

## **Network Tasman Limited**

### **Annual Price Setting Compliance Statement**

Electricity Distribution Services Default Price-Quality Path Determination 2020

[2019] NZCC 21

Fourth Assessment Period; 01 April 2023 to 31 March 2024

Electricity Distribution Services Default Price-Quality Path Determination 2020  
Schedule 6  
Certification for Annual Price Setting Compliance Statement

I, Michael John McCliskie, being a director of Network Tasman Limited certify that, having made all reasonable enquiry, to the best of my knowledge and belief, the attached annual price-setting compliance statement of Network Tasman Limited, and related information, prepared for the purposes of the *Electricity Distribution Services Default Price-Quality Path Determination 2020* has been prepared in accordance with all the relevant requirements, and all forecasts used in the calculations for forecast revenue from prices and forecast allowable revenue are reasonable.

  
\_\_\_\_\_  
Director

  
\_\_\_\_\_  
Date

Note: Section 103(2) of the Commerce Act 1986 provides that no person shall attempt to deceive or knowingly mislead the Commission in relation to any matter before it. It is an offence to contravene section 103(2) and any person who does so is liable on summary conviction to a fine not exceeding \$100,000 in the case of an individual or \$300,000 in the case of a body corporate.

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## 1 Introduction

Network Tasman's electricity distribution business is subject to regulation under the Commerce Act 1986 (the Act). Pursuant to the requirements of the Act, Network Tasman must comply with the Electricity Distribution Services Default Price-Quality Path Determination 2020 (the Determination) which came into force on 01 April 2020. Before the start of each assessment period in the regulatory period 1 April 2020 to 31 March 2025, Network Tasman is required provide an 'Annual price-setting compliance statement' as per section 11 of the Determination.

The Annual price setting compliance statement must:

- state whether or not Network Tasman has complied with clause 8.4 of the Determination for the second to fifth assessment periods
- state the date on which the statement was prepared
- include director certification

The statement must include:

- Network Tasman's calculation of forecast revenue from prices with supporting information for all components of the calculation;
- Network Tasman's calculation of forecast allowable revenue with supporting information for all components of the calculation;
- if Network Tasman has not complied with the price path, the reasons for the non-compliance; and any actions taken to mitigate any non-compliance and to and to prevent similar non-compliance in future assessment periods.

As required, this Statement confirms that in respect of the fourth assessment period of the DPP regulatory period, Network Tasman has complied with clause 8.4 of the determination for the assessment period 01 April 2023 to 31 March 2024

## 2 Compliance With the Price Path

### 2.1 Summary

Clause 8.4 of the Determination states that:

In respect of the fourth assessment period of the DPP regulatory period, to comply with the price path for an assessment period of the DPP regulatory period, a non-exempt EDB's forecast revenue from prices for that assessment period of the DPP regulatory period must not exceed the lesser of:

(a) the forecast allowable revenue for Assessment period four:	<b>\$000</b> <b>45,035</b>
(b) the amount determined as: the forecast revenue from prices for the previous assessment period x (1 + limit on annual percentage increase in forecast revenue from prices).	
Forecast revenue from prices, Assessment three	<b>\$000</b> 39,603
Limit on annual percentage increase in forecast revenue from prices	10%
	<b>43,563</b>

Network Tasman has complied with the price path requirement 8.4 of fourth assessment period of the Determination as demonstrated below in Table 1.

Table 1. Demonstrating compliance with price path requirement 8.4.

lesser of 8.4(a) and 8.4(b) (\$000)	Forecast Revenue from prices (\$000)	Compliance test result
43,563	40,280	<b>Compliant</b> Forecast revenue from prices ≤ forecast allowable revenue

Following is more detail in support of this forecast.

### 2.2 Calculating forecast allowable revenue

The 2023-24 year is Network Tasman's fourth assessment under DPP3. The forecast allowable revenue is calculated as per Schedule 1.5 of the Determination:

**forecast allowable revenue** = forecast net allowable revenue  
+ forecast pass-through and recoverable costs  
+ opening wash-up account balance.  
+ pass-through balance allowance

Table 2 Calculation of forecast allowable revenue 2023-24

Calculation Component	Amount \$
forecast net allowable revenue	28,065,000
forecast pass-through and recoverable costs	12,878,828
opening wash-up account balance	4,090,732
pass-through balance allowance	0
<b>forecast allowable revenue</b>	<b>45,034,560</b>

The four components of forecast allowable revenue are described in more detail below;

#### Forecast net allowable revenue

The forecast net allowable revenue for the fourth assessment as per Schedule 1.4 of the Determination is \$28,065,000

#### Forecast pass-through and recoverable costs

The forecast pass-through and recoverable costs for the fourth assessment as per the Determination is \$12,878,828

This is Network Tasman's forecast of pass-through costs and recoverable costs for the year. More details are provided below in section 2.4.

