		–		
Assets acquired from a related party		–		–		
Assets commissioned			7,777			7,777
less Asset disposals (other than below)		506		506		
Asset disposals to a regulated supplier		–		–		
Asset disposals to a related party		–		–		
Asset disposals			506			506
plus Lost and found assets adjustment			–			–
plus Adjustment resulting from asset allocation						0
Total closing RAB value			163,218			163,098

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

Company Name **Network Tasman Limited**
 For Year Ended **31 March 2016**

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.

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sch ref

51

52 4(iii): Calculation of Revaluation Rate and Revaluation of Assets

53

54	CPI ₄	1,200
55	CPI ₄ ⁴	1,193
56	Revaluation rate (%)	0.59%

57

58

59

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
60	Total opening RAB value	161,998	161,816	
61	less Opening value of fully depreciated, disposed and lost assets	292	292	
62	Total opening RAB value subject to revaluation	161,706	161,524	
64	Total revaluations		949	948

65

66 4(iv): Roll Forward of Works Under Construction

67

	Unallocated works under		Allocated works under construction	
	construction			
68	Works under construction—preceding disclosure year	2,850	2,850	
69	plus Capital expenditure	7,378	7,378	
70	less Assets commissioned	7,777	7,777	
71	plus Adjustment resulting from asset allocation		—	
72	Works under construction - current disclosure year	2,451	2,451	
74	Highest rate of capitalised finance applied		—	

73

74

75

Company Name **Network Tasman Limited**
For Year Ended **31 March 2016**

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.

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sch ref

4(v): Regulatory Depreciation

Depreciation - standard
Depreciation - no standard life assets
Depreciation - modified life assets
Depreciation - alternative depreciation in accordance with CPP
Total depreciation

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
6,845		6,782	
155		155	
—		—	
—		—	
	7,000		6,937

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
There are no assets with changes to depreciation				

* include additional rows if needed

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
Total opening RAB value	8,386	9,649	20,484	24,741	51,752	22,850	6,998	14,123	2,833	161,816
less Total depreciation	275	191	721	1,712	1,361	1,122	581	854	120	6,937
plus Total revaluations	49	57	120	145	303	134	41	83	16	948
plus Assets commissioned	10	1	2,510	1,324	1,186	716	571	862	597	7,777
less Asset disposals	—	—	—	49	28	205	11	20	193	506
plus Lost and found assets adjustment	—	—	—	—	—	—	—	—	—	—
plus Adjustment resulting from asset allocation	—	—	—	—	—	—	—	—	—	—
plus Asset category transfers	—	—	—	—	—	—	—	—	—	—
Total closing RAB value	8,170	9,516	22,393	24,449	51,852	22,373	7,018	14,194	3,133	163,098
Asset Life										
Weighted average remaining asset life	39.6	50.7	26.8	27.4	46.0	30.9	25.7	19.6	25.3	(years)
Weighted average expected total asset life	58.6	56.1	39.9	58.7	60.1	50.9	41.2	35.4	32.1	(years)

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

5a(i): Regulatory Tax Allowance		(\$'000)
8	Regulatory profit / (loss) before tax	14,305
9		
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	— *
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	297 *
12	Amortisation of initial differences in asset values	2,496
13	Amortisation of revaluations	481
14		3,274
15		
16	<i>less</i> Total revaluations	948
17	Income included in regulatory profit / (loss) before tax but not taxable	0 *
18	Discretionary discounts and customer rebates	10,194
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	— *
20	Notional deductible interest	3,642
21		14,784
22		
23	Regulatory taxable income	2,795
24		
25	<i>less</i> Utilised tax losses	—
26	Regulatory net taxable income	2,795
27		
28	Corporate tax rate (%)	28%
29	Regulatory tax allowance	783

(\$000)

	Opening unamortised initial differences in asset values	91,147	
less	Amortisation of initial differences in asset values	2,496	
plus	Adjustment for unamortised initial differences in assets acquired	–	
less	Adjustment for unamortised initial differences in assets disposed	6	
	Closing unamortised initial differences in asset values		88,645
	Opening weighted average remaining useful life of relevant assets (years)		37

Company Name **Network Tasman Limited**
For Year Ended **31 March 2016**

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 7.8

sch ref

5a(iv): Amortisation of Revaluations

(\$000)

Opening sum of RAB values without revaluations

150,859

Adjusted depreciation

6,456

Total depreciation

6,937

Amortisation of revaluations

481

5a(v): Reconciliation of Tax Losses

(\$000)

Opening tax losses

—

plus Current period tax losses

—

less Utilised tax losses

—

Closing tax losses

—

5a(vi): Calculation of Deferred Tax Balance

(\$000)

Opening deferred tax

(374)

plus Tax effect of adjusted depreciation

1,808

less Tax effect of tax depreciation

1,277

plus Tax effect of other temporary differences*

93

less Tax effect of amortisation of initial differences in asset values

699

plus Deferred tax balance relating to assets acquired in the disclosure year

—

less Deferred tax balance relating to assets disposed in the disclosure year

(57)

plus Deferred tax cost allocation adjustment

(0)

Closing deferred tax

(392)

5a(vii): Disclosure of Temporary Differences

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).

5a(viii): Regulatory Tax Asset Base Roll-Forward

(\$000)

Opening sum of regulatory tax asset values

57,733

less Tax depreciation

4,562

plus Regulatory tax asset value of assets commissioned

8,544

less Regulatory tax asset value of asset disposals

301

plus Lost and found assets adjustment

—

plus Adjustment resulting from asset allocation

—

plus Other adjustments to the RAB tax value

—

Closing sum of regulatory tax asset values

61,414

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.

7	5b(i): Summary—Related Party Transactions
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Total regulatory income

62

Operational expenditure

Capital expenditure

Market value of asset disposals

Other related party transactions

Name of related party

Nelson Electricity Ltd

Related party relationship

50% owned by Network Tasman Limited

* include additional rows if needed

Related party transaction

Value of transaction

Name of related party

type

Description 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

13

ID clause 2.3.7(2)(c)

* include additional rows if needed

Company Name **Network Tasman Limited**
 For Year Ended **31 March 2016**

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

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 2016

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

5d(i): Operating Cost Allocations				
Value allocated (\$000s)				
Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000s)
Service interruptions and emergencies				
Directly attributable	614			
Not directly attributable	-		-	
Total attributable to regulated service	614			
Vegetation management				
Directly attributable	879			
Not directly attributable	-		-	
Total attributable to regulated service	879			
Routine and corrective maintenance and inspection				
Directly attributable	1,761			
Not directly attributable	-		-	
Total attributable to regulated service	1,761			
Asset replacement and renewal				
Directly attributable	2,158			
Not directly attributable	-		-	
Total attributable to regulated service	2,158			
System operations and network support				
Directly attributable	1,948			
Not directly attributable	-		-	
Total attributable to regulated service	1,948			
Business support				
Directly attributable	3,029			
Not directly attributable	-		-	
Total attributable to regulated service	3,029			
Operating costs directly attributable				
Operating costs not directly attributable				
Operational expenditure				

Company Name

Network Tasman Limited

For Year Ended

31 March 2016

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.

