Company Name	**Unison Networks Limited**
For Year Ended	**31 March 2019**

SCHEDULE 1: ANALYTICAL RATIOS

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination.
This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

1(i): Expenditure metrics

	Expenditure per GWh energy delivered to ICPs ($/GWh)	Expenditure per average no. of ICPs ($/ICP)	Expenditure per MW maximum coincident system demand ($/MW)	Expenditure per km circuit length ($/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers ($/MVA)
Operational expenditure	24,199	347	113,243	4,242	33,711
Network	7,010	100	32,803	1,229	9,765
Non-network	17,189	246	80,439	3,013	23,946
Expenditure on assets	29,601	424	138,519	5,189	41,236
Network	25,673	368	120,137	4,500	35,764
Non-network	3,928	56	18,382	689	5,472

1(ii): Revenue metrics

	Revenue per GWh energy delivered to ICPs ($/GWh)	Revenue per average no. of ICPs ($/ICP)
Total consumer line charge revenue	94,059	1,347
Standard consumer line charge revenue	94,850	1,322
Non-standard consumer line charge revenue	66,269	87,912

1(iii): Service intensity measures

Demand density	37	*Maximum coincident system demand per km of circuit length (for supply) (kW/km)*
Volume density	175	*Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)*
Connection point density	12	*Average number of ICPs per km of circuit length (for supply) (ICPs/km)*
Energy intensity	14,326	*Total energy delivered to ICPs per average number of ICPs (kWh/ICP)*

1(iv): Composition of regulatory income

	($000)	% of revenue
Operational expenditure	39,408	25.67%
Pass-through and recoverable costs excluding financial incentives and wash-ups	41,071	26.75%
Total depreciation	27,555	17.95%
Total revaluations	8,642	5.63%
Regulatory tax allowance	12,118	7.89%
Regulatory profit/(loss) including financial incentives and wash-ups	41,594	27.09%
Total regulatory income	153,545	

1(v): Reliability

Interruption rate	19.69	*Interruptions per 100 circuit km*

Company Name	**Unison Networks Limited**
For Year Ended	**31 March 2019**
Network / Sub-network Name	**Unison Networks Limited**

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

		Overhead (km)	Underground (km)	Total circuit length (km)
10	**Circuit length by operating voltage (at year end)**			
11	> 66kV	–	–	–
12	50kV & 66kV	–	–	–
13	33kV	426	71	497
14	SWER (all SWER voltages)	111	–	111
15	22kV (other than SWER)	–	–	–
16	6.6kV to 11kV (inclusive—other than SWER)	3,795	828	4,623
17	Low voltage (< 1kV)	1,240	2,819	4,059
18	**Total circuit length (for supply)**	5,572	3,718	9,290
19				
20	Dedicated street lighting circuit length (km)	365	1,371	1,736
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			82

		Circuit length (km)	(% of total overhead length)
23	**Overhead circuit length by terrain (at year end)**		
24	Urban	1,394	25%
25	Rural	1,269	23%
26	Remote only	249	4%
27	Rugged only	2,661	48%
28	Remote and rugged	–	–
29	Unallocated overhead lines	–	–
30	**Total overhead length**	5,572	100%

		Circuit length (km)	(% of total circuit length)
32			
33	Length of circuit within 10km of coastline or geothermal areas (where known)	3,172	34%

		Circuit length (km)	(% of total overhead length)
34			
35	Overhead circuit requiring vegetation management	5,572	100%

Company Name	**Unison Networks Limited**
For Year Ended	**31 March 2019**
Network / Sub-network Name	**Hawke's Bay**

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref

		Overhead (km)	Underground (km)	Total circuit length (km)
10	**Circuit length by operating voltage (at year end)**			
11	> 66kV	–	–	–
12	50kV & 66kV	–	–	–
13	33kV	249	40	289
14	SWER (all SWER voltages)	–	–	–
15	22kV (other than SWER)	–	–	–
16	6.6kV to 11kV (inclusive—other than SWER)	2,004	505	2,509
17	Low voltage (< 1kV)	734	2,009	2,743
18	**Total circuit length (for supply)**	2,987	2,554	5,541
19				
20	Dedicated street lighting circuit length (km)	128	896	1,024
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			17
22				