#### opening wash-up account balance.

The opening wash-up account balance for the fourth assessment as per Schedule 1.7 of the Determination is \$4,090,732

This is calculated as the closing wash-up amount for the second assessment period: \$3,765,439

Less the voluntary undercharging amount foregone for the second assessment period: \$0

Multiplied by one plus 67th percentile estimate of post-tax WACC<sup>2</sup> (4.23%)

#### pass-through balance allowance

The pass-through balance allowance for the fourth assessment as per the Determination is \$0

67th percentile estimate of post-tax WACC 0.0423

### 2.3 Calculating forecast revenue from prices.

The forecast revenue is the sum of each price multiplied by its respective forecast quantity. For small and medium consumers (Mass-market), Network Tasman's charges are calculated from a mix of fixed and variable (per kWh) prices based on respective quantities. For larger (150 kVA +) consumers, revenue is based on kWh and demand based prices.

There is a small number of large connections, embedded networks and generators whose charges are calculated individually based on special characteristics, pass-through costs and specific assets.

For Groups 0, 1, 2 & 3 the quantities are based on historical volumes reported by retailers. See Attachment A for further details.

Additional "average ICPs" are added for growth to the dataset to assess the final YE March 2024 volumes.

To determine the growth ICPs/quantities, historical trends, subdivision growth and management estimates are used

The kWh growth in particular can vary considerably each year due to seasonal effects, such as variance in

winter temperatures for residential space heating or dryness of summers affecting irrigation.

For Groups 1, 2 & 3, kWh quantities is still the major factor (about 52%) used in deriving network revenue.

The forecast revenue is consistent with the line business accounting budget for the 2023-24 year

See Attachment A for more detail on volume, ICP and demand growth forecasts.

See Attachment B for more detail on the revenue from prices calculation (price x quantity)

All quantity forecasts were finalised in December 2022

Table 4 Summary of Revenue from Prices

Major Price Group	Revenue from prices (\$)
<b>New Connections/Sundry</b>	<b>508,383</b>
<b>Groups 0, 1, 2 &amp; 3</b>	<b>34,577,784</b>
<b>Group 6</b>	<b>1,769,678</b>
<b>Generators</b>	<b>1,852,740</b>
<b>Embedded Network</b>	<b>1,571,035</b>
<b>Total forecast revenue</b>	<b>40,279,621</b>

Note: Connection revenue consists of network connection application fees, solar PV connection fees and network development levies

## 2.4 Forecast pass-through and recoverable costs

Schedule 1.5 (3) of the Determination requires that all Pass-through and Recoverable costs are demonstrably reasonable. Tables 5 & 6 show detail of these costs, and more detail on how these costs are forecast is below.

**Table 5**

Forecast pass-through costs	Amount (\$)
EA Levies	175,000
Commerce Commission Levies	76,000
UDL Levies	25,000
Utility Rates	167,000
<b>Total pass-through costs</b>	<b>443,000</b>

**Table 6**

Forecast Recoverable costs	Amount (\$)
IRIS incentive adjustment	736,307
TPNZ Connection charge	1,305,351
TPNZ Benefits-based charge	1,582,846
TPNZ Residual charge	7,845,921
TPNZ TPM transitional cap charge	36,266
Transpower NIA	1,113,228
Distributed Generator ACOT	0
Capex wash-up adjustment	(224,933)
FENZ Levy	44,000
Revenue wash-up draw down amount	0
Quality Incentive <sup>3</sup>	(3,159)
<b>Total Recoverable costs</b>	<b>12,435,828</b>

<b>Total Recoverable and Pass-through cost</b>	<b>12,878,828</b>
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Note 3. The SAIDI Quality Incentive Adjustment for YE March 2022 resulted in a SAIDI planned adjustment of \$31,125 and SAIDI unplanned adjustment of -\$34,284, resulting in a total Quality Incentive Adjustment of -\$3,159