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39 5d(ii): Other Cost Allocations**40 Pass through and recoverable costs**

(\$000)

41 Pass through costs

42 Directly attributable

354

43 Not directly attributable

-

44 **Total attributable to regulated service**

354

45 Recoverable costs

46 Directly attributable

11,959

47 Not directly attributable

-

48 **Total attributable to regulated service**

11,959

50 5d(iii): Changes in Cost Allocations* †**51 Change in cost allocation 1**

(\$000)

CY-1 Current Year (CY)

52 Cost category

Original allocation

-

53 Original allocator or line items

New allocation

-

54 New allocator or line items

Difference

-

55 Rationale for change

56 Change in cost allocation 2

(\$000)

CY-1 Current Year (CY)

57 Cost category

Original allocation

-

58 Original allocator or line items

New allocation

-

59 New allocator or line items

Difference

-

60 Rationale for change

61 Change in cost allocation 3

(\$000)

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

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

† include additional rows if needed

Company Name **Network Tasman Limited**
For Year Ended **31 March 2016**

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	
Subtransmission lines	
Directly attributable	8,170
Not directly attributable	–
Total attributable to regulated service	8,170
Subtransmission cables	
Directly attributable	9,516
Not directly attributable	–
Total attributable to regulated service	9,516
Zone substations	
Directly attributable	22,393
Not directly attributable	–
Total attributable to regulated service	22,393
Distribution and LV lines	
Directly attributable	24,449
Not directly attributable	–
Total attributable to regulated service	24,449
Distribution and LV cables	
Directly attributable	51,852
Not directly attributable	–
Total attributable to regulated service	51,852
Distribution substations and transformers	
Directly attributable	22,373
Not directly attributable	–
Total attributable to regulated service	22,373
Distribution switchgear	
Directly attributable	7,018
Not directly attributable	–
Total attributable to regulated service	7,018
Other network assets	
Directly attributable	13,876
Not directly attributable	318
Total attributable to regulated service	14,194
Non-network assets	
Directly attributable	3,133
Not directly attributable	–
Total attributable to regulated service	3,133
Regulated service asset value directly attributable	162,780
Regulated service asset value not directly attributable	318
Total closing RAB value	163,098

5e(ii): Changes in Asset Allocations* †

			(\$000)	
			CY-1	Current Year (CY)
Change in asset value allocation 1				
Asset category	0	Original allocation	–	–
Original allocator or line items	0	New allocation	–	–
New allocator or line items	0	Difference	–	–
Rationale for change				
Change in asset value allocation 2				
Asset category		Original allocation	–	–
Original allocator or line items		New allocation	–	–
New allocator or line items		Difference	–	–
Rationale for change				
Change in asset value allocation 3				
Asset category		Original allocation	–	–
Original allocator or line items		New allocation	–	–
New allocator or line items		Difference	–	–
Rationale for change				

* 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 2016

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

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Have costs been allocated in aggregate using ACAM in accordance with clause 2.1.1(3) of the IM Determination?				Yes							
Line Item*	Allocation methodology type	Cost allocator	Allocator type	Allocator Metric (%)		Value allocated (\$000)				OVABAA allocation increase (\$000)	
				Electricity distribution services	Non-electricity distribution services	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total		
Service interruptions and emergencies											
all				100.00%						-	
										-	
										-	
										-	
Not directly attributable						-	-	-	-	-	-
Vegetation management											
all				100.00%						-	
										-	
										-	
										-	
Not directly attributable						-	-	-	-	-	-
Routine and corrective maintenance and inspection											
all				100.00%						-	
										-	
										-	
										-	
Not directly attributable						-	-	-	-	-	-
Asset replacement and renewal											
all				100.00%						-	
										-	
										-	
										-	
Not directly attributable						-	-	-	-	-	-

Company Name

Network Tasman Limited

For Year Ended

31 March 2016

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

Company Name **Network Tasman Limited**
 For Year Ended **31 March 2016**

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	Subtransmission lines										
13	all				100.00%					-	
14										-	
15										-	
16										-	
17	Not directly attributable						-	-	-	-	-
18	Subtransmission cables										
19	all				100.00%					-	
20										-	
21										-	
22										-	
23	Not directly attributable						-	-	-	-	-
24	Zone substations										
25	all				100.00%					-	
26										-	
27										-	
28										-	
29	Not directly attributable						-	-	-	-	-
30	Distribution and LV lines										
31	all				100.00%					-	
32										-	
33										-	
34										-	
35	Not directly attributable						-	-	-	-	-

Company Name **Network Tasman Limited**
 For Year Ended **31 March 2016**

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	Distribution and LV cables										
37	all				100.00%					-	
38										-	
39										-	
40										-	
41	Not directly attributable						-	-	-	-	-
42											
43	Distribution substations and transformers										
44	all				100.00%					-	
45										-	
46										-	
47										-	
48	Not directly attributable						-	-	-	-	-
49											
50	Distribution switchgear										
51	all				100.00%					-	
52										-	
53										-	
54										-	
55	Not directly attributable						-	-	-	-	-
56	Other network assets										
57	Fibre to Substation Assets	ACAM	uation of actual co	Causal	72.27%	27.73%		318	122	440	
58	Other				100.00%			13,876	-	13,876	
59										-	
60										-	
61	Not directly attributable						-	14,194	122	14,316	-
62	Non-network assets										
63	all				100.00%					-	
64										-	
65										-	
66										-	
67	Not directly attributable						-	-	-	-	-
68											
69	Regulated service asset value not directly attributable						-	14,194	122	14,316	-
70	* include additional rows if needed										

Company Name

Network Tasman Limited

For Year Ended

31 March 2016

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

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates).

