



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

Company Name

Network Tasman Limited

Disclosure Date

31 August 2017

Disclosure Year (year ended)

31 March 2017

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

Company Name **Network Tasman Limited**
For Year Ended **31 March 2017**

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	16,791	264	85,967	2,881	25,754
Network	8,675	137	44,417	1,488	13,306
Non-network	8,115	128	41,550	1,392	12,448
Expenditure on assets	9,522	150	48,750	1,634	14,604
Network	9,235	145	47,283	1,584	14,165
Non-network	286	5	1,467	49	439

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
Total consumer line charge revenue	72,054	1,134
Standard consumer line charge revenue	80,919	1,025
Non-standard consumer line charge revenue	35,472	1,417,000

1(iii): Service intensity measures

Demand density	39	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	172	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	15,742	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	10,316	23.43%
Pass-through and recoverable costs excluding financial incentives and wash-ups	13,340	30.30%
Total depreciation	6,779	15.40%
Total revaluations	3,531	8.02%
Regulatory tax allowance	982	2.23%
Regulatory profit/(loss) including financial incentives and wash-ups	16,144	36.67%
Total regulatory income	44,030	

1(v): Reliability

Interruption rate	9.49	Interruptions per 100 circuit km
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Company Name

Network Tasman Limited

For Year Ended

31 March 2017

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
31 Mar 15
%

CY-1
31 Mar 16
%

Current Year CY
31 Mar 17
%

6.66%	7.83%	9.59%
6.66%	5.65%	7.61%
5.34%	5.65%	7.73%

6.10%	5.37%	4.77%
5.39%	4.66%	4.05%
6.82%	6.09%	5.48%

7.44%	8.48%	10.14%
7.44%	6.30%	8.15%
6.13%	6.30%	8.27%

8.77%	7.19%	7.19%
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6.89%	6.02%	5.31%
6.17%	5.30%	4.59%
7.60%	6.74%	6.03%

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

163,098	
(495)	
	162,603
	44,269
23,656	
5,612	
825	
306	
(239)	
	28,988
	–
164,637	
(0)	
–	
(1,171)	
	163,466

10.14%

44%

4.41%

28%

9.59%

Company Name

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SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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sch ref

2(iii): Information Supporting the Monthly ROI

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

7.33%

Year-end ROI – comparable to a post tax WACC

6.79%

* 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

4,270

Energy efficiency and demand incentive allowance

–

Quality incentive adjustment

–

Other financial incentives

–

Financial incentives

4,270

Impact of financial incentives on ROI

1.99%

Input methodology claw-back

–

Recoverable customised price-quality path costs

–

Catastrophic event allowance

–

Capex wash-up adjustment

(256)

Transmission asset wash-up adjustment

–

2013–2015 NPV wash-up allowance

–

Reconsideration event allowance

–

Other wash-ups

–

Wash-up costs

(256)

Impact of wash-up costs on ROI

–0.12%

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.

3(i): Regulatory Profit		(\$000)
	Income	
	Line charge revenue	44,269
plus	Gains / (losses) on asset disposals	(359)
plus	Other regulated income (other than gains / (losses) on asset disposals)	120
	Total regulatory income	44,030
	Expenses	
less	Operational expenditure	10,316
less	Pass-through and recoverable costs excluding financial incentives and wash-ups	13,340
	Operating surplus / (deficit)	20,374
less	Total depreciation	6,779
plus	Total revaluations	3,531
	Regulatory profit / (loss) before tax	17,126
less	Term credit spread differential allowance	–
less	Regulatory tax allowance	982
	Regulatory profit/(loss) including financial incentives and wash-ups	16,144

(\$000)

Pass through costs

Rates	202
Commerce Act levies	88
Industry levies	154
CPP specified pass through costs	—

Recoverable costs excluding financial incentives and wash-ups

Electricity lines service charge payable to Transpower	10,780
Transpower new investment contract charges	330
System operator services	-
Distributed generation allowance	1,780
Extended reserves allowance	-
Other recoverable costs excluding financial incentives and wash-ups	-

Pass-through and recoverable costs excluding financial incentives and wash-ups

	13,340
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Company Name **Network Tasman Limited**
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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

48	3(iii): Incremental Rolling Incentive Scheme		(\$000)	
49			CY-1	CY
50			31 Mar 16	31 Mar 17
51	Allowed controllable opex		—	—
52	Actual controllable opex		—	—
53				
54	Incremental change in year			—
55				
56			Previous years' incremental change	Previous years' incremental change adjusted for inflation
57	CY-5	31 Mar 12	—	—
58	CY-4	31 Mar 13	—	—
59	CY-3	31 Mar 14	—	—
60	CY-2	31 Mar 15	—	—
61	CY-1	31 Mar 16	—	—
62	Net incremental rolling incentive scheme			—
63				
64	Net recoverable costs allowed under incremental rolling incentive scheme			—
65	3(iv): Merger and Acquisition Expenditure			
70				(\$000)
66	Merger and acquisition expenditure			—
67				
68	<i>Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>			
69	3(v): Other Disclosures			
70				(\$000)
71	Self-insurance allowance			—

Company Name **Network Tasman Limited**
 For Year Ended **31 March 2017**

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 13 (\$000)	RAB 31 Mar 14 (\$000)	RAB 31 Mar 15 (\$000)	RAB 31 Mar 16 (\$000)	RAB 31 Mar 17 (\$000)
Total opening RAB value	152,910	150,493	155,232	161,816	163,098
less Total depreciation	6,468	6,574	6,778	6,937	6,779
plus Total revaluations	1,313	2,307	130	948	3,531
plus Assets commissioned	3,113	9,280	13,773	7,777	5,612
less Asset disposals	375	274	541	506	825
plus Lost and found assets adjustment	–	–	–	–	–
plus Adjustment resulting from asset allocation	(0)	0	(0)	0	(0)
Total closing RAB value	150,493	155,232	161,816	163,098	164,637

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB * (\$000)	RAB (\$000)
Total opening RAB value	163,218	163,098
less Total depreciation	6,842	6,779
plus Total revaluations	3,534	3,531
plus Assets commissioned (other than below)	5,612	5,612
Assets acquired from a regulated supplier	–	–
Assets acquired from a related party	–	–
Assets commissioned	5,612	5,612
less Asset disposals (other than below)	825	825
Asset disposals to a regulated supplier	–	–
Asset disposals to a related party	–	–
Asset disposals	825	825
plus Lost and found assets adjustment	–	–
plus Adjustment resulting from asset allocation		(0)
Total closing RAB value	164,697	164,637

* 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 2017****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

51

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

52

53

54

55

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61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

CPI₄CPI₄⁻⁴

Revaluation rate (%)

1,226

1,200

2.17%

Unallocated RAB *

RAB

(\$000)

