EDB Information Disclosure Requirements

Information Templates

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Company Name	Network Tasman Limited
Disclosure Date	31 August 2020
Disclosure Year (year ended)	31 March 2020

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Template Version 4.1. Prepared 21 December 2017

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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, 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 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

sch ref

1(i): Expenditure metrics

	Expenditure per GWh energy delivered to ICPs ($/GWh)	Expenditure per average no. of ICPs ($/ICP)	Expenditure per MW maximum coincident system demand ($/MW)	Expenditure per km circuit length ($/km)	Expenditure per MVA of capacity from EDB owned distribution transformers ($/MVA)
Operational expenditure	18,152	279	91,094	3,085	25,931
Network	10,104	155	50,706	1,717	14,434
Non-network	8,048	124	40,388	1,368	11,497
Expenditure on assets	19,553	300	98,127	3,323	27,933
Network	18,630	286	93,495	3,166	26,615
Non-network	923	14	4,632	157	1,319

1(ii): Revenue metrics

	Revenue per GW energy delivered to ICPs ($/GWh)	Revenue per average no. of ICPs ($/ICP)
Total consumer line charge revenue	54,955	844
Standard consumer line charge revenue	58,096	742
Non-standard consumer line charge revenue	39,457	1,028,626

1(iii): Service intensity measures

Demand density	39	*Maximum coincident system demand per km of circuit length (for supply) (kW/km)*
Volume density	170	*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	15,359	*Total energy delivered to ICPs per average number of ICPs (kWh/ICP)*

1(iv): Composition of regulatory income

	($000)	% of revenue
Operational expenditure	11,230	33.09%
Pass-through and recoverable costs excluding financial incentives and wash-ups	10,919	32.17%
Total depreciation	6,984	20.58%
Total revaluations	4,187	12.33%
Regulatory tax allowance	1,752	5.16%
Regulatory profit/(loss) including financial incentives and wash-ups	7,244	21.34%
Total regulatory income	33,942	

1(v): Reliability

Interruption rate	7.99	*Interruptions per 100 circuit km*

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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.
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 must be provided in 2(iii).
EDBs must provide explanatory comment on their ROI 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.

2(i): Return on Investment

sch ref		CY-2 31 Mar 18 %	CY-1 31 Mar 19 %	Current Year CY 31 Mar 20 %
9	ZK/ t }u‰ Œ o š} ‰}•š š Æ t			
10	Reflecting all revenue earned	8.70%	3.35%	3.91%
11	Excluding revenue earned from financial incentives	6.75%	1.42%	2.21%
12	Excluding revenue earned from financial incentives and was	6.88%	1.55%	2.34%
13				
14	Mid-point estimate of post tax WACC	5.04%	4.75%	4.27%
15	25th percentile estimate	4.36%	4.07%	3.59%
16	75th percentile estimate	5.72%	5.43%	4.95%
17				
18				
19	ZK/ t }u‰ Œ o š} À v]oo t			
20	Reflecting all revenue earned	9.29%	3.86%	4.33%
21	Excluding revenue earned from financial incentives	7.35%	1.93%	2.63%
22	Excluding revenue earned from financial incentives and was	7.47%	2.06%	2.77%
23				
24	WACC rate used to set regulatory price path	7.19%	7.19%	4.57%
25				
26	Mid-point estimate of vanilla WACC	5.60%	5.26%	4.69%
27	25th percentile estimate	4.92%	4.58%	4.01%
28	75th percentile estimate	6.29%	5.94%	5.37%
29				

2(ii): Information Supporting the ROI

			($000)	
32		Total opening RAB value	165,472	
33	*plus*	Opening deferred tax	(2,018)	
34	Opening RIV			163,454
35				
36	Line charge revenue			33,999
37				
38		Expenses cash outflow	22,149	
39	*add*	Assets commissioned	12,075	
40	*less*	Asset disposals	332	
41	*add*	Tax payments	1,296	
42	*less*	Other regulated income	(57)	
43	Mid-year net cash outflows			35,245
44				
45	Term credit spread differential allowance			–
46				
47		Total closing RAB value	174,395	
48	*less*	Adjustment resulting from asset allocation	(23)	
49	*less*	Lost and found assets adjustment	–	
50	*plus*	Closing deferred tax	(2,475)	
51	Closing RIV			171,943
52				
53	ZK/ t }u‰ Œ o š} À v]oo t			4.33%
54				
55		Leverage (%)		42%
56		Cost of debt assumption (%)		3.61%
57		Corporate tax rate (%)		28%
58				
59	ZK/ t }u‰ Œ o š} %			3.91%
60				

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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. 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 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

63	Opening RIV	N/A

		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
67	April						–
68	May						–
69	June						–
70	July						–
71	August						–
72	September						–
73	October						–
74	November						–
75	December						–
76	January						–
77	February						–
78	March						–
79	Total	–	–	–	–	–	–

81	Tax payments	N/A
83	Term credit spread differential allowance	N/A
85	Closing RIV	N/A
88	D}všZoÇ ZK/t }u‰ Œ o š} À v]oo t	N/A
90	D}všZoÇ ZK/t }u‰ Œ o š} ‰}•š š Æ t	N/A

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

94	z Œr v ZK/t }u‰ Œ o š} À v]oo t	2.15%
96	z Œr v ZK/t }u‰ Œ o š} ‰}•š š Æ t	1.73%

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

2(v): Financial Incentives and Wash-Ups

102	Net recoverable costs allowed under incremental rolling incentive scheme	–	
103	Purchased assets – avoided transmission charge	3,906	
104	Energy efficiency and demand incentive allowance		
105	Quality incentive adjustment	–	
106	Other financial incentives	–	
107	Financial incentives		3,906
109	Impact of financial incentives on ROI		1.70%
111	Input methodology claw-back	–	
112	CPP application recoverable costs	–	
113	Catastrophic event allowance	–	
114	Capex wash-up adjustment	(306)	
115	Transmission asset wash-up adjustment	–	
116	2013–15 NPV wash-up allowance	–	
117	Reconsideration event allowance	–	
118	Other wash-ups	–	
119	Wash-up costs		(306)
121	Impact of wash-up costs on ROI		–0.13%

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 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

sch ref				
7	**3(i): Regulatory Profit**			($000)
8		Income		
9		Line charge revenue		33,999
10	*plus*	Gains / (losses) on asset disposals		(189)
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)		132
12				
13		Total regulatory income		33,942
14		Expenses		
15	*less*	Operational expenditure		11,230
16				
17	*less*	Pass-through and recoverable costs excluding financial incentives and wash-ups		10,919
18				
19		Operating surplus / (deficit)		11,793
20				
21	*less*	Total depreciation		6,984
22				
23	*plus*	Total revaluations		4,187
24				
25		Regulatory profit / (loss) before tax		8,996
26				
27	*less*	Term credit spread differential allowance		–
28				
29	*less*	Regulatory tax allowance		1,752
30				
31		Regulatory profit/(loss) including financial incentives and wash-ups		7,244
32				
33	**3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups**		($000)	
34		Pass through costs		
35		Rates	169	
36		Commerce Act levies	101	
37		Industry levies	130	
38		CPP specified pass through costs	–	
39		Recoverable costs excluding financial incentives and wash-ups		
40		Electricity lines service charge payable to Transpower	8,835	
41		Transpower new investment contract charges	121	
42		System operator services	–	
43		Distributed generation allowance	1,563	
44		Extended reserves allowance	–	
45		Other recoverable costs excluding financial incentives and wash-ups	–	
46		Pass-through and recoverable costs excluding financial incentives and wash-ups		10,919
47				

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).
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sch ref

3(iii): Incremental Rolling Incentive Scheme

($000)

		CY-1 31 Mar 19	CY 31 Mar 20
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
57	CY-5	31 Mar 15	–	–
58	CY-4	31 Mar 16	–	–
59	CY-3	31 Mar 17	–	–
60	CY-2	31 Mar 18	–	–
61	CY-1	31 Mar 19	–	–
62	Net incremental rolling incentive scheme			–
63				
64	Net recoverable costs allowed under incremental rolling incentive scheme			–

3(iv): Merger and Acquisition Expenditure

($000)

66	Merger and acquisition expenditure	–
67		
68	*Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)*	

3(v): Other Disclosures

($000)

71	Self-insurance allowance	–

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 assu
required by section 2.8.