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

sch ref

7	6a(i): Expenditure on Assets		(\$000)	(\$000)
8	Consumer connection			465
9	System growth			2,470
10	Asset replacement and renewal			1,527
11	Asset relocations			1,020
12	Reliability, safety and environment:			
13	Quality of supply	1,194		
14	Legislative and regulatory	—		
15	Other reliability, safety and environment	173		
16	Total reliability, safety and environment			1,367
17	Expenditure on network assets			6,849
18	Expenditure on non-network assets			521
19				
20	Expenditure on assets			7,370
21	plus Cost of financing			—
22	less Value of capital contributions			187
23	plus Value of vested assets			195
24				
25	Capital expenditure			7,378
26	6a(ii): Subcomponents of Expenditure on Assets (where known)			(\$000)
27	Energy efficiency and demand side management, reduction of energy losses			—
28	Overhead to underground conversion			325
29	Research and development			—
30	6a(iii): Consumer Connection			
31	Consumer types defined by EDB*		(\$000)	(\$000)
32	Consumers 20kVA and less		274	
33	Consumers greater than 20kVA		191	
34		0	—	
35		0	—	
36		0	—	
37	* include additional rows if needed			
38	Consumer connection expenditure			465
39				
40	less Capital contributions funding consumer connection expenditure	—		
41	Consumer connection less capital contributions			465
42	6a(iv): System Growth and Asset Replacement and Renewal			
43			System Growth	Asset Replacement and Renewal
44			(\$000)	(\$000)
45	Subtransmission	—		1
46	Zone substations	2,118		21
47	Distribution and LV lines	67		979
48	Distribution and LV cables	54		9
49	Distribution substations and transformers	95		158
50	Distribution switchgear	126		225
51	Other network assets	10		134
52	System growth and asset replacement and renewal expenditure	2,470		1,527
53	less Capital contributions funding system growth and asset replacement and renewal	29		128
54	System growth and asset replacement and renewal less capital contributions	2,441		1,399
55				
56	6a(v): Asset Relocations			
57	Project or programme*		(\$000)	(\$000)
58		0	—	
59			—	
60			—	
61			—	
62			—	
63	* include additional rows if needed			
64	All other projects or programmes - asset relocations		1,020	
65	Asset relocations expenditure			1,020
66	less Capital contributions funding asset relocations		30	
67	Asset relocations less capital contributions			990

Company Name

Network Tasman Limited

For Year Ended

31 March 2016

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

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates).

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

sch ref

68				
69	6a(vi): Quality of Supply			
70	Project or programme*	(\$000)	(\$000)	
71		—		
72		—		
73		—		
74		—		
75		—		
76	* include additional rows if needed			
77	All other projects programmes - quality of supply	1,194		
78	Quality of supply expenditure		1,194	
79	less Capital contributions funding quality of supply	—		
80	Quality of supply less capital contributions		1,194	
81	6a(vii): Legislative and Regulatory			
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	Legislative and regulatory expenditure		—	
91	less Capital contributions funding legislative and regulatory	—		
92	Legislative and regulatory less capital contributions		—	
93	6a(viii): Other Reliability, Safety and Environment			
94	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	173		
102	Other reliability, safety and environment expenditure		173	
103	less Capital contributions funding other reliability, safety and environment	—		
104	Other reliability, safety and environment less capital contributions		173	
105				
106	6a(ix): Non-Network Assets			
107	Routine expenditure			
108	Project or programme*	(\$000)	(\$000)	
109	Information Technology	216		
110	Vehicles	127		
111		—		
112		—		
113		—		
114	* include additional rows if needed			
115	All other projects or programmes - routine expenditure	178		
116	Routine expenditure		521	
117	Atypical expenditure			
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	Atypical expenditure		—	
127				
128	Expenditure on non-network assets		521	

Company Name

Network Tasman Limited

For Year Ended

31 March 2016

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

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

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

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

sch ref

		(\$000)	(\$000)
7	6b(i): Operational Expenditure		
8	Service interruptions and emergencies	614	
9	Vegetation management	879	
10	Routine and corrective maintenance and inspection	1,761	
11	Asset replacement and renewal	2,158	
12	Network opex		5,412
13	System operations and network support	1,948	
14	Business support	3,029	
15	Non-network opex		4,977
16			
17	Operational expenditure		10,389
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	Energy efficiency and demand side management, reduction of energy losses		—
20	Direct billing*		—
21	Research and development		—
22	Insurance		242
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name **Network Tasman Limited**For Year Ended **31 March 2016****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

7(i): RevenueTarget (\$000) ¹ Actual (\$000) % variance

Line charge revenue

42,906 43,129 1%

7(ii): Expenditure on AssetsForecast (\$000) ² Actual (\$000) % variance

Consumer connection

520 465 (11%)

System growth

3,697 2,470 (33%)

Asset replacement and renewal

1,921 1,527 (21%)

Asset relocations

2,690 1,020 (62%)

Reliability, safety and environment:

Quality of supply

965 1,194 24%

Legislative and regulatory

– – –

Other reliability, safety and environment

80 173 116%

Total reliability, safety and environment

1,045 1,367 31%

Expenditure on network assets

9,873 6,849 (31%)

Expenditure on non-network assets

– 521 –

Expenditure on assets

9,873 7,370 (25%)

7(iii): Operational Expenditure

Service interruptions and emergencies

756 614 (19%)

Vegetation management

824 879 7%

Routine and corrective maintenance and inspection

2,022 1,761 (13%)

Asset replacement and renewal

1,850 2,158 17%

Network opex

5,452 5,412 (1%)

System operations and network support

2,416 1,948 (19%)

Business support

2,593 3,029 17%

Non-network opex

5,009 4,977 (1%)

Operational expenditure

10,461 10,389 (1%)

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

Energy efficiency and demand side management, reduction of energy losses

– – –

Overhead to underground conversion

1,440 325 (77%)

Research and development

– – –

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

Energy efficiency and demand side management, reduction of energy losses

– – –

Direct billing

– – –

Research and development

– – –

Insurance

190 242 27%

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

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

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

sch ref

8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)
OS	Unmetered Streetlamps	Standard	26	2,694
OTBS	Temporary Builders Supplies	Standard	—	—
OUNM	Unmetered Supplies	Standard	89	18
1	15 kVA Capacity	Standard	35,511	237,519
2	20 - 150 kVA Capacity	Standard	2,678	95,436
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	1	2
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	28	174
HLF	High Load Factor, 15-150kVA Capacity	Standard	53	9,809
31	Between 150 and 3000kVA	Standard	4	10,505
33	Between 150 and 3000kVA	Standard	4	8,608
34	Between 150 and 3000kVA	Standard	136	106,632
35	Between 150 and 3000kVA	Standard	2	14,158
6.1	> 3000,	Non-standard	1	103,417
6.2	> 3000,	Non-standard	1	14,735
CB	Cobb River Hydro	Non-standard	1	83
0	0	0	—	—
0	0	0	—	—
0	0	0	—	—
0	0	0	—	—

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	38,532	485,555
Non-standard consumer totals	3	118,235
Total for all consumers	38,535	603,790

Price component

Unit charging basis (eg, days,
kW of demand, kVA of capacity,
etc.)

