Firstlightnetwork®

Default Price-Quality Path Annual Compliance Statement

Assessment Period

1 April 2024 – 31 March 2025

Contents page

1. Introduction

Firstlight Network is subject to price-quality regulation under Part 4 of the Commerce Act 1986. The Commerce Commission has set a Default Price-Quality Path (DPP) which applies to Firstlight Network from 1 April 2020.
This annual compliance statement is published in accordance with clause 11.4 of the 2020 DPP Determination, and applies to the fifth assessment period, commencing 1 April 2024 and ending 31 March 2025.

2. Date prepared

This statement was prepared on 13 August 2025.

3. Wash-up amount

3.1 Statement of compliance

As demonstrated in Table 1 in Section 3.2, and consistent with clause 8.6 of the 2020 DPP Determination Firstlight Network has complied with the wash-up amount calculation for the fifth assessment period.

3.2 Wash-up amount calculation

Table 1

Wash-up amount RY25		
Term	Description	Value ($000)
Actual allowable revenue (AAR)	*Sum of actual net allowable revenue, actual pass-through and recoverable costs, pass-through balance and revenue wash-up draw down amount*	37,450
Actual revenue (AR)	*Sum of actual revenue from prices plus other regulated income*	33,105
Revenue foregone (RV)	*Actual net allowable revenue x (revenue reduction percentage - 20%) when revenue reduction percentage is greater than 20%, otherwise nil*	-
Wash-up amount	*AAR - AR - RV*	**4,345**

Further information supporting actual allowable revenue is included in Section 3.2.1.

Further information supporting actual revenue is included in Section 3.2.2.

Further information supporting revenue foregone is included in Section 3.2.3.

3.2.1 Actual allowable revenue

Table 2 below shows the actual allowable revenue for the assessment period consistent with Schedule 1.6 of the 2020 DPP Determination. Below is also a CPI adjustment calculation used to calculate the Actual net allowable revenue.

Table 2

Actual allowable revenue RY25		
Term	Description	Value ($000)
Actual net allowable revenue previous ($ANAR_{previous}$)	*$ANAR_{previous}$ is the actual net allowable revenue of the previous assessment period*	28,473
ΔCPI_t	*is the dervied change in CPI to be applied for the assessment period*	2.55%
X	*X Factor is the annual rate of change specified in Schedule 1.2 of the Determination*	0.00%
Actual net allowable revenue (ANAR)	*ANAR for the fifth assessment period is the amount calculated using the formula ANAR previous * (1 + ΔCPIt) * (1 - X)*	29,200
Actual pass-through costs	*Sum of all pass-through costs that were incurred or approved by the Commission in the assessment period*	524
Actual recoverable costs	*Sum of all recoverable costs that were incurred or approved by the Commission in the assessment period*	5,446
Opening wash-up account balance	*For the third to fifth assessment period of the DPP regulatory period, the closing wash-up account balance of the previous assessment period*	2,280
Total actual allowable revenue (AAR)	*Actual net allowable revenue + actual pass-through costs and actual recoverable costs – (pass-through balance x (1 + 67 th* percentile estimate of post-tax WACC))	**37,450**

ΔCPI_{2025}			
Denominator		Numerator	
$CPI_{Jun2023}$	1231	$CPI_{Jun2024}$	1272
$CPI_{Sep2023}$	1253	$CPI_{Sep2024}$	1280
$CPI_{Dec2023}$	1259	$CPI_{Dec2024}$	1287
$CPI_{Mar2024}$	1267	$CPI_{Mar2025}$	1299
ΔCPI_{2025}	**2.55%**		

Further information supporting actual pass-through costs, actual recoverable costs and the pass-through balance is included in Appendix A.

3.2.2 Actual revenue

Table 3 below shows actual revenue for the assessment period consistent with clause 4.2 of the 2020 DPP Determination.

Table 3

Actual revenue RY25		
Term	Description	Value ($000)
Actual revenue from prices	*Actual prices between 1 April 2024 and 31 March 2025 multiplied by actual quantities for the assessment period*	32,764
Other regulated income	*Other income associated with supply of electricity distribution services*	341
Total actual revenue (AR)	*Sum of actual revenue from prices plus other regulated income*	**33,105**

Further information supporting actual revenue from prices is included in Appendix B.

3.2.3 Revenue foregone.

Table 4 below shows the revenue foregone consistent with clause 4.2 of the 2020 DPP Determination.

Table 4

Revenue foregone RY25		
Term	Description	Value ($000)
Actual net allowable revenue (ANAR)	*Amount specified as forecast net allowable revenue for the fifth assessment period*	29,200
Revenue reduction percentage (RRP)	*1 - (actual revenue from prices / forecast revenue from prices)*	0.06%
Revenue foregone (RV)	*Actual net allowable revenue x (RRP- 20%) when RRP is greater than 20%, otherwise nil*	**-**

4. Quality standards

4.1 Statement of compliance with planned interruptions quality standards

Firstlight Network is subject to a planned accumulated SAIDI limit and a planned accumulated SAIFI limit which are assessed for the DPP regulatory period as stated in clause 9.2 of the 2020 DPP Determination.

Table 5 and Table 6 below show the planned accumulated SAIDI and SAIFI limits for Firstlight Network for the DPP regulatory period and the planned SAIDI and SAIFI assessed values for the fifth assessment period.

Table 5

Planned interruptions quality standard - SAIDI	
Sum of planned SAIDI assessed values ≤ Planned accumulated SAIDI limit	
Planned accumulated SAIDI limit	1,290.68
Sum of planned SAIDI assessed value to the fifth assessment period	514.65
Compliance result	**Compliant**

Table 6

Planned interruptions quality standard - SAIFI	
Sum of planned SAIFI assessed values ≤ Planned accumulated SAIFI limit	
Planned accumulated SAIFI limit	7.4745
Sum of planned SAIFI assessed value to the fifth assessment period	3.5462
Compliance result	**Compliant**

Further information supporting planned SAIDI and SAIFI assessed values is included in Section 4.1.1.

4.1.1 Planned SAIDI and SAIFI assessed values.

Table 7 and Table 8 below show Firstlight Network's planned SAIDI and SAIFI assessed values for the assessment period.

Table 7

Planned SAIDI assessed value RY25		
Term	Description	Value
Class B non-notified interruptions		22.06
Class B notified interruptions falling outside window		6.87
$SAIDI_B$	*Sum of Class B non-notified interruptions*	28.93
Class B notified interruptions falling inside window		164.54
Class B intended interruptions cancelled without notice		20.58
Class B intended interruptions cancelled with notice		-
$SAIDI_N$	*Sum of Class B notified interruptions*	185.12
Planned SAIDI assessed value	$SAIDI_B + (SAIDI_N/2)$	121.49

Table 8

Planned SAIFI assessed value RY25		
Term	Description	Value
Planned SAIFI assessed value	*Sum of Class B interruptions commencing within the assessment period*	1.0286

4.2 Statement of compliance with unplanned interruptions quality standards

As demonstrated in Table 9 and 10 below, and consistent with clause 9.7 of the 2020 DPP Determination, Firstlight Network has not complied with the unplanned interruptions SAIDI and SAIFI quality standards.

This statement is accompanied by Unplanned Interruption Report explaining the non-compliance with Unplanned SAIDI and SAIFI limits as per reporting requirements specified in clause 12.4 of the DPP Determination.

Table 9

Unplanned interruptions quality standard RY25 - SAIDI		
Unplanned SAIDI assessed value ≤ Unplanned SAIDI limit		
Unplanned SAIDI limit		219.46
Unplanned SAIDI assessed value	*Sum of normalised SAIDI values for Class C interruptions commencing within the assessment period*	261.36
Compliance result		**Not Compliant**

Table 10

Unplanned interruptions quality standard RY25 - SAIFI		
Unplanned SAIFI assessed value ≤ Unplanned SAIFI limit		
Unplanned SAIFI limit		3.1525
Unplanned SAIFI assessed value	*Sum of normalised SAIFI values for Class C interruptions commencing within the assessment period*	3.5086
Compliance result		**Not Compliant**

Information about policies, procedures and calculations for measuring planned and unplanned interruptions during the assessment period is in Appendix C.

4.2.1 Major events

Table 11 and Table 12 below show the SAIDI and SAIFI values attributed to major events which occurred during the assessment period.

Further information about major events is included in Appendix D.

Table 11

Unplanned SAIDI major events RY25			
Start	End	Pre-normalised unplanned SAIDI	Normalised unplanned SAIDI
24/06/2024 18:00	27/06/2024 10:30	104.9895	9.0564
12/08/2024 14:30	13/08/2024 18:30	15.4259	2.0087
17/08/2024 6:00	19/08/2024 12:30	63.6100	5.4560
26/12/2024 12:00	28/12/2024 17:00	72.0567	7.2844

Table 12

Unplanned SAIFI major events RY25			
Start	End	Pre-normalised unplanned SAIFI	Normalised unplanned SAIFI
25/06/2024 0:30	26/06/2024 23:30	0.3795	0.0779
7/10/2024 22:00	9/10/2024 21:00	0.1921	0.0082
7/03/2025 6:00	8/03/2025 17:00	0.1784	0.0098

4.3 Statement of compliance with extreme event standard

As demonstrated in Table 13 below, and consistent with clause 9.9 of the 2020 DPP Determination Firstlight Network has complied with the extreme event standard.

Table 13

Extreme event standard RY25	
Unplanned SAIDI value ≤ 120 minutes, and customer interruption minutes ≤ six million during any 24-hour period, excluding unplanned interruptions from major external factors	
Number of extreme events	Compliance result
-	Compliant

4.4 Quality Incentive Adjustment

Table 14 below shows Firstlight Network's quality incentive adjustment for the assessment period.

Table 14

Quality Incentive Adjustment RY25		
Term	Description	Value ($000)
SAIDI planned adjustment	*(SAIDI planned, target - SAIDI planned, assessed) x 0.5 x IR*	(50)
SAIDI unplanned adjustment	*(SAIDI unplanned, target - SAIDI unplanned, assessed) x IR*	(128)
Total adjustment	*SAIDI planned adjustment + SAIDI unplanned adjustment*	(177)
Revenue at risk	*0.02 * ANAR*	584
Total (penalty)/reward		(177)
67th percentile estimate of post-tax WACC		4.23%
Quality incentive adjustment		**(192)**

Table 15 below shows Firstlight Network's quality incentive adjustment inputs consistent with Schedule 4 of the 2020 DPP Determination.

Table 15

Quality Incentive Adjustment Inputs RY25					
Term	Units	Value	Term	Units	Value
SAIDI planned interruption cap	minutes	258.14	SAIDI unplanned interruption cap	minutes	219.46
SAIDI planned interruption collar	minutes	-	SAIDI unplanned interruption collar	minutes	-
SAIDI planned interruption target	minutes	86.05	SAIDI unplanned interruption target	minutes	173.85
Planned SAIDI assessed value	minutes	121.49	Unplanned SAIDI assessed value	minutes	261.36
Incentive rate		2,797			
Actual net allowable revenue (ANAR)	$000	29,200			
SAIDI planned interruption target	minutes	86	SAIDI unplanned interruption target	minutes	174
Minimum of the planned SAIDI cap and assessed value	minutes	121	Minimum of the unplanned SAIDI cap and assessed value	minutes	219
Planned SAIDI subject to incentive	minutes	(35)	Unplanned SAIDI subject to incentive	minutes	(46)
Adjustment (IR x 0.5)	$	1,399	Adjustment (IR)	$	2,797
SAIDI planned adjustment	$000	(50)	SAIDI unplanned adjustment	$000	(128)

5. Transactions

Firstlight Network has not entered into any agreements with another EDB or Transpower for an amalgamation, merger, major transaction, or transfer in the assessment period.