### Forecasting methodology of pass-through and Recoverable costs

#### Forecast pass-through costs

Component	Forecasting methodology
EA Levies	Historical costs and current levy rates per NTL accounting budget
Commerce Commission Levies	Historical costs and current levy rates per NTL accounting budget
UDL Levies	Historical costs and current levy rates per NTL accounting budget
Utility Rates (TDC/NCC)	Historical costs

#### Forecast Recoverable costs

Component	Forecasting methodology
IRIS incentive adjustment	As per Commerce Commission IRIS calculation model
TPNZ Connection charge	As per Transpower's 2023-24 pricing schedule
TPNZ Interconnection charges	Per TPNZ Schedule 3 Grid Charges, 2023-24
Transpower NIA	Per TPNZ Schedule 3 Grid Charges, 2023-24
Distributed Generator ACOT	Nil from April 2023
FENZ Levy	Historical costs and current levy rates per NTL accounting budget
Quality Incentive	As per DPP period 2 Assessment 5, adjusted for the time value of money
Capex wash-up adjustment	As per Commerce Commission capex wash-up model
Revenue wash-up draw down amount	Nil, as per paragraph 4 in Schedule 1.6 of DDP3 determination

### 3 Compliance with the Determination requirements and sections of this document that addresses them

**Table 4.1 Price Path Summary**

<b>Determination Clause</b>	<b>Requirement</b>	<b>Section of this Document</b>
8.4	In respect of the third assessment period of the DPP regulatory period, to comply with the price path for an assessment period of the DPP regulatory period, a non-exempt EDB's forecast revenue from prices for that assessment period must not exceed the forecast allowable revenue for that assessment period.	2.1

**Table 4.2 Annual price-setting compliance statement**

An annual price-setting compliance statement provided to the Commerce Commission must consist of:

<b>Determination Clause</b>	<b>Requirement</b>	<b>Section of this Document</b>
11.2 (a)	State whether or not in the third assessment period Network Tasman has complied with the price path in section 8.3.	1
11.2 (b)	State the date on which the statement was prepared	Coverpage
11.2 (c)	Include a certificate in the form set out in Schedule 6, signed by at least one director of Network Tasman	2
11.3 (a)	Include Network Tasman's calculation of its forecast revenue from prices together with supporting information for all components of the calculation	2.2 Attachment A Attachment B
11.3 (b)	Include Network Tasman's calculation of its forecast allowable revenue together with supporting information for all components of the calculation	2.3
11.3 (c)	If Network Tasman has not complied with the price path, state the reasons for the non-compliance.	n/a

**Attachment A. Quantity Forecasting**

Calculating forecast revenue for Network Tasman requires a forecast of quantities for the year based on prices for that year.  
Network Tasman's prices are a mix of fixed and variable quantities, with most revenue from kWh metered at the consumers connection point.  
Group 1 connections have fixed/daily charge and kWh prices.  
Group 2 connections have prices based on capacity and kWh  
Group 3 connections have historical demand-based and kWh prices.  
Group 6 connections have a fixed charge and pass through transmission charges  
Embedded Generators have a fixed asset charge, transmission charges and pass-through charges  
The embedded network has Transmission and pass-through charges only

**Methodology in forecasting volumes.**

**Groups 0**  
These are unmetered streetlights (kW capacity) and small unmetered connections such as phone boxes, communications cabinets and electric fences.  
The most recent billed quantities are used to determine the the forecast volumes.

**Groups 1 & 2**  
Historical volumes of each price category and price code (ICP count, kWh, kVA etc) over the past 4 years included as a basis to determine the total quantities for the forecast year.  
Fixed charges are generally based on the counts/volumes in September 2022

For kWh or variable based prices, the volumes by price code over the 2 years to June 2022 is used to determine the "price-code mix" of YE March 2023 volumes  
The total volume for YE March 2024 is based on the volumes of the last 8 years, and includes judgement based on forecast economic activity over the pricing year in question.  
Assessment of Peak/OffPeak volumes. The total volume on the new Peak/OffPeak/default price codes was determined by using the ratio of ICPs where "smart meters" are present (using the attribute "AMI Flag = Y" on the registry.  
Aggregated HHR data was used to assess the ratio of our new Peak/Off peak time zones of the current Anytime/UN24 meter load.  
For the Default price code, 2% of the total AMI uncontrolled load was assessed as not likely to be reported (due primarily technical reasons) after the 3rd RM revision cycle.

