



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

Company Name

[Network Tasman Limited](#)

Disclosure Date

[31 August 2018](#)

Disclosure Year (year ended)

[31 March 2018](#)

Templates for Schedules 1–10  
Template Version 4.1. Prepared 24 March 2015

Company Name **Network Tasman Limited**  
For Year Ended **31 March 2018**

## 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)
<b>Operational expenditure</b>	17,733	277	91,369	3,045	26,695
Network	9,828	153	50,639	1,688	14,795
Non-network	7,905	123	40,730	1,358	11,900
<b>Expenditure on assets</b>	9,933	155	51,182	1,706	14,954
Network	8,961	140	46,173	1,539	13,490
Non-network	972	15	5,009	167	1,463

### 1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
<b>Total consumer line charge revenue</b>	72,983	1,138
Standard consumer line charge revenue	81,572	1,028
Non-standard consumer line charge revenue	36,774	1,450,667

### 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	15,595	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

### 1(iv): Composition of regulatory income

	(\$000)	% of revenue
Operational expenditure	10,945	24.30%
Pass-through and recoverable costs excluding financial incentives and wash-ups	12,857	28.55%
Total depreciation	6,954	15.44%
Total revaluations	1,808	4.01%
Regulatory tax allowance	1,173	2.60%
Regulatory profit/(loss) including financial incentives and wash-ups	14,920	33.12%
<b>Total regulatory income</b>	<b>45,041</b>	

### 1(v): Reliability

Interruption rate	7.76	Interruptions per 100 circuit km
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Company Name

Network Tasman Limited

For Year Ended

31 March 2018

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

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

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

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sch ref

**2(i): Return on Investment****ROI – comparable to a post tax WACC**

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

**Mid-point estimate of post tax WACC**

25th percentile estimate  
75th percentile estimate

**ROI – comparable to a vanilla WACC**

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

**WACC rate used to set regulatory price path****Mid-point estimate of vanilla WACC**

25th percentile estimate  
75th percentile estimate

CY-2 CY-1 Current Year CY  
31 Mar 16 31 Mar 17 31 Mar 18  
% % %

7.83%	9.59%	8.70%
5.65%	7.61%	6.75%
5.65%	7.73%	6.88%

5.37%	4.77%	5.04%
4.66%	4.05%	4.36%
6.09%	5.48%	5.72%

8.48%	10.14%	9.29%
6.30%	8.15%	7.35%
6.30%	8.27%	7.47%

7.19%	7.19%	7.19%
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6.02%	5.31%	5.60%
5.30%	4.59%	4.92%
6.74%	6.03%	6.29%

**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**

164,637	
(1,171)	
	163,466
	45,046
23,802	
6,386	
355	
732	
(5)	
	30,570
	—
165,522	
0	
—	
(1,612)	
	163,909

9.29%

44%

4.80%

28%

8.70%

Company Name

Network Tasman Limited

For Year Ended

31 March 2018

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

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

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

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sch ref

**2(iii): Information Supporting the Monthly ROI**

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						–
<b>Total</b>	–	–	–	–	–	–

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

6.58%

Year-end ROI – comparable to a post tax WACC

5.99%

\* 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

4,230

Energy efficiency and demand incentive allowance

–

Quality incentive adjustment

–

Other financial incentives

–

**Financial incentives**

4,230

**Impact of financial incentives on ROI**

1.95%

Input methodology claw-back

–

Recoverable customised price-quality path costs

–

Catastrophic event allowance

–

Capex wash-up adjustment

(272)

Transmission asset wash-up adjustment

–

2013–2015 NPV wash-up allowance

–

Reconsideration event allowance

–

Other wash-ups

–

**Wash-up costs**

(272)

**Impact of wash-up costs on ROI**

–0.12%

Company Name **Network Tasman Limited**  
For Year Ended **31 March 2018**

### SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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

*sch ref*

7	<b>3(i): Regulatory Profit</b>		<b>(\$000)</b>
8	<b>Income</b>		
9	Line charge revenue		45,046
10	plus Gains / (losses) on asset disposals		(139)
11	plus Other regulated income (other than gains / (losses) on asset disposals)		134
12			
13	<b>Total regulatory income</b>		<b>45,041</b>
14	<b>Expenses</b>		
15	less Operational expenditure		10,945
16			
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups		12,857
18			
19	<b>Operating surplus / (deficit)</b>		<b>21,239</b>
20			
21	less Total depreciation		6,954
22			
23	plus Total revaluations		1,808
24			
25	<b>Regulatory profit / (loss) before tax</b>		<b>16,093</b>
26			
27	less Term credit spread differential allowance		–
28			
29	less Regulatory tax allowance		1,173
30			
31	<b>Regulatory profit/(loss) including financial incentives and wash-ups</b>		<b>14,920</b>
32			
33	<b>3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups</b>		<b>(\$000)</b>
34	<b>Pass through costs</b>		
35	Rates	207	
36	Commerce Act levies	82	
37	Industry levies	137	
38	CPP specified pass through costs	–	
39	<b>Recoverable costs excluding financial incentives and wash-ups</b>		
40	Electricity lines service charge payable to Transpower	10,394	
41	Transpower new investment contract charges	203	
42	System operator services	–	
43	Distributed generation allowance	1,834	
44	Extended reserves allowance	–	
45	Other recoverable costs excluding financial incentives and wash-ups	–	
46	<b>Pass-through and recoverable costs excluding financial incentives and wash-ups</b>		<b>12,857</b>
47			

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2018**

### SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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*sch ref*

		(\$000)	
		CY-1 31 Mar 17	CY 31 Mar 18
48	<b>3(iii): Incremental Rolling Incentive Scheme</b>		
49			
50			
51	Allowed controllable opex	—	—
52	Actual controllable opex	—	—
53			
54	Incremental change in year		—
55			
		Previous years' incremental change	Previous years' incremental change adjusted for inflation
56			
57	CY-5 31 Mar 13	—	—
58	CY-4 31 Mar 14	—	—
59	CY-3 31 Mar 15	—	—
60	CY-2 31 Mar 16	—	—
61	CY-1 31 Mar 17	—	—
62	<b>Net incremental rolling incentive scheme</b>		—
63			
64	<b>Net recoverable costs allowed under incremental rolling incentive scheme</b>		—
65	<b>3(iv): Merger and Acquisition Expenditure</b>		
70			(\$000)
66	Merger and acquisition expenditure		—
67			
68	<i>Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>		
69	<b>3(v): Other Disclosures</b>		
70			(\$000)
71	Self-insurance allowance		—

