2025 Annual Price-Setting Compliance Statement

For the assessment period

1 April 2024 - 31 March 2025

29 February 2024

Pursuant to:

Electricity Distribution Services Default Price-Quality Path Determination 2020 (20 May 2020 and amended 10 November 2023)

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1. INTRODUCTION

1.1 Background

The 2025 assessment period is the fifth and final assessment period of the Electricity Distribution Services Default Price-Quality Path Determination 2020 ("the Determination")[1] and covers the 12 months to 31 March 2025.

This annual price-setting compliance statement ("the Statement") is submitted to the Commerce Commission (the Commission) by Vector Limited ("Vector") before the start of the 2025 assessment period pursuant to clauses 11.1 to 11.3 of the Determination.

Under clause 8.4 of the Determination, Vector's forecast revenue from prices must not exceed the lesser of:

- the forecast allowable revenue for the 2025 assessment period; and
- the forecast revenue from prices for the 2024 assessment period multiplied by (1+ limit on annual percentage increase in forecast revenue from prices).

The Statement includes the calculations of Vector's forecast revenue from prices, forecast allowable revenue and supporting information for all components of their calculations.

The Statement was approved for issue on 20 February 2024 and published on 29 February 2024. In the Statement, references to Vector relate only to Vector's electricity distribution business.

1.2 Statement of compliance

As required by clause 11.2(a) of the Determination, the Statement confirms Vector's compliance with the price path in clause 8.4 set for Vector in respect of the 2025 assessment period.

1.3 Disclaimer

The information contained in the Statement has been prepared for the express purpose of complying with the requirements of clauses 11.1 to 11.3 of the Determination. The Statement has not been prepared for any other purpose. Vector expressly disclaims any liability to any other party who may rely on the Statement for any other purpose.

For presentation purposes, some numbers in the Statement have been rounded. In most cases calculations are based on more detailed numbers. This may cause small discrepancies or rounding inconsistencies when aggregating some of the information presented in the Statement. These discrepancies do not affect the overall compliance calculations which are based on the more detailed information.

[1] Available at https://comcom.govt.nz/__data/assets/pdf_file/0025/216862/Electricity-distribution-services-default-price-quality-path-determination-2020-consolidated-20-May-2020-20-May-2020.pdf and https://comcom.govt.nz/__data/assets/pdf_file/0028/333991/Electricity-Distribution-Services-Default-Price-Quality-Path-Innovation-Project-Allowance-Approval-Criteria-Amendment-Determination-2023.pdf

2. PRICE PATH

2.1 Price path compliance

As required by clause 8.4 of the Determination, in order to demonstrate compliance with the price path, Vector must demonstrate that its forecast revenue from prices does not exceed the lesser of:

- the forecast allowable revenue for the 2025 assessment period; and
- the forecast revenue from prices for the 2024 assessment period multiplied by (1+ limit on annual percentage increase in forecast revenue from prices).

Vector has defined that latter term as allowable forecast revenue from prices and the lesser of these two terms as the maximum forecast allowable revenue, therefore Vector's forecast revenue from prices must not exceed the maximum forecast allowable revenue for the 2025 assessment period.

As outlined in Table 1 below, Vector complies with the price path, in accordance with clause 8.4 of the Determination.

Table 1: Vector price path compliance 2025		
Formula: $FRFP_{2025} \leq MFAR_{2025}$		
Component	**Description**	**Value ($000)**
$FRFP_{2025}$	Forecast revenue from prices 2025	709,946
$MFAR_{2025}$	Maximum forecast allowable revenue 2025	709,997
Result:	**$709,946 ≤ $709,997**	

The method of calculation of forecast revenue from prices for the 2025 assessment period is set out in schedule 1.3 of the Determination and presented with Vector values in Table 2 below.

Table 2: Forecast revenue from prices 2025		
Formula: $FRFP_{2025} = \sum P_{i,2025} Q_{i,2025}$		
Component	**Description**	**Value ($000)**
$\sum P_{i,2025} Q_{i,2025}$	Prices 2025 x forecast quantities 2025 [2]	709,946
$FRFP_{2025}$:	**Forecast revenue from prices 2025**	709,946

The method of calculation of maximum forecast allowable revenue for the 2025 assessment period is set out under clause 8.4 of the Determination and presented with Vector values in Table 3 below.

Table 3: Maximum forecast allowable revenue 2025		
Formula: $MFAR_{2025} = \min(FAR_{2025}, AFRFP_{2025})$		
Component	**Description**	**Value ($000)**
FAR_{2025}	Forecast allowable revenue 2025	709,997
$AFRFP_{2025}$	Allowable forecast revenue from prices 2025	714,787
$MFAR_{2025}$	**Maximum forecast allowable revenue 2025**	**709,997**

[2] An outline of how quantities are forecast is included in Appendix 1. Details of $\sum P_{i,2025} Q_{i,2025}$ are included in Appendix 2.

The method of calculation of forecast allowable revenue for the 2025 assessment period is set out in Schedule 1.5 of the Determination and presented with Vector values in Table 4 below.

Table 4: Forecast allowable revenue 2025		
Formula: $FAR_{2025} = FNAR_{2025} + FPRC_{2025} + OWAB_{2025} + PTBA_{2025}$		
Component	**Description**	**Value ($000)**
$FNAR_{2025}$	Forecast net allowable revenue 2025 [3]	420,646
$FPRC_{2025}$	Forecast pass-through and recoverable costs 2025 [4]	221,077
$OWAB_{2025}$	Opening wash-up account balance 2025 [5]	68,274
$PTBA_{2025}$	Pass-through balance allowance 2025 [6]	-
FAR_{2025}:	**Forecast allowable revenue 2025 [7]**	**709,997**

The method of calculation of allowable forecast revenue from prices for the 2025 assessment period is set out under clause 8.4 of the Determination and presented with Vector values in Table 5 below.

Table 5: Allowable forecast revenue from prices 2025		
Formula: $AFRFP_{2025} = FRFP_{2024} \times (1+ \text{limit})$		
Component	**Description**	**Value ($000)**
$FRFP_{2024}$	Forecast revenue from prices 2024 [8]	649,807
$FRFP_{2024} \times$ limit	Limit on annual percentage change (10%)	64,980
$AFRFP_{2025}$	**Allowable forecast revenue from prices 2025**	**714,787**

2.2 Forecast pass-through costs and recoverable costs

Forecast allowable revenue includes a forecast of pass-through and recoverable costs excluding any recoverable cost that is a revenue wash-up draw down amount.[9] These costs have been determined in accordance with Part 3.1.2-3 of the Electricity Distribution Services Input Methodologies Determination 2012 (consolidated 20 May 2020) ("Input Methodologies") which defines pass-through costs and recoverable costs.[10] Schedule 1.5 (3) of the Determination requires that all forecasts of pass-through costs and recoverable costs used to calculate 'forecast allowable revenue' must be demonstrably reasonable.

