

**UnitedNetworks Limited**

**Information Disclosure Number 31  
November 1999**

*pursuant to*

**The Electricity (Information Disclosure) Regulations  
1999**

**FORM 8 : STATUTORY DECLARATION IN RESPECT OF STATEMENTS AND  
INFORMATION SUPPLIED TO SECRETARY**

I, [Donald George Bacon](#), of [Auckland](#), being a [director](#) of [UnitedNetworks Limited](#), solemnly and sincerely declare that having made all reasonable enquiry, to the best of my knowledge, the information attached to this declaration is a true copy of information made available to the public under the Electricity (Information Disclosure) Regulations 1999.

And I make this solemn declaration conscientiously believing the same to be true and by virtue of the Oaths and Declarations Act 1957.

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Declared at [Takapuna](#) this \_\_\_\_\_ day of [November](#) 1999

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[Solicitor](#)

## 1 Introduction

1.1 This disclosure amends the information previously disclosed in UnitedNetworks Limited's Information Disclosure 29. The sections amended are:

*Section 3.3: Schedule 1 – PART 4 (2a, 2b, 2c, 2h)*

*Section 3.4: Schedule 1 – PART 5 (5, 6, 7, 8, 11, 12, 15)*

1.2 In addition, this disclosure includes information on direct costs and indirect costs **for information purposes only**. This is in addition to the information previously disclosed in UnitedNetworks Limited's Information Disclosure 29:

*Section 3.1: Schedule 1 – PART 3 (2a & 2b)*

## 2 Amendments

2.1 System length and Customer numbers were previously calculated by use of a weighted average method across all acquisitions. To provide for an accurate comparison between the 1999 financial year, previous years, subsequent years and with other entities required to disclose such information, the calculation of system length and customer numbers has been changed to one of a simple average method.

The following table amends Information Disclosure 29:

*Section 3.3: Schedule 1 – PART 4 (2a, 2b, 2c, 2h)*

UnitedNetworks Year ended 31 March	1996	1997	1998	1999
<b>2 Statistics</b>				
a System length (kms)				
110kV	25	25	25	25
66kV	144	144	144	144
33kV	765	770	773	1,366
11kV	6,379	6,474	6,526	12,103
400V	5,634	5,735	5,822	10,582
<b>Total</b>	<b>12,946</b>	<b>13,148</b>	<b>13,290</b>	<b>24,219</b>
b Circuit length - overhead (kms)				
110kV	25	25	25	25
66kV	144	144	144	144
33kV	680	681	681	1,072
11kV	5,395	5,449	5,465	9,438
400V	3,773	3,796	3,809	6,018
<b>Total</b>	<b>10,017</b>	<b>10,095</b>	<b>10,124</b>	<b>16,696</b>
c Circuit length – underground (kms)				
110kV	-	-	-	-
66kV	-	-	-	-
33kV	85	89	92	294
11kV	984	1,025	1,061	2,665
400V	1,861	1,939	2,013	4,564
<b>Total</b>	<b>2,930</b>	<b>3,053</b>	<b>3,166</b>	<b>7,523</b>
h Total consumers	213,215	218,772	223,765	469,953

- 2.2 The information below has been changed as a result of re-calculating the system length and customer numbers disclosed in 2.1 above.

The following table amends Information Disclosure 29:

*Section 3.4: Schedule 1 – PART 5 (5, 6, 7, 8, 11, 12, 15)*

UnitedNetworks For the year ended 31 March		1996	1997	1998	1999
<b>5</b>	<b>Total Number of Faults per 100km</b>	<b>19.79</b>	<b>20.70</b>	<b>13.32</b>	<b>10.47</b>
	110kV	-	3.95	-	-
	66kV	3.48	0.70	4.87	3.47
	33kV	4.70	10.10	8.03	5.49
	11kV	22.04	22.47	14.19	11.14
		<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
	<b>Total Number of Faults Targeted/100km</b>	<b>9.82</b>			
	110kV	-			
	66kV	2.78			
	33kV	5.17			
	11kV	10.46			
	<b>Average Number of Faults / 100km</b>	<b>9.82</b>	<b>9.40</b>	<b>8.97</b>	<b>8.55</b>
	110kV	-	-	-	-
	66kV	2.78	2.78	2.78	2.78
	33kV	5.17	5.17	5.17	5.17
	11kV	10.46	9.98	9.50	8.54
		<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>
<b>6</b>	<b>Total Number of Faults per 100km (underground)</b>	<b>5.12</b>	<b>5.83</b>	<b>6.42</b>	<b>4.73</b>
	110kV	-	-	-	-
	66kV	-	-	-	-
	33kV	3.49	2.27	2.18	2.72
	11kV	5.26	6.14	6.78	4.95
<b>7</b>	<b>Total Number of Faults per 100km (overhead)</b>	<b>22.30</b>	<b>23.33</b>	<b>14.58</b>	<b>12.06</b>
	110kV	-	3.95	-	-
	66kV	3.48	0.70	4.87	3.47
	33kV	4.85	11.12	8.81	6.25
	11kV	25.10	25.65	15.62	12.88
<b>8</b>	<b>SAIDI – Total Number of Interruptions</b>	<b>233.00</b>	<b>219.40</b>	<b>171.19</b>	<b>179.32</b>
<b>11</b>	Class A	63.40	-	-	6.50
	Class B	28.50	23.01	28.39	22.48
	Class C	129.10	164.93	134.25	143.89
	Class D	12.00	31.54	8.55	6.47
	Class E	-	-	-	-
	Class F	-	-	-	-
	Class G	-	-	-	-
	Class H	-	-	-	-
	Class I	-	-	-	-
<b>12</b>	<b>SAIFI – Total Number of Interruptions</b>	<b>3.36</b>	<b>4.58</b>	<b>2.90</b>	<b>2.38</b>
<b>15</b>	Class A	0.18	-	-	0.03
	Class B	1.70	0.17	0.18	0.14
	Class C	2.58	3.29	2.37	1.97
	Class D	0.40	1.12	0.35	0.24
	Class E	-	-	-	-
	Class F	-	-	-	-
	Class G	-	-	-	-
	Class H	-	-	-	-
	Class I	-	-	-	-

### 3 Additional Information

The following table has been calculated using annualised data. Information Disclosure 29 consists of costs as per the Statement of Financial Performance which did not include a full 12 months data on the Wellington and Eastern networks as these were acquired late in the financial year.

The following table is for **information purposes only** and is in addition to the information previously disclosed in Information Disclosure 29:

*Section 3.1: Schedule 1 – PART 3 (2a & 2b)*

Year ended 31 March	1996	1997	1998	1999
<b>2 Efficiency performance measures</b>				
a Direct line costs per kilometre	\$1,131.51	\$959.21	\$975.50	\$1,209.32
b Indirect line costs per consumer	\$91.57	\$107.52	\$115.35	\$98.07