Company Name **Network Tasman Limited**For Year Ended **31 March 2018****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 14 (\$000)	RAB 31 Mar 15 (\$000)	RAB 31 Mar 16 (\$000)	RAB 31 Mar 17 (\$000)	RAB 31 Mar 18 (\$000)
150,493	155,232	161,816	163,098	164,637
6,574	6,778	6,937	6,779	6,954
2,307	130	948	3,531	1,808
9,280	13,773	7,777	5,612	6,386
274	541	506	825	355
–	–	–	–	–
0	(0)	0	–	0
155,232	161,816	163,098	164,637	165,522

**4(ii): Unallocated Regulatory Asset Base**

Unallocated RAB * (\$000)	RAB (\$000)
164,697	164,637
7,015	6,954
1,808	1,808
6,386	6,386
–	–
–	–
6,386	6,386
355	355
–	–
–	–
355	355
–	–
165,521	165,522

\* 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 2018****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

56

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60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

CPI<sub>t</sub>CPI<sub>t-4</sub>

Revaluation rate (%)

1,011

1,000

1.10%

Unallocated RAB \*

RAB

(\$000)

(\$000)

(\$000)

(\$000)

Total opening RAB value

164,697

164,637

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

302

302

Total opening RAB value subject to revaluation

164,395

164,335

Total revaluations

1,808

1,808

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

Unallocated works under

construction

Allocated works under construction

Works under construction—preceding disclosure year

2,741

2,741

plus Capital expenditure

5,908

5,908

less Assets commissioned

6,386

6,386

plus Adjustment resulting from asset allocation

—

Works under construction - current disclosure year

2,263

2,263

Highest rate of capitalised finance applied

—



Company Name	Network Tasman Limited
For Year Ended	31 March 2018

**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)
6,781		6,720	
234		234	
–		–	
–		–	
	7,015		6,954

**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
<b>Total opening RAB value</b>	8,106	9,531	22,082	24,353	52,862	23,091	7,607	13,909	3,096	164,637
less Total depreciation	278	196	797	1,787	1,444	1,011	377	868	196	6,954
plus Total revaluations	89	105	244	268	582	254	83	149	34	1,808
plus Assets commissioned	39	–	1,418	1,524	691	1,328	429	382	575	6,386
less Asset disposals	2	–	–	46	7	204	3	11	82	355
plus Lost and found assets adjustment	–	–	–	–	–	–	–	–	–	–
plus Adjustment resulting from asset allocation	–	–	–	–	–	–	–	–	–	–
plus Asset category transfers	–	–	120	(2)	2	–	–	(120)	–	–
<b>Total closing RAB value</b>	7,954	9,440	23,067	24,310	52,686	23,458	7,739	13,441	3,427	165,522
<b>Asset Life</b>										
Weighted average remaining asset life	38.4	48.7	27.3	30.7	45.2	32.0	31.3	17.7	23.4	(years)
Weighted average expected total asset life	58.5	56.1	39.6	58.9	60.4	51.2	42.2	33.8	31.4	(years)

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

sch ref

S5a.Regulatory Tax Allowance-1

Company Name

Network Tasman Limited

For Year Ended

31 March 2018

**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(iv): Amortisation of Revaluations**

(\$000)

Opening sum of RAB values without revaluations

150,425

Adjusted depreciation

6,315

Total depreciation

6,954

Amortisation of revaluations

639

**5a(v): Reconciliation of Tax Losses**

(\$000)

Opening tax losses

-

plus Current period tax losses

-

less Utilised tax losses

-

Closing tax losses

-

**5a(vi): Calculation of Deferred Tax Balance**

(\$000)

Opening deferred tax

(1,171)

plus Tax effect of adjusted depreciation

1,768

less Tax effect of tax depreciation

1,269

plus Tax effect of other temporary differences\*

(4)

less Tax effect of amortisation of initial differences in asset values

907

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

-

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

23

plus Deferred tax cost allocation adjustment

(7)

Closing deferred tax

(1,612)

**5a(vii): Disclosure of Temporary Differences**

*In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).*

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

(\$000)

Opening sum of regulatory tax asset values

62,022

less Tax depreciation

4,532

plus Regulatory tax asset value of assets commissioned

6,332

less Regulatory tax asset value of asset disposals

665

plus Lost and found assets adjustment

-

plus Adjustment resulting from asset allocation

(23)

plus Other adjustments to the RAB tax value

-

Closing sum of regulatory tax asset values

63,134

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2018**

## SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

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

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

sch ref

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

(\$000)

Total regulatory income	68
Operational expenditure	
Capital expenditure	
Market value of asset disposals	
Other related party transactions	

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

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

\* include additional rows if needed

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

Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
Nelson Electricity Ltd	Sales	Management services fee for engineering support	49	ID clause 2.3.7(2)(b)
Nelson Electricity Ltd	Sales	Electricity Authority levies on-charged	13	ID clause 2.3.7(2)(c)
Nelson Electricity Ltd	Sales	Sundry income	5	ID clause 2.3.7(2)(c)

\* include additional rows if needed

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2018**

### 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 2018

**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**

	Arm's length deduction	Value allocated (\$000s)		Total	OVABAA allocation increase (\$000s)
		Electricity distribution services	Non-electricity distribution services		
<b>Service interruptions and emergencies</b>					
Directly attributable		1,169			
Not directly attributable		–		–	
<b>Total attributable to regulated service</b>		1,169			
<b>Vegetation management</b>					
Directly attributable		948			
Not directly attributable		–		–	
<b>Total attributable to regulated service</b>		948			
<b>Routine and corrective maintenance and inspection</b>					
Directly attributable		1,824			
Not directly attributable		–		–	
<b>Total attributable to regulated service</b>		1,824			
<b>Asset replacement and renewal</b>					
Directly attributable		2,125			
Not directly attributable		–		–	
<b>Total attributable to regulated service</b>		2,125			
<b>System operations and network support</b>					
Directly attributable		2,052			
Not directly attributable		–		–	
<b>Total attributable to regulated service</b>		2,052			
<b>Business support</b>					
Directly attributable		2,827			
Not directly attributable		–		–	
<b>Total attributable to regulated service</b>		2,827			
<b>Operating costs directly attributable</b>		10,945			
<b>Operating costs not directly attributable</b>	–	–	–	–	–
<b>Operational expenditure</b>		10,945			

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

	(\$000)
<b>Pass through and recoverable costs</b>	
<b>Pass through costs</b>	
Directly attributable	426
Not directly attributable	–
<b>Total attributable to regulated service</b>	426
<b>Recoverable costs</b>	
Directly attributable	12,431
Not directly attributable	–
<b>Total attributable to regulated service</b>	12,431