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)

		for year ended	RAB 31 Mar 16 ($000)	RAB 31 Mar 17 ($000)	RAB 31 Mar 18 ($000)	RAB 31 Mar 19 ($000)	RAB 31 Mar 20 ($000)
10	Total opening RAB value		161,816	163,098	164,637	165,522	165,472
12	*less* Total depreciation		6,937	6,779	6,954	6,807	6,984
14	*plus* Total revaluations		948	3,531	1,808	2,452	4,187
16	*plus* Assets commissioned		7,777	5,612	6,386	6,557	12,075
18	*less* Asset disposals		506	825	355	393	332
20	*plus* Lost and found assets adjustment		–	–	–	–	–
22	*plus* Adjustment resulting from asset allocation		0	–	–	(1,859)	(23)
24	Total closing RAB value		163,098	164,637	165,522	165,472	174,395

4(ii): Unallocated Regulatory Asset Base

		Unallocated RAB * ($000)	Unallocated RAB * ($000)	RAB ($000)	RAB ($000)
29	Total opening RAB value		167,285		165,472
31	*less* Total depreciation		7,154		6,984
33	*plus* Total revaluations		4,232		4,187
35	*plus* Assets commissioned (other than below)	12,298		12,075	
36	Assets acquired from a regulated supplier	–		–	
37	Assets acquired from a related party	–		–	
38	Assets commissioned		12,298		12,075
40	*less* Asset disposals (other than below)	338		332	
41	Asset disposals to a regulated supplier	–		–	
42	Asset disposals to a related party	–		–	
43	Asset disposals		338		332
45	*plus* Lost and found assets adjustment		–		–
47	*plus* Adjustment resulting from asset allocation				(23)
49	Total closing RAB value		176,323		174,395

** 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 2020

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 assu
required by section 2.8.

sch ref

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

	CPI_4	1,052
	CPI_4^{-4}	1,026
	Revaluation rate (%)	2.53%

		Unallocated RAB *		RAB	
		($000)	($000)	($000)	($000)
	Total opening RAB value	167,285		165,472	
less	Opening value of fully depreciated, disposed and lost assets	266		263	
	Total opening RAB value subject to revaluation	167,019		165,209	
	Total revaluations		4,232		4,187

4(iv): Roll Forward of Works Under Construction

		Unallocated works under construction		Allocated works under construction	
	t } Œ l • µ v Œ } v • š Œ µ š] } v v ‰ Œ] v P] • o } • µ Œ Ç Œ		5,731		5,729
plus	Capital expenditure	12,492		12,492	
less	Assets commissioned	12,298		12,075	
plus	Adjustment resulting from asset allocation			(119)	
	Works under construction - current disclosure year		5,925		6,027
	Highest rate of capitalised finance applied				–

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 assu
required by section 2.8.

sch ref

4(v): Regulatory Depreciation

		Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
79	Depreciation - standard	6,802		6,707	
80	Depreciation - no standard life assets	352		277	
81	Depreciation - modified life assets	–		–	
82	Depreciation - alternative depreciation in accordance with CPP	–		–	
83	Total depreciation		7,154		6,984

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 valu under 'non-standard' depreciation	Closing RAB valu under 'standard' depreciation
87					
88					
89					
90					
91					
92					
93					
94					

** 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	
99	Total opening RAB value	7,921	9,335	23,170	24,737	52,833	23,806	8,301	12,154	3,215	165,472	
100	*less* Total depreciation	281	200	751	1,864	1,503	1,105	369	627	284	6,984	
101	*plus* Total revaluations	200	237	587	626	1,339	603	210	306	79	4,187	
102	*plus* Assets commissioned	229	–	2,813	2,339	2,376	2,178	1,383	123	634	12,075	
103	*less* Asset disposals	7	1	1	115	38	113	–	11	46	332	
104	*plus* Lost and found assets adjustment	–	–	–	–	–	–	–	–	–	–	
105	*plus* Adjustment resulting from asset allocation	–	–	–	(11)	–	–	–	32	(44)	(23)	
106	*plus* Asset category transfers	–	–	–	–	–	–	–	–	–	–	
107	Total closing RAB value	8,062	9,371	25,818	25,712	55,007	25,369	9,525	11,977	3,554	174,395	
108												
109	Asset Life											
110	Weighted average remaining asset life	38.0	46.8	27.9	38.6	44.7	36.3	34.7	16.8	23.6		(years)
111	Weighted average expected total asset life	59.3	56.3	40.4	63.8	61.4	55.4	46.1	33.9	29.9		(years)

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

SCHEDULE 5a: REPORT ON REGULATORY TAX ALL

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (r 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 b

sch ref					
7		**5a(i): Regulatory Tax Allowance**			($000)
8		Regulatory profit / (loss) before tax			8,996
9					
10	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	–	*	
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	30	*	
12		Amortisation of initial differences in asset values	3,239		
13		Amortisation of revaluations	613		
14					3,882
15					
16	*less*	Total revaluations	4,187		
17		Income included in regulatory profit / (loss) before tax but not taxable	–	*	
18		Discretionary discounts and customer rebates	–		
19		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	–	*	
20		Notional deductible interest	2,435		
21					6,621
22					
23		Regulatory taxable income			6,256
24					
25	*less*	Utilised tax losses	–		
26		Regulatory net taxable income			6,256
27					
28		Corporate tax rate (%)	28%		
29		Regulatory tax allowance			1,752
30					
31	*	Workings to be provided in Schedule 14			
32		**5a(ii): Disclosure of Permanent Differences**			
33		In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).			
34		**5a(iii): Amortisation of Initial Difference in Asset Values**			($000)
35					
36		Opening unamortised initial differences in asset values	78,895		
37	*less*	Amortisation of initial differences in asset values	3,239		
38	*plus*	Adjustment for unamortised initial differences in assets acquired	–		
39	*less*	Adjustment for unamortised initial differences in assets disposed	7		
40		Closing unamortised initial differences in asset values			75,649
41					
42		Opening weighted average remaining useful life of relevant assets (years)			24
43					