**Group 3**  
Similar to Groups 1 & 2, we use historical GWh volumes as a basis for forecasting  
Demand charges (based on a single Anytime kVA) are all based on an ICPs actual demands the previous year.  
We use the Group 3 ICP growth to assess the additional demand quantities for the forecast year, and this is added to the total quantities for the current Group 3 ICPs

**Group 6**  
The kW/kVA volumes that used for determining their share of transmission charges are based actual/known data.  
Transmission and Electricity Authority costs are billed to Group 6 on a pass-through basis, reflecting as close as possible Transpower's connection and Interconnection charges. The EA levy is a pass-through based on monthly MWh volumes.

**Embedded Network - Nelson Electricity**  
Nelson Electricity is charged only transmission charges, mirroring Transpower charges in the same manner as we do for Group 6 transmission charges

**Embedded Generators**  
The charges for these connections are fixed only, and include Transpower pass-through charges.

**Quantities for minor charges**  
For very small charges such as new connection and solar connection fees, the revenue forecast is based on historical financial method. There has been no price change for these.

**Quantity Growth, Connections, Capacity, kWh and demand.**  
In determining the forecast volumes, the most up-to-date retailer supplied data is used.

Fixed Charge Connections Growth									
Customer Price Group, Description	Group/Code	Units	2020	Growth; YE March			YE Mar 2024 forecast		Comment
			2021	2022	2023	Growth	Quantity		
Group 0, Unmetered	0	Watts	(13.4)%	0.6%	(0.3)%	1.0%	0.30%	435,884	Council LED replacement complete YE 2020 - expect small growth going forward
Group 1, 15 kVA connection	1	Connection	1.6%	1.6%	1.7%	1.4%	1.00%	39,445	Expect growth to be slightly lower than historical trend due to forward looking developments in the region
Group 2, 15 - 150 kVA (kVA Capacity)	2	kVA	0.8%	1.3%	1.4%	2.0%	1.00%	134,250	Slightly lower than historical trend due to forecast economic softening over the period in question.
Group 3 Anytime (kVA) Distribution	3	Anytime kVA	5.3%	1.4%	2.7%	1.0%	1.00%	58,741	Little growth expected
Group 3 Anytime (kVA) Transmission	3	Anytime kVA	n/a	n/a	n/a	n/a	n/a	53,249	New metric. Quantities based on actual values.
Large Industrial Connection	6	Connection	0%	0%	0%	0	0%	2	No growth expected
Embedded Network	NEL	Connection	0%	0%	0%	0	0%	1	No growth expected
Individual Generation Connection	CB	Connection	0%	0%	0%	0	0%	1	No growth expected
Individual Generation Connection	MAT	Connection	0%	0%	0%	0	0%	1	No growth expected

Note 1. Group 3 billing kVA demands from April 2023 are based on the previous calendar years actual demand, with an allowance for growth  
The billing quantity for the Anytime (Transmission) for 2023-24 has been moderated from the numbers used for the Distribution charge. This is to limit the price shock to consumers where the restructure has a significant cost increase due to the nature of the consumers load, such as seasonality.

**Variable Quantities**

Metered kWh										
Customer Price Group, Description	2016	2017	2018	Actual Growth yoy				Budget growth		Comment
				2019	2020	2021	2022	2023 (f)	2024	
Group 1, 15 kVA connection	0.2%	3.7%	(0.7)%	4.1%	(1.2)%	6.2%	2.8%	(0.0)%	1.0%	Growth forecasts are lower than historical average due to forecast economic softening over 2023/24. Forecasts are within normal historical band.
Group 2, 15 - 150 kVA connections	2.2%	(1.0)%	2.0%	4.2%	(2.1)%	(3.5)%	2.1%	1.0%	1.0%	
Groups 1&2	0.8%	2.3%	0.1%	4.7%	(1.5)%	3.3%	2.6%	0.3%	1.0%	
Group 3, Greater than 150 kVA	3.7%	1.1%	2.7%	3.7%	1.0%	0.0%	2.7%	3.8%	1.0%	

Note: For budget purposes, volumes for Groups 1 and 2 are forecast as a combined figure.