[3] Forecast net allowable revenue is set out in schedule 1.4 of the Determination.
[4] Details of forecast pass-through and recoverable costs are included in section 2.2.
[5] Details of the opening wash-up account balance are included in section 2.3.
[6] The pass-through balance allowance is nil for the third to fifth assessment periods, as set out in clause 4.2 of the Determination.
[7] As part of forecast pass-through and recoverable costs detailed in section 2.2, the incremental rolling incentive (IRIS) adjustment is specified in Schedule 2.2 of the Determination and the capex wash-up adjustment is specified in clause 3.1.3 of the Input Methodologies.
[8] Forecast revenue from prices for 31 March 2024 is from the 2024 Annual Price-Setting Compliance Statement (available at https://www.vector.co.nz/about-us/regulatory/disclosures-electricity/price-quality-path).
[9] The revenue wash-up drawn down amount is the opening wash-up account balance as included in section 2.3.
[10] Available at https://comcom.govt.nz/__data/assets/pdf_file/0017/60542/Electricity-distribution-services-input-methodologies-determination-2012-consolidated-20-May-2020-20-May-2020.pdf

Table 6 summarises the forecast methods and the pass-through and recoverable costs used to set prices for the 2025 assessment period. All other pass-through and recoverable costs not included Table 6 are not applicable to Vector for the 2025 assessment period.

Table 6: Forecast pass-through and recoverable costs 2025			
Cost type	**Description**	**Forecast method**	**Value ($000)**
Pass-through costs	Local Authority rates	Historic base plus 5.2% plus $11.7m targeted rate [11]	19,677
	Commerce Act levy	Based on letter provided to Vector on the final review of Commission's Part 4 energy funding consultation paper[12] and historic trend of total industry levy	2,035
	Electricity Authority levy	From current trend and proposed EA appropriation	1,729
	Utility Disputes levy	Historic trend	410
	Total pass-through costs		**23,851**
Recoverable costs	Incremental rolling incentive scheme ("IRIS") incentive adjustment	As per the Commission's financial model, with updated OPEX, commissioned asset value and weighted average asset life	5,164
	Transpower electricity lines service charges	As notified by Transpower	185,518
	Transpower new investment charges	As notified by Transpower	7,235
	Distributed generation allowance	Based on demand and Transpower's 2025 interconnection rates	-
	Quality incentive allowance	Determined from the 2022 assessment period and adjusted for the time value of money	(1,650)
	Fire and Emergency New Zealand levy	Historic plus CPI change	582
	CAPEX wash-up	As per the Commission's financial model, updated commissioned asset value	377
	Total recoverable costs		**197,226**
Total forecast pass-through and recoverable costs excluding revenue wash-up drawn down amount			**221,077**

2.3 Opening wash-up account balance

Forecast allowable revenue includes the recovery of the opening wash-up account balance which is defined in schedule 1.7 of the Determination. The opening wash-up account balance (which was nil for

[11] Auckland Council has included a targeted vegetation management rate on Vector from 1 July 2021 of $10.5m (inflation adjusted) per year to fund enhanced maintenance of the Council's trees that present a risk to the electricity lines network.

[12] Consultation paper available at https://comcom.govt.nz/__data/assets/pdf_file/0024/229830/Part-4-energy-levy-funding-consult ation-paper-10-Dec-2020.pdf.

the first and second assessments periods) used to set prices for the 2025 assessment period is presented in Table 7 below.

Table 7: Opening wash-up account balance 2025		
Formula: $OWAB_{2025} = (WUA_{2023} - VUAF_{2023}) \times (1+ WACC)^2$		
Component	**Description**	**Value ($000)**
WUA_{2023}	Wash-up amount 2023 [13]	62,845
$- VUAF_{2023}$	Voluntary undercharging amount foregone 2023 [14]	-
$(WUA_{2023} - VUAF_{2023}) \times WACC^2$	67th percentile estimate of post-tax WACC (4.23%) [15]	5,429
$OWAB_{2025}$:	**Opening wash-up account balance 2025**	**68,274**

2.4 Voluntary undercharging

As specified in clause 4.2 of the Determination, the voluntary undercharging amount foregone is the voluntary undercharging floor less the forecast revenue in prices however if the forecast revenue from prices is greater voluntary undercharging revenue floor, then the amount foregone is nil. Table 8 below details the voluntary undercharging calculations for the 2025 assessment period.

Table 8: Voluntary undercharging revenue floor and amount foregone 2025		
Formula: $VURF_{2025} = \min\{FAR_{2025} \times VUT , AFRFP_{2025}\}$ $VUAF_{2025} = \max\{VURF_{2025} - FRFP_{2025} , 0)$		
Component	**Description**	**Value ($000)**
$FAR_{2025} \times VUT$	Forecast allowable revenue 2025 times the voluntary undercharging threshold (90%) [16]	638,997
$AFRFP_{2025}$	Allowable forecast revenue from prices 2025 [17]	714,787
$VURF_{2025}$:	**Voluntary undercharging revenue floor 2025**	**638,997**
$- FRFP_{2025}$	Forecast revenue from prices 2025 [18]	(709,946)
$VUAF_{2025}$:	**Voluntary undercharging amount foregone 2025**	**-**

[13] Wash-up account 2023 is from the 2023 Annual Compliance Statement (available at https://www.vector.co.nz/about-us/regulatory/disclosures-electricity/price-quality-path).
[14] Details of the voluntary undercharging amount forgone are included in section 2.4.
[15] 67th percentile estimate of post-tax WACC as defined in clause 4.2 of the Determination.
[16] Forecast allowable revenue 2025 is from Table 4.
[17] Allowable forecast revenue from prices 2025 is from Table 5.
[18] Forecast revenue from prices 2025 is from Table 2.

Appendix 1: Forecast quantities

Schedule 1.3 of the Determination requires all forecast quantities used to calculate the forecast revenue from prices to be demonstrably reasonable.