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

SCHEDULE 5a: REPORT ON REGULATORY TAX ALL

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (r profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).
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sch ref				
44	**5a(iv): Amortisation of Revaluations**			($000)
45				
46		Opening sum of RAB values without revaluations	150,346	
47				
48		Adjusted depreciation	6,371	
49		Total depreciation	6,984	
50		Amortisation of revaluations		613
51				
52	**5a(v): Reconciliation of Tax Losses**			($000)
53				
54		Opening tax losses	–	
55	*plus*	Current period tax losses	–	
56	*less*	Utilised tax losses	–	
57		Closing tax losses		–
58	**5a(vi): Calculation of Deferred Tax Balance**			($000)
59				
60		Opening deferred tax	(2,018)	
61				
62	*plus*	Tax effect of adjusted depreciation	1,784	
63				
64	*less*	Tax effect of tax depreciation	1,513	
65				
66	*plus*	Tax effect of other temporary differences*	76	
67				
68	*less*	Tax effect of amortisation of initial differences in asset values	907	
69				
70	*plus*	Deferred tax balance relating to assets acquired in the disclosure year	–	
71				
72	*less*	Deferred tax balance relating to assets disposed in the disclosure year	(72)	
73				
74	*plus*	Deferred tax cost allocation adjustment	33	
75				
76		Closing deferred tax		(2,475)
77				
78	**5a(vii): Disclosure of Temporary Differences**			
79		*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).*		
80				
81	**5a(viii): Regulatory Tax Asset Base Roll-Forward**			
82				($000)
83		Opening sum of regulatory tax asset values	62,879	
84	*less*	Tax depreciation	5,405	
85	*plus*	Regulatory tax asset value of assets commissioned	12,281	
86	*less*	Regulatory tax asset value of asset disposals	75	
87	*plus*	Lost and found assets adjustment	–	
88	*plus*	Adjustment resulting from asset allocation	94	
89	*plus*	Other adjustments to the RAB tax value	–	
90		Closing sum of regulatory tax asset values		69,774

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

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

sch ref		($000)	($000)
7	ñ ~] • W ^ µ u u Œ Ç v Z o š W Œ š Ç d Œ v • š] } v •		
8	Total regulatory income		78
9			
10	Market value of asset disposals		–
11			
12	Service interruptions and emergencies	–	
13	Vegetation management	–	
14	Routine and corrective maintenance and inspection	–	
15	Asset replacement and renewal (opex)	–	
16	Network opex		–
17	Business support	–	
18	System operations and network support	–	
19	Operational expenditure		–
20	Consumer connection	–	
21	System growth	–	
22	Asset replacement and renewal (capex)	–	
23	Asset relocations	–	
24	Quality of supply	–	
25	Legislative and regulatory	–	
26	Other reliability, safety and environment	–	
27	Expenditure on non-network assets		–
28	Expenditure on assets		–
29	Cost of financing		–
30	Value of capital contributions		–
31	Value of vested assets		–
32	Capital Expenditure		–
33	Total expenditure		–
34			
35	Other related party transactions		–

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

37	Name of related party	Nature of opex or capex servic provided	Total value of transactions ($000)
38		[Select one]	-
39		[Select one]	-
40		[Select one]	-
41		[Select one]	-
42		[Select one]	-
43		[Select one]	-
44		[Select one]	-
45		[Select one]	-
46		[Select one]	-
47		[Select one]	-
48		[Select one]	-
49		[Select one]	-
50		[Select one]	-
51		[Select one]	-
52		[Select one]	-
53	Total value of related party transactions		–
54	** include additional rows if needed*		
55			

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 Differenc	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	42%	
Average opening and closing RAB values		
Attribution Rate (%)		–
Term credit spread differential allowance		–

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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

sch ref

5d(i): Operating Cost Allocations

	Value allocated ($000s)				
	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase ($000s)
Service interruptions and emergencies					
Directly attributable		1,114			
Not directly attributable	–	–	–	–	–
Total attributable to regulated service		1,114			
Vegetation management					
Directly attributable		1,132			
Not directly attributable	–	–	–	–	–
Total attributable to regulated service		1,132			
Routine and corrective maintenance and inspection					
Directly attributable		2,332			
Not directly attributable	–	–	–	–	–
Total attributable to regulated service		2,332			
Asset replacement and renewal					
Directly attributable		1,673			
Not directly attributable	–	–	–	–	–
Total attributable to regulated service		1,673			
System operations and network support					
Directly attributable		2,728			
Not directly attributable	–	–	–	–	–
Total attributable to regulated service		2,728			
Business support					
Directly attributable		599			
Not directly attributable	–	1,652	846	2,498	–
Total attributable to regulated service		2,251			
Operating costs directly attributable		9,578			
Operating costs not directly attributable	–	1,652	846	2,498	–
Operational expenditure		11,230			

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 reclassifi
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(ii): Other Cost Allocations

	($000)
Pass through and recoverable costs	
Pass through costs	
Directly attributable	397
Not directly attributable	2
Total attributable to regulated service	399
Recoverable costs	
Directly attributable	10,519
Not directly attributable	–
Total attributable to regulated service	10,519

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Change in cost allocation 1

		($000) CY-1	($000) 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

		($000) CY-1	($000) 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

		($000) CY-1	($000) 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 2020

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

sch ref

5e(i): Regulated Service Asset Values

	Value allocated ($000s) Electricity distribution services
Subtransmission lines	
Directly attributable	8,062
Not directly attributable	–
Total attributable to regulated service	8,062
Subtransmission cables	
Directly attributable	9,371
Not directly attributable	–
Total attributable to regulated service	9,371
Zone substations	
Directly attributable	25,818
Not directly attributable	–
Total attributable to regulated service	25,818
Distribution and LV lines	
Directly attributable	24,110
Not directly attributable	1,602
Total attributable to regulated service	25,712
Distribution and LV cables	
Directly attributable	55,007
Not directly attributable	–
Total attributable to regulated service	55,007
Distribution substations and transformers	
Directly attributable	25,369
Not directly attributable	–
Total attributable to regulated service	25,369
Distribution switchgear	
Directly attributable	9,525
Not directly attributable	–
Total attributable to regulated service	9,525
Other network assets	
Directly attributable	11,906
Not directly attributable	71
Total attributable to regulated service	11,977
Non-network assets	
Directly attributable	1,001
Not directly attributable	2,553
Total attributable to regulated service	3,554
Regulated service asset value directly attributable	170,169
Regulated service asset value not directly attributable	4,226
Total closing RAB value	174,395

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($000)

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

($000)

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

($000)

Change in asset value allocation 3			CY-1	Current Year (CY)
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 compor*
† include additional rows if needed

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 r
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 sectio

sch ref

6a(i): Expenditure on Assets

			($000)	($000)
8		Consumer connection		935
9		System growth		3,436
10		Asset replacement and renewal		3,013
11		Asset relocations		644
12		Reliability, safety and environment:		
13		Quality of supply	2,881	
14		Legislative and regulatory	262	
15		Other reliability, safety and environment	355	
16		Total reliability, safety and environment		3,498
17		Expenditure on network assets		11,526
18		Expenditure on non-network assets		571
19				
20		Expenditure on assets		12,097
21	*plus*	Cost of financing		–
22	*less*	Value of capital contributions		58
23	*plus*	Value of vested assets		453
24				
25		Capital expenditure		12,492

6a(ii): Subcomponents of Expenditure on Assets (where known)

			($000)
27		Energy efficiency and demand side management, reduction of energy losses	26
28		Overhead to underground conversion	611
29		Research and development	26

6a(iii): Consumer Connection

		*Consumer types defined by EDB**	($000)	($000)
32		Consumers 20kVA and less	261	
33		Consumers greater than 20kVA	674	
34		–	–	
35		–	–	
36		–	–	
37		** include additional rows if needed*		
38		Consumer connection expenditure		935
39				
40	*less*	Capital contributions funding consumer connection expenditure	11	
41		Consumer connection less capital contributions		924

6a(iv): System Growth and Asset Replacement and Renewal

			System Growth ($000)	Asset Replacement and Renewal ($000)
45		Subtransmission	803	195
46		Zone substations	40	1,985
47		Distribution and LV lines	849	4
48		Distribution and LV cables	320	480
49		Distribution substations and transformers	338	127
50		Distribution switchgear	7	117
51		Other network assets	1,079	105
52		System growth and asset replacement and renewal expenditure	3,436	3,013
53	*less*	Capital contributions funding system growth and asset replacement and renewal	–	36
54		System growth and asset replacement and renewal less capital contributions	3,436	2,977
55				