6. Director's certification

A Director's certificate in the form set out in Schedule 7 of the 2020 DPP Determination is included as Appendix E.

7. Assurance report

An assurance report meeting the requirements of Schedule 8 of the 2020 DPP Determination is included in Appendix F.

Appendix A – Pass-through and recoverable costs

Pass-through costs

Table 16

Actual and forecast pass-through costs RY25				
Actual pass-through costs	Actual ($000)	Forecast ($000)	Forecast variance ($000)	Explanation for variances
Rates on system fixed assets	283	250	33	Unexpected increase in rates as the forecasts were based on the previous year's invoice at the time of price setting which were adjusted based on CPI increase.
Commerce Act levies	135	120	15	Forecast based on RY23 actuals with the CPI component. Levies set year to year are subject to change in the program of work. Variance attributable to DPP reset and IM review
Electricity Authority levies	88	63	25	Forecast based on RY23 actuals with the CPI component. Higher than expected levies from EA
Utilities Disputes levies	18	17	1	Forecasts were based on the previous year's invoice at the time of price setting.
Total actual pass-through costs	**524**	**450**	**74**	

Recoverable cost

Table 17

Actual and forecast recoverable costs RY25				
Actual recoverable costs	Actual ($000)	Forecast ($000)	Forecast variance ($000)	Explanation for variances
IRIS incentive adjustment	(367)	(367)	-	
Transmission charges	4,541	4,541	-	
New investment contract charges	75	75	-	
System operator services charges			-	
Avoided transmission charges			-	
Distributed generation allowance			-	
Claw-back			-	
Catastrophic event allowance	1,381	-	1,381	Catastrophic event reopener application approved by the Commerce Commission
Extended reserves allowance			-	
Quality incentive adjustment	(172)	(172)	-	
Capex wash-up adjustment	(83)	(83)	-	
Reconsideration event allowance			-	
Quality standard variation engineers fee			-	
Urgent project allowance			-	
Fire and Emergency NZ levies	71	59	12	Forecasts were based on the previous year's invoice at the time of price setting. Higher than expected premiums
Innovation project allowance			-	
Total actual recoverable costs	**5,446**	**4,053**	**1,392**	

Pass through balance.

Table 18

Opening wash-up account balance RY25		
Term	Description	Value ($000)
Wash-up amout for the previous assessment period	*Pass-through balance for the assessment period ending 31 March 2023*	2,099
Voluntary undercharging amount foregone for the previous assessment period	*An estimate of the pass-through balance as at 31 March 2023*	-
67th percentile estimate of post-tax WACC		4.23%
Opening wash-up account balance RY25	*(Wash-up amount - voluntary undercharging amount foregone) x (1 + 67th percentile estimate of post-tax*	**2,280**

Appendix B – Prices and quantities

Table 19 shows the actual prices and quantities for actual revenue from prices for the fifth assessment period.

Table 19

Actual revenue from prices RY25				
Price Category	Unit	Unit price	Actual quantity	Actual revenue ($000)
DOMLFC Fixed	*$/day*	*0.6000*	*11,934*	*2,614*
DOMLFC Peak	*$/kWh*	*0.1807*	*8,993,092*	*1,625*
DOMLFC Off Peak + Night	*$/kWh*	*0.0875*	*19,795,258*	*1,732*
DOMLFC Uncontrolled	*$/kWh*	*0.1169*	*19,738,710*	*2,307*
DOMLFC Controlled	*$/kWh*	*0.1025*	*12,498,857*	*1,281*
DOMSTD Fixed	*$/day*	*2.1809*	*8,682*	*6,911*
DOMSTD Peak	*$/kWh*	*0.0889*	*10,218,979*	*908*
DOMSTD Off Peak + Night	*$/kWh*	*0.0278*	*23,808,389*	*662*
DOMSTD Uncontrolled	*$/kWh*	*0.0478*	*24,175,559*	*1,156*
DOMSTD Controlled	*$/kWh*	*0.0240*	*14,297,270*	*343*
COM0050 Fixed	*$/day*	*2.4971*	*4,572*	*4,167*
COM0050 Peak	*$/kWh*	*0.0776*	*4,683,537*	*363*
COM0050 Off Peak + Night	*$/kWh*	*0.0234*	*11,826,640*	*277*
COM0050 Uncontrolled	*$/kWh*	*0.0392*	*21,007,087*	*823*
COM0050 Controlled	*$/kWh*	*0.0229*	*2,218,759*	*51*
COM0100 Fixed	*$/day*	*9.7303*	*438*	*1,557*
COM0100 Peak	*$/kWh*	*0.0995*	*2,672,943*	*266*
COM0100 Off Peak + Night	*$/kWh*	*0.0329*	*6,918,486*	*228*
COM0100 Uncontrolled	*$/kWh*	*0.0490*	*12,619,113*	*618*
COM0100 Controlled	*$/kWh*	*0.0323*	*265,108*	*9*
COM0300 Fixed	*$/day*	*20.2129*	*121*	*895*
COM0300 Morning Peak	*$/kWh*	*0.0421*	*3,649,428*	*154*
COM0300 Night	*$/kWh*	*0.0153*	*3,181,118*	*49*
COM0300 Evening Peak	*$/kWh*	*0.0451*	*2,138,779*	*96*
COM0300 Off Peak	*$/kWh*	*0.0275*	*4,689,517*	*129*
COM0300 Uncontrolled	*$/kWh*	*0.0493*	*6,154,207*	*303*
COM0500 Fixed	*$/day*	*48.7710*	*25*	*438*
COM0500 Morning Peak	*$/kWh*	*0.0244*	*2,652,583*	*65*
COM0500 Night	*$/kWh*	*0.0089*	*2,776,760*	*25*
COM0500 Evening Peak	*$/kWh*	*0.0262*	*1,597,330*	*42*
COM0500 Off Peak	*$/kWh*	*0.0159*	*3,290,349*	*52*
COM1000 Fixed	*$/day*	*95.0390*	*25*	*869*
COM1000 Morning Peak	*$/kWh*	*0.0227*	*7,984,486*	*181*
COM1000 Night	*$/kWh*	*0.0085*	*9,308,786*	*79*
COM1000 Evening Peak	*$/kWh*	*0.0243*	*5,308,841*	*129*
COM1000 Off Peak	*$/kWh*	*0.0152*	*10,931,295*	*166*
COM4500 Fixed	*$/day*	*233.5269*	*3*	*256*
COM4500 Morning Peak	*$/kWh*	*0.0294*	*5,887,291*	*173*
COM4500 Night	*$/kWh*	*0.0107*	*7,700,674*	*82*

Table 19 continued

Actual revenue from prices RY25				
Price Category	Unit	Unit price	Actual quantity	Actual revenue ($000)
COM4500 Evening Peak	$/kWh	0.0314	3,977,656	125
COM4500 Off Peak	$/kWh	0.0194	8,391,387	163
COM6500 Fixed	$/day	285.4261	1	104
COM6500 Morning Peak	$/kWh	0.0366	60,367	2
COM6500 Night	$/kWh	0.0133	92,821	1
COM6500 Evening Peak	$/kWh	0.0391	41,745	2
COM6500 Off Peak	$/kWh	0.0242	82,996	2
GEN4500 Fixed	$/day	70.1445	1	26
GEN6500 Fixed	$/day	134.1233	1	49
GEN6500 Uncontrolled	$/kWh	0.0340	123,491	4
GENCN01 Fixed	$/day	22.7650	1	8
GENCN01 Uncontrolled	$/kWh	0.0346	20,337	1
OTH0003 Fixed	$/day	0.5608	74	15
OTH0003 Uncontrolled	$/kWh	0.1169	196,738	23
DUML Fixed	$/day	0.0745	5,141	140
DUML Uncontrolled	$/kWh	0.0836	1,136,379	95
STLGM Fixed	$/day	0.0737	243	7
STLGM Uncontrolled	$/kWh	0.0984	40,650	4
DOMLFC Peak - RY24 wash-ups	$/kWh	0.1588	20,603	3
DOMLFC Off Peak + Night - RY24 wash-ups	$/kWh	0.0882	126,118	11
DOMLFC Uncontrolled - RY24 wash-ups	$/kWh	0.1116	(731,683)	(82)
DOMLFC Controlled - RY24 wash-ups	$/kWh	0.0979	(208,727)	(20)
DOMSTD Peak - RY24 wash-ups	$/kWh	0.0708	22,729	2
DOMSTD Off Peak + Night - RY24 wash-ups	$/kWh	0.0280	191,387	5
DOMSTD Uncontrolled - RY24 wash-ups	$/kWh	0.0427	(501,969)	(21)
DOMSTD Controlled - RY24 wash-ups	$/kWh	0.0229	(40,595)	(1)
COM0050 Peak - RY24 wash-ups	$/kWh	0.0591	14,401	1
COM0050 Off Peak + Night - RY24 wash-ups	$/kWh	0.0237	19,102	-
COM0050 Uncontrolled - RY24 wash-ups	$/kWh	0.0346	(179,470)	(6)
COM0050 Controlled - RY24 wash-ups	$/kWh	0.0208	96,680	2
COM0100 Peak - RY24 wash-ups	$/kWh	0.0829	31,106	3
COM0100 Off Peak + Night - RY24 wash-ups	$/kWh	0.0332	(33,730)	(1)
COM0100 Uncontrolled - RY24 wash-ups	$/kWh	0.0467	50,426	2
COM0100 Controlled - RY24 wash-ups	$/kWh	0.0308	(3,451)	-
COM0300 Morning Peak - RY24 wash-ups	$/kWh	0.0351	29,796	1
COM0300 Night - RY24 wash-ups	$/kWh	0.0155	12,560	-
COM0300 Evening Peak - RY24 wash-ups	$/kWh	0.0376	14,126	1
COM0300 Off Peak - RY24 wash-ups	$/kWh	0.0278	24,331	1
COM0300 Uncontrolled - RY24 wash-ups	$/kWh	0.0411	130,386	5
COM0500 Night - RY24 wash-ups	$/kWh	0.0090	5,428	-
COM0500 Evening Peak - RY24 wash-ups	$/kWh	0.0218	3,353	-
COM0500 Off Peak - RY24 wash-ups	$/kWh	0.0161	5,113	-
COM0500 Morning Peak - RY24 wash-ups	$/kWh	0.0203	3,528	-