Billed quantities by price component

OSTL	OTBS	OUNM	1ANY	1DAY	1NIT	1OPK	1WSR	2ANY
W/day	Daily	Daily	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh

633,314	—	—	—	—	—	—	—	—
—	2	—	—	—	—	—	—	—
—	—	87	—	—	—	—	—	—
5,574	—	—	171,641	1,677	4,386	386	59,429	—
5,370	—	—	—	—	—	—	—	65,876
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
337	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
469	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—

645,064	2	87	171,641	1,677	4,386	386	59,429	65,876
—	—	—	—	—	—	—	—	—
645,064	2	87	171,641	1,677	4,386	386	59,429	65,876

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

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

8(ii): Line Charge Revenues (\$000) by Price Component**Line charge revenues (\$000) by price component**

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Price component Rate (eg, \$ per day, \$ per kWh, etc.)	OSTL	OTBS	OUNM	1ANY	1DAY	1NIT	1OPK	1WSR	2ANY
OS	Unmetered Streetlamps	Standard	\$268	–	\$183	\$85	\$0.116/W/day				9.15	10.07	3.05	7.12	4.22	8.07
OTBS	Temporary Builders Supplies	Standard	(\$1)	–	(\$1)	–	\$1.35 / day									
OUNM	Unmetered Supplies	Standard	\$17	–	\$11	\$6	\$0.53 / day									
1	15 kVA Capacity	Standard	\$20,454	–	\$14,031	\$6,423										
2	20 - 150 kVA Capacity	Standard	\$9,570	–	\$6,918	\$2,652										
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	–	–	–	–										
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	\$23	–	\$18	\$5										
HLF	High Load Factor, 15-150kVA Capacity	Standard	\$655	–	\$502	\$153										
31	Between 150 and 3000kVA	Standard	\$363	–	\$150	\$213										
33	Between 150 and 3000kVA	Standard	\$400	–	\$251	\$149										
34	Between 150 and 3000kVA	Standard	\$6,244	–	\$3,969	\$2,275										
35	Between 150 and 3000kVA	Standard	\$644	–	\$390	\$254										
6.1	> 3000,	Non-standard	\$1,979	–	\$215	\$1,764										
6.2	> 3000,	Non-standard	\$563	–	\$230	\$333										
NDL/New Connections	New Connectionns, NDL	Standard	\$319	–	\$319	–										
Embedded generators	Cobb, Pupu etc	Non-standard	\$1,631	–	\$1,308	\$323										
0			–	–	–	–										
Add extra rows for additional consumer groups or price category codes as necessary																
Standard consumer totals			\$38,956	–	\$26,741	\$12,215		\$273	(\$1)	\$17	\$15,709	\$169	\$134	\$27	\$2,508	\$5,318
Non-standard consumer totals			\$4,173	–	\$1,753	\$2,420		–	–	–	–	–	–	–	–	–
Total for all consumers			\$43,129	–	\$28,494	\$14,635		\$273	(\$1)	\$17	\$15,709	\$169	\$134	\$27	\$2,508	\$5,318

8(iii): Number of ICPs directly billedCheck ☐ OK

Number of directly billed ICPs at year end

MODULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REV

Module requires the billed quantities and associated line charge revenues for each price category code use

8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	2DAY	2NIT	2OPK	2WSR	2LANY	2LDAY	2LNIT	2LOPK	2LWSR	2HANY	2HDAY	2HNIT	2HOPK	2HWSR	HLFANY	HLFDAY	HLFNIT	HLFOPK	HLFWSR	GENA	1	2	2HLFC
			c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	Daily	kVA per Day	Daily
0S	Unmetered Streetlamps	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0TBS	Temporary Builders Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0UNM	Unmetered Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	15 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,384	35,331	-	-
2	20 - 150 kVA Capacity	Standard	17,856	7,734	250	3,720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	120,377	-
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	-	-	-	-	105	21	14	-	34	-	-	-	-	-	-	-	-	-	-	3	-	-	-
HLF	High Load Factor, 15-150kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,334	3,846	1,589	-	40	-	-	-	-
31	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	-
34	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
35	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CB	Cobb River Hydro	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Add extra rows for additional consumer groups or price category codes as necessary																									
Standard consumer totals			17,856	7,734	250	3,720	105	21	14	-	34	2	-	-	-	-	4,334	3,846	1,589	-	40	1,596	35,331	120,377	1
Non-standard consumer totals			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total for all consumers			17,856	7,734	250	3,720	105	21	14	-	34	2	-	-	-	-	4,334	3,846	1,589	-	40	1,596	35,331	120,377	1

MODULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REV

Module requires the billed quantities and associated line charge revenues for each price category code use

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	2DAY	2NIT	2OPK	2WSR	2LANY	2LDAY	2LNIT	2LOPK	2LWSR	2HANY	2HDAY	2HNIT	2HOPK	2HWSR	HLFANY	HLFDAY	HLFNIT	HLFOPK	HLFWSR	GENA	1	2	2HLFC
			8.89	2.68	6.3	3.73	12.11	12.93	6.72	10.34	7.77	16.83	17.65	11.44	15.06	12.49	2.27	2.47	0.71	1.77	1.02	0	15 c/day	5.18 c/kVA/day	15 c/day

0S	Unmetered Streetlamps	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0TBS	Temporary Builders Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0UNM	Unmetered Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	15 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$1,934	-	-
2	20 - 150 kVA Capacity	Standard	\$1,586	\$207	\$16	\$139	\$3	\$1	-	-	-	-	-	-	-	-	\$1	-	-	-	-	-	-	\$2,276	-
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	-	-	-	-	\$10	\$2	\$1	-	\$3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HLF	High Load Factor, 15-150kVA Capacity	Standard	\$1	-	-	-	-	-	-	-	-	-	-	-	-	-	\$97	\$95	\$11	-	-	-	-	-	-
31	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NDL/New Connections	New Connectionns, NDL	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Embedded generators	Cobb, Pupu etc	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	\$1,587	\$207	\$16	\$139	\$13	\$3	\$1	–	\$3	–	–	–	–	–	\$98	\$95	\$11	–	–	–	\$1,934	\$2,276	–
Non-standard consumer totals	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total for all consumers	\$1,587	\$207	\$16	\$139	\$13	\$3	\$1	–	\$3	–	–	–	–	–	\$98	\$95	\$11	–	–	–	\$1,934	\$2,276	–

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

7

MODULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REV

Module requires the billed quantities and associated line charge revenues for each price category code use