Consumer group quantity forecasts

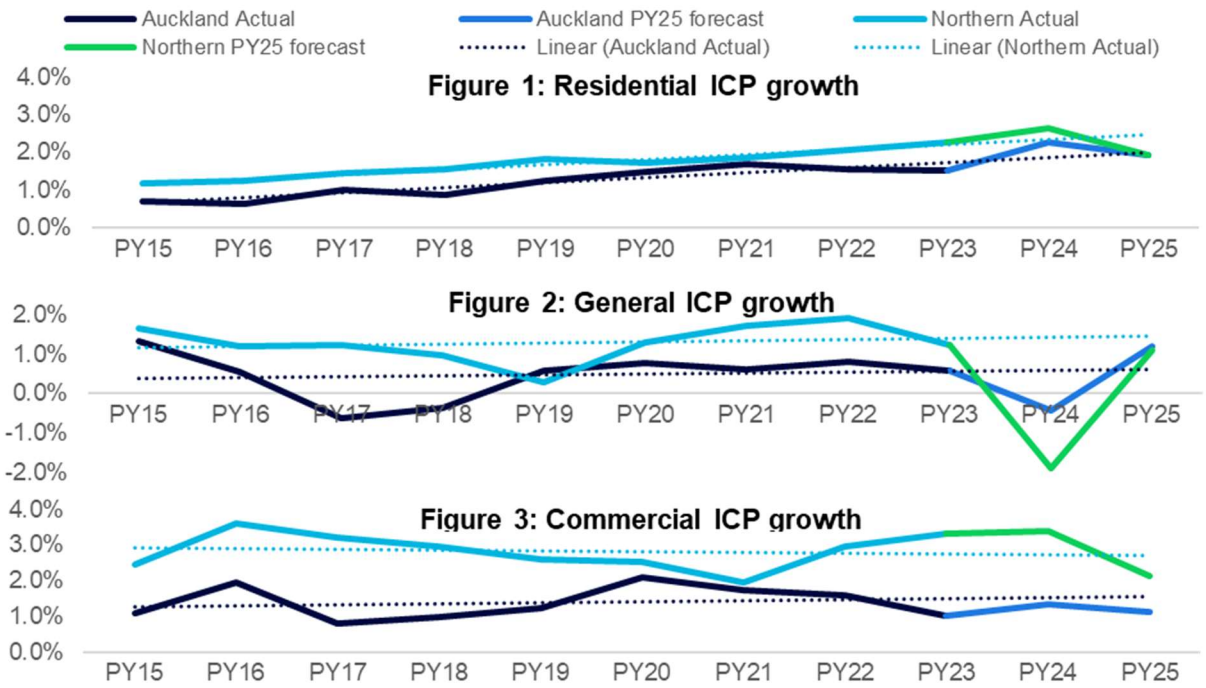
Vector produces network load forecasts as part of its Asset Management Plan (AMP). The same bottom-up approach is used for price setting to forecast monthly connections (ICPs), energy volumes, capacity, demand, and power factor by consumer groups (residential, general and commercial)[19] and by network (Auckland and Northern). The latest forecast available for pricing setting, was prepared in August 2023 and is based on actual billed data to June 2023.

ICP forecasts

The forecast monthly total connections are driven by three areas: namely prior months total connections, gross connections and movements:

- Gross connections are based on the Auckland Forecasting Centre's household and employment forecasts[20] which are converted into ICPs (by using the historic ratios of ICPs to household numbers (for residential) or to employment numbers (for general and commercial)).
- Movements are the historic monthly average from July 2021 to June 2023 of disconnections, reconnections, decommissioned and transfers to embedded networks.

Figures 1-3 show ICP growth for the consumer groups which illustrate that the growth in the forecast ICPs are reasonable when compared with the historic trends and fluctuations.[21] The forecast decrease in PY24 for general ICPs is due to a slowdown in building developments which typically use the general price category for their temporary building supply. This flows into a lower residential and commercial growth in PY25.



[19] For further information on how consumer groups (and price categories) are defined, see our pricing methodology, available at www.vector.co.nz/about-us/regulatory/disclosures-electricity/pricing-methodology.

[20] The Auckland Forecasting Centre's household/employment forecasts consider Statistics NZ forecasts and local knowledge of building developments, council plans and strategy.

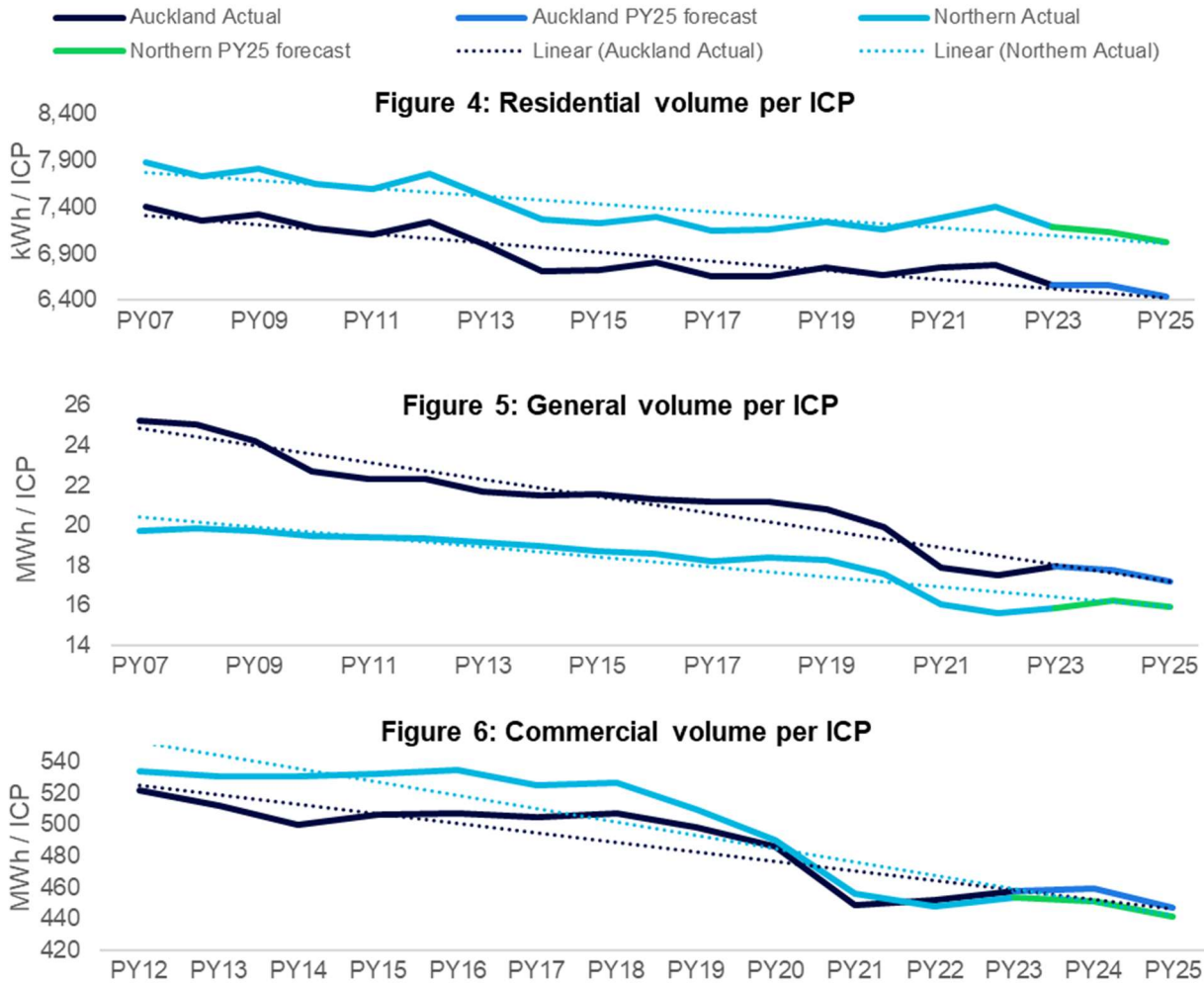
[21] PY is pricing year which is also the assessment period.