Table 19 continued

Actual revenue from prices RY25				
Price Category	Unit	Unit price	Actual quantity	Actual revenue ($000)
COM1000 Night - RY24 wash-ups	*$/kWh*	*0.0086*	-	-
COM1000 Evening Peak - RY24 wash-ups	*$/kWh*	*0.0208*	-	-
COM1000 Off Peak - RY24 wash-ups	*$/kWh*	*0.0154*	-	-
COM1000 Morning Peak - RY24 wash-ups	*$/kWh*	*0.0194*	-	-
COM4500 Morning Peak - RY24 wash-ups	*$/kWh*	*0.0245*	-	-
COM4500 Night - RY24 wash-ups	*$/kWh*	*0.0108*	-	-
COM4500 Evening Peak - RY24 wash-ups	*$/kWh*	*0.0262*	-	-
COM4500 Off Peak - RY24 wash-ups	*$/kWh*	*0.0196*	-	-
COM6500 Morning Peak - RY24 wash-ups	*$/kWh*	*0.0305*	-	-
COM6500 Night - RY24 wash-ups	*$/kWh*	*0.0134*	-	-
COM6500 Evening Peak - RY24 wash-ups	*$/kWh*	*0.0326*	-	-
COM6500 Off Peak - RY24 wash-ups	*$/kWh*	*0.0244*	-	-
GEN6500 Uncontrolled - RY24 wash-ups	*$/kWh*	*0.0309*	-	-
OTH0003 Uncontrolled - RY24 wash-ups	*$/kWh*	*0.1063*	*(2,425)*	-
DUML Uncontrolled - RY24 wash-ups	*$/kWh*	*0.0697*	*93,309*	*7*
STLGM Uncontrolled - RY24 wash-ups	*$/kWh*	*0.0820*	*(34)*	-
Total actual revenue from prices				**32,764**

Table 20 shows the forecast revenue from prices for the fifth assessment period from the price setting compliance statement.

Table 20

Forecast revenue from prices RY25	
Total forecast revenue from prices	**32,784**

Appendix C - Policies and procedures for measuring planned and unplanned interruptions

Following is a summary of policies and procedures used by Firstlight Network during the assessment period for capturing, recording and calculating class B and class C interruptions and planned and unplanned SAIDI and SAIFI assessed values.

Processing planned and intended interruptions.

1. Project manager issues a job to a network approved contractor.
2. The network approved contractor or project manager completes a work application form for a shutdown and emails it to the control room.
3. Work application is assessed and checked by the control room operators.
4. The information from the approved work application is entered into outage manager (an access database) as a new record.
5. When the data has been entered into outage manager an email is generated about the planned shutdown and sent to registry.
6. Attached with the work application is a schematic plan of the work site which includes the transformers that will be affected by the shutdown. These transformers are entered into outage manager. A file is generated in EIEP5 format and sent to file transfer via Axos to the registry, listing the number of ICPs (customers) affected and these are the customers that are used as a basis for the customer minute calculations.
7. A confirmation of EIEP5 transfer is received from registry and checked against sent files. Additionally, an email message summary is sent to the call centre MEP.
8. The outage is then entered into the Firstlight Network website.
9. When the planned outage occurs, the switching is completed by the controller.
10. The controller completes an outage information form.
11. The outage information form is then checked by another controller to verify the information is correct.
12. The outage form is entered into the SAIDI/SAIFI model by the Network Co-ordinator. This is an excel model that calculates SAIDI and SAIFI in accordance with the regulations set out in Electricity Distribution Services Default Price-Quality Path Determination 2020 it is managed by Regulatory Advisor.

13. The Regulatory Advisor would conduct random checks to review the input by the Network Co-ordinator to avoid errors.
14. Regulatory Advisor to check the monthly data. These checks include.
    a. Cross check with outage manager to ensure all outages entered into outage manager are in the SAIDI SAIFI model.
    b. Cross check with outages displayed on website to ensure all outages entered onto website are in the SAIDI SAIFI model.
    c. Cross check on notified interruptions with the website notification to ensure that they comply with the 10-day notification period.
15. The Regulatory Advisor to prepare monthly SAIDI SAIFI reports and present them to the Network team during the third week of the following month.
16. Chief Operating Officer to include the monthly SAIDI SAIFI reports in the monthly board papers.

Processing unplanned interruptions.

1. An unplanned interruption occurs. The fault trips part of the network and this is alerted to the duty controller. During business hours (6:00 am – 6:00 pm), the control room is staffed, and an audible alarm is activated through the SCADA system. Outside of these hours, the alarm is transmitted directly to the duty controller's mobile device.
2. The controller completes the fault switching and the outage information form.
3. The outage form is then checked by another controller.
4. The outage form is entered into the SAIDI/SAIFI model by Network Co-ordinator. This is an excel model that calculates SAIDI and SAIFI in accordance with the regulations set out in Electricity Distribution Services Default Price-Quality Path Determination 2020
5. Most unplanned faults are managed through the control room, but our external call centre can also directly dispatch the fault contractor, particularly for smaller 11kV faults where a fuse operates due to a fault. In such cases, especially after hours- the contractor can patrol, repair, and replace the 11kV fuse without control room involvement. These 11kV fuse faults are recorded by the contractor (Fault man) using the "Safety Culture" app on their phone, capturing key details such as location, MEP number, call centre received time, asset owner, fuses replaced, voltage, asset number, line isolation TX fuse number, fault cause, supply restoration time, and photos. At the end of each month, the control room downloads the fault data from the app into a fuse fault spreadsheet, which is reviewed and updated before being entered into the SAIDI/SAIFI spreadsheet; a

copy of the call centre email is also stored in the SAIDI/SAIFI folder.

6. The Regulatory Advisor reviews the input by the Network Co-ordinator.
7. The Regulatory Advisor is to prepare monthly SAIDI SAIFI reports and present them to the Network team during the third week of the following month.
8. Chief Operating Officer to include the monthly SAIDI SAIFI reports in the monthly board papers.

Numbers of customers used for switching sheets throughout the year.

In the event of an unplanned loss of supply, restoration may be followed by a successive interruption due to isolating the initial cause or making repairs to permanently restore supply to all consumers. For clarity, Firstlight's reported SAIFI records the initial outage and does not include any subsequent short duration (less than a minute) outages needed to restore supply.

At the start of each regulatory period (1 April) asset information team is responsible for completing the customer numbers as at 1 April. These customer numbers will be the ones that are used for the regulatory period and are to be used while completing the outage data forms.

Firstlight Network understands that throughout the year there will be customers disconnected from the network or new customers connections. However, the effort required to track these changes and update customer maps for customer minute purposes does not seem justified so Firstlight Network will only use this one set of customer numbers for the entire period.

ICP count.

The average customer numbers that were generated from Axos (billing system) as part of billing are to be used.

The definition for a customer is: Means any person who is supplied with electricity but does not include any electricity generator or any electricity distributor or retailer.

This means that ICP status AC (Active) is to be included in the average customer numbers for the year.

Appendix D – SAIDI and SAIFI major events

The below tables 21 and 22 show the normalisation of the SAIDI and SAIFI major events that took place during the assessment period, consistent with Schedule 3.2 of the 2020 DPP Determination.

Below each table there is further information pertaining to the major event including location of the event, equipment involved, Firstlight Network's response and future steps to avoid similar events occurring in the future.

Detailed analysis was only done for the main contributing outages to the SAIDI or SAIFI major event.

Table 21

Normalisation of unplanned SAIDI major events RY25	
SAIDI unplanned boundary value	**13.10**

1/48th of the SAIDI unplanned boundary value	24/06/2024 to 27/06/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	24/06/2024 18:00	0.000	0.000
0.273	24/06/2024 18:30	0.000	0.000
0.273	24/06/2024 19:00	0.000	0.000
0.273	24/06/2024 19:30	0.000	0.000
0.273	24/06/2024 20:00	0.000	0.000
0.273	24/06/2024 20:30	0.000	0.000
0.273	24/06/2024 21:00	0.000	0.000
0.273	24/06/2024 21:30	0.000	0.000
0.273	24/06/2024 22:00	0.000	0.000
0.273	24/06/2024 22:30	0.000	0.000
0.273	24/06/2024 23:00	0.000	0.000
0.273	24/06/2024 23:30	0.000	0.000
0.273	25/06/2024 0:00	0.000	0.000
0.273	25/06/2024 0:30	0.000	0.000
0.273	25/06/2024 1:00	0.000	0.000
0.273	25/06/2024 1:30	0.000	0.000
0.273	25/06/2024 2:00	0.000	0.000
0.273	25/06/2024 2:30	0.000	0.000
0.273	25/06/2024 3:00	0.000	0.000
0.273	25/06/2024 3:30	0.000	0.000
0.273	25/06/2024 4:00	0.000	0.000
0.273	25/06/2024 4:30	0.000	0.000
0.273	25/06/2024 5:00	0.000	0.000
0.273	25/06/2024 5:30	0.000	0.000
0.273	25/06/2024 6:00	0.000	0.000
0.273	25/06/2024 6:30	0.000	0.000
0.273	25/06/2024 7:00	0.000	0.000
0.273	25/06/2024 7:30	0.000	0.000
0.273	25/06/2024 8:00	0.000	0.000

1/48th of the SAIDI unplanned boundary value	24/06/2024 to 27/06/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	25/06/2024 8:30	0.000	0.000
0.273	25/06/2024 9:00	0.087	0.087
0.273	25/06/2024 9:30	0.000	0.000
0.273	25/06/2024 10:00	0.000	0.000
0.273	25/06/2024 10:30	0.000	0.000
0.273	25/06/2024 11:00	0.000	0.000
0.273	25/06/2024 11:30	0.035	0.035
0.273	25/06/2024 12:00	3.806	0.273
0.273	25/06/2024 12:30	0.000	0.000
0.273	25/06/2024 13:00	0.000	0.000
0.273	25/06/2024 13:30	0.000	0.000
0.273	25/06/2024 14:00	0.000	0.000
0.273	25/06/2024 14:30	0.000	0.000
0.273	25/06/2024 15:00	0.000	0.000
0.273	25/06/2024 15:30	4.563	0.273
0.273	25/06/2024 16:00	1.985	0.273
0.273	25/06/2024 16:30	0.822	0.273
0.273	25/06/2024 17:00	0.000	0.000
0.273	25/06/2024 17:30	5.069	0.273
0.273	25/06/2024 18:00	3.782	0.273
0.273	25/06/2024 18:30	0.000	0.000
0.273	25/06/2024 19:00	0.557	0.273
0.273	25/06/2024 19:30	12.834	0.273
0.273	25/06/2024 20:00	0.902	0.273
0.273	25/06/2024 20:30	0.516	0.273
0.273	25/06/2024 21:00	7.193	0.273
0.273	25/06/2024 21:30	3.283	0.273
0.273	25/06/2024 22:00	5.823	0.273
0.273	25/06/2024 22:30	4.275	0.273
0.273	25/06/2024 23:00	0.000	0.000
0.273	25/06/2024 23:30	0.000	0.000
0.273	26/06/2024 0:00	0.839	0.273
0.273	26/06/2024 0:30	10.191	0.273
0.273	26/06/2024 1:00	0.000	0.000
0.273	26/06/2024 1:30	0.000	0.000
0.273	26/06/2024 2:00	3.259	0.273
0.273	26/06/2024 2:30	0.000	0.000
0.273	26/06/2024 3:00	0.000	0.000
0.273	26/06/2024 3:30	0.000	0.000
0.273	26/06/2024 4:00	0.693	0.273
0.273	26/06/2024 4:30	0.166	0.166
0.273	26/06/2024 5:00	2.692	0.273
0.273	26/06/2024 5:30	0.685	0.273
0.273	26/06/2024 6:00	0.000	0.000
0.273	26/06/2024 6:30	0.000	0.000
0.273	26/06/2024 7:00	0.246	0.246
0.273	26/06/2024 7:30	7.157	0.273
0.273	26/06/2024 8:00	7.069	0.273
0.273	26/06/2024 8:30	0.000	0.000
0.273	26/06/2024 9:00	0.000	0.000
0.273	26/06/2024 9:30	1.282	0.273
0.273	26/06/2024 10:00	0.055	0.055
0.273	26/06/2024 10:30	1.307	0.273
0.273	26/06/2024 11:00	1.632	0.273