6a(v): Asset Relocations

		*Project or programme**	($000)	($000)
58		–	–	
59		–	–	
60		–	–	
61		–	–	
62		–	–	
63		** include additional rows if needed*		
64		All other projects or programmes - asset relocations	644	
65		Asset relocations expenditure		644
66	*less*	Capital contributions funding asset relocations	11	
67		Asset relocations less capital contributions		633

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 r
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 sectio

sch ref

6a(vi): Quality of Supply

	*Project or programme**	($000)	($000)
	Pole improvements	107	
	Feeder & interconnection cables or lines	2,268	
	Switches	189	
	–	–	
	–	–	
	** include additional rows if needed*		
	All other projects programmes - quality of supply	317	
	Quality of supply expenditure		2,881
less	Capital contributions funding quality of supply	–	
	Quality of supply less capital contributions		2,881

6a(vii): Legislative and Regulatory

	*Project or programme**	($000)	($000)
	–	–	
	–	–	
	–	–	
	–	–	
	–	–	
	** include additional rows if needed*		
	All other projects or programmes - legislative and regulatory	262	
	Legislative and regulatory expenditure		262
less	Capital contributions funding legislative and regulatory	–	
	Legislative and regulatory less capital contributions		262

6a(viii): Other Reliability, Safety and Environment

	*Project or programme**	($000)	($000)
	–	–	
	–	–	
	–	–	
	–	–	
	–	–	
	** include additional rows if needed*		
	All other projects or programmes - other reliability, safety and environment	355	
	Other reliability, safety and environment expenditure		355
less	Capital contributions funding other reliability, safety and environment	–	
	Other reliability, safety and environment less capital contributions		355

6a(ix): Non-Network Assets

Routine expenditure

	*Project or programme**	($000)	($000)
	Land & Buildings	31	
	IT	450	
	Vehicles, Plant & Equipment	90	
	–	–	
	–	–	
	** include additional rows if needed*		
	All other projects or programmes - routine expenditure	–	
	Routine expenditure		571

Atypical expenditure

	*Project or programme**	($000)	($000)
	–	–	
	–	–	
	–	–	
	–	–	
	–	–	
	** include additional rows if needed*		
	All other projects or programmes - atypical expenditure	–	
	Atypical expenditure		–
	Expenditure on non-network assets		571

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 atypic expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance.
This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref		($000)	($000)
7	**6b(i): Operational Expenditure**		
8	Service interruptions and emergencies	1,114	
9	Vegetation management	1,132	
10	Routine and corrective maintenance and inspection	2,332	
11	Asset replacement and renewal	1,673	
12	Network opex		6,251
13	System operations and network support	2,728	
14	Business support	2,251	
15	Non-network opex		4,979
16			
17	Operational expenditure		11,230
18	**6b(ii): Subcomponents of Operational Expenditure (where known)**		
19	Energy efficiency and demand side management, reduction of energy losses		148
20	Direct billing*		–
21	Research and development		–
22	Insurance		337
23	** Direct billing expenditure by suppliers that directly bill the majority of their consumers*		

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

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 schec 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 (Mandator Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of the ID determination), and so is sub 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 disclosures.

sch ref				
7	7(i): Revenue	Target ($000) [1]	Actual ($000)	% variance
8	Line charge revenue	33,543	33,999	1%
9	7(ii): Expenditure on Assets	Forecast ($000) [2]	Actual ($000)	% variance
10	Consumer connection	640	935	46%
11	System growth	5,213	3,436	(34%)
12	Asset replacement and renewal	3,403	3,013	(11%)
13	Asset relocations	750	644	(14%)
14	Reliability, safety and environment:			
15	Quality of supply	3,535	2,881	(19%)
16	Legislative and regulatory	700	262	(63%)
17	Other reliability, safety and environment	745	355	(52%)
18	Total reliability, safety and environment	4,980	3,498	(30%)
19	Expenditure on network assets	14,986	11,526	(23%)
20	Expenditure on non-network assets	516	571	11%
21	Expenditure on assets	15,502	12,097	(22%)
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	1,100	1,114	1%
24	Vegetation management	1,149	1,132	(1%)
25	Routine and corrective maintenance and inspection	2,153	2,332	8%
26	Asset replacement and renewal	1,715	1,673	(2%)
27	Network opex	6,117	6,251	2%
28	System operations and network support	2,446	2,728	12%
29	Business support	2,773	2,251	(19%)
30	Non-network opex	5,219	4,979	(5%)
31	Operational expenditure	11,336	11,230	(1%)
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Energy efficiency and demand side management, reduction of energy losses	–	26	–
34	Overhead to underground conversion	750	611	(19%)
35	Research and development	–	26	–
36				
37	7(v): Subcomponents of Operational Expenditure (where known)			
38	Energy efficiency and demand side management, reduction of energy losses	58	148	155%
39	Direct billing	–	–	–
40	Research and development	–	–	–
41	Insurance	257	337	31%
42				
43	*1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination*			
44	*2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)*			

Company Name	Network Tasman Limited
For Year Ended	31 March 2020
Network / Sub-Network Name	Network Tasman Limited

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE

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 o included in each consumer group or price category code, and the energy delivered to these ICPs.

sch ref

8(i): Billed Quantities by Price Compone

	Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosur year	Energy delivered to ICPs in disclosure year (MWh)	Billed quantities by price component								
						Price componen	0STL	0UNM	1RLANY	1RLDAY	1RLNIT	1RLWSR	1RLGEN	1RSANY	1RSDAY
						Unit charging basis (e days, kW of demand, kV of capacity, etc.	Watts	day	kWh	kWh	kWh	kWh	kWh	kWh	kWh
	0S	Streetlamps	Standard	–	1,805		–	–	–	–	–	–	–	–	–
	0UNM	Supplies	Standard	–	14		–	–	–	–	–	–	–	–	–
	1RL	15 kVA Capacity	Standard	17,829	94,755		–	–	66,611	959	1,509	25,676	1,391	–	–
	1RS	15 kVA Capacity	Standard	16,070	136,910		–	–	–	–	–	–	–	99,825	1,508
	1GL	15 kVA Capacity	Standard	3,368	19,672		–	–	–	–	–	–	–	–	–
	2	Capacity	Standard	2,733	99,078		–	–	–	–	–	–	–	–	–
	2HLFC	user, 20 or 30	Standard	5	23		–	–	–	–	–	–	–	–	–
	2LLFC	user, 40-150kVA	Standard	47	336		–	–	–	–	–	–	–	–	–
	HLF	15-150kVA	Standard	52	9,638		–	–	–	–	–	–	–	–	–
	3.1	3000kVA	Standard	4	9,834		–	–	–	–	–	–	–	–	–
	3.3	3000kVA	Standard	6	9,175		–	–	–	–	–	–	–	–	–
	3.4	3000kVA	Standard	165	118,697		–	–	–	–	–	–	–	–	–
	3.5	3000kVA	Standard	2	14,464		–	–	–	–	–	–	–	–	–
	6.1	> 3000,	Non-standard	1	90,385		–	–	–	–	–	–	–	–	–
	6.2	> 3000,	Non-standard	1	13,892		–	–	–	–	–	–	–	–	–
	CB	Cobb River Hydı	Non-standard	1	1		–	–	–	–	–	–	–	–	–
	MAT		Non-standard	1	–		–	–	–	–	–	–	–	–	–
	Connections		Standard	–	–		–	–	–	–	–	–	–	–	–
	Solar Connections		Standard	–	–		–	–	–	–	–	–	–	–	–
	0		[Select one]	–	–		–	–	–	–	–	–	–	–	–
	Add extra rows for additional consumer groups or price category codes as necessary														
	Standard consumer totals			40,278	514,401		–	–	66,611	959	1,509	25,676	1,391	99,825	1,508
	Non-standard consumer totals			4	104,278		–	–	–	–	–	–	–	–	–
	Total for all consumers			40,282	618,679		–	–	66,611	959	1,509	25,676	1,391	99,825	1,508

