

REPORT MP3: PRICE & QUALITY MEASURES

(Separate report required for each Non-contiguous Network)

Electricity Distribution Business: **Waipa Networks**
 For Year Ended: **2008**

Network Name: **Total Business**
 Disclosure: **Annual Disclosure - Requirement 6(1)**

QUALITY

Interruptions

Interruptions by class

Class A	1	planned interruptions by Transpower
Class B	45	planned interruptions on the network
Class C	101	unplanned interruptions on the network
Class D	5	unplanned interruptions by Transpower
Class E	-	unplanned interruptions of network owned generation
Class F	-	unplanned interruptions of generation (non-network)
Class G	-	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
Total	152	Total of above

Interruption targets for Forecast Year

Class B	2009	Current Financial Year +1	50	planned interruptions on the network
Class C	2009	Current Financial Year +1	110	unplanned interruptions on the network

Average interruption targets for 5 Forecast Years

Class B	2009-2013	Current Financial Year +1 to +5	50	planned interruptions on the network
Class C	2009-2013	Current Financial Year +1 to +5	110	unplanned interruptions on the network

Class C interruptions restored within

≤3Hrs	>3hrs
69	32

Faults

Faults per 100 circuit kilometres

The total number of faults for Current Financial Year	7.70	in year	2008
The total number of faults forecast for the Forecast Year	8.38	in year	2009
The average annual number of faults forecast for the 5 Forecast Years	8.38	average over years	2009-2013

Fault information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR		33kV		50kV & 66kV		≥66kV	
	Yes	No	No	No	No	No	No	No	No	No
Current Financial Year	7.70									
Forecast Year	8.38									
Average annual for 5 Forecast Years	8.38									

Fault information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR		33kV		50kV & 66kV		≥66kV	
Underground	2.31									
Overhead	8.08									

Reliability

Overall reliability

Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
	497.29	5.16	96.35

Reliability by interruption class

Class B	SAIDI	SAIFI	CAIDI
Class C	9.99	0.05	212.55
	-	1.83	56.07

Targets for Forecast Year

Class B	SAIDI	SAIFI	CAIDI
Class C	20.00	0.10	200.00
	157.00	2.42	65.00

Average targets for 5 Forecast Years

Class B	SAIDI	SAIFI	CAIDI
Class C	20.00	0.10	200.00
	154.00	2.39	65.00

PRICES

Price information by Connection Point Class

	Connection Point Class				Total	
	Small Connection Points	Medium Connection Points	Large Connection Points	Largest 5 Connection Points		
Gross line charge income (\$'000)	7,831	4,724	1,214	1,878	15,648	from FST
Electricity Supplied to Customers' Connection Points (MWh)	144,455	81,419	24,342	68,585	318,801	from MPI
Number of Connection Points (ICPs) at year-end	21,001	1,632	64	5	22,702	from MPI
Unit Price (cents/kWh)	5.4	5.8	5.0	2.7	4.9	
Relative Unit Price Index	1.00	1.07	0.92	0.51	0.91	

REPORT MP3: PRICE AND QUALITY (cont)**Notes to Price and Quality Measures**

89	MP3a: Connection Point Class breakpoints	
90		
91	Connection Point Class breakpoints methodology	kVA based breakpoints
92		
93	kVA based breakpoints - additional disclosure	
94	Breakpoint between small and medium classes	15 kVA
95	Breakpoint between large and medium classes	100 kVA
96		