1/48th of the SAIDI unplanned boundary value	24/06/2024 to 27/06/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	26/06/2024 11:30	0.000	0.000
0.273	26/06/2024 12:00	0.003	0.003
0.273	26/06/2024 12:30	5.108	0.273
0.273	26/06/2024 13:00	0.000	0.000
0.273	26/06/2024 13:30	0.682	0.273
0.273	26/06/2024 14:00	0.000	0.000
0.273	26/06/2024 14:30	0.000	0.000
0.273	26/06/2024 15:00	1.270	0.273
0.273	26/06/2024 15:30	0.000	0.000
0.273	26/06/2024 16:00	0.000	0.000
0.273	26/06/2024 16:30	0.306	0.273
0.273	26/06/2024 17:00	0.005	0.005
0.273	26/06/2024 17:30	0.000	0.000
0.273	26/06/2024 18:00	0.000	0.000
0.273	26/06/2024 18:30	0.000	0.000
0.273	26/06/2024 19:00	0.000	0.000
0.273	26/06/2024 19:30	0.000	0.000
0.273	26/06/2024 20:00	0.000	0.000
0.273	26/06/2024 20:30	0.000	0.000
0.273	26/06/2024 21:00	4.472	0.273
0.273	26/06/2024 21:30	0.000	0.000
0.273	26/06/2024 22:00	0.000	0.000
0.273	26/06/2024 22:30	0.000	0.000
0.273	26/06/2024 23:00	0.000	0.000
0.273	26/06/2024 23:30	0.000	0.000
0.273	27/06/2024 0:00	0.000	0.000
0.273	27/06/2024 0:30	0.000	0.000
0.273	27/06/2024 1:00	0.000	0.000
0.273	27/06/2024 1:30	0.000	0.000
0.273	27/06/2024 2:00	0.000	0.000
0.273	27/06/2024 2:30	0.000	0.000
0.273	27/06/2024 3:00	0.000	0.000
0.273	27/06/2024 3:30	0.000	0.000
0.273	27/06/2024 4:00	0.000	0.000
0.273	27/06/2024 4:30	0.000	0.000
0.273	27/06/2024 5:00	0.000	0.000
0.273	27/06/2024 5:30	0.000	0.000
0.273	27/06/2024 6:00	0.000	0.000
0.273	27/06/2024 6:30	0.000	0.000
0.273	27/06/2024 7:00	0.000	0.000
0.273	27/06/2024 7:30	0.000	0.000
0.273	27/06/2024 8:00	0.000	0.000
0.273	27/06/2024 8:30	0.000	0.000
0.273	27/06/2024 9:00	0.000	0.000
0.273	27/06/2024 9:30	0.339	0.273
0.273	27/06/2024 10:00	0.000	0.000
0.273	27/06/2024 10:30	0.000	0.000
Total		**104.989**	**9.056**

SAIDI Major Event Information	
Cause	Gale force winds brought down "Out of Zone" Trees damaging multiple Feeders
Start Date	24/06/2024
Start Time	06:00 PM
End Date	27/06/2024
End Time	10:30 AM
SAIDI value of major event before replacement	104.989
SAIDI value of major event	9.056
Location of SAIDI major event	The major faults (> 1 SAIDI) occurred on 17 Feeders effecting 9886 Customers, connected to our Wairoa, Tolaga Bay, Kaiti, Tokomaru Bay, Ruatoria, Te Araroa, and Puha Substations
Main equipment involved in SAIDI major event	The majority of the faults were caused by “out of zone” trees damaging the overhead 11kV Network
How Firstlight Network responded to the event	Faultman and Linesman were dispatched and normal fault isolation principles engaged
Mitigating factors that may have prevented or minimised the major event	A southerly front swept through the area with Gale force winds gusting to 104km/h on the 26th and 27th of June (Cyclone Gabrielle was 91km/h) . For safety reasons minimal staff were dispatched at night. The high winds hampered repairs, also helicopters were unable to fly both for patrolling and pole work. We shut down a ground mounted switching station on the Borough One feeder due to a risk of flooding by the Wairoa river (5.6 SAIDI)
Steps taken to mitigate the risk of future major events	The vegetation Management program has been reviewed in Feb 2025 with “Out of Zone” trees included. The switching station is being flood proofed and will be moved in the future

1/48th of the SAIDI unplanned boundary value	12/08/2024 to 13/08/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	12/08/2024 14:30	0.000	0.000
0.273	12/08/2024 15:00	0.000	0.000
0.273	12/08/2024 15:30	0.000	0.000
0.273	12/08/2024 16:00	0.000	0.000
0.273	12/08/2024 16:30	0.000	0.000
0.273	12/08/2024 17:00	0.000	0.000
0.273	12/08/2024 17:30	0.000	0.000
0.273	12/08/2024 18:00	0.000	0.000
0.273	12/08/2024 18:30	0.000	0.000
0.273	12/08/2024 19:00	4.940	0.273
0.273	12/08/2024 19:30	1.234	0.273
0.273	12/08/2024 20:00	0.000	0.000
0.273	12/08/2024 20:30	0.013	0.013
0.273	12/08/2024 21:00	0.000	0.000
0.273	12/08/2024 21:30	0.035	0.035
0.273	12/08/2024 22:00	0.000	0.000
0.273	12/08/2024 22:30	0.000	0.000
0.273	12/08/2024 23:00	0.000	0.000
0.273	12/08/2024 23:30	0.000	0.000
0.273	13/08/2024 0:00	0.000	0.000
0.273	13/08/2024 0:30	0.000	0.000
0.273	13/08/2024 1:00	0.000	0.000
0.273	13/08/2024 1:30	0.000	0.000
0.273	13/08/2024 2:00	0.000	0.000
0.273	13/08/2024 2:30	0.000	0.000
0.273	13/08/2024 3:00	0.000	0.000
0.273	13/08/2024 3:30	0.000	0.000
0.273	13/08/2024 4:00	0.000	0.000
0.273	13/08/2024 4:30	0.000	0.000
0.273	13/08/2024 5:00	0.000	0.000
0.273	13/08/2024 5:30	0.000	0.000
0.273	13/08/2024 6:00	0.000	0.000
0.273	13/08/2024 6:30	0.000	0.000
0.273	13/08/2024 7:00	0.000	0.000
0.273	13/08/2024 7:30	0.000	0.000
0.273	13/08/2024 8:00	0.000	0.000
0.273	13/08/2024 8:30	2.916	0.273
0.273	13/08/2024 9:00	0.000	0.000
0.273	13/08/2024 9:30	0.000	0.000
0.273	13/08/2024 10:00	0.000	0.000
0.273	13/08/2024 10:30	0.000	0.000
0.273	13/08/2024 11:00	0.499	0.273
0.273	13/08/2024 11:30	0.000	0.000
0.273	13/08/2024 12:00	0.000	0.000
0.273	13/08/2024 12:30	0.000	0.000
0.273	13/08/2024 13:00	0.000	0.000
0.273	13/08/2024 13:30	0.000	0.000
0.273	13/08/2024 14:00	3.473	0.273
0.273	13/08/2024 14:30	1.681	0.273
0.273	13/08/2024 15:00	0.000	0.000
0.273	13/08/2024 15:30	0.586	0.273
0.273	13/08/2024 16:00	0.000	0.000
0.273	13/08/2024 16:30	0.000	0.000
0.273	13/08/2024 17:00	0.050	0.050
0.273	13/08/2024 17:30	0.000	0.000
0.273	13/08/2024 18:00	0.000	0.000
0.273	13/08/2024 18:30	0.000	0.000
Total		**15.426**	**2.009**

SAIDI Major Event Information	
Cause	Strong southerlies hit the district (78km/hr gusts) on the 12th and 13th of August effecting a number of feeders
Start Date	12/08/2024
Start Time	02:30 PM
End Date	13/08/2024
End Time	06:30 PM
SAIDI value of major event before replacement	15.426
SAIDI value of major event	2.009
Location of SAIDI major event	A number of feeders were effected in the Nuhaka, Whakaki, Raupunga, Te Arai, Tahaenui and Mahia area.
Main equipment involved in SAIDI major event	The major contributor was the Wairoa-Tahaenui 33 kV line which supplies Mahia (938 customers) and Tahaenui (268 Customers)
How Firstlight Network responded to the event	The Wairoa-Tahaenui 33kV line runs east to west and is susceptible to conductor clash it tripped on the 13th of August at 14:07. Normal procedure is to run the Mahia generator (1.2MW) which can back up Mahia this was done (14:25) however the generator failed after 10 mins (Fuel issue) we then waited for the wind to abate and reclosed the feeder at 15:51
Mitigating factors that may have prevented or minimised the major event	Failure of the generator and a fault on the Nuhaka feeder limited the ability to back up Tahaenui. Also on the 13th August at 08:41 an 11kV cable failed on the Elgin feeder (Gisborne City) contributing 3.1 SAIDI
Steps taken to mitigate the risk of future major events	The fuel issue with the generator has been fixed, the feeder was flown by helicopter to check the conductor. We are proposing to drone this line

1/48th of the SAIDI unplanned boundary value	17/08/2024 to 19/08/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	17/08/2024 6:00	0.000	0.000
0.273	17/08/2024 6:30	0.000	0.000
0.273	17/08/2024 7:00	0.000	0.000
0.273	17/08/2024 7:30	0.000	0.000
0.273	17/08/2024 8:00	0.000	0.000
0.273	17/08/2024 8:30	0.000	0.000
0.273	17/08/2024 9:00	0.000	0.000
0.273	17/08/2024 9:30	0.000	0.000
0.273	17/08/2024 10:00	0.000	0.000
0.273	17/08/2024 10:30	0.000	0.000
0.273	17/08/2024 11:00	0.000	0.000
0.273	17/08/2024 11:30	0.000	0.000
0.273	17/08/2024 12:00	0.000	0.000
0.273	17/08/2024 12:30	0.000	0.000
0.273	17/08/2024 13:00	0.000	0.000
0.273	17/08/2024 13:30	0.000	0.000
0.273	17/08/2024 14:00	0.062	0.062
0.273	17/08/2024 14:30	0.000	0.000
0.273	17/08/2024 15:00	0.000	0.000
0.273	17/08/2024 15:30	0.000	0.000
0.273	17/08/2024 16:00	0.000	0.000
0.273	17/08/2024 16:30	0.000	0.000
0.273	17/08/2024 17:00	0.000	0.000
0.273	17/08/2024 17:30	0.000	0.000
0.273	17/08/2024 18:00	0.000	0.000
0.273	17/08/2024 18:30	0.000	0.000
0.273	17/08/2024 19:00	0.000	0.000
0.273	17/08/2024 19:30	0.000	0.000
0.273	17/08/2024 20:00	0.000	0.000
0.273	17/08/2024 20:30	0.000	0.000
0.273	17/08/2024 21:00	0.000	0.000
0.273	17/08/2024 21:30	0.000	0.000
0.273	17/08/2024 22:00	0.000	0.000
0.273	17/08/2024 22:30	0.000	0.000
0.273	17/08/2024 23:00	0.000	0.000
0.273	17/08/2024 23:30	0.000	0.000