Volume forecasts

Volume forecasts by consumer group are determined by multiplying the forecasted monthly volume per ICP by the forecast number of ICPs. Forecasted volumes per ICP are calculated using historic annual trend lines and the annual amounts are allocated to each month based on their historic contributions.

- Residential and general volume data are available and used from July 2006 to June 2023, whereas commercial volume data are available and used from July 2011 to June 2023 (as volumes cannot be split between standard and non-standard ICPs prior to July 2011).
- Previous forecasts for PY23 and PY24 and the current forecasts for PY24 and PY25 have been estimated using the machine learning forecasting model and various trends (short term, long term, including Covid-19 years, excluding Covid-19 years). The long-term trend is deemed to be the most appropriate for the PY25 forecast volumes, as it demonstrated to be the most reliable forecast compared to actual volumes for PY23 and year-to-date PY24.

Figures 4-6 show volumes per ICP for the consumer groups. This illustrates that the use of long-term trends are reasonable for the volume forecasts with Covid-19's impact in PY21 and PY22.



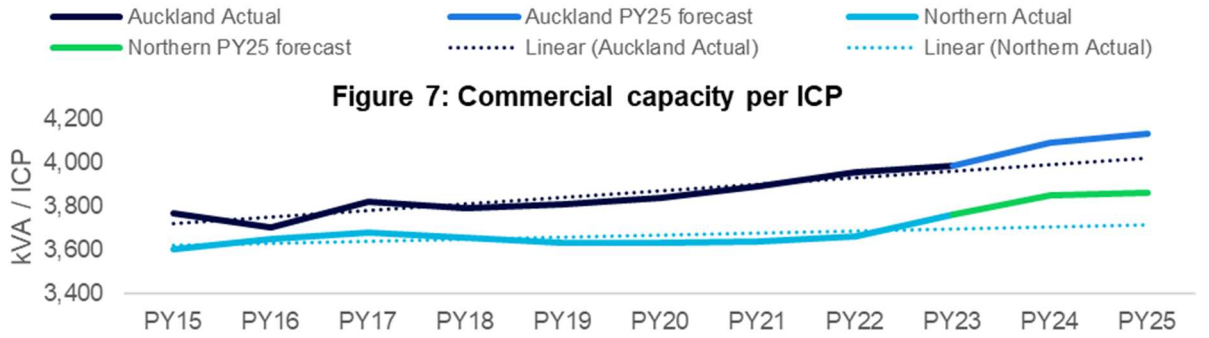
Capacity, demand and power factor forecasts

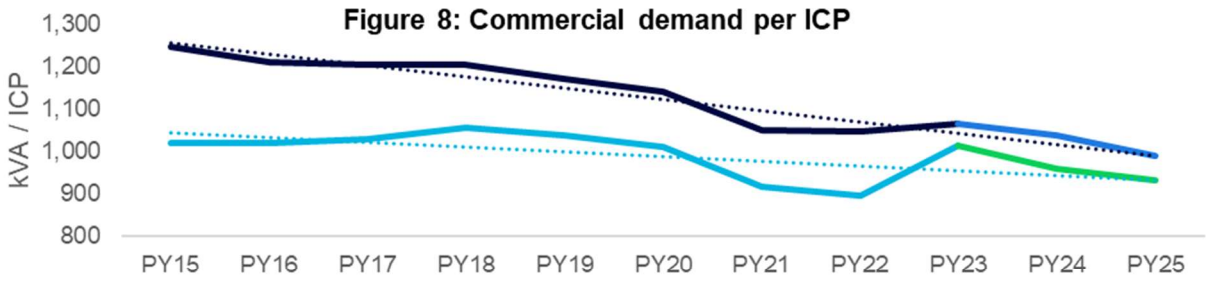
Commercial capacity, demand and power factor forecasts are determined by forecasted monthly quantity per ICP times the forecast number of ICPs. Annual values are the summation of monthly values.

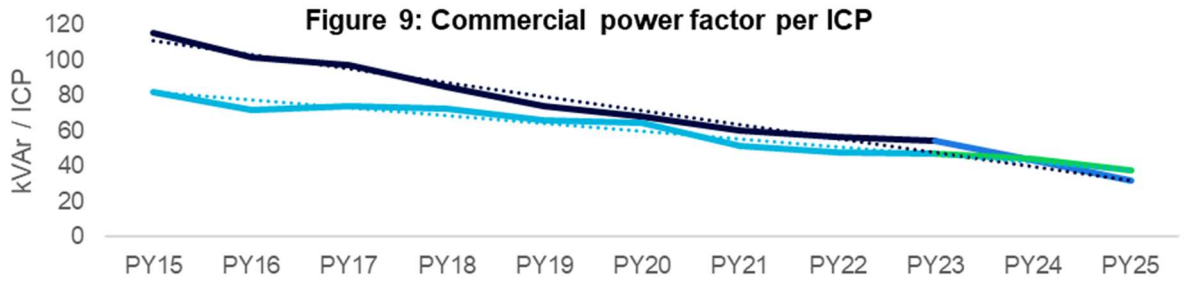
Forecasted capacities per ICP are calculated using historic monthly trend lines. Forecasted demand (or power factor) per ICP are calculated using historic annual trend lines and the annual amounts are allocated to each month based on their historic contributions.

- Capacity, demand and power factor data are reliably available and used from July 2014 to June 2023.
- The long-term trend is deemed to be the most appropriate for the PY25 forecast quantities, as it demonstrated to be the most reliable forecast compared to actual quantities for year-to-date PY24.
- The allocation of annual demand (or power factor) per ICP into monthly values is based on the average contribution to annual demand (or power factor) per ICP for that month using historic data (from PY2015 to PY2020).

Figures 7-9 show capacity, demand and power factor per ICP for the commercial consumer group which illustrate that the use of the historic trends is reasonable for these forecasts with Covid-19's impact shown on demand in PY21 and PY22.







Price category quantity forecasts

Consumer group to price category forecasts

For the 2025 assessment period, price category level quantities are required for all pricing components except injection volumes as these have a zero price so are not forecast.

The annual forecasts of connections, energy volumes, capacity, demand and power factor by consumer group are converted into the relevant billed quantities and apportioned into price category level quantities using the actual historic splits within the consumer groups.

- Fixed quantities (number of days) are estimated using the average of year beginning and year end forecast ICPs for the 2025 assessment period multiplied by number of days in the year.
- Annual volumetric quantities (kWh) are the same as the annual energy volume forecast.
- Annual capacity (kVA.days), demand (kVA.days) and power factor (kVAr.days) quantities are estimated by using their annual forecasts (sum of monthly quantities) multiplied the average days per month (365/12). This is because it is required to add the number of days in (multiple by 365) and remove the month summation (divide by 12).

Actual price category level quantities for the 2023 assessment period[22] were used as the basis to apportion the relevant 2025 assessment period consumer group forecast quantities into price categories.