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

sch ref

8(i): Billed Quantities by Price Compone

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	1RSNIT kWh	1RSWSR kWh	1RSGEN kWh	1GLANY kWh	1GLDAY kWh	1GLNIT kWh	1GLWSR kWh	1GLGEN kWh	2ANY kWh	2DAY kWh	2NIT kWh	2WSR kWh	2GEN kWh	2LANY kWh	2LDAY kWh
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RS	15 kVA Capacity	Standard	2,399	33,178	1,051	–	–	–	–	–	–	–	–	–	–	–	–
1GL	15 kVA Capacity	Standard	–	–	–	17,332	526	373	1,441	59	–	–	–	–	–	–	–
2	Capacity	Standard	–	–	–	–	–	–	–	–	69,894	17,932	7,849	3,403	427	–	–
2HLFC	user, 20 or 30	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	251	25
HLF	15-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.1	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.3	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.4	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.5	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CB	Cobb River Hydı	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAT		- Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Connections		- Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar Connections		- Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0		- [Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price c																	
		Standard consumer total	2,399	33,178	1,051	17,332	526	373	1,441	59	69,894	17,932	7,849	3,403	427	251	25
		Non-standard consumer total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Total for all consumer	2,399	33,178	1,051	17,332	526	373	1,441	59	69,894	17,932	7,849	3,403	427	251	25

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

sch ref

8(i): Billed Quantities by Price Compone

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	2LNIT	2LWSR	2LGEN	2HANY	2HDAY	2HNIT	2HWSR	2HGEN	HLFANY	HLFDAY	HLFNIT	HLFWSR	HLFGEN	1RL	1RS
			kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	Daily	Daily
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	18,151	–
1RS	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15,921
1GL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	user, 20 or 30	Standard	–	–	–	16	–	–	7	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	13	47	19	–	–	–	–	–	–	–	–	–	–	–	–
HLF	15-150kVA	Standard	–	–	–	–	–	–	–	–	4,490	3,654	1,471	23	15	–	–
3.1	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.3	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.4	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.5	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CB	Cobb River Hydı	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAT		- Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Connections		- Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar Connection	s	- Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0		- [Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price c																	
		Standard consumer total	13	47	19	16	–	–	7	–	4,490	3,654	1,471	23	15	18,151	15,921
		Non-standard consumer total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Total for all consumer	13	47	19	16	–	–	7	–	4,490	3,654	1,471	23	15	18,151	15,921

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

sch ref

8(i): Billed Quantities by Price Compone

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	1GL	2	2HLFC	2LLFC	HLF	AnyDem31	AnyDem33	AnyDem34	AnyDem35	WinDem	kVAr	SD31	SN31	WD31	WN31
			Daily	Capacity	Daily	Daily	kVA	kVA	kVA	kVA	kVA	kW	kVAr	kWh	kWh	kWh	kWh
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RS	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1GL	15 kVA Capacity	Standard	3,378	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Capacity	Standard	–	124,581	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	user, 20 or 30	Standard	–	–	5	–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	–	–	–	50	–	–	–	–	–	–	–	–	–	–	–
HLF	15-150kVA	Standard	–	–	–	–	3,300	–	–	–	–	–	–	–	–	–	–
3.1	3000kVA	Standard	–	–	–	–	–	2,223	–	–	–	1,560	–	4,115	1,675	2,829	1,215
3.3	3000kVA	Standard	–	–	–	–	–	–	2,581	–	–	1,356	–	–	–	–	–
3.4	3000kVA	Standard	–	–	–	–	–	–	–	47,417	–	18,476	138	–	–	–	–
3.5	3000kVA	Standard	–	–	–	–	–	–	–	–	3,763	1,861	–	–	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CB	Cobb River Hydı	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAT		- Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Connections		- Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar Connection	s	- Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0		- [Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price c																	
		Standard consumer total	3,378	124,581	5	50	3,300	2,223	2,581	47,417	3,763	23,254	138	4,115	1,675	2,829	1,215
		Non-standard consumer total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Total for all consumer	3,378	124,581	5	50	3,300	2,223	2,581	47,417	3,763	23,254	138	4,115	1,675	2,829	1,215

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

sch ref

8(i): Billed Quantities by Price Compone

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	SD33 kWh	SN33 kWh	WD33 kWh	WN33 kWh	SD34 kWh	SN34 kWh	WD34 kWh	WN34 kWh	SD35 kWh	SN35 kWh	WD35 kWh	WN35 kWh	3.1GEN kWh	3.3GEN kWh	3.4GEN kWh
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RS	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1GL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	user, 20 or 30	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HLF	15-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.1	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.3	3000kVA	Standard	3,972	1,815	2,394	994	–	–	–	–	–	–	–	–	–	2,104	–
3.4	3000kVA	Standard	–	–	–	–	48,755	17,465	38,541	13,936	–	–	–	–	–	–	5
3.5	3000kVA	Standard	–	–	–	–	–	–	–	–	5,445	2,409	4,589	2,021	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CB	Cobb River Hydı	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAT		- Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Connections		- Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar Connection	s	- Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0		- [Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price c																	
		Standard consumer total	3,972	1,815	2,394	994	48,755	17,465	38,541	13,936	5,445	2,409	4,589	2,021	–	2,104	5
		Non-standard consumer total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Total for all consumer	3,972	1,815	2,394	994	48,755	17,465	38,541	13,936	5,445	2,409	4,589	2,021	–	2,104	5

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

sch ref

8(i): Billed Quantities by Price Compone

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	3.4GEN	6.1	6.2	NDL	NCA Admin G0	NCA Admin G1	NCA Admin G2	NCA Admin G3	CB	MAT	Standard DC Part1A	Standard DC Part1	DG >10kw <100kW	DG >100kw <1000kW
			kWh	Annual	Annual	kVA=km	New connection application	New connection application	New connection application	New connection application	Annual	Annual	Per application	Per application	Per application	Per application
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RS	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1GL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	user, 20 or 30	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HLF	15-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.1	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.3	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.4	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.5	3000kVA	Standard	5	–	–	–	–	–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	–	1	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	1	–	–	–	–	–	–	–	–	–	–	–
CB	Cobb River Hydr	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAT		Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Connections		Standard	–	–	–	19,163	–	–	–	–	–	–	–	–	–	–
Solar Connections		Standard	–	–	–	–	–	678	76	8	–	–	215	2	12	–
0		[Select one]	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price c																
Standard consumer total			5	–	–	19,163	–	678	76	8	–	–	215	2	12	–
Non-standard consumer total			–	1	1	–	–	–	–	–	–	–	–	–	–	–
Total for all consumer			5	1	1	19,163	–	678	76	8	–	–	215	2	12	–

Company Name	Network Tasman Limited
For Year Ended	31 March 2020
Network / Sub-Network Name	Network Tasman Limited