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

		(\$000)	
Change in cost allocation 1		CY-1	Current Year (CY)
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		CY-1	Current Year (CY)
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		CY-1	Current Year (CY)
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

For Year Ended

31 March 2018

**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
<b>Subtransmission lines</b>		
Directly attributable	7,954	
Not directly attributable	–	
<b>Total attributable to regulated service</b>	7,954	
<b>Subtransmission cables</b>		
Directly attributable	9,440	
Not directly attributable	–	
<b>Total attributable to regulated service</b>	9,440	
<b>Zone substations</b>		
Directly attributable	23,067	
Not directly attributable	–	
<b>Total attributable to regulated service</b>	23,067	
<b>Distribution and LV lines</b>		
Directly attributable	24,310	
Not directly attributable	–	
<b>Total attributable to regulated service</b>	24,310	
<b>Distribution and LV cables</b>		
Directly attributable	52,686	
Not directly attributable	–	
<b>Total attributable to regulated service</b>	52,686	
<b>Distribution substations and transformers</b>		
Directly attributable	23,458	
Not directly attributable	–	
<b>Total attributable to regulated service</b>	23,458	
<b>Distribution switchgear</b>		
Directly attributable	7,739	
Not directly attributable	–	
<b>Total attributable to regulated service</b>	7,739	
<b>Other network assets</b>		
Directly attributable	13,441	
Not directly attributable	–	
<b>Total attributable to regulated service</b>	13,441	
<b>Non-network assets</b>		
Directly attributable	3,427	
Not directly attributable	–	
<b>Total attributable to regulated service</b>	3,427	
<b>Regulated service asset value directly attributable</b>	165,522	
<b>Regulated service asset value not directly attributable</b>	–	
<b>Total closing RAB value</b>	165,522	

**51 5e(ii): Changes in Asset Allocations\* †**

			(\$000)	
			CY-1	Current Year (CY)
<b>Change in asset value allocation 1</b>				
Asset category	0	Original allocation	–	–
Original allocator or line items	0	New allocation	–	–
New allocator or line items	0	Difference	–	–
Rationale for change				
<b>Change in asset value allocation 2</b>				
Asset category		Original allocation	–	–
Original allocator or line items		New allocation	–	–
New allocator or line items		Difference	–	–
Rationale for change				
<b>Change in asset value allocation 3</b>				
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 2018

**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 2018

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

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

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

sch ref

37	<b>System operations and network support</b>										
38	all				100.00%					-	
39										-	
40										-	
41										-	
42	Not directly attributable							-	-	-	-
43	<b>Business support</b>										
44	all				100.00%					-	
45										-	
46										-	
47										-	
48	Not directly attributable							-	-	-	-
49											
50	Operating costs not directly attributable							-	-	-	-
51											
52	<b>Pass through and recoverable costs</b>										
53	<b>Pass through costs</b>										
54	all				100.00%					-	
55										-	
56										-	
57										-	
58	Not directly attributable							-	-	-	-
59	<b>Recoverable costs</b>										
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 2018

**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 2018

**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**

all	-	-	-	100.00%	-		-	-	-	-	
										-	
										-	
										-	

Not directly attributable

-	-	-	-	-	-	-
---	---	---	---	---	---	---

**Non-network assets**

all				100.00%						-	
										-	
										-	
										-	

Not directly attributable

-	-	-	-	-	-	-
---	---	---	---	---	---	---

Regulated service asset value not directly attributable

-	-	-	-	-	-	-
---	---	---	---	---	---	---

\* include additional rows if needed

Company Name

Network Tasman Limited

For Year Ended

31 March 2018

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

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

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

sch ref

7	<b>6a(i): Expenditure on Assets</b>		(\$000)	(\$000)
8	Consumer connection			661
9	System growth			1,242
10	Asset replacement and renewal			1,994
11	Asset relocations			867
12	Reliability, safety and environment:			
13	Quality of supply	378		
14	Legislative and regulatory	343		
15	Other reliability, safety and environment	46		
16	<b>Total reliability, safety and environment</b>			767
17	<b>Expenditure on network assets</b>			5,531
18	Expenditure on non-network assets			600
19				
20	<b>Expenditure on assets</b>			6,131
21	plus Cost of financing			—
22	less Value of capital contributions			372
23	plus Value of vested assets			149
24				
25	<b>Capital expenditure</b>			5,908
26	<b>6a(ii): Subcomponents of Expenditure on Assets (where known)</b>			(\$000)
27	Energy efficiency and demand side management, reduction of energy losses			—
28	Overhead to underground conversion			580
29	Research and development			—
30	<b>6a(iii): Consumer Connection</b>			
31	<i>Consumer types defined by EDB*</i>		(\$000)	(\$000)
32	Consumers 20kVA and less		244	
33	Consumers greater than 20kVA		417	
34			—	
35			—	
36			—	
37	<i>* include additional rows if needed</i>			
38	<b>Consumer connection expenditure</b>			661
39				
40	less Capital contributions funding consumer connection expenditure	16		
41	<b>Consumer connection less capital contributions</b>			645
42	<b>6a(iv): System Growth and Asset Replacement and Renewal</b>			
43				
44				
45	Subtransmission			16
46	Zone substations		285	212
47	Distribution and LV lines		37	1,219
48	Distribution and LV cables		255	57
49	Distribution substations and transformers		279	248
50	Distribution switchgear		252	181
51	Other network assets		134	61
52	<b>System growth and asset replacement and renewal expenditure</b>		1,242	1,994
53	less Capital contributions funding system growth and asset replacement and renewal		—	71
54	<b>System growth and asset replacement and renewal less capital contributions</b>		1,242	1,923
55				
56	<b>6a(v): Asset Relocations</b>			
57	<i>Project or programme*</i>		(\$000)	(\$000)
58		0	—	
59			—	
60			—	
61			—	
62			—	
63	<i>* include additional rows if needed</i>			
64	All other projects or programmes - asset relocations		867	
65	<b>Asset relocations expenditure</b>			867
66	less Capital contributions funding asset relocations		285	
67	<b>Asset relocations less capital contributions</b>			582

