

VECTOR Limited

Electricity Lines Business

ENERGY DELIVERY EFFICIENCY PERFORMANCE MEASURES AND STATISTICS FOR THE YEAR ENDED 31 MARCH 2001

FIRST SCHEDULE - PART 4

1. Energy delivery efficiency performance measures

	2001	2000	1999	1998
(a) Load factor	62.40%	60.88%	58.06%	56.71%
(b) Loss ratio	4.50%	4.50%	4.47%	4.50%
(c) Capacity utilisation	39.56%	39.09%	35.40%	35.15%

2. Statistics

(a) System length (in kilometres)

	400V	6.6kV	11kV	22kV	33kV	110kV	Total
2001*	5,201.30	89.74	2,666.91	136.90	273.73	77.35	8,445.93
2000*	4,952.67	259.09	2,932.83	189.76	292.82	84.10	8,711.25
1999	4,747.18	414.45	3,236.26	251.46	294.42	70.66	9,014.41
1998	4,732.28	415.89	3,092.57	249.90	261.49	60.86	8,812.99

(b) Total circuit length (in kilometres) of overhead electric lines

	400V	6.6kV	11kV	22kV	33kV	110kV	Total
2001*	2,219.50	30.34	987.70	0.00	45.63	21.07	3,304.24
2000*	2,012.36	59.90	1,071.39	0.00	55.18	15.75	3,214.58
1999	1,800.60	91.99	1,177.86	0.00	64.66	5.25	3,140.36
1998	1,809.10	93.74	1,196.22	0.00	64.66	0.00	3,163.71

(c) Total circuit length (in kilometres) of underground electric lines

	400V	6.6kV	11kV	22kV	33kV	110kV	Total
2001*	2,981.80	59.40	1,679.21	136.90	228.10	56.28	5,141.69
2000*	2,940.32	199.19	1,861.44	189.76	237.64	68.35	5,496.68
1999	2,946.58	322.46	2,058.39	251.46	229.76	65.41	5,874.06
1998	2,923.19	322.15	1,896.35	249.90	196.83	60.86	5,649.28

* Data from computerised mapping system (GIS), previous years data from paper based systems.

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FOR THE YEAR ENDED 31 MARCH 2001**

FIRST SCHEDULE - PART 4 continued

	2001	2000	1999	1998
(d) Transformer capacity (MVA)	2,240.28	2,276.80	2,537.61 *	2,657.45 *
(e) Maximum demand (kW)	917,196	889,896	898,212	934,154
(f) Total electricity supplied (kWh)	4,765,457,410	4,423,646,932	4,363,866,868	4,432,166,623
(g) Total amount of electricity (kWh) conveyed through the system on behalf of each person that is an electricity retailer or generator, or both	4,990,007,759	4,632,091,028	507,455,757	244,212,463
Company A	3,243,838,139	3,596,656,415		
Company B	171,240,502	164,955,627		
Company C	26,621,668	753,622		
Company D	200,485,732	22,317,420		
Company E	100,565,025	59,134,908		
Company F	113,624,336	29,942,630		
Company G	-	151,262,287		
Company H	-	31,071,999		
Company I	361,220,090	148,461,144		
Company J	772,412,267	396,755,205		
Company K	-	30,726,946		
Company L	-	52,825		
(h) Total consumers	265,895	259,577	255,010	251,155

* Includes transformer capacity for customer owned transformers (1999: 262.97 MVA 1998: 367.61MVA)