Price category quantity modifications

For residential and general ICPs, modifications to ICP and volumes quantities were required to shift quantities between price categories, however there is no overall change in quantities. The modifications are required as there are changes to the eligibility criteria for price categories (controlled), new price categories (distributed energy resources) and changes to price components (time of use).

For commercial ICPs, additional quantities were added to the zone substation price category as three ICPs currently on non-standard prices are expected to move to this price category and new price categories (sub-transmission)

These changes are shown in Table 9 below.

Table 9: Price category changes requiring quantity adjustments

Consumer group	Price categories	Change	Assumption
Residential	Distributed energy resources (DER)	Price categories for TOU ICPs with controllable load	Estimated 0.2% of residential ICPs will move to DER
Residential / general	Time of use (TOU)	Continued transition to the mandatory TOU price categories	Estimated 80% of residential ICPs will be on TOU Estimated 64% of general ICPs will be on TOU
		Differing peak rate depending on time of year. Summer (Oct - Mar) peak rate equals the off-peak rate Winter (Apr - Sep) peak rate greater than off-peak rate	Estimated 57% of residential peak volume in winter period Estimated 47% of general peak volume in winter period

[22] Billed quantities for the 2023 assessment period are from the 2023 Annual Compliance Statement available at https://www.vector.co.nz/about-us/regulatory/disclosures-electricity/price-quality-path).

Zone substation	Time of use (TOU)	Two ICPs moved to this price category in PY24 and four ICPs currently on non-standard prices expected to move to the Auckland zone substation price category	Estimated quantities based in the ICPs historic consumption data
Sub-transmission	Time of use (TOU)	Price categories for high voltage ICPs	No quantities forecast, not anticipated to have any ICPs.

The 2025 forecast price categories level quantities can be found in Appendix 2.

Appendix 2: 2025 Line charges and forecast quantities

	$P_{i,2025}\ Q_{i,2025}$
Northern charges between 1 April 2024 to 31 March 2025	$186,730,025
Auckland charges between 1 April 2024 to 31 March 2025	$322,556,666
Non-standard charges between 1 April 2024 to 31 March 2025	$7,764,807
GXP transmission charges between 1 April 2024 to 31 March 2025	$192,753,489
Total charges between 1 April 2024 to 31 March 2025	**$709,804,987**

Northern line charges between 1 April 2024 to 31 March 2025

Residential - time of use

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
WRHLC	WRHLC-FIXD	Fixed, low user	$/day	0.6000	32,292,897	$ 19,375,738
WRHLC	WRHLC-OFPK	Volumetric, controlled, off peak	$/kWh	0.0378	316,143,143	$ 11,950,211
WRHLC	WRHLC-PEAK	Volumetric, controlled, peak (summer)	$/kWh	0.0378	58,279,570	$ 2,202,968
WRHLC	WRHLC-PEAK	Volumetric, controlled, peak (winter)	$/kWh	0.1361	79,315,997	$ 10,794,907
WRHLD	WRHLD-FIXD	Fixed, low user	$/day	0.6000	97,073	$ 58,244
WRHLD	WRHLD-OFPK	Volumetric, DER, off peak	$/kWh	0.0319	950,331	$ 30,316
WRHLD	WRHLD-PEAK	Volumetric, DER, peak (summer)	$/kWh	0.0319	175,189	$ 5,589
WRHLD	WRHLD-PEAK	Volumetric, DER, peak (winter)	$/kWh	0.1302	238,425	$ 31,043
WRHLU	WRHLU-FIXD	Fixed, low user	$/day	0.6000	7,417,437	$ 4,450,462
WRHLU	WRHLU-OFPK	Volumetric, uncontrolled, off peak	$/kWh	0.0378	70,277,359	$ 2,656,484
WRHLU	WRHLU-PEAK	Volumetric, uncontrolled, peak (summer)	$/kWh	0.0378	13,004,576	$ 491,573
WRHLU	WRHLU-PEAK	Volumetric, uncontrolled, peak (winter)	$/kWh	0.1361	16,656,262	$ 2,266,917
WRHSC	WRHSC-FIXD	Fixed, standard user	$/day	1.4300	21,013,871	$ 30,049,835
WRHSC	WRHSC-OFPK	Volumetric, controlled, off peak	$/kWh	-	409,498,374	$ -
WRHSC	WRHSC-PEAK	Volumetric, controlled, peak (summer)	$/kWh	-	75,313,931	$ -
WRHSC	WRHSC-PEAK	Volumetric, controlled, peak (winter)	$/kWh	0.0983	99,446,527	$ 9,775,594
WRHSD	WRHSD-FIXD	Fixed, standard user	$/day	1.3000	71,538	$ 92,999
WRHSD	WRHSD-OFPK	Volumetric, DER, off peak	$/kWh	-	1,394,060	$ -
WRHSD	WRHSD-PEAK	Volumetric, DER, peak (summer)	$/kWh	-	256,392	$ -
WRHSD	WRHSD-PEAK	Volumetric, DER, peak (winter)	$/kWh	0.0983	338,547	$ 33,279
WRHSU	WRHSU-FIXD	Fixed, standard user	$/day	1.4300	6,076,336	$ 8,689,160
WRHSU	WRHSU-OFPK	Volumetric, uncontrolled, off peak	$/kWh	-	111,209,994	$ -
WRHSU	WRHSU-PEAK	Volumetric, uncontrolled, peak (summer)	$/kWh	-	21,469,840	$ -
WRHSU	WRHSU-PEAK	Volumetric, uncontrolled, peak (winter)	$/kWh	0.0983	24,775,687	$ 2,435,450

Residential - exemption

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
WRNLC	WRNLC-FIXD	Fixed, low user	$/day	0.6000	6,859,222	$ 4,115,533
WRNLC	WRNLC-AICO	Volumetric, controlled, anytime	$/kWh	0.0540	101,829,413	$ 5,498,788
WRNLU	WRNLU-FIXD	Fixed, low user	$/day	0.6000	1,869,831	$ 1,121,899
WRNLU	WRNLU-24UC	Volumetric, uncontrolled, anytime	$/kWh	0.0540	25,165,387	$ 1,358,931
WRNSC	WRNSC-FIXD	Fixed, standard user	$/day	1.4300	5,775,784	$ 8,259,371
WRNSC	WRNSC-AICO	Volumetric, controlled, anytime	$/kWh	0.0162	146,753,810	$ 2,377,412
WRNSU	WRNSU-FIXD	Fixed, standard user	$/day	1.4300	2,831,339	$ 4,048,815
WRNSU	WRNSU-24UC	Volumetric, uncontrolled, anytime	$/kWh	0.0162	50,076,168	$ 811,234