(\$000)

(\$000)

(\$000)

Total opening RAB value

163,218

163,098

/less Opening value of fully depreciated, disposed and lost assets

127

127

Total opening RAB value subject to revaluation

163,091

162,971

Total revaluations

3,534

3,531

4(iv): Roll Forward of Works Under Construction

Unallocated works under

construction

Allocated works under construction

Works under construction—preceding disclosure year

2,451

2,451

plus Capital expenditure

5,902

5,902

less Assets commissioned

5,612

5,612

plus Adjustment resulting from asset allocation

—

Works under construction - current disclosure year

2,741

2,741

Highest rate of capitalised finance applied

—

Company Name **Network Tasman Limited**
 For Year Ended **31 March 2017**

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(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)
6,654		6,591	
188		188	
–		–	
–		–	
	6,842		6,779

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	8,170	9,516	22,393	24,449	51,852	22,373	7,018	14,194	3,133	163,098
less Total depreciation	273	191	736	1,740	1,396	1,050	314	887	192	6,779
plus Total revaluations	178	206	482	529	1,129	484	165	292	66	3,531
plus Assets commissioned	31	–	113	1,175	1,008	1,415	664	1,013	193	5,612
less Asset disposals	–	–	–	32	–	148	536	5	104	825
plus Lost and found assets adjustment	–	–	–	–	–	–	–	–	–	–
plus Adjustment resulting from asset allocation	–	–	–	–	–	–	–	–	–	–
plus Asset category transfers	–	–	(170)	(28)	269	17	610	(698)	–	–
Total closing RAB value	8,106	9,531	22,082	24,353	52,862	23,091	7,607	13,909	3,096	164,637
Asset Life										
Weighted average remaining asset life	39.0	49.7	27.7	74.9	45.7	31.2	24.9	23.7	23.8	(years)
Weighted average expected total asset life	58.6	56.1	39.7	119.3	60.3	51.2	39.5	40.0	30.0	(years)

Should have read

	Distribution and LV lines
Asset Life	
Weighted average remaining asset life	29.1
Weighted average expected total asset life	58.9

Company Name

Network Tasman Limited

For Year Ended

31 March 2017

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

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

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

sch ref

5a(i): Regulatory Tax Allowance

(\$000)

Regulatory profit / (loss) before tax

17,126

- plus* Income not included in regulatory profit / (loss) before tax but taxable
 Expenditure or loss in regulatory profit / (loss) before tax but not deductible
 Amortisation of initial differences in asset values
 Amortisation of revaluations

5

*

20

*

3,240

505

3,770

- less* Total revaluations
 Income included in regulatory profit / (loss) before tax but not taxable
 Discretionary discounts and customer rebates
 Expenditure or loss deductible but not in regulatory profit / (loss) before tax
 Notional deductible interest

3,531

-

*

10,320

451

*

3,088

17,390

Regulatory taxable income

3,506

- less* Utilised tax losses
 Regulatory net taxable income

-

3,506

Corporate tax rate (%)

28%

Regulatory tax allowance

982

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

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

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

(\$000)

- Opening unamortised initial differences in asset values
less Amortisation of initial differences in asset values
plus Adjustment for unamortised initial differences in assets acquired
less Adjustment for unamortised initial differences in assets disposed
 Closing unamortised initial differences in asset values

88,645

3,240

-

19

85,386

Opening weighted average remaining useful life of relevant assets (years)

27

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(iv): Amortisation of Revaluations		(\$000)
Opening sum of RAB values without revaluations	151,746	
Adjusted depreciation	6,274	
Total depreciation	6,779	
Amortisation of revaluations		505

(\$000)

54	Opening tax losses		—
55	<i>plus</i> Current period tax losses		—
56	<i>less</i> Utilised tax losses		—
57	Closing tax losses		—

(\$000)

60	Opening deferred tax		(495)
61			
62	<i>plus</i>	Tax effect of adjusted depreciation	1,757
63			
64	<i>less</i>	Tax effect of tax depreciation	1,401
65			
66	<i>plus</i>	Tax effect of other temporary differences*	(52)
67			
68	<i>less</i>	Tax effect of amortisation of initial differences in asset values	907
69			
70	<i>plus</i>	Deferred tax balance relating to assets acquired in the disclosure year	–
71			
72	<i>less</i>	Deferred tax balance relating to assets disposed in the disclosure year	72
73			
74	<i>plus</i>	Deferred tax cost allocation adjustment	0
75			
76	Closing deferred tax		(1,171)

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).

(\$000)

83	Opening sum of regulatory tax asset values		61,414	
84	<i>less</i>	Tax depreciation	5,005	
85	<i>plus</i>	Regulatory tax asset value of assets commissioned	5,893	
86	<i>less</i>	Regulatory tax asset value of asset disposals	280	
87	<i>plus</i>	Lost and found assets adjustment	–	
88	<i>plus</i>	Adjustment resulting from asset allocation	–	
89	<i>plus</i>	Other adjustments to the RAB tax value	–	
90	Closing sum of regulatory tax asset values			62,022

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

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

71

Related party relationship

50% owned by Network Tasman Limited

21 **5b(iii): Related Party Transactions**

[illegible]

S5b.Related Party Transactions

Company Name

Network Tasman Limited

For Year Ended

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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 2017

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)			OVABAA allocation increase (\$'000s)
	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	
Service interruptions and emergencies					
Directly attributable		944			
Not directly attributable		—		—	
Total attributable to regulated service		944			
Vegetation management					
Directly attributable		925			
Not directly attributable		—		—	
Total attributable to regulated service		925			
Routine and corrective maintenance and inspection					
Directly attributable		1,607			
Not directly attributable		—		—	
Total attributable to regulated service		1,607			
Asset replacement and renewal					
Directly attributable		1,854			
Not directly attributable		—		—	
Total attributable to regulated service		1,854			
System operations and network support					
Directly attributable		2,134			
Not directly attributable		—		—	
Total attributable to regulated service		2,134			
Business support					
Directly attributable		2,852			
Not directly attributable		—		—	
Total attributable to regulated service		2,852			
Operating costs directly attributable		10,316			
Operating costs not directly attributable	—	—	—	—	—
Operational expenditure		10,316			

5d(ii): Other Cost Allocations

		(\$'000)
Pass through and recoverable costs		
Pass through costs		
Directly attributable	444	
Not directly attributable	—	
Total attributable to regulated service	444	
Recoverable costs		
Directly attributable	12,896	
Not directly attributable	—	
Total attributable to regulated service	12,896	