8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	2LLFC	HLF	AnyDem31	AnyDem33	AnyDem34	AnyDem35	RCPD	kVAr	SD31	SN31	WD31	WN31	SD33	SN33	WD33	WN33	SD34	SN34	WD34
			Daily	kVA per Day	kVA / day	kVA / day	kVA / day	kVA / day	kW / day	kVAr / day	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh
0S	Unmetered Streetlamps	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0TBS	Temporary Builders Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0UNM	Unmetered Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	15 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	20 - 150 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HLF	High Load Factor, 15-150kVA Capacity	Standard	-	3,081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Between 150 and 3000kVA	Standard	-	-	2,411	-	-	-	1,644	-	4,409	1,899	2,949	1,248	-	-	-	-	-	-	-
33	Between 150 and 3000kVA	Standard	-	-	-	2,228	-	-	1,086	-	-	-	-	-	3,966	1,786	2,041	815	-	-	-
34	Between 150 and 3000kVA	Standard	-	-	-	-	39,440	-	16,022	158	-	-	-	-	-	-	-	-	44,552	15,825	33,887
35	Between 150 and 3000kVA	Standard	-	-	-	-	-	3,858	1,847	-	-	-	-	-	-	-	-	-	-	-	-
6.1	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CB	Cobb River Hydro	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Add extra rows for additional consumer groups or price category codes as necessary																					
Standard consumer totals			27	3,081	2,411	2,228	39,440	3,858	20,599	158	4,409	1,899	2,949	1,248	3,966	1,786	2,041	815	44,552	15,825	33,887
Non-standard consumer totals			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total for all consumers			27	3,081	2,411	2,228	39,440	3,858	20,599	158	4,409	1,899	2,949	1,248	3,966	1,786	2,041	815	44,552	15,825	33,887

MODULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REV

Module 8 requires the billed quantities and associated line charge revenues for each price category code use

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	2LLFC	HLF	AnyDem31	AnyDem33	AnyDem34	AnyDem35	RCPD	kVar	SD31	SN31	WD31	WN31	SD33	SN33	WD33	WN33	SD34	SN34	WD34
			15 c/day	39.85 c/kVA/day	12.39	15.02	15.8	15.02	33.96	25.45	0.44	0.24	0.79	0.24	1.35	0.71	3.45	0.71	1.35	0.71	3.45

0S	Unmetered Streetlamps	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0TBS	Temporary Builders Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0UNM	Unmetered Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	15 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	20 - 150 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	\$1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HLF	High Load Factor, 15-150kVA Capacity	Standard	-	\$448	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Between 150 and 3000kVA	Standard	-	-	\$109	-	-	-	\$204	-	\$19	\$5	\$23	\$3	-	-	-	-	-	-	-
33	Between 150 and 3000kVA	Standard	-	-	-	\$122	-	-	\$135	-	-	-	-	-	\$54	\$13	\$70	\$6	-	-	-
34	Between 150 and 3000kVA	Standard	-	-	-	-	\$2,274	-	\$1,985	\$15	-	-	-	-	-	-	-	-	\$601	\$112	\$1,169
35	Between 150 and 3000kVA	Standard	-	-	-	-	-	\$212	\$229	-	-	-	-	-	-	-	-	-	-	-	-
6.1	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NDL/New Connections	New Connectionns, NDL	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Embedded generators	Cobb, Pupu etc	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	\$1	\$448	\$109	\$122	\$2,274	\$212	\$2,553	\$15	\$19	\$5	\$23	\$3	\$54	\$13	\$70	\$6	\$601	\$112	\$1,169
Non-standard consumer totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total for all consumers	\$1	\$448	\$109	\$122	\$2,274	\$212	\$2,553	\$15	\$19	\$5	\$23	\$3	\$54	\$13	\$70	\$6	\$601	\$112	\$1,169

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

7

Company Name

For Year Ended

Network / Sub-Network Name

MODULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REV

This module requires the billed quantities and associated line charge revenues for each price category code use

8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	WN34	SD35	SN35	WD35	WN35	6.1	6.2	NDL	NCA Admin G0	NCA Admin G1	NCA Admin G2	NCA Admin G3	CB	Standard DG Connection	DG > 10MW
			c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	Annual	Annual	kVA=km	New connection application	New connection application	New connection application	New connection application	Annual	Per application	Per application
0S	Unmetered Streetlamps	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0TBS	Temporary Builders Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0UNM	Unmetered Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	15 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	20 - 150 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HLF	High Load Factor, 15-150kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Between 150 and 3000kVA	Standard	12,368	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Between 150 and 3000kVA	Standard	-	5,365	2,394	4,389	2,010	-	-	-	-	-	-	-	-	-	-
6.1	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CB	Cobb River Hydro	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	1,624,882	-	-
0	0	0	-	-	-	-	-	-	-	19,440	-	508	49	8	-	146	1
0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Add extra rows for additional consumer groups or price category codes as necessary																	
Standard consumer totals			12,368	5,365	2,394	4,389	2,010	-	-	-	-	-	-	-	-	-	-
Non-standard consumer totals			-	-	-	-	-	-	-	-	-	-	-	-	1,624,882	-	-
Total for all consumers			12,368	5,365	2,394	4,389	2,010	-	-	-	-	-	-	-	1,624,882	-	-

Company Name
For Year Ended
Network / Sub-Network Name

MODULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REV

Module 8 requires the billed quantities and associated line charge revenues for each price category code use

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	WN34	SD35	SN35	WD35	WN35	6.1	6.2	NDL	NCA Admin G0	NCA Admin G1	NCA Admin G2	NCA Admin G3	CB	Standard DG Connection	DG > 10MW
			0.71	0.91	0.57	2.95	0.57	Annual	Annual	7.714143	125	250	325	400	Annual	130.940411	4347.83

0S	Unmetered Streetlamps	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0TBS	Temporary Builders Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0UNM	Unmetered Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	15 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	20 - 150 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HLF	High Load Factor, 15-150kVA Capacity	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Between 150 and 3000kVA	Standard	\$88	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Between 150 and 3000kVA	Standard	-	\$49	\$14	\$129	\$11	-	-	-	-	-	-	-	-	-	-
6.1	> 3000,	Non-standard	-	-	-	-	-	\$1,979	-	-	-	-	-	-	-	-	-
6.2	> 3000,	Non-standard	-	-	-	-	-	-	\$563	-	-	-	-	-	-	-	-
NDL/New Connections	New Connectionns, NDL	Standard	-	-	-	-	-	-	-	\$150	-	\$127	\$16	\$3	-	\$19	\$4
Embedded generators	Cobb, Pupu etc	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	\$1,631	-	-
0			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	\$88	\$49	\$14	\$129	\$11	-	-	\$150	-	\$127	\$16	\$3	-	\$19	\$4
Non-standard consumer totals	-	-	-	-	-	\$1,979	\$563	-	-	-	-	-	\$1,631	-	-
Total for all consumers	\$88	\$49	\$14	\$129	\$11	\$1,979	\$563	\$150	-	\$127	\$16	\$3	\$1,631	\$19	\$4