Company Name

Network Tasman Limited

For Year Ended

31 March 2018

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

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

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

sch ref

68						
69	<b>6a(vi): Quality of Supply</b>					
70	<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			378		
78	<b>Quality of supply expenditure</b>					378
79	less Capital contributions funding quality of supply			—		
80	<b>Quality of supply less capital contributions</b>					378
81	<b>6a(vii): Legislative and Regulatory</b>					
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			343		
90	<b>Legislative and regulatory expenditure</b>					343
91	less Capital contributions funding legislative and regulatory			—		
92	<b>Legislative and regulatory less capital contributions</b>					343
93	<b>6a(viii): Other Reliability, Safety and Environment</b>					
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			46		
102	<b>Other reliability, safety and environment expenditure</b>					46
103	less Capital contributions funding other reliability, safety and environment			—		
104	<b>Other reliability, safety and environment less capital contributions</b>					46
105						
106	<b>6a(ix): Non-Network Assets</b>					
107	<b>Routine expenditure</b>					
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			600		
116	<b>Routine expenditure</b>					600
117	<b>Atypical expenditure</b>					
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	<b>Atypical expenditure</b>					—
127						
128	<b>Expenditure on non-network assets</b>					600

Company Name **Network Tasman Limited**  
 For Year Ended **31 March 2018**

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

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

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

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

sch ref

		(\$000)	(\$000)
7	<b>6b(i): Operational Expenditure</b>		
8	Service interruptions and emergencies	1,169	
9	Vegetation management	948	
10	Routine and corrective maintenance and inspection	1,824	
11	Asset replacement and renewal	2,125	
12	<b>Network opex</b>		6,066
13	System operations and network support	2,052	
14	Business support	2,827	
15	<b>Non-network opex</b>		4,879
16			
17	<b>Operational expenditure</b>		10,945
18	<b>6b(ii): Subcomponents of Operational Expenditure (where known)</b>		
19	Energy efficiency and demand side management, reduction of energy losses		66
20	Direct billing*		–
21	Research and development		–
22	Insurance		279
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name	<b>Network Tasman Limited</b>
For Year Ended	<b>31 March 2018</b>

## 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	<b>7(i): Revenue</b>	<b>Target (\$000) <sup>1</sup></b>	<b>Actual (\$000)</b>	<b>% variance</b>
8	Line charge revenue	44,483	45,046	1%
9	<b>7(ii): Expenditure on Assets</b>	<b>Forecast (\$000) <sup>2</sup></b>	<b>Actual (\$000)</b>	<b>% variance</b>
10	Consumer connection	520	661	27%
11	System growth	3,107	1,242	(60%)
12	Asset replacement and renewal	2,903	1,994	(31%)
13	Asset relocations	640	867	35%
14	Reliability, safety and environment:			
15	Quality of supply	943	378	(60%)
16	Legislative and regulatory	420	343	(18%)
17	Other reliability, safety and environment	300	46	(85%)
18	<b>Total reliability, safety and environment</b>	<b>1,663</b>	<b>767</b>	<b>(54%)</b>
19	<b>Expenditure on network assets</b>	<b>8,833</b>	<b>5,531</b>	<b>(37%)</b>
20	Expenditure on non-network assets	520	600	15%
21	Expenditure on assets	9,353	6,131	(34%)
22	<b>7(iii): Operational Expenditure</b>			
23	Service interruptions and emergencies	1,061	1,169	10%
24	Vegetation management	990	948	(4%)
25	Routine and corrective maintenance and inspection	1,850	1,824	(1%)
26	Asset replacement and renewal	2,333	2,125	(9%)
27	<b>Network opex</b>	<b>6,234</b>	<b>6,066</b>	<b>(3%)</b>
28	System operations and network support	1,936	2,052	6%
29	Business support	2,987	2,827	(5%)
30	<b>Non-network opex</b>	<b>4,923</b>	<b>4,879</b>	<b>(1%)</b>
31	<b>Operational expenditure</b>	<b>11,157</b>	<b>10,945</b>	<b>(2%)</b>
32	<b>7(iv): Subcomponents of Expenditure on Assets (where known)</b>			
33	Energy efficiency and demand side management, reduction of energy losses	–	–	–
34	Overhead to underground conversion	640	580	(9%)
35	Research and development	–	–	–
36				
37	<b>7(v): Subcomponents of Operational Expenditure (where known)</b>			
38	Energy efficiency and demand side management, reduction of energy losses	55	66	20%
39	Direct billing	–	–	–
40	Research and development	–	–	–
41	Insurance	273	279	2%
42				
43	<sup>1</sup> From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination			
44	<sup>2</sup> From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)			

8	<b>8(i): Billed Quantities by Price Component</b>
---	---

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

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

**Billed quantities by price component**

**Billed quantities by price component**



**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**

							Price component	OSTL	OUNM	1ANY	1DAY	1NIT	1OPK	1WSR	2ANY	2DAY	2NIT
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.)	\$0.116/W/d ay	\$0.53 / day	9.15	10.07	3.05	7.12	4.22	8.07	8.89	2.68
0S	Unmetered Streetlamps	Standard	\$232	—	\$158	\$74		\$232	—	—	—	—	—	—	—	—	—
OUNM	Unmetered Supplies	Standard	\$16	—	\$11	\$5		—	\$16	—	—	—	—	—	—	—	—
1	15 kVA Capacity	Standard	\$21,308	—	\$14,627	\$6,681		\$4	—	\$16,397	\$220	\$123	\$50	\$2,528	\$1	—	—
2	20 - 150 kVA Capacity	Standard	\$9,685	—	\$7,017	\$2,668		\$3	—	\$15	—	\$1	—	—	\$5,465	\$1,529	\$205
2HLFC	Domestic low user, 20 or 30 kVA Capacity	Standard	\$1	—	\$1	—		—	—	—	—	—	—	—	—	—	—
2LLFC	Domestic low user, 40-150kVA Capacity	Standard	\$34	—	\$25	\$9		—	—	—	—	—	—	—	\$1	—	—
HLF	High Load Factor, 15-150kVA Capacity	Standard	\$726	—	\$558	\$168		—	—	\$4	—	—	—	—	—	—	—
31	Between 150 and 3000kVA	Standard	\$351	—	\$147	\$204		—	—	—	—	—	—	—	—	—	—
33	Between 150 and 3000kVA	Standard	\$426	—	\$261	\$165		—	—	—	—	—	—	—	—	—	—
34	Between 150 and 3000kVA	Standard	\$6,854	—	\$4,315	\$2,539		—	—	—	—	—	—	—	—	—	—
35	Between 150 and 3000kVA	Standard	\$625	—	\$370	\$255		—	—	—	—	—	—	—	—	—	—
6.1	> 3000,	Non-standard	\$2,128	—	\$216	\$1,912		—	—	—	—	—	—	—	—	—	—
6.2	> 3000,	Non-standard	\$564	—	\$232	\$332		—	—	—	—	—	—	—	—	—	—
NDL/New Connections	New Connections, NDL	Standard	\$436	—	\$436	—		—	—	—	—	—	—	—	—	—	—
Embedded generators	Cobb, Pupu etc	Non-standard	\$1,660	—	\$1,333	\$327		—	—	—	—	—	—	—	—	—	—
0	[Select one]		—	—	—	—		—	—	—	—	—	—	—	—	—	—
Add extra rows for additional consumer groups or price category codes as necessary																	
Standard consumer totals			\$40,694	—	\$27,926	\$12,768		\$239	\$16	\$16,416	\$220	\$124	\$50	\$2,528	\$5,467	\$1,529	\$205
Non-standard consumer totals			\$4,352	—	\$1,781	\$2,571		—	—	—	—	—	—	—	—	—	—
Total for all consumers			\$45,046	—	\$29,707	\$15,339		\$239	\$16	\$16,416	\$220	\$124	\$50	\$2,528	\$5,467	\$1,529	\$205