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

		(\$'000)		
			CY-1	Current Year (CY)
Change in cost allocation 1				
Cost category		Original allocation	—	
Original allocator or line items		New allocation	—	
New allocator or line items		Difference	—	—
Rationale for change				
Change in cost allocation 2				
Cost category		Original allocation	—	
Original allocator or line items		New allocation	—	
New allocator or line items		Difference	—	—
Rationale for change				
Change in cost allocation 3				
Cost category		Original allocation	—	
Original allocator or line items		New allocation	—	
New allocator or line items		Difference	—	—
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

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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

7 5e(i): Regulated Service Asset Values

	Value allocated (\$000s) Electricity distribution services
Subtransmission lines	
Directly attributable	8,106
Not directly attributable	–
Total attributable to regulated service	8,106
Subtransmission cables	
Directly attributable	9,531
Not directly attributable	–
Total attributable to regulated service	9,531
Zone substations	
Directly attributable	22,082
Not directly attributable	–
Total attributable to regulated service	22,082
Distribution and LV lines	
Directly attributable	24,353
Not directly attributable	–
Total attributable to regulated service	24,353
Distribution and LV cables	
Directly attributable	52,862
Not directly attributable	–
Total attributable to regulated service	52,862
Distribution substations and transformers	
Directly attributable	23,091
Not directly attributable	–
Total attributable to regulated service	23,091
Distribution switchgear	
Directly attributable	7,607
Not directly attributable	–
Total attributable to regulated service	7,607
Other network assets	
Directly attributable	13,743
Not directly attributable	166
Total attributable to regulated service	13,909
Non-network assets	
Directly attributable	3,096
Not directly attributable	–
Total attributable to regulated service	3,096
Regulated service asset value directly attributable	164,471
Regulated service asset value not directly attributable	166
Total closing RAB value	164,637

51 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 2017

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 2017

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 2017

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?

Yes

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Line Item*	Allocation methodology type	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	
Transmission lines										
all				100.00%					-	
									-	
									-	
									-	
Not directly attributable						-	-	-	-	-
Transmission cables										
all				100.00%					-	
									-	
									-	
									-	
Not directly attributable						-	-	-	-	-
Zone substations										
all				100.00%					-	
									-	
									-	
									-	
Not directly attributable						-	-	-	-	-
Distribution and LV lines										
all				100.00%					-	
									-	
									-	
									-	
Not directly attributable						-	-	-	-	-

Company Name

Network Tasman Limited

For Year Ended

31 March 2017

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

Distribution and LV cables

all				100.00%						-	
										-	
										-	
										-	
Not directly attributable										-	-

Distribution substations and transformers

all				100.00%						-	
										-	
										-	
										-	
Not directly attributable										-	-

Distribution switchgear

all				100.00%						-	
										-	
										-	
										-	
Not directly attributable										-	-

Other network assets

Fibre to Substation Assets	ACAM	uation of actual cos	Causal	72.17%	27.83%		166	64	230		
Other				100.00%			13,743	-	13,743		
									-		
									-		
Not directly attributable										-	-

Non-network assets

all				100.00%						-	
										-	
										-	
										-	
Not directly attributable										-	-

Regulated service asset value not directly attributable

-	13,909	64	13,973	-
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* include additional rows if needed

Company Name	Network Tasman Limited
For Year Ended	31 March 2017

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		836
9	System growth		998
10	Asset replacement and renewal		2,134
11	Asset relocations		1,107
12	Reliability, safety and environment:		
13	Quality of supply	416	
14	Legislative and regulatory	2	
15	Other reliability, safety and environment	181	
16	Total reliability, safety and environment		599
17	Expenditure on network assets		5,674
18	Expenditure on non-network assets		176
19			
20	Expenditure on assets		5,850
21	plus Cost of financing		—
22	less Value of capital contributions		105
23	plus Value of vested assets		157
24			
25	Capital expenditure		5,902
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		1,055
29	Research and development		—
30	6a(iii): Consumer Connection		
31	<i>Consumer types defined by EDB*</i>	(\$000)	(\$000)
32	Consumers 20kVA and less	259	
33	Consumers greater than 20kVA	577	
34		—	
35		—	
36		—	
37	<i>* include additional rows if needed</i>		
38	Consumer connection expenditure		836
39			
40	less Capital contributions funding consumer connection expenditure	14	
41	Consumer connection less capital contributions		822
42	6a(iv): System Growth and Asset Replacement and Renewal		
43		System Growth	Asset Replacement and Renewal
44		(\$000)	(\$000)
45	Subtransmission	1	52
46	Zone substations	132	457
47	Distribution and LV lines	183	1,108
48	Distribution and LV cables	366	—
49	Distribution substations and transformers	140	226
50	Distribution switchgear	176	176
51	Other network assets	—	115
52	System growth and asset replacement and renewal expenditure	998	2,134
53	less Capital contributions funding system growth and asset replacement and renewal	14	77
54	System growth and asset replacement and renewal less capital contributions	984	2,057
55			
56	6a(v): Asset Relocations		
57	<i>Project or programme*</i>	(\$000)	(\$000)
58	Underground 400v & 11kV Lines High Street Motueka	1,055	
59		—	
60		—	
61		—	
62		—	
63	<i>* include additional rows if needed</i>		
64	All other projects or programmes - asset relocations	52	
65	Asset relocations expenditure		1,107
66	less Capital contributions funding asset relocations	—	
67	Asset relocations less capital contributions		1,107

Company Name

Network Tasman Limited

For Year Ended

31 March 2017

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

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.

EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates).

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

sch ref

68						
69	6a(vi): Quality of Supply					
70	<i>Project or programme*</i>			(\$000)		(\$000)
71				—		
72				—		
73				—		
74				—		
75				—		
76	<i>* include additional rows if needed</i>					
77	All other projects programmes - quality of supply			416		
78	Quality of supply expenditure					416
79	less Capital contributions funding quality of supply			—		
80	Quality of supply less capital contributions					416
81	6a(vii): Legislative and Regulatory					
82	<i>Project or programme*</i>			(\$000)		(\$000)
83				—		
84				—		
85				—		
86				—		
87				—		
88	<i>* include additional rows if needed</i>					
89	All other projects or programmes - legislative and regulatory			2		
90	Legislative and regulatory expenditure					2
91	less Capital contributions funding legislative and regulatory			—		
92	Legislative and regulatory less capital contributions					2
93	6a(viii): Other Reliability, Safety and Environment					
94	<i>Project or programme*</i>			(\$000)		(\$000)
95				—		
96				—		
97				—		
98				—		
99				—		
100	<i>* include additional rows if needed</i>					
101	All other projects or programmes - other reliability, safety and environment			181		
102	Other reliability, safety and environment expenditure					181
103	less Capital contributions funding other reliability, safety and environment			—		
104	Other reliability, safety and environment less capital contributions					181
105						
106	6a(ix): Non-Network Assets					
107	Routine expenditure					
108	<i>Project or programme*</i>			(\$000)		(\$000)
109		0		—		
110		0		—		
111				—		
112				—		
113				—		
114	<i>* include additional rows if needed</i>					
115	All other projects or programmes - routine expenditure			176		
116	Routine expenditure					176
117	Atypical expenditure					
118	<i>Project or programme*</i>			(\$000)		(\$000)
119				—		
120				—		
121				—		
122				—		
123				—		
124	<i>* include additional rows if needed</i>					
125	All other projects or programmes - atypical expenditure			—		
126	Atypical expenditure					—
127						
128	Expenditure on non-network assets					176