1/48th of the SAIDI unplanned boundary	17/08/2024 to 19/08/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	18/08/2024 0:00	0.684	0.273
0.273	18/08/2024 0:30	0.000	0.000
0.273	18/08/2024 1:00	0.000	0.000
0.273	18/08/2024 1:30	0.000	0.000
0.273	18/08/2024 2:00	0.277	0.273
0.273	18/08/2024 2:30	0.000	0.000
0.273	18/08/2024 3:00	0.000	0.000
0.273	18/08/2024 3:30	0.000	0.000
0.273	18/08/2024 4:00	0.000	0.000
0.273	18/08/2024 4:30	0.000	0.000
0.273	18/08/2024 5:00	2.633	0.273
0.273	18/08/2024 5:30	11.361	0.273
0.273	18/08/2024 6:00	0.000	0.000
0.273	18/08/2024 6:30	1.130	0.273
0.273	18/08/2024 7:00	1.864	0.273
0.273	18/08/2024 7:30	0.057	0.057
0.273	18/08/2024 8:00	1.588	0.273
0.273	18/08/2024 8:30	2.312	0.273
0.273	18/08/2024 9:00	2.091	0.273
0.273	18/08/2024 9:30	0.000	0.000
0.273	18/08/2024 10:00	0.308	0.273
0.273	18/08/2024 10:30	0.000	0.000
0.273	18/08/2024 11:00	0.000	0.000
0.273	18/08/2024 11:30	4.100	0.273
0.273	18/08/2024 12:00	0.734	0.273
0.273	18/08/2024 12:30	16.114	0.273
0.273	18/08/2024 13:00	15.286	0.273
0.273	18/08/2024 13:30	0.378	0.273
0.273	18/08/2024 14:00	0.000	0.000
0.273	18/08/2024 14:30	0.000	0.000
0.273	18/08/2024 15:00	0.000	0.000
0.273	18/08/2024 15:30	0.000	0.000
0.273	18/08/2024 16:00	0.000	0.000
0.273	18/08/2024 16:30	0.000	0.000
0.273	18/08/2024 17:00	0.000	0.000
0.273	18/08/2024 17:30	0.000	0.000
0.273	18/08/2024 18:00	0.007	0.007
0.273	18/08/2024 18:30	0.000	0.000
0.273	18/08/2024 19:00	0.000	0.000
0.273	18/08/2024 19:30	0.000	0.000
0.273	18/08/2024 20:00	0.000	0.000
0.273	18/08/2024 20:30	0.000	0.000
0.273	18/08/2024 21:00	0.014	0.014
0.273	18/08/2024 21:30	0.000	0.000
0.273	18/08/2024 22:00	0.000	0.000
0.273	18/08/2024 22:30	0.000	0.000
0.273	18/08/2024 23:00	0.000	0.000
0.273	18/08/2024 23:30	0.000	0.000

1/48th of the SAIDI unplanned boundary value	17/08/2024 to 19/08/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	19/08/2024 0:00	0.000	0.000
0.273	19/08/2024 0:30	0.000	0.000
0.273	19/08/2024 1:00	0.000	0.000
0.273	19/08/2024 1:30	0.000	0.000
0.273	19/08/2024 2:00	0.000	0.000
0.273	19/08/2024 2:30	0.000	0.000
0.273	19/08/2024 3:00	0.000	0.000
0.273	19/08/2024 3:30	0.000	0.000
0.273	19/08/2024 4:00	0.000	0.000
0.273	19/08/2024 4:30	0.000	0.000
0.273	19/08/2024 5:00	0.000	0.000
0.273	19/08/2024 5:30	0.000	0.000
0.273	19/08/2024 6:00	0.000	0.000
0.273	19/08/2024 6:30	0.000	0.000
0.273	19/08/2024 7:00	0.581	0.273
0.273	19/08/2024 7:30	0.654	0.273
0.273	19/08/2024 8:00	0.924	0.273
0.273	19/08/2024 8:30	0.000	0.000
0.273	19/08/2024 9:00	0.000	0.000
0.273	19/08/2024 9:30	0.000	0.000
0.273	19/08/2024 10:00	0.000	0.000
0.273	19/08/2024 10:30	0.320	0.273
0.273	19/08/2024 11:00	0.000	0.000
0.273	19/08/2024 11:30	0.000	0.000
0.273	19/08/2024 12:00	0.130	0.130
0.273	19/08/2024 12:30	0.000	0.000
Total		**63.610**	**5.456**

SAIDI Major Event Information	
Cause	Gale force Northwest winds hit the district (87km/hr gusts) on the 18th and 19th of August effecting a number of feeders
Start Date	17/08/2024
Start Time	06:00 AM
End Date	19/08/2024
End Time	12:30 PM
SAIDI value of major event before replacement	63.610
SAIDI value of major event	5.456
Location of SAIDI major event	A number of feeders were effected on the East Coast from Gisborne north
Main equipment involved in SAIDI major event	The majority of faults were caused by 'out of zone' trees damaging the network (49.5 raw SAIDI). Effected feeders were Tikitiki (316 customer), Inland (160 customers), Makarika (113 customers), Tauwhareparau (146 customers), Mata (274 customers), Dalton-Tatapouri (175 customers), Rototahi (216 customers), Tahora (151 customers), Ruatoria (308 customers)
How Firstlight Network responded to the event	Faultman and Linesman were dispatched and normal fault isolation principles engaged however trees also came down on the main State Highway 35 which hampered the ability for us to respond
Mitigating factors that may have prevented or minimised the major event	At 12:32 pm on the 18th a 'out of zone' tree went through the conductor at the start of the Inland Feeder we commenced fault finding/isolation with the view to back feed the feeder from the Makarikia Feeder. At 1:02pm a 'out of zone' tree went through the conductor at the start of the Makarika feeder. We then attempted to back feed both feeders from the Mata Rd feeder. At 1:24pm a 'out of zone' tree went through the conductor at the start of the Mata Feeder. We had no further feeders available to supply the area and the repairs required arborists to attend then repairs to be made. An 'out of zone' tree fell through our 50kV line between Tokomaru Bay and Ruatoria which effects our Ruatoria Sub (738 Customers) & Te Araroa Sub (477 customers) normal procedure is to run our generators which we did but further faults tripped the Generator at Ruatoria Sub (as the generator trips before the individual feeder) contributing to 6.8 SAIDI
Steps taken to mitigate the risk of future major events	The vegetation Management program has been reviewed in Feb 2025 with "Out of Zone" trees included.

1/48th of the SAIDI unplanned boundary value	26/12/2024 to 28/12/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	26/12/2024 12:00	0.000	0.000
0.273	26/12/2024 12:30	0.000	0.000
0.273	26/12/2024 13:00	0.000	0.000
0.273	26/12/2024 13:30	0.000	0.000
0.273	26/12/2024 14:00	0.000	0.000
0.273	26/12/2024 14:30	0.000	0.000
0.273	26/12/2024 15:00	0.000	0.000
0.273	26/12/2024 15:30	0.000	0.000
0.273	26/12/2024 16:00	0.000	0.000
0.273	26/12/2024 16:30	0.000	0.000
0.273	26/12/2024 17:00	0.000	0.000
0.273	26/12/2024 17:30	0.000	0.000
0.273	26/12/2024 18:00	0.000	0.000
0.273	26/12/2024 18:30	0.000	0.000
0.273	26/12/2024 19:00	1.572	0.273
0.273	26/12/2024 19:30	0.000	0.000
0.273	26/12/2024 20:00	0.000	0.000
0.273	26/12/2024 20:30	0.000	0.000
0.273	26/12/2024 21:00	0.000	0.000
0.273	26/12/2024 21:30	0.000	0.000
0.273	26/12/2024 22:00	0.000	0.000
0.273	26/12/2024 22:30	0.000	0.000
0.273	26/12/2024 23:00	0.000	0.000
0.273	26/12/2024 23:30	0.000	0.000
0.273	27/12/2024 0:00	0.000	0.000
0.273	27/12/2024 0:30	0.000	0.000
0.273	27/12/2024 1:00	0.000	0.000
0.273	27/12/2024 1:30	0.000	0.000
0.273	27/12/2024 2:00	0.000	0.000
0.273	27/12/2024 2:30	0.000	0.000
0.273	27/12/2024 3:00	0.000	0.000
0.273	27/12/2024 3:30	0.000	0.000
0.273	27/12/2024 4:00	0.000	0.000
0.273	27/12/2024 4:30	0.000	0.000
0.273	27/12/2024 5:00	0.076	0.076
0.273	27/12/2024 5:30	0.000	0.000
0.273	27/12/2024 6:00	0.251	0.251
0.273	27/12/2024 6:30	0.000	0.000
0.273	27/12/2024 7:00	2.526	0.273
0.273	27/12/2024 7:30	0.000	0.000
0.273	27/12/2024 8:00	3.094	0.273
0.273	27/12/2024 8:30	0.000	0.000
0.273	27/12/2024 9:00	0.000	0.000
0.273	27/12/2024 9:30	2.470	0.273
0.273	27/12/2024 10:00	0.000	0.000
0.273	27/12/2024 10:30	0.321	0.273
0.273	27/12/2024 11:00	2.198	0.273
0.273	27/12/2024 11:30	0.797	0.273