**8(iii): Number of ICPs directly billed**Check ☐ OK

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)	2OPK	2WSR	2LANY	2LDAY	2LNIT	2LOPK	2LWSR	2HANY	2HDAY	2HNIT	2HOPK	2HWSR	HLFANY	HLFDAY	HLFNIT	HLFOPK
			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
05	Unmetered Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Unmetered Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	20 - 150 kVA Capacity	Standard	289	3,333	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	Domestic low user, 20 or 30 kVA Capacity	Standard	–	–	–	–	–	–	–	9	–	–	–	–	4	–	–	–
2LLFC	Domestic low user, 40-150kVA Capacity	Standard	–	–	206	22	14	–	49	–	–	–	–	–	–	–	–	–
HLF	High Load Factor, 15-150kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	4,525	4,547	1,520	–
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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
-	-	[Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
-	-	[Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
-	-	[Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
-	-	[Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price category codes as necessary																		
Standard consumer totals			289	3,333	206	22	14	–	49	9	–	–	–	–	4	4,525	4,547	1,520
Non-standard consumer totals			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total for all consumers			289	3,333	206	22	14	–	49	9	–	–	–	–	4	4,525	4,547	1,520

**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)	2OPK	2WSR	2LANY	2LDAY	2LNIT	2LOPK	2LWSR	2HANY	2HDAY	2HNIT	2HOPK	2HWSR	HLFANY	HLFDAY	HLFNIT	HLFOPK
			6.3	3.73	12.11	12.93	6.72	10.34	7.77	16.83	17.65	11.44	15.06	12.49	2.27	2.47	0.71	1.77
0S	Unmetered Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Unmetered Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	20 - 150 kVA Capacity	Standard	\$18	\$125	\$2	–	–	–	–	–	–	–	–	\$1	\$1	–	–	–
2HLFC	Domestic low user, 20 or 30 kVA Capacity	Standard	–	–	–	–	–	–	–	\$1	–	–	–	–	–	–	–	–
2LLFC	Domestic low user, 40-150kVA Capacity	Standard	–	–	\$23	\$3	\$1	–	\$4	–	–	–	–	–	–	–	–	–
HLF	High Load Factor, 15-150kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	\$103	\$113	\$11	–
31	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
33	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
34	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
35	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NDL/New Connections	New Connections, NDL	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Embedded generators	Cobb, Pupu etc	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0	0	[Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price category codes as necessary																		
Standard consumer totals			\$18	\$125	\$25	\$3	\$1	–	\$4	\$1	–	–	–	–	\$1	\$104	\$113	\$11
Non-standard consumer totals			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total for all consumers			\$18	\$125	\$25	\$3	\$1	–	\$4	\$1	–	–	–	\$1	\$104	\$113	\$11	–

**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

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**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)	HLFWSR	GENA	1	2	2HLFC	2LLFC	HLF	AnyDem31	AnyDem33	AnyDem34	AnyDem35	RCPD	kVAr	SD31	SN31	WD31
			c/kWh	c/kWh	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
05	Unmetered Streetlamps	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0UNM	Unmetered Supplies	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	15 kVA Capacity	Standard	—	—	36,256	—	—	—	—	—	—	—	—	—	—	—	—	—
2	20 - 150 kVA Capacity	Standard	—	—	—	122,706	—	—	—	—	—	—	—	—	—	—	—	—
2HLFC	Domestic low user, 20 or 30 kVA Capacity	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2LLFC	Domestic low user, 40-150kVA Capacity	Standard	—	—	—	—	—	37	—	—	—	—	—	—	—	—	—	—
HLF	High Load Factor, 15-150kVA Capacity	Standard	34	—	—	—	—	—	3,403	—	—	—	—	—	—	—	—	—
31	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	2,432	—	—	—	1,541	—	3,969	1,667	3,107
33	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	—	2,335	—	—	1,210	—	—	—	—
34	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	—	—	43,489	—	17,789	194	—	—	—
35	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	—	—	—	3,739	1,856	—	—	—	—
6.1	> 3000,	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6.2	> 3000,	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CB	Cobb River Hydro	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-	-	[Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-	-	[Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-	-	[Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-	-	[Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Add extra rows for additional consumer groups or price category codes as necessary																		
Standard consumer totals			34	—	36,256	122,706	—	37	3,403	2,432	2,335	43,489	3,739	22,396	194	3,969	1,667	3,107
Non-standard consumer totals			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total for all consumers			34	—	36,256	122,706	—	37	3,403	2,432	2,335	43,489	3,739	22,396	194	3,969	1,667	3,107

**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)	HLFWSR	GENA	1	2	2HLFC	2LLFC	HLF	AnyDem31	AnyDem33	AnyDem34	AnyDem35	RCPD	kVAr	SD31	SN31	WD31
			1.02	0	15 c/day	5.18 c/kVA/day	15 c/day	15 c/day	39.85 c/kVA/day	12.39	15.02	15.8	15.02	33.96	25.45	0.44	0.24	0.79
05	Unmetered Streetlamps	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0UNM	Unmetered Supplies	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	15 kVA Capacity	Standard	—	—	\$1,985	—	—	—	—	—	—	—	—	—	—	—	—	—
2	20 - 150 kVA Capacity	Standard	—	—	—	\$2,320	—	—	—	—	—	—	—	—	—	—	—	—
2HLFC	Domestic low user, 20 or 30 kVA Capacity	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2LLFC	Domestic low user, 40-150kVA Capacity	Standard	—	—	—	—	—	\$2	—	—	—	—	—	—	—	—	—	—
HLF	High Load Factor, 15-150kVA Capacity	Standard	—	—	—	—	—	—	\$495	—	—	—	—	—	—	—	—	—
31	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	\$110	—	—	—	\$191	—	\$18	\$4	\$25
33	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	—	\$128	—	—	\$150	—	—	—	—
34	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	—	—	\$2,508	—	\$2,205	\$18	—	—	—
35	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	—	—	—	\$205	\$230	—	—	—	—
6.1	> 3000,	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6.2	> 3000,	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
NDL/New Connections	New Connections, NDL	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Embedded generators	Cobb, Pupu etc	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0		[Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Add extra rows for additional consumer groups or price category codes as necessary																		
Standard consumer totals			—	—	\$1,985	\$2,320	—	\$2	\$495	\$110	\$128	\$2,508	\$205	\$2,776	\$18	\$18	\$4	\$25
Non-standard consumer totals			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total for all consumers			—	—	\$1,985	\$2,320	—	\$2	\$495	\$110	\$128	\$2,508	\$205	\$2,776	\$18	\$18	\$4	\$25