Company Name **Network Tasman Limited**
 For Year Ended **31 March 2017**

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	944	
9	Vegetation management	925	
10	Routine and corrective maintenance and inspection	1,607	
11	Asset replacement and renewal	1,854	
12	Network opex		5,330
13	System operations and network support	2,134	
14	Business support	2,852	
15	Non-network opex		4,986
16			
17	Operational expenditure		10,316
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	Energy efficiency and demand side management, reduction of energy losses		28
20	Direct billing*		—
21	Research and development		—
22	Insurance		288
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name	Network Tasman Limited
For Year Ended	31 March 2017

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	7(i): Revenue	Target (\$000) ¹	Actual (\$000)	% variance
8	Line charge revenue	44,538	44,269	(1%)
9	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
10	Consumer connection	520	836	61%
11	System growth	1,797	998	(44%)
12	Asset replacement and renewal	3,291	2,134	(35%)
13	Asset relocations	1,200	1,107	(8%)
14	Reliability, safety and environment:			
15	Quality of supply	113	416	268%
16	Legislative and regulatory	–	2	–
17	Other reliability, safety and environment	330	181	(45%)
18	Total reliability, safety and environment	443	599	35%
19	Expenditure on network assets	7,251	5,674	(22%)
20	Expenditure on non-network assets	451	176	(61%)
21	Expenditure on assets	7,702	5,850	(24%)
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	1,001	944	(6%)
24	Vegetation management	962	925	(4%)
25	Routine and corrective maintenance and inspection	1,672	1,607	(4%)
26	Asset replacement and renewal	2,357	1,854	(21%)
27	Network opex	5,992	5,330	(11%)
28	System operations and network support	2,032	2,134	5%
29	Business support	2,807	2,852	2%
30	Non-network opex	4,839	4,986	3%
31	Operational expenditure	10,831	10,316	(5%)
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Energy efficiency and demand side management, reduction of energy losses	–	–	–
34	Overhead to underground conversion	1,200	1,055	(12%)
35	Research and development	–	–	–
36				
37	7(v): Subcomponents of Operational Expenditure (where known)			
38	Energy efficiency and demand side management, reduction of energy losses	56	28	(50%)
39	Direct billing	–	–	–
40	Research and development	–	–	–
41	Insurance	261	288	10%
42				
43	¹ From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination			
44	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	25	2,314
OTBS	Temporary Builders Supplies	Standard	–	–
OUNM	Unmetered Supplies	Standard	87	16
1	15 kVA Capacity	Standard	35,977	245,992
2	20 - 150 kVA Capacity	Standard	2,693	93,657
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	2	7
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	36	271
HLF	High Load Factor, 15-150kVA Capacity	Standard	52	10,806
31	Between 150 and 3000kVA	Standard	4	10,471
33	Between 150 and 3000kVA	Standard	4	8,549
34	Between 150 and 3000kVA	Standard	143	108,636
35	Between 150 and 3000kVA	Standard	2	13,827
6.1	> 3000,	Non-standard	1	104,495
6.2	> 3000,	Non-standard	1	15,262
CB	Cobb River Hydro	Non-standard	1	83
0		0 [Select one]	–	–
0		0 [Select one]	–	–
0		0 [Select one]	–	–
0		0 [Select one]	–	–

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

Standard consumer totals	39,025	494,546
Non-standard consumer totals	3	119,840
Total for all consumers	39,028	614,386

Billed quantities by price component

Price component

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

OSTL	OTBS	OUNM	1ANY	1DAY	1NIT	1OPK	1WSR
W/day	Daily	Daily	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh
557,393	–	–	–	–	–	–	–
–	2	–	–	–	–	–	–
–	–	81	–	–	–	–	–
4,724	–	–	177,443	1,907	4,419	437	61,786
4,724	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
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–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
566,841	2	81	177,443	1,907	4,419	437	61,786
–	–	–	–	–	–	–	–
566,841	2	81	177,443	1,907	4,419	437	61,786

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	revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg, \$ per day, \$ per kWh, etc.)	Price component							
								OSTL	OTBS	OUNM	1ANY	1DAY	1NIT	1OPK	1WSR
								W/day	Daily	Daily	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh
OS	Unmetered Streetlamps	Standard	\$236	–	\$158	\$78		\$236							
OTBS	Temporary Builders Supplies	Standard	–	–	–	–									
OUNM	Unmetered Supplies	Standard	\$16	–	\$11	\$5				\$16	–				
1	15 kVA Capacity	Standard	\$21,301	–	\$14,516	\$6,785	\$2				\$16,345	\$193	\$136	\$31	\$2,627
2	20 - 150 kVA Capacity	Standard	\$9,439	–	\$6,787	\$2,652	\$2				(\$1)	–	–	–	–
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	\$1	–	\$1	–									
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	\$31	–	\$23	\$8					–				–
HLF	High Load Factor, 15-150kVA Capacity	Standard	\$700	–	\$536	\$164					(\$1)				
31	Between 150 and 3000kVA	Standard	\$339	–	\$147	\$192	–	–	–	–	–	–	–	–	–
33	Between 150 and 3000kVA	Standard	\$392	–	\$253	\$139	–	–	–	–	–	–	–	–	–
34	Between 150 and 3000kVA	Standard	\$6,581	–	\$4,119	\$2,462	–	–	–	–	–	–	–	–	–
35	Between 150 and 3000kVA	Standard	\$638	–	\$381	\$257	–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	\$2,030	–	\$215	\$1,815	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	\$593	–	\$230	\$363	–	–	–	–	–	–	–	–	–
NDL/New Connections	New Connectionns, NDL	Standard	\$344	–	\$344	–	–	–	–	–	–	–	–	–	–
Embedded generators	Cobb, Pupu etc	Non-standard	\$1,628	–	\$1,309	\$319	–	–	–	–	–	–	–	–	–
0			–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price category codes as necessary															
Standard consumer totals			\$40,018	–	\$27,276	\$12,742	\$240	–	\$16	\$16,343	\$193	\$136	\$31	\$2,627	
Non-standard consumer totals			\$4,251	–	\$1,754	\$2,497	–	–	–	–	–	–	–	–	–
Total for all consumers			\$44,269	–	\$29,030	\$15,239	\$240	–	\$16	\$16,343	\$193	\$136	\$31	\$2,627	