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE

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 o
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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Line charge revenues ($000) by price component								
							Price component	0STL	0UNM	1RLANY	1RLDAY	1RLNIT	1RLWSR	1RLGEN	1RSANY	1RSDAY
							Rate (eg, $ per day, $ per kWh, etc.)	0.00111	0.501	0.0617	0.07	0.0122	0.0185	0	0.0277	0.0332
0S	Streetlamps	Standard	$169	–	$123	$46		$169	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	$14	–	$10	$4		–	$14	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	$5,677	$2,344	$3,514	$2,163		–	–	$4,120	$67	$19	$477	–	–	–
1RS	15 kVA Capacity	Standard	$7,488	$3,414	$4,494	$2,994		$1	–	–	–	–	–	–	$2,782	$50
1GL	15 kVA Capacity	Standard	$1,442	$546	$914	$528		$2	–	–	–	–	–	–	–	–
2	Capacity	Standard	$6,966	$2,567	$4,741	$2,225		$3	–	–	–	–	–	–	–	–
2HLFC	user, 20 or 30	Standard	$4	$1	$3	$1		–	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	$37	$7	$29	$9		–	–	–	–	–	–	–	–	–
HLF	15-150kVA	Standard	$507	$176	$384	$123		–	–	–	–	–	–	–	–	–
3.1	3000kVA	Standard	$302	$30	$113	$189		–	–	–	–	–	–	–	–	–
3.3	3000kVA	Standard	$381	$79	$209	$172		–	–	–	–	–	–	–	–	–
3.4	3000kVA	Standard	$5,994	$1,204	$3,499	$2,495		–	–	–	–	–	–	–	–	–
3.5	3000kVA	Standard	$532	$109	$293	$239		–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	$1,928	$27	$197	$1,731		–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	$461	$39	$200	$261		–	–	–	–	–	–	–	–	–
CB	0	Non-standard	$1,723	–	$1,380	$343		–	–	–	–	–	–	–	–	–
MAT	MAT, CB, EG etc	Non-standard	$2	–	–	$2		–	–	–	–	–	–	–	–	–
Connections	0	Standard	$345	–	$345	–		–	–	–	–	–	–	–	–	–
Solar Connections	0	Standard	$28	–	$28	–		–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price category codes as necessary																
		Standard consumer totals	$29,885	$10,475	$18,699	$11,186		$174	$14	$4,120	$67	$19	$477	–	$2,782	$50
		Non-standard consumer totals	$4,115	$66	$1,777	$2,338		–	–	–	–	–	–	–	–	–
		Total for all consumers	$33,999	$10,541	$20,476	$13,523	–	$174	$14	$4,120	$67	$19	$477	–	$2,782	$50

8(iii): Number of ICPs directly billed

Check: OK

Number of directly billed ICPs at y: Non-standard consumer totals

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

8(ii): Line Charge Revenues ($000) by F

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	1RSNIT	1RSWSR	1RSGEN	1GLANY	1GLDAY	1GLNIT	1GLWSR	1GLGEN	2ANY	2DAY	2NIT	2WSR	2GEN	2LANY	2LDAY
			0.006	0.0084	0	0.0277	0.0332	0.006	0.0084	0	0.0395	0.045	0.0119	0.016	0	0.1127	0.1359
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RS	15 kVA Capacity	Standard	$15	$281	–	–	–	–	–	–	–	–	–	–	–	–	–
1GL	15 kVA Capacity	Standard	–	–	–	$483	$18	$2	$12	–	–	–	–	–	–	–	–
2	Capacity	Standard	–	–	–	–	–	–	–	–	$2,776	$810	$94	$55	–	–	–
2HLFC	user, 20 or 30	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	$28	$3
HLF	15-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.1	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.3	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.4	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.5	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CB	0	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAT	MAT, CB, EG etc	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Connections	0	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar Connections	0	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price c																	
Standard consumer total			$15	$281	–	$483	$18	$2	$12	–	$2,776	$810	$94	$55	–	$28	$3
Non-standard consumer total			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total for all consumer			$15	$281	–	$483	$18	$2	$12	–	$2,776	$810	$94	$55	–	$28	$3

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at y | Non-standard c

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

8(ii): Line Charge Revenues ($000) by F

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	2LNIT	2LWSR	2LGEN	2HANY	2HDAY	2HNIT	2HWSR	2HGEN	HLFANY	HLFDAY	HLFNIT	HLFWSR	HLFGEN	1RL	1RS
			0.0402	0.0496	0	0.187	0.205	0.1266	0.154	0	0.0147	0.0162	0.0038	0.0047	0	0.15	0.75
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	$994	–
1RS	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	$4,358
1GL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	user, 20 or 30	Standard	–	–	–	$3	–	–	$1	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	$1	$2	–	–	–	–	–	–	–	–	–	–	–	–	–
HLF	15-150kVA	Standard	–	–	–	–	–	–	–	–	$66	$59	$6	$0	–	–	–
3.1	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.3	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.4	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.5	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CB	0	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAT	MAT, CB, EG etc	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Connections	0	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar Connections	0	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price c																	
		Standard consumer total	$1	$2	–	$3	–	–	$1	–	$66	$59	$6	$0	–	$994	$4,358
		Non-standard consumer total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Total for all consumer	$1	$2	–	$3	–	–	$1	–	$66	$59	$6	$0	–	$994	$4,358

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at y | Non-standard c

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

8(ii): Line Charge Revenues ($000) by F

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	1GL	2	2HLFC	2LLFC	HLF	AnyDem31	AnyDem33	AnyDem34	AnyDem35	WinDem	kVAr	SD31	SN31	WD31	WN31
			0.75	0.071	0.15	0.15	0.3119	0.1141	0.1376	0.1445	0.1376	0.3159	0.261	0.0027	0.0014	0.0049	0.0014
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RS	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1GL	15 kVA Capacity	Standard	$925	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Capacity	Standard	–	$3,229	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	user, 20 or 30	Standard	–	–	$0	–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	–	–	–	$3	–	–	–	–	–	–	–	–	–	–	–
HLF	15-150kVA	Standard	–	–	–	–	$376	–	–	–	–	–	–	–	–	–	–
3.1	3000kVA	Standard	–	–	–	–	–	$93	–	–	–	$180	–	$11	$2	$14	$2
3.3	3000kVA	Standard	–	–	–	–	–	–	$130	–	–	$156	–	–	–	–	–
3.4	3000kVA	Standard	–	–	–	–	–	–	–	$2,501	–	$2,130	$13	–	–	–	–
3.5	3000kVA	Standard	–	–	–	–	–	–	–	–	$189	$215	–	–	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CB	0	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAT	MAT, CB, EG etc	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Connections	0	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar Connections	0	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price c																	
		Standard consumer total	$925	$3,229	$0	$3	$376	$93	$130	$2,501	$189	$2,681	$13	$11	$2	$14	$2
		Non-standard consumer total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Total for all consumer	$925	$3,229	$0	$3	$376	$93	$130	$2,501	$189	$2,681	$13	$11	$2	$14	$2

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at y Non-standard c

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

8(ii): Line Charge Revenues ($000) by F

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	SD33	SN33	WD33	WN33	SD34	SN34	WD34	WN34	SD35	SN35	WD35	WN35	3.1GEN	3.3GEN	3.4GEN
			0.0082	0.0043	0.021	0.0043	0.0082	0.0043	0.021	0.0043	0.0056	0.0034	0.0179	0.0034	0	0	0
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RS	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1GL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	user, 20 or 30	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HLF	15-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.1	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.3	3000kVA	Standard	$33	$8	$50	$4	–	–	–	–	–	–	–	–	–	–	–
3.4	3000kVA	Standard	–	–	–	–	$401	$75	$813	$60	–	–	–	–	–	–	–
3.5	3000kVA	Standard	–	–	–	–	–	–	–	–	$31	$8	$82	$7	–	–	–
6.1	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CB	0	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAT	MAT, CB, EG etc	Non-standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Connections	0	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar Connections	0	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Add extra rows for additional consumer groups or price c																	
		Standard consumer total	$33	$8	$50	$4	$401	$75	$813	$60	$31	$8	$82	$7	–	–	–
		Non-standard consumer total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Total for all consumer	$33	$8	$50	$4	$401	$75	$813	$60	$31	$8	$82	$7	–	–	–