**Attachment B Prices, Quantities and Revenue for Pricing year 01 April 2023 to 31 March 2024**

Category/Description	Unit of Measure	Price Code	Transmission & Pass Through			Final Price	Billing Quantity	Total Revenue
			Distribution Price	Price	Discount Price			
<b>Unmetered Connections</b>								
Unmetered Streetlight	Watts	OSTL	0.00098	0.00017	0	0.00115	435,884	183,463
Low Capacity Connection	ICP	0UNM	0.5197	0.0803	0	0.6	69	15,152
Unmetered Streetlight Connection	ICP	0S	0	0	0	0	0	0
<b>Low-Use 15 kVA Residential (&lt;8,000 kWh pa)</b>								
Daily price	ICP	1RL	0.3585	0.0915	0	0.45	19,114	3,204,088
Uncontrolled	kWh	1RLANY	0.0623	0.0141	0.0313	0.0451	9,865,326	444,926
Day (of day/night)	kWh	1RLDAY	0.0681	0.0159	0.035	0.049	1,825,442	89,447
Default	kWh	1RLDEF	0.0623	0.0141	0.0313	0.0451	1,321,812	59,614
Night	kWh	1RLNIT	0.0331	0.0086	0.0106	0.0311	1,904,975	59,245
Off-peak	kWh	1RLOFP	0.0526	0.0141	0.025	0.0417	29,224,867	1,218,677
Peak	kWh	1RLPEK	0.0704	0.0141	0.0366	0.0479	35,543,933	1,702,554
Controlled water	kWh	1RLWSR	0.0368	0.0098	0.0144	0.0322	28,324,313	912,043
Export	kWh	1RLGEN	0	0	0	0	2,039,603	0
<b>Standard 15kVA Residential (&gt;8,000 kWh pa)</b>								
Daily price	ICP	1RS	0.8238	0.2362	0	1.06	16,466	6,372,427
Uncontrolled	kWh	1RSANY	0.0411	0.0074	0.0313	0.0172	14,264,356	245,347
Day (of day/night)	kWh	1RSDAY	0.0469	0.0092	0.035	0.0211	2,722,033	57,435
Default	kWh	1RSDEF	0.0411	0.0074	0.0313	0.0172	1,868,804	32,143
Night	kWh	1RSNIT	0.0119	0.0019	0.0106	0.0032	2,620,156	8,384
Off-peak	kWh	1RSOFP	0.0314	0.0074	0.025	0.0138	42,164,702	581,873
Peak	kWh	1RSPEK	0.0492	0.0074	0.0366	0.02	49,406,678	988,134
Controlled water	kWh	1RSWSR	0.0156	0.0031	0.0144	0.0043	34,292,913	147,460
Export	kWh	1RSGEN	0	0	0	0	1,399,616	0
<b>Non-Residential 15 kVA connections</b>								
Daily price	ICP	1GL	0.8238	0.2362	0	1.06	3,864	1,485,444
Uncontrolled	kWh	1GLANY	0.0411	0.0074	0.0313	0.0172	4,099,127	70,505
Day (of day/night)	kWh	1GLDAY	0.0469	0.0092	0.035	0.0211	873,854	18,438
Default	kWh	1GLDEF	0.0411	0.0074	0.0313	0.0172	295,074	5,075
Night	kWh	1GLNIT	0.0119	0.0019	0.0106	0.0032	474,355	1,518
Off-peak	kWh	1GLOFP	0.0314	0.0074	0.025	0.0138	5,996,089	82,746
Peak	kWh	1GLPEK	0.0492	0.0074	0.0366	0.02	8,462,543	169,251
Controlled water	kWh	1GLWSR	0.0156	0.0031	0.0144	0.0043	1,534,010	6,596
Export	kWh	1GLGEN	0	0	0	0	107,178	0
<b>General (20-150 kVA), 2,716 connections.</b>								
Daily capacity price	kVA/day	2	0.0778	0.0267	0	0.1045	131,300	5,021,831
Uncontrolled	kWh	2ANY	0.0508	0.0074	0.0287	0.0295	15,290,186	451,060
Day (of day/night)	kWh	2DAY	0.0581	0.0081	0.0322	0.034	19,640,889	667,790
Default	kWh	2DEF	0.0508	0.0074	0.0287	0.0295	1,090,020	32,156
Night	kWh	2NIT	0.0204	0	0.0084	0.012	8,277,617	99,331
Off-peak	kWh	2OFP	0.0392	0.0074	0.023	0.0236	21,566,909	508,979
Peak	kWh	2PEK	0.0586	0.0074	0.0325	0.0335	31,844,068	1,066,776