8(iii): Number of ICPs directly billedCheck

Number of directly billed ICPs at year end

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 Information is also required on the number of ICPs that are included in each consumer group or price category code, and

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)	2ANY	2DAY	2NIT	2OPK	2WSR	2LANY	2LDAY	2LNIT	2LOPK	2LWSR	2HANY	2HDAY	2HNIT	2HOPK	2HWSR	HLFANY	HLFDAY	HLFNIT	HLFOPK	HLFWSR	GENA
			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	c/kWh
OS	Unmetered Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OTBS	Temporary Builders Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OUNM	Unmetered Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1,589
2	20 - 150 kVA Capacity	Standard	65,011	16,788	7,921	258	3,679	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	128
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	6	–	–	–	1	–	–	–	–	–	–
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	–	–	–	–	–	197	18	13	–	43	–	–	–	–	–	–	–	–	–	–	4
HLF	High Load Factor, 15-150kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5,060	4,044	1,667	–	35	–
31	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
33	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1,106
34	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
35	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CB	Cobb River Hydro	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0		0 [Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0		0 [Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0		0 [Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0		0 [Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price category codes as necessary																							
Standard consumer totals			65,011	16,788	7,921	258	3,679	197	18	13	–	43	6	–	–	–	1	5,060	4,044	1,667	–	35	2,829
Non-standard consumer totals			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total for all consumers			65,011	16,788	7,921	258	3,679	197	18	13	–	43	6	–	–	–	1	5,060	4,044	1,667	–	35	2,829

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 Information is also required on the number of ICPs that are included in each consumer group or price category code, and

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)	2ANY	2DAY	2NIT	2OPK	2WSR	2LANY	2LDAY	2LNIT	2LOPK	2LWSR	2HANY	2HDAY	2HNIT	2HOPK	2HWSR	HLFANY	HLFDAY	HLFNIT	HLFOPK	HLFWSR	GENA
			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	c/kWh
OS	Unmetered Streetlamps	Standard																					
OTBS	Temporary Builders Supplies	Standard																					
OUNM	Unmetered Supplies	Standard																					
1	15 kVA Capacity	Standard	\$1	-	-	-	-											-					
2	20 - 150 kVA Capacity	Standard	\$5,271	\$1,501	\$213	\$16	\$138	\$1	-			-							-	-			
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard						-				-	\$1				-						
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	-	-	-		-	\$23	\$2	\$1	-	\$3											
HLF	High Load Factor, 15-150kVA Capacity	Standard	\$3	-	-		-											\$115	\$100	\$12		-	
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			\$5,275	\$1,501	\$213	\$16	\$138	\$24	\$2	\$1	-	\$3	\$1	-	-	-	-	\$115	\$100	\$12	-	-	-
Non-standard consumer totals			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total for all consumers			\$5,275	\$1,501	\$213	\$16	\$138	\$24	\$2	\$1	-	\$3	\$1	-	-	-	-	\$115	\$100	\$12	-	-	-

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

7

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 Information is also required on the number of ICPs that are included in each consumer group or price category code, and

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)	1	2	2HLFC	2LLFC	HLF	AnyDem31	AnyDem33	AnyDem34	AnyDem35	RCPD	kVAr	SD31	SN31	WD31	WN31	SD33	SN33
			Daily	kVA per Day	Daily	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
OS	Unmetered Streetlamps	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OTBS	Temporary Builders Supplies	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OUNM	Unmetered Supplies	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	15 kVA Capacity	Standard	35,909	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	20 - 150 kVA Capacity	Standard	—	121,542	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard	—	—	—	37	—	—	—	—	—	—	—	—	—	—	—	—	—
HLF	High Load Factor, 15-150kVA Capacity	Standard	—	—	—	—	3,238	—	—	—	—	—	—	—	—	—	—	—	—
31	Between 150 and 3000kVA	Standard	—	—	—	—	—	2,410	—	—	—	1,452	—	4,360	1,809	3,007	1,295	—	—
33	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	2,317	—	—	992	—	—	—	—	—	3,889	1,725
34	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	41,443	—	17,377	172	—	—	—	—	—	—
35	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	—	3,721	1,872	—	—	—	—	—	—	—
6.1	> 3000,	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6.2	> 3000,	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CB	Cobb River Hydro	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0		0 [Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0		0 [Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0		0 [Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0		0 [Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Add extra rows for additional consumer groups or price category codes as necessary																			
Standard consumer totals			35,909	121,542	—	37	3,238	2,410	2,317	41,443	3,721	21,693	172	4,360	1,809	3,007	1,295	3,889	1,725
Non-standard consumer totals			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total for all consumers			35,909	121,542	—	37	3,238	2,410	2,317	41,443	3,721	21,693	172	4,360	1,809	3,007	1,295	3,889	1,725

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 Information is also required on the number of ICPs that are included in each consumer group or price category code, and

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

			1	2	2HLFC	2LLFC	HLF	AnyDem31	AnyDem33	AnyDem34	AnyDem35	RCPD	kVAr	SD31	SN31	WD31	WN31	SD33	SN33
Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Daily	kVA per Day	Daily	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
OS	Unmetered Streetlamps	Standard						–	–	–	–	–	–	–	–	–	–	–	–
OTBS	Temporary Builders Supplies	Standard						–	–	–	–	–	–	–	–	–	–	–	–
OUNM	Unmetered Supplies	Standard						–	–	–	–	–	–	–	–	–	–	–	–
1	15 kVA Capacity	Standard	\$1,966					–	–	–	–	–	–	–	–	–	–	–	–
2	20 - 150 kVA Capacity	Standard		\$2,298				–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	Domesitic low user, 20 or 30 kVA Capacity	Standard			–			–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	Domesitic low user, 40-150kVA Capacity	Standard				\$2		–	–	–	–	–	–	–	–	–	–	–	–
HLF	High Load Factor, 15-150kVA Capacity	Standard					\$471	–	–	–	–	–	–	–	–	–	–	–	–
31	Between 150 and 3000kVA	Standard	–	–	–	–	–	\$109	–	–	–	\$180	–	\$19	\$4	\$24	\$3	–	–
33	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	\$127	–	–	\$123	–	–	–	–	–	\$52	\$12
34	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	\$2,390	–	\$2,154	\$16	–	–	–	–	–	–
35	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	\$204	\$232	–	–	–	–	–	–	–
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			\$1,966	\$2,298	–	\$2	\$471	\$109	\$127	\$2,390	\$204	\$2,689	\$16	\$19	\$4	\$24	\$3	\$52	\$12
Non-standard consumer totals			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total for all consumers			\$1,966	\$2,298	–	\$2	\$471	\$109	\$127	\$2,390	\$204	\$2,689	\$16	\$19	\$4	\$24	\$3	\$52	\$12