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at y Non-standard c

SCHEDULE 8: REPORT ON BILLED (

This schedule requires the billed quantities and associated lin
included in each consumer group or price category code, and

8(ii): Line Charge Revenues ($000) by F

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	3.4GEN	6.1	6.2	NDL	NCA Admin G0	NCA Admin G1	NCA Admin G2	NCA Admin G3	CB	MAT	Standard DC Part1A	Standard DC Part1	DG >10kw <100kW	DG >100kw <1000kW
			0	Annual	Annual	7.714143	125	250	325	400	Annual	Annual	100	200	500	1000
0S	Streetlamps	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0UNM	Supplies	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1RS	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1GL	15 kVA Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Capacity	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2HLFC	user, 20 or 30	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2LLFC	user, 40-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HLF	15-150kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.1	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.3	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.4	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3.5	3000kVA	Standard	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6.1	> 3000,	Non-standard	–	$1,928	–	–	–	–	–	–	–	–	–	–	–	–
6.2	> 3000,	Non-standard	–	–	$461	–	–	–	–	–	–	–	–	–	–	–
CB	0	Non-standard	–	–	–	–	–	–	–	–	$1,723	–	–	–	–	–
MAT	MAT, CB, EG etc	Non-standard	–	–	–	–	–	–	–	–	–	$2	–	–	–	–
Connections	0	Standard	–	–	–	$148	–	$170	$25	$3	–	–	–	–	–	–
Solar Connections	0	Standard	–	–	–	–	–	–	–	–	–	–	$22	$0	$6	–
Add extra rows for additional consumer groups or price c																
		Standard consumer total	–	–	–	$148	–	$170	$25	$3	–	–	$22	$0	$6	–
		Non-standard consumer total	–	$1,928	$461	–	–	–	–	–	$1,723	$2	–	–	–	–
		Total for all consumer	–	$1,928	$461	$148	–	$170	$25	$3	$1,723	$2	$22	$0	$6	–

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at y | Non-standard c

Company Name	Network Tasman Limited
For Year Ended	31 March 2020
Network / Sub-network Name	Network Tasman Limited

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 circu

sch ref

8	Voltage	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy ~ í t ð •
9	All	Overhead Line	Concrete poles / steel structure	No.	26,087	26,242	155	3
10	All	Overhead Line	Wood poles	No.	1,575	1,668	93	3
11	All	Overhead Line	Other pole types	No.	528	494	(34)	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	34	7	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.	102	102	–	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	95	–	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	1,890	(3)	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	130	138	8	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.	70	78	8	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.	1,314	1,332	18	3
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	143	146	3	3
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	117	129	12	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	3,803	3,806	3	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	734	760	26	3
48	HV	Distribution Transformer	Voltage regulators	No.	11	11	–	4
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	25	25	–	4
50	LV	LV Line	LV OH Conductor	km	498	497	(1)	3
51	LV	LV Cable	LV UG Cable	km	646	662	16	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	–	–	–	4
53	LV	Connections	OH/UG consumer service connections	No.	40,390	41,012	622	4
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	110	113	3	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	10	10	–	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

SCHEDULE 9b: ASSET AGE PF

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 2020																			
9	Voltage	Asset category	Asset class	Units	pre-1940	1940 t í ð ð č	1950 t í ð ñ č	1960 t í ð ò ð	1970 t í ð ó č	1980 t í ð ô ð	1990 t í ð õ č	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
10	All	Overhead Line	Concrete poles / steel structure	No.	2,267	1,253	6,859	6,065	1,957	3,540	993	63	180	124	169	162	91	167	170	155	132	189	134
11	All	Overhead Line	Wood poles	No.	–	76	203	186	140	179	178	17	21	9	8	21	3	7	12	11	8	56	13
12	All	Overhead Line	Other pole types	No.	25	34	56	129	47	90	51	–	4	1	–	–	1	–	1	4	–	1	–
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	–	96	98	2	10	61	3	3	–	2	2	1	1	–	–	1	–	–	–
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	–	–	–	–	–	2	1	–	–	–	–	6	–	8	–	–	1	–	–
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	–	–	–	–	1	–	–	2	–	–	–	–	–	–	–	–	–	–	–
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	HV	Subtransmission Cable	Subtransmission submarine cable	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.	–	3	2	–	1	4	2	–	–	–	–	–	–	2	–	–	–	–	–
25	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	–	–	–	–	–	–	6	–	–	–	–	–	–	–	1	–	–	–	–
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	–	–	5	5	14	15	12	1	–	1	2	6	2	1	2	–	–	–	–
30	HV	Zone substation switchgear	33kV RMU	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	4	5	–	–	–	–
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	–	–	–	2	2	10	1	–	–	–	–	–	1	–	–	2	2	–	–
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	–	–	–	–	–	10	18	–	13	–	12	–	8	14	–	–	–	–	–
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	–	–	–	–	–	2	–	–	–	–	–	2	–	–	–	4	–	–
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	–	–	2	3	5	5	1	–	–	–	2	–	2	–	2	–	1	–	–
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	114	83	461	516	154	274	103	7	7	7	12	12	6	10	3	8	13	34	16
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
38	HV	Distribution Line	SWER conductor	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km	–	–	–	–	–	13	8	1	2	2	12	6	6	12	10	8	7	4	3
40	HV	Distribution Cable	Distribution UG PILC	km	–	–	–	3	23	40	23	2	2	2	12	6	2	4	3	3	2	1	1
41	HV	Distribution Cable	Distribution Submarine Cable	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and section	No.	–	–	–	–	–	2	–	2	3	–	1	4	2	2	–	–	–	4	8
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	–	–	1	4	15	17	11	8	15	16	25	39	43	17	40	33	25	11	19
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	–	–	–	–	–	1	1	4	3	3	11	3	13	13	6	10	11	13	3
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	–	–	–	–	1	–	–	1	1	1	4	1	4	1	1	1	2	2	3
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	18	63	164	542	497	836	578	35	74	82	62	67	42	37	22	42	43	41	31
48	HV	Distribution Transformer	Ground Mounted Transformer	No.	–	–	4	9	79	91	71	14	17	29	28	28	23	42	26	31	23	18	16
49	HV	Distribution Transformer	Voltage regulators	No.	–	–	–	–	–	–	2	–	–	–	–	–	2	–	–	–	–	1	–
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.	–	–	–	–	20	–	5	–	–	–	–	–	–	–	–	–	–	–	–
51	LV	LV Line	LV OH Conductor	km	–	23	148	118	41	58	12	76	1	1	1	2	2	3	1	1	2	1	1
52	LV	LV Cable	LV UG Cable	km	–	–	3	7	87	124	105	8	15	28	27	25	19	18	17	14	18	15	12
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
54	LV	Connections	OH/UG consumer service connections	No.	–	–	–	–	–	–	–	–	626	640	829	877	702	597	622	661	595	459	537
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	–	–	–	3	2	5	21	–	10	–	10	–	12	14	–	1	1	–	11
56	All	SCADA and communications	SCADA and communications equipment operating as a sin	Lot	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
57	All	Capacitor Banks	Capacitors including controls	No	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	1	2	2	1
58	All	Load Control	Centralised plant	Lot	–	–	–	–	–	–	2	1	–	–	–	–	–	–	–	–	–	2	–
59	All	Load Control	Relays	No	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
60	All	Civils	Cable Tunnels	km	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Company Name	Network Tasman Limited
For Year Ended	31 March 2020
Network / Sub-network Name	Network Tasman Limited