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

7

Network Tasman Limited

31 March 2016

MODULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

Module 8 requires the billed quantities and associated line charge revenues for each price category code use

8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)
---	--	---

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

0S	Unmetered Streetlamps	Standard
0TBS	Temporary Builders Supplies	Standard
0UNM	Unmetered Supplies	Standard
1	15 kVA Capacity	Standard
2	20 - 150 kVA Capacity	Standard
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard
HLF	High Load Factor, 15-150kVA Capacity	Standard
31	Between 150 and 3000kVA	Standard
33	Between 150 and 3000kVA	Standard
34	Between 150 and 3000kVA	Standard
35	Between 150 and 3000kVA	Standard
6.1	> 3000,	Non-standard
6.2	> 3000,	Non-standard
CB	Cobb River Hydro	Non-standard
0		0 0
0		0 0
0		0 0
0		0 0

*Add extra rows for additional consumer groups or price category codes as necessary***Standard consumer totals****Non-standard consumer totals****Total for all consumers**

Network Tasman Limited

31 March 2016

MODULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

Module 8 requires the billed quantities and associated line charge revenues for each price category code use

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)
---	--	---

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

0S	Unmetered Streetlamps	Standard
0TBS	Temporary Builders Supplies	Standard
0UNM	Unmetered Supplies	Standard
1	15 kVA Capacity	Standard
2	20 - 150 kVA Capacity	Standard
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard
HLF	High Load Factor, 15-150kVA Capacity	Standard
31	Between 150 and 3000kVA	Standard
33	Between 150 and 3000kVA	Standard
34	Between 150 and 3000kVA	Standard
35	Between 150 and 3000kVA	Standard
6.1	> 3000,	Non-standard
6.2	> 3000,	Non-standard
NDL/New Connections	New Connectionns, NDL	Standard
Embedded generators	Cobb, Pupu etc	Non-standard
0		

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals

Non-standard consumer totals

Total for all consumers

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

7

Company Name

Network Tasman Limited

For Year Ended

31 March 2016

Network / Sub-network Name

SCHEDULE 9a: ASSET REGISTER

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

sch ref

sch ref	Voltage	Asset category	Asset class	Units	Items at start of	Items at end of	Data accuracy	
					year (quantity)	year (quantity)	Net change	(1-4)
8	All	Overhead Line	Concrete poles / steel structure	No.	25,706	25,927	221	3
9	All	Overhead Line	Wood poles	No.	1,417	1,624	207	3
10	All	Overhead Line	Other pole types	No.	1,138	545	(593)	3
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	281	283	2	4
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	—	—	—	4
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	27	27	—	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	—	—	—	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	—	—	—	4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	3	3	—	4
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	—	—	—	4
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	—	—	—	4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	—	—	—	4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	—	—	—	4
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	—	—	—	4
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	13	15	2	4
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	—	—	—	4
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	—	—	—	4
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	8	9	1	4
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	—	—	—	4
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	101	101	—	4
28	HV	Zone substation switchgear	33kV RMU	No.	—	—	—	4
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	9	9	—	4
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	22	22	—	4
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	84	86	2	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	8	8	—	4
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	23	25	2	4
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,902	1,897	(5)	3
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	—	—	—	3
36	HV	Distribution Line	SWER conductor	km	—	—	—	4
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	107	108	1	3
38	HV	Distribution Cable	Distribution UG PILC	km	137	137	—	3
39	HV	Distribution Cable	Distribution Submarine Cable	km	—	—	—	3
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	65	64	(1)	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	—	—	—	4
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1,232	1,259	27	3
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	231	235	4	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	32	32	—	3
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	3,810	3,809	(1)	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	636	662	26	3
47	HV	Distribution Transformer	Voltage regulators	No.	11	11	—	4
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	24	25	1	4
49	LV	LV Line	LV OH Conductor	km	515	507	(8)	4
50	LV	LV Cable	LV UG Cable	km	594	602	8	4
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	—	—	—	4
52	LV	Connections	OH/UG consumer service connections	No.	38,314	38,761	447	4
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	131	135	4	4
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	—	4
55	All	Capacitor Banks	Capacitors including controls	No.	10	9	(1)	4
56	All	Load Control	Centralised plant	Lot	5	5	—	4
57	All	Load Control	Relays	No.	—	—	—	1
58	All	Civils	Cable Tunnels	km	—	—	—	4

Company Name
Network Tasman Limited
For Year Ended
31 March 2016
Network / Sub-network Name