**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)	WN31	SD33	SN33	WD33	WN33	SD34	SN34	WD34	WN34	SD35	SN35	WD35	WN35	6.1	6.2	NDL
			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	Annual	Annual	kVA=km
05	Unmetered Streetlamps	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0UNM	Unmetered Supplies	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	15 kVA Capacity	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	20 - 150 kVA Capacity	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2HLFC	Domestic low user, 20 or 30 kVA Capacity	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2LLFC	Domestic low user, 40-150kVA Capacity	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
HLF	High Load Factor, 15-150kVA Capacity	Standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Between 150 and 3000kVA	Standard	1,341	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Between 150 and 3000kVA	Standard	—	4,035	1,777	2,127	790	—	—	—	—	—	—	—	—	—	—	—
34	Between 150 and 3000kVA	Standard	—	—	—	—	—	47,000	16,763	36,469	13,067	—	—	—	—	—	—	—
35	Between 150 and 3000kVA	Standard	—	—	—	—	—	—	—	—	—	5,112	2,246	4,050	1,784	—	—	—
6.1	> 3000,	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6.2	> 3000,	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CB	Cobb River Hydro	Non-standard	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-	-	[Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30,302
-	-	[Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-	-	[Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-	-	[Select one]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Add extra rows for additional consumer groups or price category codes as necessary																		
Standard consumer totals			1,341	4,035	1,777	2,127	790	47,000	16,763	36,469	13,067	5,112	2,246	4,050	1,784	—	—	—
Non-standard consumer totals			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total for all consumers			1,341	4,035	1,777	2,127	790	47,000	16,763	36,469	13,067	5,112	2,246	4,050	1,784	—	—	—

**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)	WN31	SD33	SN33	WD33	WN33	SD34	SN34	WD34	WN34	SD35	SN35	WD35	WN35	6.1	6.2	NDL
			0.24	1.35	0.71	3.45	0.71	1.35	0.71	3.45	0.71	0.91	0.57	2.95	0.57	Annual	Annual	7.714143
05	Unmetered Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Unmetered Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	20 - 150 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	Domestic low user, 20 or 30 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	Domestic low user, 40-150kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HLF	High Load Factor, 15-150kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	Between 150 and 3000kVA	Standard	\$3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
33	Between 150 and 3000kVA	Standard	–	\$55	\$13	\$74	\$6	–	–	–	–	–	–	–	–	–	–	–
34	Between 150 and 3000kVA	Standard	–	–	–	–	–	\$639	\$121	\$1,269	\$94	–	–	–	–	–	–	–
35	Between 150 and 3000kVA	Standard	–	–	–	–	–	–	–	–	–	\$47	\$13	\$120	\$10	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	\$2,128	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	\$564	–
NDL/New Connections	New Connections, NDL	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	\$234
Embedded generators	Cobb, Pupu etc	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0	0	[Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price category codes as necessary																		
Standard consumer totals			\$3	\$55	\$13	\$74	\$6	\$639	\$121	\$1,269	\$94	\$47	\$13	\$120	\$10	–	–	\$234
Non-standard consumer totals			–	–	–	–	–	–	–	–	–	–	–	–	–	\$2,128	\$564	–
Total for all consumers			\$3	\$55	\$13	\$74	\$6	\$639	\$121	\$1,269	\$94	\$47	\$13	\$120	\$10	\$2,128	\$564	\$234

**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 2018

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**

columns for

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non- standard consumer group (specify)	NCA Admin G0	NCA Admin G1	NCA Admin G2	NCA Admin G3	CB	Standard DG Part1A	Standard DG Part1	DG >10kw <100kW
			New connection application	New connection application	New connection application	New connection application	Annual	Per application	Per application	Per application
05	Unmetered Streetlamps	Standard	—	—	—	—	—	—	—	—
0UNM	Unmetered Supplies	Standard	—	—	—	—	—	—	—	—
1	15 kVA Capacity	Standard	—	—	—	—	—	—	—	—
2	20 - 150 kVA Capacity	Standard	—	—	—	—	—	—	—	—
2HLFC	Domestic low user, 20 or 30 kVA Capacity	Standard	—	—	—	—	—	—	—	—
2LLFC	Domestic 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	—	—	—	—	1,653,826	—	—	—
-	-	[Select one]	—	661	52	12	—	163	—	2
-	-	[Select one]	—	—	—	—	—	—	—	—
-	-	[Select one]	—	—	—	—	—	—	—	—
-	-	[Select one]	—	—	—	—	—	—	—	—
Add extra rows for additional consumer groups or price category codes as necessary										
Standard consumer totals			—	—	—	—	—	—	—	—
Non-standard consumer totals			—	—	—	—	1,653,826	—	—	—
Total for all consumers			—	—	—	—	1,653,826	—	—	—



<b>SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES</b> 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			Company Name <b>Network Tasman Limited</b> For Year Ended <b>31 March 2018</b> Network / Sub-Network Name							
<b>8(ii): Line Charge Revenues (\$000) by Price Component</b>										
			NCA Admin G0	NCA Admin G1	NCA Admin G2	NCA Admin G3	CB	Standard DG Part1A	Standard DG Part1	DG >10kw <100kW
			125	250	325	400	Annual	100	200	500
Consumer group name or price category code			Consumer type or types (eg, residential, commercial etc.)		Standard or non- standard consumer group (specify)					
05	Unmetered Streetlamps	Standard	—	—	—	—	—	—	—	—
0UNM	Unmetered Supplies	Standard	—	—	—	—	—	—	—	—
1	15 kVA Capacity	Standard	—	—	—	—	—	—	—	—
2	20 - 150 kVA Capacity	Standard	—	—	—	—	—	—	—	—
2HLFC	Domestic low user, 20 or 30 kVA Capacity	Standard	—	—	—	—	—	—	—	—
2LLFC	Domestic 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 Connections, NDL	Standard	—	\$164	\$16	\$5	—	\$16	—	\$1
Embedded generators	Cobb, Pupu etc	Non-standard	—	—	—	—	\$1,660	—	—	—
0	0	[Select one]	—	—	—	—	—	—	—	—
Add extra rows for additional consumer groups or price category codes as necessary										
Standard consumer totals			—	\$164	\$16	\$5	—	\$16	—	\$1
Non-standard consumer totals			—	—	—	—	\$1,660	—	—	—
Total for all consumers			—	\$164	\$16	\$5	\$1,660	\$16	—	\$1
<b>8(iii): Number of ICPs directly billed</b>										
Number of directly billed ICPs at year end			7							