General

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
WBSU	WBSU-FIXD	Fixed	$/day/fitting	0.0617	17,047,304	$ 1,051,819
WBSU	WBSU-24UC	Volumetric, unmetered	$/kWh	0.0237	9,627,208	$ 228,165
WBSH	WBSH-FIXD	Fixed	$/day	1.7400	5,800,818	$ 10,093,423
WBSH	WBSH-OFPK	Volumetric, off peak	$/kWh	-	180,372,793	$ -
WBSH	WBSH-SPEK	Volumetric, peak (summer)	$/kWh	-	38,992,337	$ -
WBSH	WBSH-PEAK	Volumetric, peak (winter)	$/kWh	0.0983	34,637,027	$ 3,404,820
WBSN	WBSN-FIXD	Fixed	$/day	1.7400	2,705,305	$ 4,707,230
WBSN	WBSN-24UC	Volumetric, anytime	$/kWh	0.0162	118,457,990	$ 1,919,019

Low voltage

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
WLVN	WLVN-FIXD	Fixed	$/day	5.9200	323,518	$ 1,915,227
WLVN	WLVN-24UC	Volumetric	$/kWh	0.0250	98,350,979	$ 2,458,774
WLVN	WLVN-CAPY	Capacity	$/kVA/day	0.0568	48,045,272	$ 2,728,971
WLVH(S)	WLVH(S)-FIXD	Fixed	$/day	11.1500	144,214	$ 1,607,989
WLVH(S)	WLVH(S)-24UC	Volumetric	$/kWh	0.0073	155,971,036	$ 1,138,589
WLVH(S)	WLVH(S)-CAPY	Capacity	$/kVA/day	0.0568	35,994,584	$ 2,044,492
WLVH(S)	WLVH(S)-DAMD	Demand	$/kVA/day	0.1321	11,933,264	$ 1,576,384
WLVH	WLVH-PWRF	Power Factor	$/kVAr/day	0.2917	715,980	$ 208,851
WLVHS	WLVHS-PWRF	Power Factor	$/kVAr/day	-	-	$ -

Transformer

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}$ $Q_{i,2025}$
WTXN	WTXN-FIXD	Fixed	$/day	5.9200	31,234	$ 184,903
WTXN	WTXN-24UC	Volumetric	$/kWh	0.0250	16,907,641	$ 422,691
WTXN	WTXN-CAPY	Capacity	$/kVA/day	0.0545	7,476,604	$ 407,475
WTXH(S)	WTXH(S)-FIXD	Fixed	$/day	11.1500	146,913	$ 1,638,085
WTXH(S)	WTXH(S)-24UC	Volumetric	$/kWh	0.0073	398,418,425	$ 2,908,455
WTXH(S)	WTXH(S)-CAPY	Capacity	$/kVA/day	0.0545	100,914,908	$ 5,499,863
WTXH(S)	WTXH(S)-DAMD	Demand	$/kVA/day	0.1321	30,565,954	$ 4,037,763
WTXH	WTXH-PWRF	Power Factor	$/kVAr/day	0.2917	1,138,322	$ 332,048
WTXHS	WTXHS-PWRF	Power Factor	$/kVAr/day	-	-	$ -

High voltage

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}$ $Q_{i,2025}$
WHVN	WHVN-FIXD	Fixed	$/day	5.9200	-	$ -
WHVN	WHVN-24UC	Volumetric	$/kWh	0.0250	-	$ -
WHVN	WHVN-CAPY	Capacity	$/kVA/day	0.0523	-	$ -
WHVH(S)	WHVH(S)-FIXD	Fixed	$/day	11.1500	10,026	$ 111,785
WHVH(S)	WHVH(S)-24UC	Volumetric	$/kWh	0.0073	124,268,695	$ 907,161
WHVH(S)	WHVH(S)-CAPY	Capacity	$/kVA/day	0.0523	18,869,381	$ 986,869
WHVH(S)	WHVH(S)-DAMD	Demand	$/kVA/day	0.1321	8,516,772	$ 1,125,066
WHVH(S)	WHVH(S)-DEXA	Excess demand	$/kVA/day	0.8000	48,421	$ 38,737
WHVH	WHVH-PWRF	Power Factor	$/kVAr/day	0.2917	214,668	$ 62,619
WHVHS	WHVHS-PWRF	Power Factor	$/kVAr/day	-	-	$ -

Zone substation

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}$ $Q_{i,2025}$
WZSH(S)	WZSH(S)-FIXD	Fixed	$/day	3.9300	-	$ -
WZSH(S)	WZSH(S)-24UC	Volumetric	$/kWh	0.0059	-	$ -
WZSH(S)	WZSH(S)-CAPY	Capacity	$/kVA/day	0.1279	-	$ -
WZSH(S)	WZSH(S)-DAMD	Demand	$/kVA/day	0.0243	-	$ -
WZSH(S)	WZSH(S)-DEXA	Excess demand	$/kVA/day	0.8000	-	$ -
WZSH	WZSH-PWRF	Power Factor	$/kVAr/day	0.2917	-	$ -
WZSHS	WZSHS-PWRF	Power Factor	$/kVAr/day	-	-	$ -

Subtransmission

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}$ $Q_{i,2025}$
WSTH(S)	WSTH(S)-FIXD	Fixed	$/day	3.9300	-	$ -
WSTH(S)	WSTH(S)-24UC	Volumetric	$/kWh	0.0059	-	$ -
WSTH(S)	WSTH(S)-CAPY	Capacity	$/kVA/day	0.1023	-	$ -
WSTH(S)	WSTH(S)-DAMD	Demand	$/kVA/day	0.0243	-	$ -
WSTH(S)	WSTH(S)-DEXA	Excess demand	$/kVA/day	0.8000	-	$ -
WSTH	WSTH-PWRF	Power Factor	$/kVAr/day	0.2917	-	$ -
WSTHS	WSTHS-PWRF	Power Factor	$/kVAr/day	-	-	$ -

