

VECTOR Limited

Electricity Lines Business

Energy Delivery Efficiency Performance Measures And Statistics

For the year ended 31 March 2002

FIRST SCHEDULE – PART 4

1. Energy delivery efficiency performance measures

	2002	2001	2000	1999
(a) Load factor	59.41	62.11	59.26	58.06
(b) Loss ratio	4.50	4.50	4.50	4.47
(c) Capacity utilisation	41.84	40.94	39.09	39.49

2. Statistics

(a) System length (in kilometres)

		400V	6.6kV	11kV	22kV	33kV	110kV	Total
2002	*	5,318.61	65.47	2,722.63	126.50	280.74	64.84	8,578.79
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

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

		400V	6.6kV	11kV	22kV	33kV	110kV	Total
2002	*	2,218.76	26.63	989.31	2.91	45.63	0.00	3,283.24
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

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

		400V	6.6kV	11kV	22kV	33kV	110kV	Total
2002	*	3,099.85	38.84	1,733.32	123.59	235.11	64.84	5,295.55
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

* Data from computerised mapping system (GIS), 1999 data from paper based systems.

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Electricity Lines Business

Energy Delivery Efficiency Performance Measures And Statistics - continued

For the year ended 31 March 2002

FIRST SCHEDULE – PART 4 - CONTINUED

2. Statistics - continued

	2002	2001	2000	1999
(d) Transformer capacity (MVA)	2,349.45	2,240.28	2,276.80	2,274.64
(e) Maximum demand (kW)	982,910	917,196	889,896	898,212
(f) Total electricity entering system (before losses of electricity), in kilowatts:	5,115,120,438	4,990,007,759	4,632,091,028	4,568,059,110
(g) The total amount of electricity (in kilowatts hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an electricity retailer, or both:	4,884,940,018	4,765,457,410	4,423,646,932	4,363,866,868
Company A	2,728,749,951	3,097,865,423	3,434,806,876	6,883,037
Company B	-	163,534,679	157,532,624	2,285,319
Company C	37,776,653	25,423,693	719,709	8,491,629
Company D	595,950,503	191,463,874	21,313,136	51,084,610
Company E	390,723,653	96,039,599	56,473,837	145,503,236
Company F	319,926,289	108,511,241	28,595,213	259,703
Company G	-	-	144,455,484	34,053,517
Company H	-	-	29,673,759	77,993,706
Company I	337,161,361	344,965,186	141,780,392	143,797,273
Company J	474,651,608	737,653,715	378,901,221	90,791
Company K	-	-	29,344,233	37,012,936
Company L	-	-	50,448	3,856,411,111
(h) Total consumers	274,000	265,895	259,577	255,010