

MARLBOROUGH LINES LIMITED - LINES BUSINESS

PERFORMANCE MEASURES AND STATISTICS

Prepared in Accordance with The Electricity Information Disclosure Requirements 2004

REQUIREMENT 20 - ENERGY DELIVERY EFFICIENCY PERFORMANCE MEASURES AND STATISTICS

	2004	2003	2002	2001
1. Energy Delivery Efficiency Performance Measures				
(a) Load Factor	67.6%	67.3%	62.3%	62.6%
(b) Loss Ratio	5.9%	6.7%	5.7%	5.9%
(c) Capacity Utilisation	22.7%	23.8%	25.0%	26.5%
2. Statistics				
(a) System Length Breakdown in Kilometres				kms
33kV	298	324	262	259
11kV	2,153	2,092	2,075	2,052
6.6kV	49	51	51	51
LV	641	706	663	654
Total	3,141	3,173	3,050	3,015
(b) Circuit Length of Overhead System in Kilometres				kms
33kV	294	320	258	257
11kV	2,080	2,013	2,010	1,997
6.6kV	49	51	51	51
LV	458	537	527	530
Total	2,881	2,921	2,845	2,835
(c) Circuit Length of Underground System in Kilometres				kms
33kV	4	4	4	2
11kV	72	79	65	55
6.6kV	-	-	-	-
LV	183	169	136	124
Total	260	252	205	180
(d) Transformer Capacity in kVA	241,193	231,853	222,362	211,863
(e) Maximum demand in kW	54,814	55,092	55,609	56,224
(f) Total Electricity Entering the System in kWh			(before losses - 2001 after losses)	
	325,697,527	325,014,378	303,561,295	290,043,148
(g) Total Electricity Supplied from the System on behalf of each Generator and Retailer in kWh			(after losses - 2001 before losses)	
Retailer B	206,965,060	217,894,998	216,073,128	245,998,574
Retailer C	58,077,922	59,720,229	57,955,341	39,939,715
Retailer D	1,508,728	1,674,182	2,482,763	9,794,061
Retailer E	-	-	2,928,427	10,392,034
Retailer F	8,414,488	1,412,667	2,640,299	1,966,857
Retailer G	31,455,535	22,665,538	4,280,802	-
Total	306,421,733	303,367,614	286,360,760	308,091,241
(h) Total Consumers at year end	22,251	21,417	21,038	20,805
Average Consumers for year	21,834	21,228	20,922	20,689

These energy volumes have been provided by energy retailers; Marlborough Lines cannot assure readers as to the accuracy of this information.

Total Consumers includes a small number of installations where consumption is estimated on the basis of known load rather than recorded by metering equipment.