Auckland line charges between 1 April 2024 to 31 March 2025

Residential - time of use

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}$ $Q_{i,2025}$
ARHLC	ARHLC-FIXD	Fixed, low user	$/day	0.6000	51,396,955	$ 30,838,173
ARHLC	ARHLC-OFPK	Volumetric, controlled, off peak	$/kWh	0.0369	484,063,288	$ 17,861,935
ARHLC	ARHLC-PEAK	Volumetric, controlled, peak (summer)	$/kWh	0.0369	87,969,342	$ 3,246,069
ARHLC	ARHLC-PEAK	Volumetric, controlled, peak (winter)	$/kWh	0.1352	121,717,222	$ 16,456,168
ARHLD	ARHLD-FIXD	Fixed, low user	$/day	0.6000	149,824	$ 89,894
ARHLD	ARHLD-OFPK	Volumetric, DER, off peak	$/kWh	0.0319	1,411,062	$ 45,013
ARHLD	ARHLD-PEAK	Volumetric, DER, peak (summer)	$/kWh	0.0319	256,434	$ 8,180
ARHLD	ARHLD-PEAK	Volumetric, DER, peak (winter)	$/kWh	0.1302	354,810	$ 46,196
ARHLU	ARHLU-FIXD	Fixed, low user	$/day	0.6000	10,762,604	$ 6,457,562
ARHLU	ARHLU-OFPK	Volumetric, uncontrolled, off peak	$/kWh	0.0378	81,189,290	$ 3,068,955
ARHLU	ARHLU-PEAK	Volumetric, uncontrolled, peak (summer)	$/kWh	0.0378	14,817,638	$ 560,107
ARHLU	ARHLU-PEAK	Volumetric, uncontrolled, peak (winter)	$/kWh	0.1361	18,767,173	$ 2,554,212
ARHSC	ARHSC-FIXD	Fixed, standard user	$/day	1.4100	27,556,509	$ 38,854,677
ARHSC	ARHSC-OFPK	Volumetric, controlled, off peak	$/kWh	-	541,781,680	$ -
ARHSC	ARHSC-PEAK	Volumetric, controlled, peak (summer)	$/kWh	-	97,403,296	$ -
ARHSC	ARHSC-PEAK	Volumetric, controlled, peak (winter)	$/kWh	0.0983	132,432,915	$ 13,018,156
ARHSD	ARHSD-FIXD	Fixed, standard user	$/day	1.3000	87,778	$ 114,112
ARHSD	ARHSD-OFPK	Volumetric, DER, off peak	$/kWh	-	1,725,786	$ -
ARHSD	ARHSD-PEAK	Volumetric, DER, peak (summer)	$/kWh	-	310,267	$ -
ARHSD	ARHSD-PEAK	Volumetric, DER, peak (winter)	$/kWh	0.0983	421,850	$ 41,468
ARHSU	ARHSU-FIXD	Fixed, standard user	$/day	1.4300	6,018,254	$ 8,606,103
ARHSU	ARHSU-OFPK	Volumetric, uncontrolled, off peak	$/kWh	-	94,211,022	$ -
ARHSU	ARHSU-PEAK	Volumetric, uncontrolled, peak (summer)	$/kWh	-	17,794,359	$ -
ARHSU	ARHSU-PEAK	Volumetric, uncontrolled, peak (winter)	$/kWh	0.0983	20,749,665	$ 2,039,692

Residential - exemption

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
ARNLC	ARNLC-FIXD	Fixed, low user	$/day	0.6000	9,528,781	$ 5,717,269
ARNLC	ARNLC-AICO	Volumetric, controlled, anytime	$/kWh	0.0531	137,601,642	$ 7,306,647
ARNLU	ARNLU-FIXD	Fixed, low user	$/day	0.6000	3,073,845	$ 1,844,307
ARNLU	ARNLU-24UC	Volumetric, uncontrolled, anytime	$/kWh	0.0540	31,438,186	$ 1,697,662
ARNSC	ARNSC-FIXD	Fixed, standard user	$/day	1.4100	6,979,429	$ 9,840,994
ARNSC	ARNSC-AICO	Volumetric, controlled, anytime	$/kWh	0.0162	166,280,142	$ 2,693,738
ARNSU	ARNSU-FIXD	Fixed, standard user	$/day	1.4300	3,247,134	$ 4,643,401
ARNSU	ARNSU-24UC	Volumetric, uncontrolled, anytime	$/kWh	0.0162	46,075,025	$ 746,415

General

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
ABSU	ABSU-FIXD	Fixed	$/day/fitting	0.0617	26,924,149	$ 1,661,220
ABSU	ABSU-24UC	Volumetric, unmetered	$/kWh	0.0237	15,081,242	$ 357,425
ABSH	ABSH-FIXD	Fixed	$/day	1.7400	8,495,497	$ 14,782,165
ABSH	ABSH-OFPK	Volumetric, off peak	$/kWh	-	291,383,058	$ -
ABSH	ABSH-PEAK	Volumetric, peak (summer)	$/kWh	-	62,615,155	$ -
ABSH	ABSH-PEAK	Volumetric, peak (winter)	$/kWh	0.0983	55,063,159	$ 5,412,708
ABSN	ABSN-FIXD	Fixed	$/day	1.7400	5,203,196	$ 9,053,562
ABSN	ABSN-24UC	Volumetric, anytime	$/kWh	0.0162	250,535,850	$ 4,058,681

Low voltage

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
ALVN	ALVN-FIXD	Fixed	$/day	3.9300	873,232	$ 3,431,801
ALVN	ALVN-24UC	Volumetric	$/kWh	0.0424	232,320,892	$ 9,850,406
ALVN	ALVN-CAPY	Capacity	$/kVA/day	0.0568	133,685,955	$ 7,593,362
ALVT(S)	ALVT(S)-FIXD	Fixed	$/day	3.9300	554,504	$ 2,179,201
ALVT(S)	ALVT(S)-24UC	Volumetric	$/kWh	0.0129	540,379,640	$ 6,970,897
ALVT(S)	ALVT(S)-CAPY	Capacity	$/kVA/day	0.0568	154,399,964	$ 8,769,918
ALVT(S)	ALVT(S)-DAMD	Demand	$/kVA/day	0.1321	43,170,538	$ 5,702,828
ALVT	ALVT-PWRF	Power Factor	$/kVAr/day	0.2917	2,211,333	$ 645,046
ALVTS	ALVTS-PWRF	Power Factor	$/kVAr/day	-	-	$ -

Transformer

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
ATXN	ATXN-FIXD	Fixed	$/day	3.9300	59,411	$ 233,486
ATXN	ATXN-24UC	Volumetric	$/kWh	0.0424	21,919,580	$ 929,390
ATXN	ATXN-CAPY	Capacity	$/kVA/day	0.0545	13,888,823	$ 756,941
ATXN	ATXN-PWRF	Power Factor	$/kVAr/day	-	885	$ -
ATXT	ATXT-FIXD	Fixed	$/day	3.9300	375,914	$ 1,477,343
ATXT	ATXT-24UC	Volumetric	$/kWh	0.0129	1,126,257,923	$ 14,528,727
ATXT	ATXT-CAPY	Capacity	$/kVA/day	0.0545	284,338,026	$ 15,496,422
ATXT	ATXT-DAMD	Demand	$/kVA/day	0.1321	84,621,224	$ 11,178,464
ATXT	ATXT-PWRF	Power Factor	$/kVAr/day	0.2917	2,180,018	$ 635,911
ATXTS	ATXTS-FIXD	Fixed	$/day	3.9300	730	$ 2,869
ATXTS	ATXTS-24UC	Volumetric	$/kWh	0.0129	3,721,444	$ 48,007
ATXTS	ATXTS-CAPY	Capacity	$/kVA/day	0.0545	821,250	$ 44,758
ATXTS	ATXTS-DAMD	Demand	$/kVA/day	0.1321	345,472	$ 45,637
ATXTS	ATXTS-PWRF	Power Factor	$/kVAr/day	-	11,167	$ -

