

MARLBOROUGH LINES LIMITED - LINES BUSINESS

PERFORMANCE MEASURES AND STATISTICS

Prepared in Accordance with The Electricity Information Disclosure Requirements 2004

REQUIREMENT 21 - RELIABILITY PERFORMANCE MEASURES

		targets					
		2006-09	2006	2005	2004	2003	2002
1.- 3.	Total Interruptions and Interruption Targets by Class						
	Class A - Transpower Planned			-	-	-	-
(a)	Class B - MLL Planned	181	181	259	277	241	159
(b)	Class C - MLL Unplanned	222	222	233	219	210	283
	Class D - Transpower Unplanned			6	11	3	1
	Class E - ECNZ Unplanned			-	-	-	-
	Class F - Other Generation			-	-	-	-
	Class G - Other			-	-	-	-
	Total			498	507	454	443
4.	Percentage of Class C Interruptions not Restored within -						
(a)	Three hours			27.9%	29.7%	21.4%	29.3%
(b)	24 hours			3.0%	3.2%	0.5%	2.8%
	Faults (Class C) per 100 Kilometres						
5.	Total number of faults per 100 Kilometres					faults/100 km	
	33 kV	2.0	2.1	2.3	3.0	0.9	3.8
	11kV	9.8	10.0	10.4	9.7	9.8	13.2
	6.6kV	-	-	-	4.1	2.0	-
	Total	8.6	8.8	9.3	8.8	8.5	11.9
6.	Faults (Class C) per 100 Kilometres Underground					faults/100 km	
	33 kV			-	-	-	-
	11kV			-	-	-	-
	Total			-	-	-	-
7.	Faults (Class C) per 100 Kilometres Overhead					faults/100 km	
	33 kV			2.4	3.1	0.9	3.9
	11kV			10.8	10.0	10.2	13.6
	6.6kV			-	4.1	2.0	-
	Total			8.6	9.0	8.8	12.2

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		targets					
		2006-09	2006	2005	2004	2003	2002
8.	SAIDI - total interruptions			224.9	222.4	203.8	208.2
9.- 11.	SAIDI per interruption class						consumer minutes
	Class A - Transpower Planned			-	-	-	-
(a)	Class B - MLL Planned	62.5	64.4	93.4	52.5	74.1	37.9
(b)	Class C - MLL Unplanned	109.9	113.2	119.8	141.2	125.7	148.0
	Class D - Transpower Unplanned			11.6	28.7	5.9	23.5
	Class E - ECNZ Unplanned			-	-	-	-
	Class F - Other Generation			-	-	-	-
	Class G - Other			-	-	-	-
12.	SAIFI - total interruptions			2.5	3.4	2.1	2.8
13.- 15.	SAIFI per interruption class						consumer minutes
	Class A - Transpower Planned			-	-	-	-
(a)	Class B - MLL Planned	0.3	0.3	0.4	0.3	0.3	0.2
(b)	Class C - MLL Unplanned	1.5	1.5	1.5	1.4	1.5	1.6
	Class D - Transpower Unplanned			0.6	1.7	0.3	1.0
	Class E - ECNZ Unplanned			-	-	-	-
	Class F - Other Generation			-	-	-	-
	Class G - Other			-	-	-	-
16.	CAIDI - total interruptions			89.0	65.7	96.1	73.6
17.- 19.	CAIDI per interruption class						consumer minutes
	Class A - Transpower Planned			-	-	-	-
	Class B - MLL Planned	187.3	187.3	254.3	156.0	232.6	158.4
	Class C - MLL Unplanned	74.9	74.9	78.8	101.3	83.1	90.9
	Class D - Transpower Unplanned			18.2	17.3	19.0	24.0
	Class E - ECNZ Unplanned			-	-	-	-
	Class F - Other Generation			-	-	-	-
	Class G - Other			-	-	-	-

All SAIDI, SAIFI and CAIDI figures have been calculated from average, rather than year end, consumer numbers. This is the methodology prescribed in the Commerce Act (Electricity Industry Distribution Threshold) Notice 2004. Prior years figures have been restated in accord with that method although the changes are not material.