Company Name

Network Tasman Limited

For Year Ended

31 March 2018

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.	25,917	25,987	70 3
10	All	Overhead Line	Wood poles	No.	1,449	1,491	42 3
11	All	Overhead Line	Other pole types	No.	529	540	11 3
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	281	281	— 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	102	1 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.	20	20	— 4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	95	99	4 4
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	8	8	— 4
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	25	25	— 4
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,893	1,894	1 3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	—	—	— 3
37	HV	Distribution Line	SWER conductor	km	—	—	— 4
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	113	122	9 3
39	HV	Distribution Cable	Distribution UG PILC	km	135	135	— 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.	61	62	1 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.	1,266	1,279	13 3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	184	186	2 3
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	96	102	6 3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	3,815	3,817	2 3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	678	701	23 3
48	HV	Distribution Transformer	Voltage regulators	No.	11	11	— 4
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	26	25	(1) 4
50	LV	LV Line	LV OH Conductor	km	504	502	(2) 3
51	LV	LV Cable	LV UG Cable	km	613	629	16 3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	—	—	— 4
53	LV	Connections	OH/UG consumer service connections	No.	39,299	39,861	562 4
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	141	141	— 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	10	1 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

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

8	<b>Disclosure Year (year ended)</b>	31 March 2018
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### S9b.Asset Age Profile-1

**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 2018									
9	Voltage	Asset category	Asset class	Units	2016	2017	2018	No. with age unknown	Items at end of year	No. with default dates	Data accuracy (1-4)	
10	All	Overhead Line	Concrete poles / steel structure	No.	33	130	70	466	25,987	—	1	
11	All	Overhead Line	Wood poles	No.	—	8	42	235	1,491	—	1	
12	All	Overhead Line	Other pole types	No.	—	—	11	50	540	—	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.	—	—	1	35	102	—	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	—	4	—	99	—	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	8	—	1,894	—	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	9	—	122	—	2	
40	HV	Distribution Cable	Distribution UG PILC	km	—	—	—	—	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	1	—	62	—	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	13	848	1,279	—	2	
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	—	5	2	8	186	—	2	
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	—	4	6	69	102	—	2	
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	16	2	2	328	3,817	—	3	
48	HV	Distribution Transformer	Ground Mounted Transformer	No.	13	9	23	10	701	—	3	
49	HV	Distribution Transformer	Voltage regulators	No.	—	—	—	6	11	—	2	
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.	—	—	—	—	25	—	2	
51	LV	LV Line	LV OH Conductor	km	—	1	—	2	502	—	2	
52	LV	LV Cable	LV UG Cable	km	3	14	13	13	629	—	2	
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	—	—	—	—	—	—	2	
54	LV	Connections	OH/UG consumer service connections	No.	447	538	562	29,246	39,861	—	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	—	1	—	10	—	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 2018

Network / Sub-network Name

**SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES**

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

sch ref

9			
10	<b>Circuit length by operating voltage (at year end)</b>	<b>Overhead (km)</b>	<b>Underground (km)</b>
11	> 66kV	–	–
12	50kV & 66kV	158	–
13	33kV	123	30
14	SWER (all SWER voltages)	–	–
15	22kV (other than SWER)	113	13
16	6.6kV to 11kV (inclusive—other than SWER)	1,781	245
17	Low voltage (< 1kV)	502	629
18	<b>Total circuit length (for supply)</b>	<b>2,677</b>	<b>917</b>
19			
20	Dedicated street lighting circuit length (km)	–	–
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		18
22			
23	<b>Overhead circuit length by terrain (at year end)</b>	<b>Circuit length (km)</b>	<b>(% of total overhead length)</b>
24	Urban	188	7%
25	Rural	2,294	86%
26	Remote only	70	3%
27	Rugged only	118	4%
28	Remote and rugged	8	0%
29	Unallocated overhead lines	–	–
30	<b>Total overhead length</b>	<b>2,677</b>	<b>100%</b>
31			
32		<b>Circuit length (km)</b>	<b>(% of total circuit length)</b>
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,671	46%
34		<b>Circuit length (km)</b>	<b>(% of total overhead length)</b>
35	Overhead circuit requiring vegetation management	2,667	100%

Company Name	Network Tasman Limited
For Year Ended	31 March 2018

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

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

sch ref

		Number of ICPs served	Line charge revenue (\$000)
8	Location *		
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 2018

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)

616
26

642

**Distributed generation**

Number of connections made in year

Capacity of distributed generation installed in year

150 connections

0.58 MVA

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

GXP demand

plus Distributed generation output at HV and above

Maximum coincident system demand

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

Demand on system for supply to consumers' connection points

Demand at time  
of maximum  
coincident  
demand (MW)

107
32
139
19
120

**Electricity volumes carried**

Electricity supplied from GXPs

less Electricity exports to GXPs

plus Electricity supplied from distributed generation

less Net electricity supplied to (from) other EDBs

Electricity entering system for supply to consumers' connection points

less Total energy delivered to ICPs

Electricity losses (loss ratio)

Load factor

Energy (GWh)

627
78
206
94
661
617
43

6.6%

0.63

**9e(iii): Transformer Capacity**

Distribution transformer capacity (EDB owned)

Distribution transformer capacity (Non-EDB owned, estimated)

Total distribution transformer capacity

Zone substation transformer capacity

(MVA)

410
44
454
381

Company Name **Network Tasman Limited**For Year Ended **31 March 2018**

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)

2
147
126
4
–
–
–
–
–
279

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

Class C interruptions restored within

85	41
----	----

**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)

0.05	16.5
0.28	71.4
1.03	160.7
1.60	237.8
–	–
–	–
–	–
–	–
–	–
2.96	486.3

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

Classes B &amp; C (interruptions on the network)