SCHEDULE 9b: ASSET AGE PF

This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network

sch ref

8 Disclosure Year (year ended): 31 March 2020

9	Voltage	Asset category	Asset class	Units	2012	2013	2014	2015	2016	2017	2018	2019	No. with age unknown	Items at end of year	No. with default dates	Data accurac ~ í t ð •
10	All	Overhead Line	Concrete poles / steel structure	No.	137	128	150	203	33	130	70	100	466	26,242	–	1
11	All	Overhead Line	Wood poles	No.	15	14	29	–	–	8	42	84	235	1,668	–	1
12	All	Overhead Line	Other pole types	No.	–	1	–	–	–	–	–	–	49	494	–	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	–	9	–	–	–	–	–	–	–	34	–	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	–	–	–	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.	–	8	–	–	12	–	–	–	–	95	–	4
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	–	–	–	–	–	–	–	–	8	–	3
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.	–	–	–	–	2	–	–	–	–	25	–	4
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km	12	16	6	2	–	6	8	–	–	1,890	–	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	3	5	3	3	–	5	9	8	–	138	–	2
40	HV	Distribution Cable	Distribution UG PILC	km	1	2	1	2	–	–	–	–	–	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 section	No.	8	4	6	4	5	6	1	8	–	78	–	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.	19	10	13	25	5	7	13	34	849	1,332	–	2
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	4	4	8	9	–	5	2	5	9	146	–	2
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	–	–	2	–	–	4	6	15	69	129	–	2
47	HV	Distribution Transformer	Pole Mounted Transformer	No.	40	70	43	46	80	61	36	81	45	3,806	–	2
48	HV	Distribution Transformer	Ground Mounted Transformer	No.	4	18	30	4	19	22	40	38	10	760	–	2
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	–	1	–	–	1	–	–	2	497	–	2
52	LV	LV Cable	LV UG Cable	km	9	9	11	12	3	14	13	17	13	662	–	2
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	–	–	–	–	–	–	–	–	–	–	–	2
54	LV	Connections	OH/UG consumer service connections	No.	464	460	557	442	447	538	562	529	29,246	41,012	–	2
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	–	6	–	–	14	–	–	–	–	113	–	3
56	All	SCADA and communications	SCADA and communications equipment operating as a sin	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 2020
Network / Sub-network Name	Network Tasman Limited

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 expresse to circuit lengths.

sch ref				
9				
10	Circuit length by operating voltage (at year end)	Overhead (km)	Underground (km)	Total circuit length (km)
11	> 66kV	–	–	–
12	50kV & 66kV	158	–	158
13	33kV	123	37	160
14	SWER (all SWER voltages)	–	–	–
15	22kV (other than SWER)	19	13	31
16	6.6kV to 11kV (inclusive—other than SWER)	1,871	261	2,132
17	Low voltage (< 1kV)	497	662	1,159
18	Total circuit length (for supply)	2,668	973	3,641
19				
20	Dedicated street lighting circuit length (km)	–	–	–
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			18
22				
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)	
24	Urban	183	7%	
25	Rural	2,289	86%	
26	Remote only	70	3%	
27	Rugged only	118	4%	
28	Remote and rugged	8	0%	
29	Unallocated overhead lines	–	–	
30	Total overhead length	2,668	100%	
31				
32		Circuit length (km)	(% of total circuit length)	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,671	46%	
34		Circuit length (km)	(% of total overhead length)	
35	Overhead circuit requiring vegetation management	2,668	100%	

Company Name	Network Tasman Limited
For Year Ended	31 March 2020

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

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

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

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

Company Name	Network Tasman Limited
For Year Ended	31 March 2020
Network / Sub-network Name	Network Tasman Limited

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 i
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**	Number of connections (ICP
Consumers 20kVA and less	571
Consumers greater than 20kVA	28
0	–
0	–
0	–

** include additional rows if needed*

Connections total: 599

Distributed generation

Number of connections made in year	140	connections
Capacity of distributed generation installed in year	–	MVA

9e(ii): System Demand

		Demand at time of maximum coincident demand (MW)	
	Maximum coincident system demand		
	GXP demand	122	
plus	Distributed generation output at HV and above	20	
	Maximum coincident system demand	142	
less	Net transfers to (from) other EDBs at HV and above	19	
	Demand on system for supply to consumers' connection points	123	

		Energy (GWh)	
	Electricity volumes carried		
	Electricity supplied from GXPs	625	
less	Electricity exports to GXPs	64	
plus	Electricity supplied from distributed generation	193	
less	Net electricity supplied to (from) other EDBs	92	
	Electricity entering system for supply to consumers' connection points	661	
less	Total energy delivered to ICPs	619	
	Electricity losses (loss ratio)	43	6.4%
	Load factor	0.61	

9e(iii): Transformer Capacity

	(MVA)
Distribution transformer capacity (EDB owned)	433
Distribution transformer capacity (Non-EDB owned, estimated)	44
Total distribution transformer capacity	477
Zone substation transformer capacity	381

Company Name	Network Tasman Limited
For Year Ended	31 March 2020
Network / Sub-network Name	Network Tasman Limited

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 explanat 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 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
10	Class A (planned interruptions by Transpower)	4
11	Class B (planned interruptions on the network)	160
12	Class C (unplanned interruptions on the network)	125
13	Class D (unplanned interruptions by Transpower)	2
14	Class E (unplanned interruptions of EDB owned generation)	–
15	Class F (unplanned interruptions of generation owned by others)	–
16	Class G (unplanned interruptions caused by another disclosing entity)	–
17	Class H (planned interruptions caused by another disclosing entity)	–
18	Class I (interruptions caused by parties not included above)	–
19	Total	291

Interruption restoration

		G ï , Œ •	>3hrs
22	Class C interruptions restored within	93	32

SAIFI and SAIDI by class

		SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)	0.11	7.9
26	Class B (planned interruptions on the network)	0.36	102.2
27	Class C (unplanned interruptions on the network)	0.88	82.7
28	Class D (unplanned interruptions by Transpower)	0.05	4.5
29	Class E (unplanned interruptions of EDB owned generation)	–	–
30	Class F (unplanned interruptions of generation owned by others)	–	–
31	Class G (unplanned interruptions caused by another disclosing entity)	–	–
32	Class H (planned interruptions caused by another disclosing entity)	–	–
33	Class I (interruptions caused by parties not included above)	–	–
34	Total	1.40	197.3

Normalised SAIFI and SAIDI

		Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)	1.24	183.8

Company Name	Network Tasman Limited
For Year Ended	31 March 2020
Network / Sub-network Name	Network Tasman Limited

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 explanat 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 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	0.08	2.9
Vegetation	0.01	0.7
Adverse weather	0.03	5.3
Adverse environment	–	–
Third party interference	0.26	28.2
Wildlife	0.03	3.9
Human error	0.00	0.1
Defective equipment	0.22	24.0
Cause unknown	0.26	17.6

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.10	23.6
Subtransmission cables	–	–
Subtransmission other	0.00	0.0
Distribution lines (excluding LV)	0.26	77.4
Distribution cables (excluding LV)	0.00	0.6
Distribution other (excluding LV)	–	–

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.22	15.0
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.58	54.2
Distribution cables (excluding LV)	0.05	8.6
Distribution other (excluding LV)	0.04	4.9

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	11	281	3.91
Subtransmission cables	–	37	–
Subtransmission other	–		
Distribution lines (excluding LV)	104	1,890	5.50
Distribution cables (excluding LV)	6	273	2.19
Distribution other (excluding LV)	4		
Total	125		