Controlled water	kWh	2WSR	0.0283	0.0004	0.0125	0.0162	3,262,798	52,857
Export	kWh	2GEN	0	0	0	0	798,457	0
<b>Residential Low Fixed (20 and 30 kVA capacity)</b>								
Daily capacity price	ICP	2LLFC	0.4161	0.0339	0	0.45	62	10,211
Uncontrolled	kWh	2LANY	0.1029	0.0303	0.0287	0.1045	59,750	6,244
Day (of day/night)	kWh	2LDAY	0.1102	0.031	0.0322	0.109	62,852	6,851
Default	kWh	2LDEF	0.1029	0.0303	0.0287	0.1045	6,924	724
Night	kWh	2LNIT	0.0725	0.0229	0.0084	0.087	28,939	2,518
Off-peak	kWh	2LOFP	0.0913	0.0303	0.023	0.0986	151,407	14,929
Peak	kWh	2LPEK	0.1107	0.0303	0.0325	0.1085	187,853	20,382
Controlled water	kWh	2LWSR	0.0804	0.0233	0.0125	0.0912	59,668	5,442
Export	kWh	2LGEN	0	0	0	0	19,780	0
<b>Residential Low Fixed (40 to 150 kVA capacity)</b>								
Daily capacity price	ICP	2HLFC	0.4161	0.0339	0	0.45	5	824
Uncontrolled	kWh	2HANY	0.174	0.0547	0.0287	0.2	4,805	961
Day (of day/night)	kWh	2HDAY	0.1813	0.0554	0.0322	0.2045	0	0
Default	kWh	2HDEF	0.174	0.0547	0.0287	0.200000	184	37
Night	kWh	2HNIT	0.1436	0.0473	0.0084	0.182500	0	0
Off-peak	kWh	2HOFP	0.1624	0.0547	0.023	0.1941	4,364	847
Peak	kWh	2HPEK	0.1818	0.0547	0.0325	0.204	4,656	950
Controlled water	kWh	2HWSR	0.1515	0.0477	0.0125	0.1867	5,341	997
Export	kWh	2LGEN	0	0	0	0	19,780	0
<b>High Load Factor (Up to 150 kVA)</b>								
Daily capacity price	kVA-day	HLF	0.4585	0.0715	0.0978	0.4322	2,950	466,646
Uncontrolled	kWh	HLFANY	0.0129	0.0019	0.0076	0.0072	927,302	6,677
Day (of day/night)	kWh	HLFDAY	0.0141	0.0021	0.0079	0.0083	3,152,513	26,166
Default	kWh	HLFDEF	0.0129	0.0019	0.0076	0.0072	54,107	390
Night	kWh	HLFNIT	0.0038	0.0008	0.003	0.0016	1,219,392	1,951
Off-peak	kWh	HLFOFP	0.0099	0.0019	0.0061	0.0057	1,255,815	7,158
Peak	kWh	HLFPEK	0.0156	0.0019	0.009	0.0085	1,395,412	11,861
Controlled water	kWh	HLFWSR	0.0059	0.001	0.0054	0.0015	57,820	87
Export	kWh	HLFGEN	0.0000	0	0	0	20,954	0
<b>Category 3.1</b>								
Anytime Demand (Distribution)	kVA-day	AnyDem31	0.1196	0.006	0.0126	0.1130	2,059	85,156
Summer Day kWh	kWh	SD31	0.0063	0	0.0020	0.0043	4,122,231	17,726
Summer Night kWh	kWh	SN31	0.0031	0	0.0011	0.0020	1,697,953	3,396
Winter Day kWh	kWh	WD31	0.011	0	0.0034	0.0076	2,795,076	21,243
Winter Night kWh	kWh	WN31	0.0031	0	0.0011	0.0020	1,119,489	2,239
Generation export	kWh	3.1GEN	0.0000	0	0	0	0	0
<b>Category 3.3</b>								
Anytime Demand (Distribution)	kVA-day	AnyDem33	0.1436	0.006	0.0163	0.1333	2,498	121,872
Summer Day kWh	kWh	SD33	0.0187	0	0.0059	0.0128	4,106,252	52,560
Summer Night kWh	kWh	SN33	0.01	0	0.0030	0.0070	1,830,019	12,810
Winter Day kWh	kWh	WD33	0.0479	0	0.0149	0.0330	2,325,454	76,740
Winter Night kWh	kWh	WN33	0.01	0	0.0030	0.0070	972,914	6,810
Generation export	kWh	3.3GEN	0.0000	0	0	0	2,270,361	0
<b>Category 3.4</b>								
Anytime Demand (Distribution)	kVA-day	AnyDem34	0.1533	0.006	0.0174	0.1419	51,147	2,656,340