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

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 Information is also required on the number of ICPs that are included in each consumer group or price category code, and

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)	WD33	WN33	SD34	SN34	WD34	WN34	SD35	SN35	WD35	WN35	6.1	6.2	NDL	NCA Admin G0	NCA Admin G1	NCA Admin G2	NCA Admin G3
			c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	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
OS	Unmetered Streetlamps	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTBS	Temporary Builders Supplies	Standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUNM	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	2,092	843	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Between 150 and 3000kVA	Standard	-	-	45,109	15,811	35,110	12,606	-	-	-	-	-	-	-	-	-	-	-
35	Between 150 and 3000kVA	Standard	-	-	-	-	-	-	5,164	2,256	4,432	1,975	-	-	-	-	-	-	-
6.1	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2	> 3000,	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CB	Cobb River Hydro	Non-standard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 [Select one]	-	-	-	-	-	-	-	-	-	-	-	-	20,463	3	585	62	11
0		0 [Select one]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 [Select one]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0		0 [Select one]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Add extra rows for additional consumer groups or price category codes as necessary																			
Standard consumer totals			2,092	843	45,109	15,811	35,110	12,606	5,164	2,256	4,432	1,975	-	-	-	-	-	-	-
Non-standard consumer totals			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total for all consumers			2,092	843	45,109	15,811	35,110	12,606	5,164	2,256	4,432	1,975	-	-	-	-	-	-	-

Company Name
For Year Ended
Network / Sub-Network Name

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 Information is also required on the number of ICPs that are included in each consumer group or price category code, and

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)	WD33	WN33	SD34	SN34	WD34	WN34	SD35	SN35	WD35	WN35	6.1	6.2	NDL	NCA Admin G0	NCA Admin G1	NCA Admin G2	NCA Admin G3
			c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	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
OS	Unmetered Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OTBS	Temporary Builders Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OUNM	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	\$72	\$6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
34	Between 150 and 3000kVA	Standard	–	–	\$609	\$112	\$1,211	\$89	–	–	–	–	–	–	–	–	–	–	–
35	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	\$47	\$13	\$131	\$11	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	\$2,030	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	\$593	–	–	–	–	–
NDL/New Connections	New Connectionns, NDL	Standard	–	–	–	–	–	–	–	–	–	–	–	–	\$158	–	\$146	\$20	\$5
Embedded generators	Cobb, Pupu etc	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price category codes as necessary																			
Standard consumer totals			\$72	\$6	\$609	\$112	\$1,211	\$89	\$47	\$13	\$131	\$11	–	–	\$158	–	\$146	\$20	\$5
Non-standard consumer totals			–	–	–	–	–	–	–	–	–	–	\$2,030	\$593	–	–	–	–	–
Total for all consumers			\$72	\$6	\$609	\$112	\$1,211	\$89	\$47	\$13	\$131	\$11	\$2,030	\$593	\$158	–	\$146	\$20	\$5

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end

7

Network Tasman Limited

31 March 2017

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 Information is also required on the number of ICPs that are included in each consumer group or price category code, and

sch ref

8(i): Billed Quantities by Price Component

columns for

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	CB	Standard DG Part1A	Standard DG Part1	DG >10kw <100kW
			Annual	Per application	Per application	Per application
OS	Unmetered Streetlamps	Standard	—	—	—	—
OTBS	Temporary Builders Supplies	Standard	—	—	—	—
OUNM	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	1,627,801	—	—	—
0		0 [Select one]	—	132	3	1
0		0 [Select one]	—	—	—	—
0		0 [Select one]	—	—	—	—
0		0 [Select one]	—	—	—	—

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

Standard consumer totals	—	—	—	—
Non-standard consumer totals	1,627,801	—	—	—
Total for all consumers	1,627,801	—	—	—

Network Tasman Limited

31 March 2017

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 Information is also required on the number of ICPs that are included in each consumer group or price category code, and

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)	CB	Standard DG Part1A	Standard DG Part1	DG >10kw <100kW
			Annual	Per application	Per application	Per application
OS	Unmetered Streetlamps	Standard	—	—	—	—
OTBS	Temporary Builders Supplies	Standard	—	—	—	—
OUNM	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	—	\$13	\$1	\$1
Embedded generators	Cobb, Pupu etc	Non-standard	\$1,628	—	—	—
0			—	—	—	—
Add extra rows for additional consumer groups or price category codes as necessary						
Standard consumer totals			—	\$13	\$1	\$1
Non-standard consumer totals			\$1,628	—	—	—
Total for all consumers			\$1,628	\$13	\$1	\$1

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 2017

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

				Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
8	Voltage	Asset category	Asset class	Units			
9	All	Overhead Line	Concrete poles / steel structure	No.	25,927	25,917	(10) 3
10	All	Overhead Line	Wood poles	No.	1,624	1,449	(175) 3
11	All	Overhead Line	Other pole types	No.	545	529	(16) 3
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	283	281	(2) 4
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	—	—	— 4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	27	27	— 4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	—	—	— 4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	—	—	— 4
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	3	3	— 4
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	—	—	— 4
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	—	—	— 4
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	—	—	— 4
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	—	—	— 4
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	—	—	— 4
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	15	15	— 4
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	—	—	— 4
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	—	—	— 4
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	9	9	— 4
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	—	—	— 4
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	101	101	— 4
29	HV	Zone substation switchgear	33kV RMU	No.	—	—	— 4
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	9	9	— 4
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	22	20	(2) 4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	86	95	9 4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	8	8	— 4
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	25	25	— 4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,897	1,893	(4) 3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	—	—	— 3
37	HV	Distribution Line	SWER conductor	km	—	—	— 4
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	108	113	5 3
39	HV	Distribution Cable	Distribution UG PILC	km	137	135	(2) 3
40	HV	Distribution Cable	Distribution Submarine Cable	km	—	—	— 4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	64	61	(3) 4
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	—	—	— 4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	1,259	1,266	7 3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	235	184	(51) 3
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	32	96	64 3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	3,809	3,815	6 3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	662	678	16 3
48	HV	Distribution Transformer	Voltage regulators	No.	11	11	— 4
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	25	26	1 4
50	LV	LV Line	LV OH Conductor	km	507	504	(3) 3
51	LV	LV Cable	LV UG Cable	km	602	613	11 3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	—	—	— 4
53	LV	Connections	OH/UG consumer service connections	No.	38,761	39,299	538 4
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	135	141	6 4
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	— 4
56	All	Capacitor Banks	Capacitors including controls	No	9	9	— 4
57	All	Load Control	Centralised plant	Lot	5	5	— 4
58	All	Load Control	Relays	No	—	—	— 4
59	All	Civils	Cable Tunnels	km	—	—	— 4