1.27	191.3
------	-------

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

SAIFI and SAIDI limits applicable to disclosure year\*

1.57	148.3
------	-------

\* not applicable to exempt EDBs



Company Name **Network Tasman Limited**For Year Ended **31 March 2018**

Network / Sub-network Name

**SCHEDULE 10: REPORT ON NETWORK RELIABILITY**

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

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

Lightning	0.00	0.1
Vegetation	0.01	1.1
Adverse weather	0.46	108.0
Adverse environment	—	—
Third party interference	0.05	5.8
Wildlife	0.02	1.8
Human error	0.01	0.1
Defective equipment	0.26	26.3
Cause unknown	0.22	17.5

**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)	0.23	66.3
Distribution cables (excluding LV)	0.03	3.8
Distribution other (excluding LV)	0.03	1.3

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

Subtransmission lines	0.31	28.4
Subtransmission cables	—	—
Subtransmission other	0.02	4.7
Distribution lines (excluding LV)	0.55	114.5
Distribution cables (excluding LV)	0.12	10.4
Distribution other (excluding LV)	0.03	2.6

**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	1		
Distribution lines (excluding LV)	102	1,894	5.39
Distribution cables (excluding LV)	12	257	4.67
Distribution other (excluding LV)	7		
<b>Total</b>	<b>126</b>		

Company Name	Network Tasman Limited
For Year Ended	31 March 2018

## 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 \$85,000.

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

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 2017</i>	<i>Category 2018</i>	<i>\$000</i>	<i>Explanation</i>
Distribution & LV Lines	Distribution & LV Cable	2	Cable expenditure was incorrectly classified as Line.
Other Network Assets	Zone Substations	120	Zone Substation switchgear was incorrectly classified as Other Network Assets
		<u>122</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 \$133,000 @28% = \$37,000 and

Movement in provisions temporary difference -\$147,000 @28% = \$-41,000

Making temporary differences of \$-4,000.

*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 \$19,000.

*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. These assets have been fully depreciated in the 2017/18 year so there is now no difference in the allocated and unallocated RAB.

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, 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 replaced 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 higher than expected customer growth.
- System growth is significantly below target principally due a delay with the 23MVA 66/11kV Transformers project due to a manufacturing error resulting in the transformers being returned for correction.
- Asset replacement and renewal is below target due to some of the major projects being delayed. The 35mm PILC HV Cable Replacement project has been delayed as further cable condition information has come to hand requiring further research. The Motupipi Substation Upgrade has been delayed as the resources are required for the higher priority new Wakapuaka Substation. The HV Conductor Replacement project was delayed due to planning and gearing up for the work taking longer than expected.
- Asset relocations are above target with an unbudgeted undergrounding project arising from NZTA requirements. A matching customer contribution was received for this project.
- Reliability, safety and environment – quality of supply is below target with some projects delayed until the next financial year. The 1MVA Generator Replacement was delayed as more design for the replacement generator was required. The 33kV CB's Swamp Road Substation project was delayed due to resources being reprioritised.
- Reliability, safety and environment – legislative and regulatory is a 18% under budget with a portion of the main project being completed in the beginning of the next financial year.
- Other reliability, safety and environment is below target due to a \$140,000 project being cancelled and the transformer bunding project being delayed until the following year. This is underway now.
- The expenditure on non-network assets is above target due to unbudgeted office refurbishment brought about by increasing staff numbers.

**Box 12: Explanatory comment on variance in actual to forecast expenditure - continued**

**Operational Expenditure**

- Service interruptions and emergencies costs are more than target due to repairs required from ex-cyclones Fehi and Gita.
- Vegetation management is below target with slightly less vegetation expenditure than anticipated.
- Routine and corrective maintenance and inspection costs are close to target.
- Asset replacement and renewal expenditure is less than target as this work required less resourcing than anticipated due to being concentrated closer to the main depot than in previous years.
- Non-network expenditure is close to target.

*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 (1%). Revenue is above target as there are more ICPs connected during the year, and more customers than expected on high rate tariffs.

*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 232 minutes against a target of 150 minutes (186 minutes in 2016/17). The target is made of 75 minutes for unplanned outages and 75 minutes for planned outages.

Planned outage SAIDI was below target at 71 minutes.

Unplanned outage SAIDI was impacted by ex-cyclones Fehi and Gita that occurred in February 2018. These events caused 18 and 85 SAIDI minutes respectively. Without these events, unplanned SAIDI would have been well below target at 58 minutes. 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**

Network Tasman Ltd had material damage cover for all zone sub-stations – buildings and associated equipment but does not insure the wider distribution network. In addition Network Tasman Ltd 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, other than in the 2017 Information Disclosure Sch 4 where the asset lives should have been -

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

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

This amendment was noted on the 2017 Information Disclosures on the Network Tasman Ltd website.

Company Name	Network Tasman Limited
For Year Ended	31 March 2018

## **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 2019 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 2019 year.

Company Name	Network Tasman Limited
For Year Ended	31 March 2018

## 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 33kW/km.

Demand density	33
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**2(i): Return on Investment** - Line discounts of \$10.5 million are excluded from the regulatory profit and therefore also the ROI. If these discounts had been included, the ROI would have been 3.43% instead of 9.29%.

# networktasman

Your consumer-owned electricity distributor

**Network Tasman Limited**

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Richmond 7050  
Nelson, New Zealand

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

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

## Certification for Year-beginning Disclosures

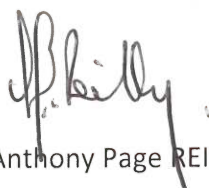
### Clause 2.9.1

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

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



Michael John MCCLISKIE



Anthony Page REILLY

31 August 2018

# networktasman

Your consumer-owned electricity distributor

**Network Tasman Limited**

52 Main Road, Hope 7020  
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Website: [www.networktasman.co.nz](http://www.networktasman.co.nz)

## Certification for Year-end Disclosures

### Clause 2.9.2

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

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

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

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



Michael John MCCLISKIE



Anthony Page REILLY

31 August 2018

## Independent Assurance Report

### To the directors of Network Tasman Limited and 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 his 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 2018, 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* 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.

## **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 his 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 and its subsidiaries. Other than any dealings on normal terms within the ordinary course of business, this engagement, the customised price path assurance engagement, and the annual audit of the company's and its subsidiaries' 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.

A handwritten signature in dark ink, reading "Ian Lothian". The signature is fluid and cursive, with the first name "Ian" and last name "Lothian" clearly distinguishable.

Ian Lothian  
Audit New Zealand  
On behalf of the Auditor-General  
Christchurch, New Zealand  
31 August 2018