1/48th of the SAIDI unplanned boundary value	26/12/2024 to 28/12/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	27/12/2024 12:00	0.206	0.206
0.273	27/12/2024 12:30	0.283	0.273
0.273	27/12/2024 13:00	0.028	0.028
0.273	27/12/2024 13:30	1.060	0.273
0.273	27/12/2024 14:00	10.151	0.273
0.273	27/12/2024 14:30	3.832	0.273
0.273	27/12/2024 15:00	0.152	0.152
0.273	27/12/2024 15:30	1.153	0.273
0.273	27/12/2024 16:00	0.000	0.000
0.273	27/12/2024 16:30	2.956	0.273
0.273	27/12/2024 17:00	0.000	0.000
0.273	27/12/2024 17:30	29.452	0.273
0.273	27/12/2024 18:00	0.000	0.000
0.273	27/12/2024 18:30	0.139	0.139
0.273	27/12/2024 19:00	1.278	0.273
0.273	27/12/2024 19:30	0.420	0.273
0.273	27/12/2024 20:00	0.000	0.000
0.273	27/12/2024 20:30	0.422	0.273
0.273	27/12/2024 21:00	0.449	0.273
0.273	27/12/2024 21:30	2.192	0.273
0.273	27/12/2024 22:00	0.000	0.000
0.273	27/12/2024 22:30	0.000	0.000
0.273	27/12/2024 23:00	2.696	0.273
0.273	27/12/2024 23:30	0.000	0.000
0.273	28/12/2024 0:00	0.000	0.000
0.273	28/12/2024 0:30	0.000	0.000
0.273	28/12/2024 1:00	0.000	0.000
0.273	28/12/2024 1:30	0.000	0.000
0.273	28/12/2024 2:00	0.000	0.000
0.273	28/12/2024 2:30	0.000	0.000
0.273	28/12/2024 3:00	0.000	0.000
0.273	28/12/2024 3:30	0.000	0.000
0.273	28/12/2024 4:00	0.000	0.000
0.273	28/12/2024 4:30	0.000	0.000
0.273	28/12/2024 5:00	0.000	0.000
0.273	28/12/2024 5:30	0.000	0.000
0.273	28/12/2024 6:00	0.000	0.000
0.273	28/12/2024 6:30	0.000	0.000
0.273	28/12/2024 7:00	0.012	0.012
0.273	28/12/2024 7:30	0.000	0.000
0.273	28/12/2024 8:00	0.216	0.216
0.273	28/12/2024 8:30	0.000	0.000
0.273	28/12/2024 9:00	0.044	0.044
0.273	28/12/2024 9:30	0.054	0.054
0.273	28/12/2024 10:00	0.795	0.273
0.273	28/12/2024 10:30	0.658	0.273
0.273	28/12/2024 11:00	0.000	0.000
0.273	28/12/2024 11:30	0.000	0.000

1/48th of the SAIDI unplanned boundary value	26/12/2024 to 28/12/2024		
	Half hour commencing	Raw SAIDI value for Class C interruption	Normalised SAIDI value for Class C interruption
0.273	28/12/2024 12:00	0.000	0.000
0.273	28/12/2024 12:30	0.035	0.035
0.273	28/12/2024 13:00	0.023	0.023
0.273	28/12/2024 13:30	0.000	0.000
0.273	28/12/2024 14:00	0.000	0.000
0.273	28/12/2024 14:30	0.000	0.000
0.273	28/12/2024 15:00	0.044	0.044
0.273	28/12/2024 15:30	0.000	0.000
0.273	28/12/2024 16:00	0.000	0.000
0.273	28/12/2024 16:30	0.000	0.000
0.273	28/12/2024 17:00	0.000	0.000
Total		**72.057**	**7.284**

SAIDI Major Event Information	
Cause	Gale force southerlies hit the Wairoa district (107km/hr gusts) on the 27th December causing a number of feeders to trip
Start Date	26/12/2024
Start Time	12:00 PM
End Date	28/12/2024
End Time	05:00 PM
SAIDI value of major event before replacement	72.057
SAIDI value of major event	7.284
Location of SAIDI major event	Wairoa District
Main equipment involved in SAIDI major event	Three feeders contributed a significant amout to the SAIDI, the Tahaenui - Mahia 33kV feeder, Mahia 11kV feeder and the Ruakituri 11kV feeder.
How Firstlight Network responded to the event	Faultman and Linesman were dispatched and normal fault isolation principles engaged. The Wairoa-Tahaenui-Mahia 33kV line runs east to west and is susceptible to conductor clash it tripped at 14:37 on the 27th of December this effects 1206 customers. Normal procedure is to run the Mahia generator (1.2MW) which can back up Mahia (938 customers) this was done and the majority of customers came on at 15:12 however the generator tripped at 16:38. We suspect the 11kV was clashing the generator was restarted and power restored. However it tripped again at 17:55. Fault indicators at Tahaenui showed the 33kV fault was between Tahaenui and Mahia. We had patrolled the areas were the 33kV feeder crosses the road and then livened the 33kv feeder at 16:40 which we used to supply Tahaenui (268 customers) however it tripped again at 18:42 it was re-livened but tripped again at 19:06. We then went to start the generator but found a jumper off at the pole right at the generator, the wind was that strong the pole could not be climbed. For safety reason the decision was made to leave the consumer off until morning when the wind was meant to drop, and repairs could be made. The 33kV line was re-livened up to Tahaenui. We didn't want to liven the 2nd half as the wind was still strong. We made the repairs and re-livened the 33kV line with all power restored at 11:57 28th Dec. The Ruakituri feeder which supplies 162 customers tripped at 5:21 on the 27th December this feeder is susceptible to line clash when the wind comes from the south as was the case on this day. Normal procedure is to disable the Auto-reclose wait and then close the feeder. It was closed at 8:50 successfully then tripped again at 9:34 closed at 10:08, tripped at 10:30 closed at 11:38 tripped at 12:33 closed again at 13:33 then tripped at 14:05 the relay flags showed it tripping on overcurrent which matches a line clash. At 18:18 the feeder was closed again this time it tripped and locked out on sensitive earth fault. Line patrol and sectionalising commenced the next day due to the weather conditions. A downed pole near the end of the line was found to be the fault and all customers except 4 had their power restored by 14:22 28th december. The pole to be replaced needed to be helicoptered into position. Due to the weather and prioritising the order of repair, the pole was not replaced until 12:52 on the 10th of January the 4 connections were not in use (but active) and the farmer was happy to wait, as numerous other faults had occurred over this period.
Mitigating factors that may have prevented or minimised the major event	Extremely high winds causing conductors to clash. The failure of the jumper at the generator, the failure of the Hardwood pole.
Steps taken to mitigate the risk of future major events	The pole at the Generator is scheduled to be replaced, and we are proposing to drone the 33kV line. The Ruakituri feeder has had some poles replaced with more to be done this year A new MSA is being drawn up with the incumbent contractor which should assist with fault co-ordination.

Table 22

Normalisation of unplanned SAIFI major events RY25	
SAIFI unplanned boundary value	0.1765

1/48th of the SAIFI unplanned boundary value	25/06/2024 to 26/06/2024		
	Half hour commencing	Raw SAIFI value for Class C interruption	Normalised SAIFI value for Class C interruption
0.0037	25/06/2024 0:30	0.0000	0.0000
0.0037	25/06/2024 1:00	0.0000	0.0000
0.0037	25/06/2024 1:30	0.0000	0.0000
0.0037	25/06/2024 2:00	0.0000	0.0000
0.0037	25/06/2024 2:30	0.0000	0.0000
0.0037	25/06/2024 3:00	0.0000	0.0000
0.0037	25/06/2024 3:30	0.0000	0.0000
0.0037	25/06/2024 4:00	0.0000	0.0000
0.0037	25/06/2024 4:30	0.0000	0.0000
0.0037	25/06/2024 5:00	0.0000	0.0000
0.0037	25/06/2024 5:30	0.0000	0.0000
0.0037	25/06/2024 6:00	0.0000	0.0000
0.0037	25/06/2024 6:30	0.0000	0.0000
0.0037	25/06/2024 7:00	0.0000	0.0000
0.0037	25/06/2024 7:30	0.0000	0.0000
0.0037	25/06/2024 8:00	0.0000	0.0000
0.0037	25/06/2024 8:30	0.0000	0.0000
0.0037	25/06/2024 9:00	0.0000	0.0000
0.0037	25/06/2024 9:30	0.0000	0.0000
0.0037	25/06/2024 10:00	0.0000	0.0000
0.0037	25/06/2024 10:30	0.0000	0.0000
0.0037	25/06/2024 11:00	0.0000	0.0000
0.0037	25/06/2024 11:30	0.0002	0.0002
0.0037	25/06/2024 12:00	0.0012	0.0012
0.0037	25/06/2024 12:30	0.0000	0.0000
0.0037	25/06/2024 13:00	0.0000	0.0000
0.0037	25/06/2024 13:30	0.0000	0.0000
0.0037	25/06/2024 14:00	0.0000	0.0000
0.0037	25/06/2024 14:30	0.0000	0.0000
0.0037	25/06/2024 15:00	0.0000	0.0000
0.0037	25/06/2024 15:30	0.0130	0.0037
0.0037	25/06/2024 16:00	0.0032	0.0032
0.0037	25/06/2024 16:30	0.0000	0.0000
0.0037	25/06/2024 17:00	0.0000	0.0000
0.0037	25/06/2024 17:30	0.0091	0.0037
0.0037	25/06/2024 18:00	0.0061	0.0037
0.0037	25/06/2024 18:30	0.0000	0.0000
0.0037	25/06/2024 19:00	0.0494	0.0037
0.0037	25/06/2024 19:30	0.0146	0.0037
0.0037	25/06/2024 20:00	0.0463	0.0037
0.0037	25/06/2024 20:30	0.0000	0.0000
0.0037	25/06/2024 21:00	0.0067	0.0037
0.0037	25/06/2024 21:30	0.0000	0.0000
0.0037	25/06/2024 22:00	0.0000	0.0000
0.0037	25/06/2024 22:30	0.0226	0.0037
0.0037	25/06/2024 23:00	0.0000	0.0000
0.0037	25/06/2024 23:30	0.0000	0.0000
0.0037	26/06/2024 0:00	0.0364	0.0037

1/48th of the SAIFI unplanned boundary value	25/06/2024 to 26/06/2024		
	Half hour commencing	Raw SAIFI value for Class C interruption	Normalised SAIFI value for Class C interruption
0.0037	26/06/2024 0:30	0.0068	0.0037
0.0037	26/06/2024 1:00	0.0000	0.0000
0.0037	26/06/2024 1:30	0.0000	0.0000
0.0037	26/06/2024 2:00	0.0000	0.0000
0.0037	26/06/2024 2:30	0.0000	0.0000
0.0037	26/06/2024 3:00	0.0000	0.0000
0.0037	26/06/2024 3:30	0.0000	0.0000
0.0037	26/06/2024 4:00	0.0020	0.0020
0.0037	26/06/2024 4:30	0.0004	0.0004
0.0037	26/06/2024 5:00	0.0022	0.0022
0.0037	26/06/2024 5:30	0.0381	0.0037
0.0037	26/06/2024 6:00	0.0000	0.0000
0.0037	26/06/2024 6:30	0.0000	0.0000
0.0037	26/06/2024 7:00	0.0000	0.0000
0.0037	26/06/2024 7:30	0.0048	0.0037
0.0037	26/06/2024 8:00	0.0569	0.0037
0.0037	26/06/2024 8:30	0.0000	0.0000
0.0037	26/06/2024 9:00	0.0000	0.0000
0.0037	26/06/2024 9:30	0.0061	0.0037
0.0037	26/06/2024 10:00	0.0002	0.0002
0.0037	26/06/2024 10:30	0.0008	0.0008
0.0037	26/06/2024 11:00	0.0273	0.0037
0.0037	26/06/2024 11:30	0.0000	0.0000
0.0037	26/06/2024 12:00	0.0000	0.0000
0.0037	26/06/2024 12:30	0.0081	0.0037
0.0037	26/06/2024 13:00	0.0000	0.0000
0.0037	26/06/2024 13:30	0.0002	0.0002
0.0037	26/06/2024 14:00	0.0000	0.0000
0.0037	26/06/2024 14:30	0.0000	0.0000
0.0037	26/06/2024 15:00	0.0081	0.0037
0.0037	26/06/2024 15:30	0.0000	0.0000
0.0037	26/06/2024 16:00	0.0000	0.0000
0.0037	26/06/2024 16:30	0.0016	0.0016
0.0037	26/06/2024 17:00	0.0000	0.0000
0.0037	26/06/2024 17:30	0.0000	0.0000
0.0037	26/06/2024 18:00	0.0000	0.0000
0.0037	26/06/2024 18:30	0.0000	0.0000
0.0037	26/06/2024 19:00	0.0000	0.0000
0.0037	26/06/2024 19:30	0.0000	0.0000
0.0037	26/06/2024 20:00	0.0000	0.0000
0.0037	26/06/2024 20:30	0.0000	0.0000
0.0037	26/06/2024 21:00	0.0075	0.0037
0.0037	26/06/2024 21:30	0.0000	0.0000
0.0037	26/06/2024 22:00	0.0000	0.0000
0.0037	26/06/2024 22:30	0.0000	0.0000
0.0037	26/06/2024 23:00	0.0000	0.0000
0.0037	26/06/2024 23:30	0.0000	0.0000
Total		**0.3795**	**0.0779**