Network Tasman Limited  
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Summer Day kWh	kWh	SD34	0.0187	0	0.0059	0.0128	54,549,181	698,230
Summer Night kWh	kWh	SN34	0.01	0	0.0030	0.0070	19,476,434	136,335
Winter Day kWh	kWh	WD34	0.0479	0	0.0149	0.0330	43,208,562	1,425,883
Winter Night kWh	kWh	WN34	0.01	0	0.0030	0.0070	16,024,898	112,174
Reactive power charge	kVAr	kVAr3.4	0.3111	0	0	0.3111	87	9,906
Generation export	kWh	3.4GEN	0.0000	0	0	0	24,111	0
<b>Category 3.5</b>								
Anytime Demand (Distribution)	kVA-day	AnyDem35	0.1436	0.006	0.0163	0.1333	3,037	148,169
Summer Day kWh	kWh	SD35	0.0127	0	0.0039	0.0088	4,553,308	40,069
Summer Night kWh	kWh	SN35	0.0079	0	0.0025	0.0054	2,038,823	11,010
Winter Day kWh	kWh	WD35	0.0409	0	0.0128	0.0281	3,551,057	99,785
Winter Night kWh	kWh	WN35	0.0079	0	0.0025	0.0054	1,616,267	8,728
Generation export	kWh	3.5GEN	0.0000	0	0	0	0	0
Anytime Demand (Transmission)	ANY_T	KVA	0	0.1116	0	0.1116	53,249	2,174,987
<b>Large or Special Connections</b>								
Generator 1	ICP	MAT	28.4829544	7.460001429	0	35.9	1	13,155
Generator 1	kWh	MATANY	0	0.0001484	0	0.0001484	30,000	4
Generator 1	kWh	MATGEN	0	0.0001484	0	0.0001484	20,400,000	3,027
Generator 2	ICP	CB	4377.02	621.2461368	0	4,998	1	1,829,365
Generator 2	kWh	CBGEN	0	0	0	0	0	0
Large Connection 6.1	ICP	6.1	672.1285519	3066.488107	74.74	3,664	1	1,340,979
Large Connection 6.1	kWh	EAL	0	0.0001484	0	0.0001484	96,136,407	14,267
Large Connection 6.2	ICP	6.2	720.3464481	516.4864607	111.1	1,126	1	412,018
Large Connection 6.2	kWh	EAL	0	0.0001484	0	0.0001484	16,271,619	2,415
Embedded Network	ICP	NEL	0	4255.491239	0	4,255.4912	1	1,557,510
Embedded Network	kWh	EAL	0	0.0001484	0	0.0001484	91,137,880	13,525
Generator 3 Ntw Charge	ICP		1.87			2	1	684
Generator 4 Ntw Charge	ICP		17			17	1	6,144
Generator 5 Ntw Charge	ICP		1			1	1	360
<b>Network Connection Applications Fee</b>								
NCA Admin G0	per application		125	0	0	125	8	1,000
NCA Admin G1	per application		250	0	0	250	755	188,750
NCA Admin G2	per application		325	0	0	325	50	16,250
NCA Admin G3	per application		400	0	0	400	10	4,000
<b>Solar Connections Fee</b>								
<u>SSDG &lt; 10kW</u>								
Part 1	per application		200	0	0	200	3	600
Part 1a	per application		100	0	0	100	549	54,900
SSDG > 10kW and < 100	per application		500	0	0	500	27	13,500
SSDG > 100 and <1000	per application		1000	0	0	1000	1	1,000
SSDG > 1000	per application		5000	0	0	5000	0	0
<b>Network Development Levy</b>								
NDL - Group 1 uncapped	kVA*km		94	0	0	94	1,306	122,192
NDL - Group 1 Capped	per application		3,250	0	0	3,250	0	0
NDL - Group 2	kVA*km		341	0	0	341	311	106,191
NDL - Subdivision	per application		2,170.75	0	0	0	0	0
<b>Network Tasman Forecast Revenue from Prices 2023-24</b>							<b>40,279,621</b>	

Note1. The final values in the revenue column is the amount in our financial forecast/budget. Multiplying the quantities by the prices does not exactly equate with the given quantities for some fixed charges due to rounding. The number of days is <= 366 for the mass-market billed ICPs due to retailer reporting