		Circuit length (km)	(% of total overhead length)
23	**Overhead circuit length by terrain (at year end)**		
24	Urban	895	30%
25	Rural	823	28%
26	Remote only	15	1%
27	Rugged only	1,254	42%
28	Remote and rugged	–	–
29	Unallocated overhead lines	–	–
30	**Total overhead length**	2,987	100%
31			

		Circuit length (km)	(% of total circuit length)
32			
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,332	24%

		Circuit length (km)	(% of total overhead length)
34			
35	Overhead circuit requiring vegetation management	2,987	100%

Company Name	**Unison Networks Limited**
For Year Ended	**31 March 2019**
Network / Sub-network Name	**Central Region**

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

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

sch ref				
9				
10	**Circuit length by operating voltage (at year end)**	**Overhead (km)**	**Underground (km)**	**Total circuit length (km)**
11	> 66kV	–	–	–
12	50kV & 66kV	–	–	–
13	33kV	177	31	208
14	SWER (all SWER voltages)	111	–	111
15	22kV (other than SWER)	–	–	–
16	6.6kV to 11kV (inclusive—other than SWER)	1,791	323	2,114
17	Low voltage (< 1kV)	505	810	1,315
18	**Total circuit length (for supply)**	2,584	1,164	3,748
19				
20	Dedicated street lighting circuit length (km)	237	475	713
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			65
22				
23	**Overhead circuit length by terrain (at year end)**	**Circuit length (km)**	**(% of total overhead length)**	
24	Urban	499	19%	
25	Rural	445	17%	
26	Remote only	234	9%	
27	Rugged only	1,406	54%	
28	Remote and rugged	–	–	
29	Unallocated overhead lines	–	–	
30	**Total overhead length**	2,584	100%	
31				
32		**Circuit length (km)**	**(% of total circuit length)**	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	1,840	49%	
34		**Circuit length (km)**	**(% of total overhead length)**	
35	Overhead circuit requiring vegetation management	2,584	100%	

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B7

17 October 2019

Dane Gunnell
Manager, Price-Quality Regulation
Commerce Commission
44 The Terrace
PO Box 2351
WELLINGTON 6140

Email: regulation.branch@comcom.govt.nz

Dear Dane

AMENDMENT TO INFORMATION DISCLOSURE SCHEDULE 9C

It has been identified that the total circuit length (for supply) in Schedule 9c for the year ending 31 March 2019 is incorrect.

Please find **attached** to this cover letter the following information to meet 2.12 'Disclosure of Errors in Previously Disclosed Information' of the Electricity Distribution Information Disclosure Determination 2012:

- Completed Schedules 1 and 9c for 2019 signed by two Directors; and
- Signed Director Certificate for completed Schedules.

It has been ascertained that the low voltage circuit length in Schedule 9c for 2019 contained in error the streetlight circuit length. The internal error is the result of a change in personnel in the information disclosure process. The below table shows the disclosed and revised circuit length data.

2019	Disclosed Overhead (km)	Corrected Overhead (km)	Disclosed Underground (km)	Corrected Underground (km)
Low voltage (< 1kV)	1,605	1,240	4,190	2,819
Total circuit length (for supply)	5,937	5,572	5,089	3,718

We intend to publicly disclose the information on Unison Networks Limited' website: https://www.unison.co.nz/tell-me-about/unison-group/publications-disclosures/information-disclosure

For any questions relating to this amendment, please contact Amanda Watson, Senior Regulatory Affairs Advisor by phone (06) 873 9372 or email Amanda.Watson@unison.co.nz.

Yours sincerely,

Nathan Strong
GENERAL MANAGER BUSINESS ASSURANCE

Certification for Year-end Disclosures

Schedule 18, Clause 2.9.2

We, Philip Hocquard and Robert Wheater, being directors of Unison Networks Limited certify that, having made all reasonable enquiry, to the best of our knowledge-

a) The information prepared for the purposes of 2.5.1 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and

b) The historical information used in the preparation of Schedule 9c for the year ending 31 March 2019 has been properly extracted from the Unison Networks Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained.

SIGNED: _____ _____

DIRECTOR **DIRECTOR**

DATE: 10/10/2019 10/10/2019