SAIFI Major Event Information	
Cause	Gale force winds damaged the network and flooding caused a switching station to be shut down
Start Date	25/06/2024
Start Time	12:30 AM
End Date	26/06/2024
End Time	11:30 PM
SAIFI value of major event before replacement	0.3795
SAIFI value of major event	0.0779
Location of SAIFI major event	The major faults (> .02 SAIFI) occurred on 8 Feeders effecting 6923 customers
Main equipment involved in SAIFI major event	A ground mounted switching station on the Borough One feeder (0.057 SAIFI). An "Out of Zone" tree contacted the 50kV line effecting the Ruatoria and Te Araroa Substations (0.047 SAIFI) The Mahia 33kV line runs East to West and the gale force winds caused a number of conductor clashes tripping the feeder (0.046 SAIFI). The high winds caused a 50kV pole to fail on the Hexton-Puha 50kV (0.038 SAIFI). Lightening arrestors failed on the Crawford Rd feeder (0.036 SAIFI) and Whangara feeder (0.023 SAIFI). An "Out of Zone" tree went through the lines at Waihau, Rototahi feeder (0.023 SAIFI)
How Firstlight Network responded to the event	Faultman and Linesman were dispatched and normal fault isolation principles engaged
Mitigating factors that may have prevented or minimised the major event	A southerly front swept through the area with Gale force winds gusting to 104km/h on the 26th and 27th of June. (Cyclone Gabrielle was 91km/h). We shut down a ground mounted switching station on the Borough One feeder due to a risk of flooding by the Wairoa river (5.6 SAIDI)
Steps taken to mitigate the risk of future major events	The vegetation Management program has been reviewed in Feb 2025 with "Out of Zone" trees included. The switching station is being flood proofed and will be moved in the future. A lightening arrestor program has been undertaken with potential faulty lightening arrestors removed/replaced

1/48th of the SAIFI unplanned boundary value	7/10/2024 to 9/10/2024		
	Half hour commencing	Raw SAIFI value for Class C interruption	Normalised SAIFI value for Class C interruption
0.0037	7/10/2024 22:00	0.0000	0.0000
0.0037	7/10/2024 22:30	0.0000	0.0000
0.0037	7/10/2024 23:00	0.0000	0.0000
0.0037	7/10/2024 23:30	0.0000	0.0000
0.0037	8/10/2024 0:00	0.0000	0.0000
0.0037	8/10/2024 0:30	0.0000	0.0000
0.0037	8/10/2024 1:00	0.0000	0.0000
0.0037	8/10/2024 1:30	0.0000	0.0000
0.0037	8/10/2024 2:00	0.0000	0.0000
0.0037	8/10/2024 2:30	0.0000	0.0000
0.0037	8/10/2024 3:00	0.0000	0.0000
0.0037	8/10/2024 3:30	0.0000	0.0000
0.0037	8/10/2024 4:00	0.0000	0.0000
0.0037	8/10/2024 4:30	0.0000	0.0000
0.0037	8/10/2024 5:00	0.0000	0.0000
0.0037	8/10/2024 5:30	0.0000	0.0000
0.0037	8/10/2024 6:00	0.0000	0.0000
0.0037	8/10/2024 6:30	0.0000	0.0000
0.0037	8/10/2024 7:00	0.0000	0.0000
0.0037	8/10/2024 7:30	0.0000	0.0000
0.0037	8/10/2024 8:00	0.0000	0.0000
0.0037	8/10/2024 8:30	0.0000	0.0000
0.0037	8/10/2024 9:00	0.0000	0.0000
0.0037	8/10/2024 9:30	0.0137	0.0037
0.0037	8/10/2024 10:00	0.0000	0.0000
0.0037	8/10/2024 10:30	0.0000	0.0000
0.0037	8/10/2024 11:00	0.0000	0.0000
0.0037	8/10/2024 11:30	0.0000	0.0000
0.0037	8/10/2024 12:00	0.0000	0.0000
0.0037	8/10/2024 12:30	0.0000	0.0000
0.0037	8/10/2024 13:00	0.0000	0.0000

1/48th of the SAIFI unplanned boundary value	7/10/2024 to 9/10/2024		
	Half hour commencing	Raw SAIFI value for Class C interruption	Normalised SAIFI value for Class C interruption
0.0037	8/10/2024 13:30	0.0000	0.0000
0.0037	8/10/2024 14:00	0.0000	0.0000
0.0037	8/10/2024 14:30	0.0000	0.0000
0.0037	8/10/2024 15:00	0.0000	0.0000
0.0037	8/10/2024 15:30	0.0000	0.0000
0.0037	8/10/2024 16:00	0.0000	0.0000
0.0037	8/10/2024 16:30	0.0000	0.0000
0.0037	8/10/2024 17:00	0.0000	0.0000
0.0037	8/10/2024 17:30	0.0000	0.0000
0.0037	8/10/2024 18:00	0.0000	0.0000
0.0037	8/10/2024 18:30	0.0000	0.0000
0.0037	8/10/2024 19:00	0.0000	0.0000
0.0037	8/10/2024 19:30	0.0000	0.0000
0.0037	8/10/2024 20:00	0.0000	0.0000
0.0037	8/10/2024 20:30	0.0000	0.0000
0.0037	8/10/2024 21:00	0.0000	0.0000
0.0037	8/10/2024 21:30	0.1776	0.0037
0.0037	8/10/2024 22:00	0.0000	0.0000
0.0037	8/10/2024 22:30	0.0000	0.0000
0.0037	8/10/2024 23:00	0.0000	0.0000
0.0037	8/10/2024 23:30	0.0000	0.0000
0.0037	9/10/2024 0:00	0.0000	0.0000
0.0037	9/10/2024 0:30	0.0000	0.0000
0.0037	9/10/2024 1:00	0.0000	0.0000
0.0037	9/10/2024 1:30	0.0000	0.0000
0.0037	9/10/2024 2:00	0.0000	0.0000
0.0037	9/10/2024 2:30	0.0000	0.0000
0.0037	9/10/2024 3:00	0.0000	0.0000
0.0037	9/10/2024 3:30	0.0000	0.0000
0.0037	9/10/2024 4:00	0.0000	0.0000
0.0037	9/10/2024 4:30	0.0000	0.0000
0.0037	9/10/2024 5:00	0.0000	0.0000
0.0037	9/10/2024 5:30	0.0000	0.0000
0.0037	9/10/2024 6:00	0.0000	0.0000
0.0037	9/10/2024 6:30	0.0000	0.0000
0.0037	9/10/2024 7:00	0.0000	0.0000
0.0037	9/10/2024 7:30	0.0000	0.0000
0.0037	9/10/2024 8:00	0.0000	0.0000
0.0037	9/10/2024 8:30	0.0000	0.0000
0.0037	9/10/2024 9:00	0.0000	0.0000
0.0037	9/10/2024 9:30	0.0000	0.0000
0.0037	9/10/2024 10:00	0.0000	0.0000
0.0037	9/10/2024 10:30	0.0000	0.0000
0.0037	9/10/2024 11:00	0.0000	0.0000
0.0037	9/10/2024 11:30	0.0000	0.0000
0.0037	9/10/2024 12:00	0.0000	0.0000
0.0037	9/10/2024 12:30	0.0000	0.0000
0.0037	9/10/2024 13:00	0.0000	0.0000

1/48th of the SAIFI unplanned boundary value	7/10/2024 to 9/10/2024		
	Half hour commencing	Raw SAIFI value for Class C interruption	Normalised SAIFI value for Class C interruption
0.0037	9/10/2024 13:30	0.0000	0.0000
0.0037	9/10/2024 14:00	0.0000	0.0000
0.0037	9/10/2024 14:30	0.0008	0.0008
0.0037	9/10/2024 15:00	0.0000	0.0000
0.0037	9/10/2024 15:30	0.0000	0.0000
0.0037	9/10/2024 16:00	0.0000	0.0000
0.0037	9/10/2024 16:30	0.0000	0.0000
0.0037	9/10/2024 17:00	0.0000	0.0000
0.0037	9/10/2024 17:30	0.0000	0.0000
0.0037	9/10/2024 18:00	0.0000	0.0000
0.0037	9/10/2024 18:30	0.0000	0.0000
0.0037	9/10/2024 19:00	0.0000	0.0000
0.0037	9/10/2024 19:30	0.0000	0.0000
0.0037	9/10/2024 20:00	0.0000	0.0000
0.0037	9/10/2024 20:30	0.0000	0.0000
0.0037	9/10/2024 21:00	0.0000	0.0000
Total		**0.1921**	**0.0082**

SAIFI Major Event Information	
Cause	A Possum climbed a 50kV pole and contacted the conductor
Start Date	7/10/2024
Start Time	10:00 PM
End Date	9/10/2024
End Time	09:00 PM
SAIFI value of major event before replacement	0.1921
SAIFI value of major event	0.0082
Location of SAIDI major event	Gisborne Makaraka 50kV feeder which starts at Massey rd Gisborne.
Main equipment involved in SAIDI major event	50kV overhead line running from Gisborne sub (Massey Rd) to Makaraks Sub were it supplied a 50/11kV transfomer (2,762 Customers) then onto Parkinson Sub where it Supplies both 50/11kV Transformers (1,862 Customers) and then on to JNL Sub (1 Customer) .
How Firstlight Network responded to the event	The afterhours duty controller received the alarm (CB182 had tripped and locked out on earth Fault) at 21:38 and came into the control room, faultmen were dispatched to the Makaraka Sub. Switching was done to liven the Parkinson St Sub at 22:06, further switching was done to liven two of the Makaraka 11kV feeders at 22:33. As the other two Makaraka 11kV feeders share poles with the 50kV line this portion was patrolled and the two remaining feeders livened at 23:09. The line was patrolled the next day and a possum was found at the foot of 'H' pole B1813 in Howarth Street.
Mitigating factors that may have prevented or minimised the major event	Possum guards had not been fitted to this pole. This feeder does not have Auto Reclose enabled.
Steps taken to mitigate the risk of future major events	Possum guards have been fitted to this pole. We are presently reviewing whether Auto Reclose could be applied to this feeder and others. We have also engaged a third party to review our Substation protection.