Company
For Year
Network / Sub-network

SCHEDULE 9b: ASSET AGE PROFILE

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

sch ref

8	Disclosure Year (year ended)		31 March 2017		Number of assets at disclosure year end by installation date																								
					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		
9	Voltage	Asset category	Asset class	Units																									
10	All	Overhead Line	Concrete poles / steel structure	No.	2,267	1,253	6,859	6,065	1,957	3,540	993	63	180	124	169	162	91	167	170	155	132	189	134	137	128	150	203		
11	All	Overhead Line	Wood poles	No.	—	76	203	186	140	179	178	17	21	9	8	21	3	7	12	11	8	56	13	15	14	29	—		
12	All	Overhead Line	Other pole types	No.	59	34	56	129	47	90	51	—	4	1	—	—	1	—	1	4	—	1	—	—	1	—	—		
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	—	95	98	2	10	61	3	3	—	2	2	1	1	—	—	1	—	—	—	—	1	—	—		
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	—	—	—	—	—	2	1	—	—	—	—	6	—	8	—	—	1	—	—	—	9	—	—		
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	—	—	—	—	1	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	—	3	2	—	1	4	2	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—		
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	—	—	—	—	—	—	6	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—		
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	—	—	5	5	14	15	12	1	—	1	2	6	2	1	2	—	—	—	—	—	—	—	—		
30	HV	Zone substation switchgear	33kV RMU	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	—	—	—	—	—	—	—	—	—	—	—	—	—	4	5	—	—	—	—	—	—	—	—		
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	—	—	—	2	2	10	1	—	—	—	—	—	1	—	—	2	2	—	—	—	—	—	—		
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	—	—	—	—	—	10	18	—	13	—	12	—	8	14	—	—	—	—	—	—	8	—	—		
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	—	—	—	—	—	—	2	—	—	—	—	—	2	—	—	—	4	—	—	—	—	—	—		
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	—	—	2	3	5	5	1	—	—	—	2	—	2	—	2	—	1	—	—	—	—	—	—		
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	125	83	460	517	154	274	103	7	7	7	12	12	6	10	3	8	13	34	16	12	16	6	2		
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
38	HV	Distribution Line	SWER conductor	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
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		
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		
41	HV	Distribution Cable	Distribution Submarine Cable	km	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	—	—	—	—	—	2	—	2	3	—	1	4	2	2	—	—	—	4	8	8	4	6	4		
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	—	—	—	—	—	—	—	—	—	—	—	—													

				Name		Network Tasman Limited				
				Ended		31 March 2017				
				Name						
SCHEDULE 9b: ASSET AGE PROFILE										
This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.										
sch ref										
8	Disclosure Year (year ended)		31 March 2017							
9	Voltage	Asset category	Asset class	Units	2016	2017	No. with age unknown	Items at end of year (quantity)	No. with default dates	Data accuracy (1-4)
10	All	Overhead Line	Concrete poles / steel structure	No.	33	130	466	25,917	—	1
11	All	Overhead Line	Wood poles	No.	—	8	235	1,449	—	1
12	All	Overhead Line	Other pole types	No.	—	—	50	529	—	1
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	—	—	1	281	—	2
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	—	—	—	—	—	2
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	—	—	—	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	—	—	—	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.	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.	1	—	—	9	—	4
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	—	—	—	—	—	4
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	—	—	35	101	—	1
30	HV	Zone substation switchgear	33kV RMU	No.	—	—	—	—	—	4
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	—	—	—	9	—	4
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	—	—	—	20	—	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	12	—	—	95	—	4
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	—	—	—	8	—	3
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	2	—	—	25	—	4
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	—	6	—	1,893	—	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	—	5	—	113	—	2
40	HV	Distribution Cable	Distribution UG PILC	km	—	—	1	135	—	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.	5	6	—	61	—	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.	5	7	848	1,266	—	2
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	—	5	8	184	—	2
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	—	4	69	96	—	2
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	16	2	328	3,815	—	3
48	HV	Distribution Transformer	Ground Mounted Transformer	No.	13	9	10	678	—	3
49	HV	Distribution Transformer	Voltage regulators	No.	—	—	6	11	—	2
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.	—	—	1	26	—	2
51	LV	LV Line	LV OH Conductor	km	—	1	4	504	—	2
52	LV	LV Cable	LV UG Cable	km	3	14	13	613	—	2
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	—	—	—	—	—	2
54	LV	Connections	OH/UG consumer service connections	No.	447	538	#####	39,299	—	2
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	4	13	—	141	—	3
56	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	—	—	—	1	—	3
57	All	Capacitor Banks	Capacitors including controls	No	1	—	—	9	—	3
58	All	Load Control	Centralised plant	Lot	—	—	—	5	—	4
59	All	Load Control	Relays	No	—	—	—	—	—	4
60	All	Civils	Cable Tunnels	km	—	—	—	—	—	4

Company Name

Network Tasman Limited

For Year Ended

31 March 2017

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)	19	13
16	6.6kV to 11kV (inclusive—other than SWER)	1,879	238
17	Low voltage (< 1kV)	505	616
18	Total circuit length (for supply)	2,684	897
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	189	7%
25	Rural	2,296	86%
26	Remote only	70	3%
27	Rugged only	121	5%
28	Remote and rugged	8	0%
29	Unallocated overhead lines	—	—
30	Total overhead length	2,684	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,673	47%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	2,684	100%

Company Name	Network Tasman Limited
For Year Ended	31 March 2017

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

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

sch ref

	Location *	Number of ICPs served	Line charge revenue (\$000)
8			
9	None		
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26	* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB's network or in another embedded network		

Company Name

Network Tasman Limited

For Year Ended

31 March 2017

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)

560

30

590

Distributed generation

Number of connections made in year

136

connections

Capacity of distributed generation installed in year

0.46

MVA

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

GXP demand

106

plus Distributed generation output at HV and above

32

Maximum coincident system demand

138

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

18

Demand on system for supply to consumers' connection points

120

Electricity volumes carried

Electricity supplied from GXPs

608

less Electricity exports to GXPs

91

plus Electricity supplied from distributed generation

226

less Net electricity supplied to (from) other EDBs

92

Electricity entering system for supply to consumers' connection points

651

less Total energy delivered to ICPs

614

Electricity losses (loss ratio)

37

5.6%

Load factor

0.62

9e(iii): Transformer Capacity

Distribution transformer capacity (EDB owned)

401

Distribution transformer capacity (Non-EDB owned, estimated)