SCHEDULE 9b: ASSET AGE PROFILE

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

8	Disclosure Year (year ended)		31 March 2016	Number of assets at disclosure year end by installation date																											No. with age unknown	Items at end of year (quantity)	No. with default dates	Data accuracy (1-4)
	Units	pre-1940		1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016								
9	Voltage	Asset category	Asset class	No.	2,407	1,253	6,859	6,065	1,967	3,540	993	63	180	124	169	162	91	167	170	155	132	189	134	137	128	150	203	93	466	25,927	—	1		
10	All	Overhead Line	Concrete poles / steel structure	No.	113	76	203	186	140	179	178	17	21	9	8	21	3	7	12	11	8	56	13	15	14	29	—	—	305	1,624	—	1		
11	All	Overhead Line	Wood poles	No.	75	34	56	129	47	90	51	—	4	1	—	—	1	—	1	4	—	1	—	—	1	—	—	—	50	545	—	1		
12	All	Overhead Line	Other pole types	No.	—	—	98	98	2	10	61	3	3	—	2	2	1	1	—	—	1	—	—	—	—	—	—	—	—	1	283	—	2	
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	—	—	—	—	—	2	1	—	—	—	—	6	—	8	—	—	1	—	—	—	9	—	—	—	—	27	—	2		
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	—	—	—	—	1	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	2		
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	—	3	2	—	1	4	2	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	1	—	15	—	3		
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4		
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4		
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	—	—	—	—	—	6	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	1	—	9	—	4		
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4		
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	—	—	5	5	14	15	12	1	—	1	2	6	2	1	2	—	—	—	—	—	—	—	—	—	35	101	—	1		
30	HV	Zone substation switchgear	33kV RMU	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4		
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	4	5	—	—	—	—	—	—	—	—	—	—	9	—	4		
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	—	—	—	2	2	10	3	—	—	—	—	1	—	—	2	2	—	—	—	—	—	—	—	—	22	—	3			
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	—	—	6	—	1	10	17	—	12	—	11	—	7	13	—	—	—	—	—	7	—	—	2	—	86	—	4			
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	—	—	—	—	—	—	2	—	—	—	—	—	2	—	—	—	4	—	—	—	—	—	—	—	—	8	—	3		
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	—	—	2	3	5	5	1	—	—	—	2	—	—	2	—	—	1	—	—	—	—	—	—	2	—	25	—	2		
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	135	83	460	517	154	274	103	7	7	7	12	12	6	30	3	8	13	34	16	12	16	6	2	—	—	1,897	—	2		
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4		
38	HV	Distribution Line	SWER conductor	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4		
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km	—	—	—	—	—	13	8	1	2	2	12	6	6	12	10	8	7	4	3	3	5	3	3	—	—	108	—	2		
40	HV	Distribution Cable	Distribution UG PILC	km	—	—	—	3	23	39	23	2	2	2	12	6	2	4	3	3	2	1	1	1	2	1	2	—	3	137	—	2		
41	HV	Distribution Cable	Distribution Submarine Cable	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4		
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	—	—	—	—	—	1	3	—	2	3	—	1	4	4	2	—	1	3	4	8	8	10	6	4	—	—	64	—	2	
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	—	—	1	4	15	17	11	8	15	16	25	39	43	37	40	33	25	11	19	19	10	13	25	5	848	1,259	—	2		
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	—	—	—	—	2	—	4	3	3	15	5	14	18	7	23	23	15	4	4	6	12	11	—	—	64	235	—	2		
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	—	—	—	—	1	—	—	1	1	1	4	1	4	1	1	—	1	2	3	—	—	2	—	—	9	32	—	2		
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	18	69	168	559	521	849	581	34	76	81	63	66	43	37	22	43	44	40	30	38	71	38	18	—	300	3,809	—	1		
48	HV	Distribution Transformer	Ground Mounted Transformer	No.	—	—	4	10	81	120	71	14	18	30	29	31	24	41	25	31	22	18	16	4	16	29	8	2	18	662	—	1		
49	HV	Distribution Transformer	Voltage regulators	No.	—	—	—	—	—	2	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	6	11	—	2	
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.	—	—	—	—	20	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25	—	2		
51	LV	LV Line	LV OH Conductor	km	—	24	149	119	41	58	12	78	1	1	1	2	2	3	1	1	2	1	1	—	—	1	—	—	8	507	—	2		
52	LV	LV Cable	LV UG Cable	km	—	—	3	7	87	124	105	8	15	28	27	25	19	38	17	14	18	15	12	9	9	11	12	3	16	602	—	2		
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2		
54	LV	Connections	OH/UG consumer service connections	No.	—	—	—	—	—	1,142	28,104	626	640	829	877	702	597	622	661	595	459	537	464	460	557	442	447	—	—	38,761	—	2		
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	—	10	—	—	2	2	17	43	—	13	—	12	2	8	16	—	—	—	—	—	6	—	—	4	—	135	—	3		
56	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	3		
57	All	Capacitor Banks	Capacitors including controls	Lot	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	1	—	—											

Company Name **Network Tasman Limited**For Year Ended **31 March 2016**

Network / Sub-network Name

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

9			
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)
11	> 66kV	–	–
12	50kV & 66kV	158	–
13	33kV	123	30
14	SWER (all SWER voltages)	–	–
15	22kV (other than SWER)	112	13
16	6.6kV to 11kV (inclusive—other than SWER)	1,786	234
17	Low voltage (< 1kV)	508	605
18	Total circuit length (for supply)	2,688	882
19			
20	Dedicated street lighting circuit length (km)	–	–
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		8
22			
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)
24	Urban	192	7%
25	Rural	2,297	85%
26	Remote only	70	3%
27	Rugged only	122	5%
28	Remote and rugged	8	0%
29	Unallocated overhead lines	–	–
30	Total overhead length	2,688	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,619	45%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	2,688	100%

Company Name	Network Tasman Limited
For Year Ended	31 March 2016

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			Number of ICPs	Line charge revenue
	Location *		served	(\$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 2016

Network / Sub-network Name

SCHEDULE 9e: REPORT ON NETWORK DEMAND

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

sch ref

9e(i): Consumer Connections

Number of ICPs connected in year by consumer type

Consumer types defined by EDB*

Consumers 20kVA and less

Consumers greater than 20kVA

* include additional rows if needed

Connections total

Number of
connections (ICPs)

502

25

527

Distributed generation

Number of connections made in year

157

connections

Capacity of distributed generation installed in year

0.52

MVA

9e(ii): System Demand**Maximum coincident system demand**

GXP demand

115

plus Distributed generation output at HV and above

32

Maximum coincident system demand

147

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

20

Demand on system for supply to consumers' connection points

127

Demand at time
of maximum
coincident
demand (MW)**Electricity volumes carried**

Electricity supplied from GXPs

624

less Electricity exports to GXPs

65

plus Electricity supplied from distributed generation

174

less Net electricity supplied to (from) other EDBs

94

Electricity entering system for supply to consumers' connection points

639

less Total energy delivered to ICPs

604

Electricity losses (loss ratio)

36

5.6%

Energy (GWh)

Load factor

0.57

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

395

Distribution transformer capacity (Non-EDB owned, estimated)

44

Total distribution transformer capacity

439

(MVA)

Zone substation transformer capacity

341

Company Name **Network Tasman Limited**For Year Ended **31 March 2016**

Network / Sub-network Name

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

sch ref

8	10(i): Interruptions		
9	Interruptions by class	Number of interruptions	
10	Class A (planned interruptions by Transpower)	3	
11	Class B (planned interruptions on the network)	155	
12	Class C (unplanned interruptions on the network)	127	
13	Class D (unplanned interruptions by Transpower)	—	
14	Class E (unplanned interruptions of EDB owned generation)	—	
15	Class F (unplanned interruptions of generation owned by others)	—	
16	Class G (unplanned interruptions caused by another disclosing entity)	—	
17	Class H (planned interruptions caused by another disclosing entity)	—	
18	Class I (interruptions caused by parties not included above)	—	
19	Total	285	
20			
21	Interruption restoration	≤3Hrs	>3hrs
22	Class C interruptions restored within	104	23
23			
24	SAIFI and SAIDI by class	SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)	0.08	9.4
26	Class B (planned interruptions on the network)	0.39	102.8
27	Class C (unplanned interruptions on the network)	1.20	84.3
28	Class D (unplanned interruptions by Transpower)	—	—
29	Class E (unplanned interruptions of EDB owned generation)	—	—
30	Class F (unplanned interruptions of generation owned by others)	—	—
31	Class G (unplanned interruptions caused by another disclosing entity)	—	—
32	Class H (planned interruptions caused by another disclosing entity)	—	—
33	Class I (interruptions caused by parties not included above)	—	—
34	Total	1.67	196.5
35			
36	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)	1.59	180.9
38			
39	Quality path normalised reliability limit	SAIFI reliability limit	SAIDI reliability limit
40	SAIFI and SAIDI limits applicable to disclosure year*	1.68	157.8
41	* not applicable to exempt EDBs		