1/48th of the SAIFI unplanned boundary value	7/03/2025 to 8/03/2025		
	Half hour commencing	Raw SAIFI value for Class C interruption	Normalised SAIFI value for Class C interruption
0.0037	7/03/2025 6:00	0.0000	0.0000
0.0037	7/03/2025 6:30	0.0000	0.0000
0.0037	7/03/2025 7:00	0.0000	0.0000
0.0037	7/03/2025 7:30	0.0000	0.0000
0.0037	7/03/2025 8:00	0.0000	0.0000
0.0037	7/03/2025 8:30	0.0000	0.0000
0.0037	7/03/2025 9:00	0.0000	0.0000
0.0037	7/03/2025 9:30	0.0000	0.0000
0.0037	7/03/2025 10:00	0.0000	0.0000
0.0037	7/03/2025 10:30	0.0000	0.0000
0.0037	7/03/2025 11:00	0.0000	0.0000
0.0037	7/03/2025 11:30	0.0000	0.0000
0.0037	7/03/2025 12:00	0.0000	0.0000
0.0037	7/03/2025 12:30	0.0000	0.0000
0.0037	7/03/2025 13:00	0.0000	0.0000
0.0037	7/03/2025 13:30	0.0000	0.0000
0.0037	7/03/2025 14:00	0.0000	0.0000
0.0037	7/03/2025 14:30	0.0000	0.0000
0.0037	7/03/2025 15:00	0.0000	0.0000
0.0037	7/03/2025 15:30	0.0000	0.0000
0.0037	7/03/2025 16:00	0.0000	0.0000
0.0037	7/03/2025 16:30	0.0000	0.0000
0.0037	7/03/2025 17:00	0.0000	0.0000
0.0037	7/03/2025 17:30	0.1706	0.0037
0.0037	7/03/2025 18:00	0.0000	0.0000
0.0037	7/03/2025 18:30	0.0000	0.0000
0.0037	7/03/2025 19:00	0.0020	0.0020
0.0037	7/03/2025 19:30	0.0000	0.0000
0.0037	7/03/2025 20:00	0.0000	0.0000
0.0037	7/03/2025 20:30	0.0000	0.0000
0.0037	7/03/2025 21:00	0.0000	0.0000
0.0037	7/03/2025 21:30	0.0000	0.0000
0.0037	7/03/2025 22:00	0.0000	0.0000
0.0037	7/03/2025 22:30	0.0000	0.0000
0.0037	7/03/2025 23:00	0.0000	0.0000
0.0037	7/03/2025 23:30	0.0000	0.0000
0.0037	8/03/2025 0:00	0.0000	0.0000
0.0037	8/03/2025 0:30	0.0000	0.0000
0.0037	8/03/2025 1:00	0.0000	0.0000
0.0037	8/03/2025 1:30	0.0000	0.0000
0.0037	8/03/2025 2:00	0.0000	0.0000
0.0037	8/03/2025 2:30	0.0000	0.0000
0.0037	8/03/2025 3:00	0.0000	0.0000
0.0037	8/03/2025 3:30	0.0000	0.0000
0.0037	8/03/2025 4:00	0.0000	0.0000
0.0037	8/03/2025 4:30	0.0000	0.0000
0.0037	8/03/2025 5:00	0.0000	0.0000
0.0037	8/03/2025 5:30	0.0053	0.0037
0.0037	8/03/2025 6:00	0.0000	0.0000

1/48th of the SAIFI unplanned boundary value	7/03/2025 to 8/03/2025		
	Half hour commencing	Raw SAIFI value for Class C interruption	Normalised SAIFI value for Class C interruption
0.0037	8/03/2025 6:30	0.0000	0.0000
0.0037	8/03/2025 7:00	0.0000	0.0000
0.0037	8/03/2025 7:30	0.0000	0.0000
0.0037	8/03/2025 8:00	0.0000	0.0000
0.0037	8/03/2025 8:30	0.0000	0.0000
0.0037	8/03/2025 9:00	0.0000	0.0000
0.0037	8/03/2025 9:30	0.0000	0.0000
0.0037	8/03/2025 10:00	0.0000	0.0000
0.0037	8/03/2025 10:30	0.0000	0.0000
0.0037	8/03/2025 11:00	0.0000	0.0000
0.0037	8/03/2025 11:30	0.0004	0.0004
0.0037	8/03/2025 12:00	0.0000	0.0000
0.0037	8/03/2025 12:30	0.0000	0.0000
0.0037	8/03/2025 13:00	0.0000	0.0000
0.0037	8/03/2025 13:30	0.0000	0.0000
0.0037	8/03/2025 14:00	0.0000	0.0000
0.0037	8/03/2025 14:30	0.0000	0.0000
0.0037	8/03/2025 15:00	0.0000	0.0000
0.0037	8/03/2025 15:30	0.0000	0.0000
0.0037	8/03/2025 16:00	0.0000	0.0000
0.0037	8/03/2025 16:30	0.0000	0.0000
0.0037	8/03/2025 17:00	0.0000	0.0000
Total		**0.1784**	**0.0098**

SAIFI Major Event Information	
Cause	When livening T3 transformer at Wairoa sub (11kV/33kV) after a fault on the 33kV line to Mahia, the inrush current caused the 2 incomers to trip at Wairoa Sub turning power off to all of Wairoa
Start Date	7/03/2025
Start Time	06:00 AM
End Date	8/03/2025
End Time	05:00 PM
SAIFI value of major event before replacement	0.1784
SAIFI value of major event	0.0098
Location of SAIDI major event	Wairoa Substation
Main equipment involved in SAIDI major event	T3 Transformer at Wairoa sub (11kV/33kV)
How Firstlight Network responded to the event	Power was lost at 17:59. Load was brought back on in sections with all power restored by 18:27
Mitigating factors that may have prevented or minimised the major event	The size of the transformer (12.5MVA). The length of time the transformer was off
Steps taken to mitigate the risk of future major events	The protection will be modified to reduce the risk of this happening again. A long term solution is being looked at to upgrade the Wairoa sub which, when implemented will further reduce the risk

Appendix E – Director's certificate

Director's Certificate on Annual Compliance Statement

We, Mark Adrian Ratcliffe and Fiona Ann Oliver, being directors of Firstlight Network Limited certify that, having made all reasonable enquiry, to the best of our knowledge and belief, the attached Annual Compliance Statement of Firstlight Network 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 relevant requirements.

Director: Mark Adrian Ratcliffe

Date 13 August 2025

Director: Fiona Ann Oliver

Date 13 August 2025

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.

Independent Assurance Report

To the Directors of Firstlight Network Limited

Assurance report pursuant to Electricity Distribution Services Default Price-Quality Path Determination 2020

Opinion

We have undertaken a reasonable assurance engagement in respect of the compliance of Firstlight Network Limited (the "Company") with the Electricity Distribution Services Default Price-Quality Path Determination 2020 consolidated 20 May 2020 (the "Determination") in preparing the Annual Compliance Statement for the assessment period ended 31 March 2025.

In our opinion, in all material respects:

- as far as appears from an examination, the information used in the preparation of the Annual Compliance Statement has been properly extracted from the Company's accounting and other records, and has been sourced, where appropriate, from its financial and non-financial systems; and
- the Company has complied with clauses 11.5 and 11.6 of the Determination in preparing the Annual Compliance Statement for the assessment period ended 31 March 2025.

Basis for Opinion

We have conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised): *Assurance Engagements Other Than Audits or Reviews of historical Financial* Information and the Standard on Assurance Engagements (SAE) 3100 (Revised) *Compliance Engagements* ("SAE 3100 (Revised)"), issued by the New Zealand Auditing and Assurance Standards Board.

We believe the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Directors's Responsibilities

The Directors are responsible on behalf of the Company for:

- the preparation of the Annual Compliance Statement under clause 11.4 and in accordance with the requirements in clauses 11.5 and 11.6 of the Determination; and
- the identification of risks that may threaten compliance with the Determination and for such internal controls that would mitigate those risks and monitoring the Company's ongoing compliance.

Our Independence and Quality Management

We have complied with the Professional and Ethical Standard 1 *International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand)* or other professional requirements, or requirements in law or regulation, that are at least as demanding, which include independence and other requirements founded on the fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

We apply Professional and Ethical Standard 3 *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements*, which requires our firm to design, implement and operate a system of quality management including policies or procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

We are independent of the Company. Our firm carries out other assurance services for the Company. in the areas of regulatory compliance engagements. The provision of these other services has not impaired our independence.

Assurance Practitioner's responsibilities
Our responsibility is to perform a reasonable assurance engagement as required by clause 11.5(e) and schedules 8(1)(b)(vi) and 8(1)(c) of the Determination and report our opinion to you as to whether, in all material respects:

- as far as appears from our examination, the information used in the preparation of the Annual Compliance Statement has been properly extracted from the Company's accounting and other records, sourced from its financial and non-financial systems; and
- the Annual Compliance Statement, for the assessment period ended 31 March 2025, has been prepared in accordance with the requirements in clauses 11.5 and 11.6 of the Determination.

SAE 3100 (Revised) requires that we plan and perform our procedures to obtain reasonable assurance about whether the Company has complied, in all material respects, with the Determination, in preparing the Annual Compliance Statement for the assessment period ended 31 March 2025. In relation to the wash-up amount set out in clause 8.6 of the Determination, our procedures included recalculation of the wash-up amount in accordance with schedule 1.6 of the Determination and assessing it against the amounts and disclosures contained on pages 4 to 7 and 15 to 20 of the Annual Compliance Statement.

In relation to the quality standards set out in clause 9 of the Determination, our procedures included examination, on a test basis, of evidence relevant to the values and disclosures contained on pages 7 to 13 and 21 to 41 of the Annual Compliance Statement.

An assurance engagement to report on the Company's compliance with the Determination involves performing procedures to obtain evidence about the compliance activity and controls implemented. The procedures selected depend on our judgement, including the identification and assessment of risks of material non-compliance.

Inherent Limitations
Because of the inherent limitations of an assurance engagement, together with the internal control structure, it is possible that fraud, error or non-compliance may occur and not be detected. A reasonable assurance engagement throughout the specified period does not provide assurance on whether compliance with the Determination will continue in the future.

Use of Report
This report has been prepared for the Directors in accordance with 11.5(e) of the Determination and is provided solely to assist you in establishing that compliance requirements have been met.

Our report should not be used for any other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility for any reliance on this report to anyone other than the Directors of the Company, as a body, or for any purpose other than that for which it was prepared.

PricewaterhouseCoopers

PricewaterhouseCoopers
15 August 2025

Christchurch, New Zealand