High voltage

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
AHVN	AHVN-FIXD	Fixed	$/day	3.9300	2,616	$ 10,279
AHVN	AHVN-24UC	Volumetric	$/kWh	0.0424	577,279	$ 24,477
AHVN	AHVN-CAPY	Capacity	$/kVA/day	0.0523	527,950	$ 27,612
AHVT(S)	AHVT(S)-FIXD	Fixed	$/day	3.9300	56,048	$ 220,270
AHVT(S)	AHVT(S)-24UC	Volumetric	$/kWh	0.0129	433,228,161	$ 5,588,643
AHVT(S)	AHVT(S)-CAPY	Capacity	$/kVA/day	0.0523	74,953,951	$ 3,920,092
AHVT(S)	AHVT(S)-DAMD	Demand	$/kVA/day	0.1321	30,691,143	$ 4,054,300
AHVT(S)	AHVT(S)-DEXA	Excess demand	$/kVA/day	0.8000	20,433	$ 16,346
AHVT	AHVT-PWRF	Power Factor	$/kVAr/day	0.2917	741,486	$ 216,292
AHVTS	AHVTS-PWRF	Power Factor	$/kVAr/day	-	-	$ -

Zone substation

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
AZST(S)	AZST(S)-FIXD	Fixed	$/day	3.9300	2,190	$ 8,607
AZST(S)	AZST(S)-24UC	Volumetric	$/kWh	0.0059	215,432,169	$ 1,271,050
AZST(S)	AZST(S)-CAPY	Capacity	$/kVA/day	0.1279	19,962,580	$ 2,553,214
AZST(S)	AZST(S)-DAMD	Demand	$/kVA/day	0.0243	15,008,776	$ 364,713
AZST(S)	AZST(S)-DEXA	Excess demand	$/kVA/day	0.8000	975	$ 780
AZST	AZST-PWRF	Power Factor	$/kVAr/day	0.2917	606,718	$ 176,980
AZSTS	AZSTS-PWRF	Power Factor	$/kVAr/day	-	-	$ -

Subtransmission

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
ASTT(S)	ASTT(S)-FIXD	Fixed	$/day	3.9300	-	$ -
ASTT(S)	ASTT(S)-24UC	Volumetric	$/kWh	0.0059	-	$ -
ASTT(S)	ASTT(S)-CAPY	Capacity	$/kVA/day	0.1023	-	$ -
ASTT(S)	ASTT(S)-DAMD	Demand	$/kVA/day	0.0243	-	$ -
ASTT(S)	ASTT(S)-DEXA	Excess demand	$/kVA/day	0.8000	-	$ -
ASTT	ASTT-PWRF	Power Factor	$/kVAr/day	0.2917	-	$ -
ASTTS	ASTTS-PWRF	Power Factor	$/kVAr/day	-	-	$ -

Non-standard line charges between 1 April 2024 to 31 March 2025

Non-standard ICPs have a quantity of one for price compliance. This is because they are charged an annual line charge, billed monthly, that covers their capital contribution and upstream distribution costs.

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
NS	WN25-1	Fixed	$/year	$ 264,564	1	$ 264,564
NS	WN25-2	Fixed	$/year	$ 543,660	1	$ 543,660
NS	WN25-3	Fixed	$/year	$ -	1	$ -
NS	WN25-4	Fixed	$/year	$ 219,256	1	$ 219,256
NS	AN25-1	Fixed	$/year	$ -	1	$ -
NS	AN25-2	Fixed	$/year	$ 981,480	1	$ 981,480
NS	AN25-3	Fixed	$/year	$ 1,066,498	1	$ 1,066,498
NS	AN25-4	Fixed	$/year	$ -	1	$ -
NS	AN25-5	Fixed	$/year	$ 422,580	1	$ 422,580
NS	AN25-6	Fixed	$/year	$ 802,433	1	$ 802,433
NS	AN25-7	Fixed	$/year	$ -	1	$ -
NS	AN25-8	Fixed	$/year	$ 796,644	1	$ 796,644
NS	AN25-9	Fixed	$/year	$ 582,386	1	$ 582,386
NS	AN25-10	Fixed	$/year	$ 832,197	1	$ 832,197
NS	AN25-11	Fixed	$/year	$ 334,932	1	$ 334,932
NS	AN25-12	Fixed	$/year	$ 72,846	1	$ 72,846
NS	AN25-13	Fixed	$/year	$ 284,808	1	$ 284,808
NS	AN25-14	Fixed	$/year	$ 60,856	1	$ 60,856
NS	AN25-15	Fixed	$/year	$ -	1	$ -
NS	AN25-16	Fixed	$/year	$ -	1	$ -
NS	AN25-17	Fixed	$/year	$ -	1	$ -
NS	AN25-18	Fixed	$/year	$ 499,668	1	$ 499,668

Grid Exit Point (GXP) transmission charges between 1 April 2024 and 31 March 2025

Transmission charges are priced at the GXP with percentage share as the unit, rather than priced at the ICP with a nominal unit. The quantities are 1,200,000 representing 12 months times 100,000.

Price category and code		Description	Units	$P_{i,2025}$	$Q_{i,2025}$	$P_{i,2025}\ Q_{i,2025}$
GXP	ALB	Fixed	$/month per 1/1000%	$ 17.0062	1,200,000	$ 20,407,481
GXP	HEN	Fixed	$/month per 1/1000%	$ 8.3912	1,200,000	$ 10,069,449
GXP	HEP	Fixed	$/month per 1/1000%	$ 11.6897	1,200,000	$ 14,027,650
GXP	LFD	Fixed	$/month per 1/1000%	$ 0.8179	1,200,000	$ 981,471
GXP	SVL	Fixed	$/month per 1/1000%	$ 7.4768	1,200,000	$ 8,972,167
GXP	WEL	Fixed	$/month per 1/1000%	$ 3.0732	1,200,000	$ 3,687,839
GXP	WRD	Fixed	$/month per 1/1000%	$ 6.8627	1,200,000	$ 8,235,296
GXP	HOB	Fixed	$/month per 1/1000%	$ 6.8558	1,200,000	$ 8,226,929
GXP	MNG	Fixed	$/month per 1/1000%	$ 11.1439	1,200,000	$ 13,372,724
GXP	OTA	Fixed	$/month per 1/1000%	$ 5.3994	1,200,000	$ 6,479,335
GXP	PAK	Fixed	$/month per 1/1000%	$ 11.8509	1,200,000	$ 14,221,110
GXP	PEN	Fixed	$/month per 1/1000%	$ 38.3768	1,200,000	$ 46,052,101
GXP	ROS	Fixed	$/month per 1/1000%	$ 12.5467	1,200,000	$ 15,056,095
GXP	TAK	Fixed	$/month per 1/1000%	$ 9.2136	1,200,000	$ 11,056,265
GXP	WIR	Fixed	$/month per 1/1000%	$ 9.9230	1,200,000	$ 11,907,577

Appendix 3: Directors' certification

Schedule 6: Form of Director's Certificate for Annual Price-Setting Compliance Statement

Clause 11.2(c)

I, Doug McKay, being director of Vector Limited certify that, having made all reasonable enquiry, to the best of my knowledge and belief, the attached annual price-setting compliance statement of Vector 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

26 February 2024

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.