44

Total distribution transformer capacity

445

Zone substation transformer capacity

381

Company Name **Network Tasman Limited**For Year Ended **31 March 2017**

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

10(i): Interruptions**Interruptions by class****Number of interruptions**

Class A (planned interruptions by Transpower)
 Class B (planned interruptions on the network)
 Class C (unplanned interruptions on the network)
 Class D (unplanned interruptions by Transpower)
 Class E (unplanned interruptions of EDB owned generation)
 Class F (unplanned interruptions of generation owned by others)
 Class G (unplanned interruptions caused by another disclosing entity)
 Class H (planned interruptions caused by another disclosing entity)
 Class I (interruptions caused by parties not included above)

1
173
163
2
–
1
–
–
–
340

Total**Interruption restoration****≤3Hrs >3hrs**

Class C interruptions restored within

120	43
-----	----

SAIFI and SAIDI by class**SAIFI SAIDI**

Class A (planned interruptions by Transpower)
 Class B (planned interruptions on the network)
 Class C (unplanned interruptions on the network)
 Class D (unplanned interruptions by Transpower)
 Class E (unplanned interruptions of EDB owned generation)
 Class F (unplanned interruptions of generation owned by others)
 Class G (unplanned interruptions caused by another disclosing entity)
 Class H (planned interruptions caused by another disclosing entity)
 Class I (interruptions caused by parties not included above)

0.03	8.5
0.28	70.0
1.29	115.7
0.28	13.3
–	–
0.28	21.4
–	–
–	–
–	–
2.15	229.0

Total**Normalised SAIFI and SAIDI****Normalised SAIFI Normalised SAIDI**

Classes B & C (interruptions on the network)

1.56	185.8
------	-------

Quality path normalised reliability limit**SAIFI reliability limit SAIDI reliability limit**

SAIFI and SAIDI limits applicable to disclosure year*

1.68	157.8
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* not applicable to exempt EDBs

Company Name **Network Tasman Limited**For Year Ended **31 March 2017**

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	0.01	3.7
Vegetation	0.03	3.2
Adverse weather	0.16	21.5
Adverse environment	0.23	19.5
Third party interference	0.26	29.1
Wildlife	0.09	6.6
Human error	0.06	0.4
Defective equipment	0.27	19.4
Cause unknown	0.19	12.3

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

Subtransmission lines	—	—
Subtransmission cables	—	—
Subtransmission other	—	—
Distribution lines (excluding LV)	0.22	62.5
Distribution cables (excluding LV)	0.04	4.3
Distribution other (excluding LV)	0.03	3.3

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

Subtransmission lines	0.24	19.2
Subtransmission cables	—	—
Subtransmission other	—	—
Distribution lines (excluding LV)	0.96	89.2
Distribution cables (excluding LV)	0.01	0.5
Distribution other (excluding LV)	0.08	6.9

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

Subtransmission lines	4	281	1.42
Subtransmission cables	—	30	—
Subtransmission other	—	—	—
Distribution lines (excluding LV)	134	1,895	7.07
Distribution cables (excluding LV)	2	250	0.80
Distribution other (excluding LV)	23	—	—
Total	163		

Company Name	Network Tasman Limited
For Year Ended	31 March 2017

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 \$71,000.

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 were the following changes in classification.

<i>Category 2016</i>	<i>Category 2017</i>	<i>\$00</i>	<i>Explanation</i>
Distribution & LV Lines	Distribution & LV Cable	28	Cable expenditure was incorrectly classified as Line.
Distribution Switchgear	Zone Substations	28	Zone substation switchgear was incorrectly classified as Distribution Switchgear
Other Network Assets	Zone Substations	61	Zone substation metering was incorrectly classified as Other Network Assets
Other Network Assets	Distribution Switchgear	638	Voltage regulator were reclassified as Distribution Switchgear
Zone Substations	Distribution & LV Cable	242	Cable to zone substation reclassified
Zone Substations	Distribution Substations & Transformers	17	Distribution transformers were incorrectly categorised as zone substation switchgear
		<u>1,014</u>	

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

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

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

Box 5: Regulatory tax allowance: permanent differences

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

- Use of money interest received

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

- Non-deductible expenses

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
- Movement in provisions

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

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

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

Loss on disposals of assets temporary difference \$265,000 @28% = \$74,000 and

Movement in provisions temporary difference -\$451,000 @28% = \$-126,000

Making temporary differences of \$-52,000.

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 and other sundry charges to Nelson Electricity Limited \$22,000.

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 above target due to greater than expected new commercial and industrial applications for supply.
- System growth is below target some projects have moved into the next year.
- Asset replacement and renewal is below target due to the recently purchased 66kV assets requiring less replacement and renewal expenditure than expected, and 2 of the major projects being delayed.
- Asset relocations are below target with 1 undergrounding project delayed until the 2017/18 year.
- Reliability, safety and environment – quality of supply is above target mostly due to the unbudgeted costs relating to adding a second transformer at the Stoke GXP to improve reliability.
- Other reliability, safety and environment is below target due to the transformer bunding projects being delayed until the next year.
- The expenditure on non-network assets is below target due to computer expenditure being delayed until the following year.

Operational Expenditure

- Service interruptions and emergencies costs are less than target thanks to less extraordinary events during the year.
- Vegetation management is below target with slightly less vegetation expenditure across the board than anticipated.
- Routine and corrective maintenance and inspection cost are less than target with a main underspend in substation and switchgear maintenance.
- Asset replacement and renewal expenditure is less than target due to a significant reduction in reactive maintenance for the year.
- Non-network expenditure is above target mainly due to additional costs associated with staff recruitment.

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 (0.6%). 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.

Network SAIDI minutes (average duration of supply interruptions per connected consumer, excluding Transpower planned and unplanned faults) were 186 minutes against a target of 115 minutes (181 minutes in 2015/16). Network reliability was affected by unplanned outages from the Kaikoura earthquake and an increase in planned outages from less live line work being undertaken for safety reasons. Network Tasman continues to focus on planned maintenance on the network and vegetation control to ensure improvement of the long-term safety and reliability of the electricity network.

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 2017

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 2018 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 2018 year.

Company Name	Network Tasman Limited
For Year Ended	31 March 2017

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 34kW/km.

Demand density	34
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networktasman

Your consumer-owned electricity distributor

Network Tasman Limited

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Certification for Year-end Disclosures

Clause 2.9.2

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

a) the information prepared for the purposes of clauses 2.3.1, 2.3.2, 2.4.21, 2.4.22, 2.5.1, 2.5.2, and 2.7.1 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and

b) the historical information used in the preparation of Schedules 8, 9a, 9b, 9c, 9d, 9e, 10, and 14 has been properly extracted from the Network Tasman Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained; and

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



Michael John MCCLISKIE



Anthony Page REILLY

28 July 2017

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 2017, 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
28 July 2017