Company Name **Network Tasman Limited**For Year Ended **31 March 2016**

Network / Sub-network Name

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

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

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

Lightning	0.00	0.2
Vegetation	0.01	0.9
Adverse weather	0.06	5.1
Adverse environment	–	–
Third party interference	0.17	15.6
Wildlife	0.09	4.8
Human error	–	–
Defective equipment	0.43	26.4
Cause unknown	0.44	31.2

10(iii): Class B Interruptions and Duration by Main Equipment Involved**Main equipment involved****SAIFI****SAIDI**

Subtransmission lines	0.09	28.7
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.24	69.0
Distribution cables (excluding LV)	0.02	2.0
Distribution other (excluding LV)	0.04	3.1

10(iv): Class C Interruptions and Duration by Main Equipment Involved**Main equipment involved****SAIFI****SAIDI**

Subtransmission lines	0.29	13.3
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.65	58.2
Distribution cables (excluding LV)	0.18	10.5
Distribution other (excluding LV)	0.09	2.3

10(v): Fault Rate**Main equipment involved****Number of Faults****Circuit length (km)****Fault rate (faults per 100km)**

Subtransmission lines	5	281	1.78
Subtransmission cables	–	30	–
Subtransmission other	–		
Distribution lines (excluding LV)	101	1,898	5.32
Distribution cables (excluding LV)	13	246	5.28
Distribution other (excluding LV)	8		
Total	127		

Company Name	Network Tasman Limited
For Year Ended	31 March 2016

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 \$39,000.

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)

There have been no changes in classification.

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 –

- n/a

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

- Non-deductible expenses
- Movement in provisions

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

- RAB revaluation

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

- Line charge discounts

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 \$175,000 @28% = \$49,000 and

Movement in provisions temporary difference \$145,000 @28% = \$41,000

Making temporary differences of \$90,000.

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.

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 \$55,000 under target with lower than expected new customer connections.

System growth is 33% under target as holdups in planning have moved projects into the next year.

Asset replacements and renewal is \$393,000 under target due to 2 major projects moved to 2016/17 year.

Asset relocation is 62% under target with relocation of the Hope substation taking longer than expected to complete.

Reliability, safety and environment – quality of supply is 24% over due to a strategic land purchase and an unbudgeted scada automation project.

Other reliability, safety and environment is \$93,000 over target as additional pole number was undertaken and insulation of platform transformer leads.

The expenditure on non-network assets of \$475,000 was omitted from the forecast. With this there is only a variance of \$46,000.

Operational Expenditure

- Overall actual operational expenditure is \$72,000 less than target, which is a variance of less than 1%.
- Network Opex \$40,000 under target and non-network expenditure \$32,000 under target.
- Asset replacement and renewal are 17% above forecast due to there being more pole replacement than forecasted.
- Routine and corrective maintenance and inspection is less than forecast as the maintenance of the new 66kV assets was less than expected.

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 0.52%. 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 from unplanned events was slightly over target (SAIDI 84 vs 75). Unplanned outage causes were the run of mill type e.g. car vs pole and bird strikes etc. There were no major storm events during the year.

Reliability from planned events was significantly over target (SAIDI 103 vs 40). This was due in part to one shutdown in Golden Bay (SAIDI 29). Prior to the 66KV asset transfer, SAIDI from this shutdown would not have accrued to the NTL planned SAIDI total. Another reason for exceeding target, was less maintenance work being undertaken live due to revised Health and Safety policy and procedures. A lot of maintenance activity on the network was completed overall. The 2016/17 planned outage targets have been reviewed upwards in light of the above.

Overall, the Commerce Commission targets for reliability were not breached.

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	Network Tasman Limited
For Year Ended	31 March 2016

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 Ltd (NEL) 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 36kW/km.

Demand density	36
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networktasman

Your consumer-owned electricity distributor

Network Tasman Limited

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Nelson, New Zealand

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Email: info@networktasman.co.nz

Website: 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

26 August 2016

Independent Assurance 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 the information disclosed in schedules 1 to 4, 5a to 5g, 6a and 6b, 7, the system average interruption duration index ('SAIDI') and system average interruption frequency index ('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 2016, have been prepared, in all material respects, in accordance with the Electricity Distribution Information Disclosure 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.

Our 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 (Revised) 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. Copies of these standards are available on the External Reporting Board's website.

These standards require that we comply with ethical requirements and plan and perform our assurance engagement to provide reasonable assurance about whether the Disclosure Information has been prepared in all material respects in accordance with the Determination.

We have performed procedures to obtain evidence about the amounts and disclosures in the Disclosure Information. The procedures selected depend on our 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, we considered internal control relevant to the company's preparation of the Disclosure Information in order to design procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control.

We also evaluated:

- 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 assurance report has been prepared solely for the directors of the company and for the Commerce Commission for the purpose of providing those parties with reasonable assurance about whether the Disclosure Information has been prepared, in all material respects, in accordance with the Determination. 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 a reasonable assurance engagement, and the test basis of the procedures performed, it is possible that fraud, error or non-compliance may occur and not be detected.

We did not examine every transaction, adjustment or event underlying the Disclosure Information 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 assurance report has been formed on the above basis.

Independence and quality control

When carrying out the engagement, we complied with the Auditor-General's:

- independence and other ethical requirements, which incorporate the independence and ethical requirements of Professional and Ethical Standard 1 (Revised) issued by the New Zealand Auditing and Assurance Standards Board; and
- quality control requirements, which incorporate the quality control requirements of Professional and Ethical Standard 3 (Amended) issued by the New Zealand Auditing and Assurance Standards Board.

We also complied with the independence 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;
- as far as appears from an examination, 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; and
- the Disclosure Information has been prepared, in all material respects, in accordance with the Determination.

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



Ian Lothian
Audit New Zealand
On behalf of the Auditor-General
Christchurch, New Zealand
26 August 2016