

REPORT MP3: PRICE & QUALITY MEASURES

(Separate report required for each Non-contiguous Network)

Electricity Distribution Business: **Waipa Networks**
For Year Ended: **2011**Network Name: **Total Business**
Disclosure: **Annual Disclosure - Requirement 6(1)****QUALITY****Interruptions****Interruptions by class**

Class A	-	planned interruptions by Transpower
Class B	84	planned interruptions on the network
Class C	79	unplanned interruptions on the network
Class D	3	unplanned interruptions by Transpower
Class E	-	unplanned interruptions of network owned generation
Class F	-	unplanned interruptions of generation (non-network)
Class G	7	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
Total	173	Total of above

Interruption targets for Forecast Year

Class B	50	planned interruptions on the network
Class C	110	unplanned interruptions on the network

Average interruption targets for 5 Forecast Years

Class B	50	planned interruptions on the network
Class C	110	unplanned interruptions on the network

Class C interruptions restored within

≤3Hrs	>3hrs
55	24

Faults**Faults per 100 circuit kilometres**

The total number of faults for Current Financial Year	5.91	In year	2011
The total number of faults forecast for the Forecast Year	8.24	In year	2012
The average annual number of faults forecast for the 5 Forecast Years	8.24	average over years	2012-2016

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR	22kV non-SWGR	SWGR	33kV	50kV & 66kV	>66kV
Is this voltage part of the EDB system?	Yes	No	No	No	No	No
Current Financial Year	5.91					
Forecast Year	8.24					
Average annual for 5 Forecast Years	8.24					

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR	22kV non-SWGR	SWGR	33kV	50kV & 66kV	>66kV
Underground	0.92					
Overhead	6.36					

Reliability**Overall reliability**

Based on the total number of interruptions

SAIDI	SAIFI	CAIDI
199.34	3.26	61.09

Reliability by interruption class

SAIDI	SAIFI	CAIDI
28.35	0.12	229.18
85.92	1.44	59.74

Targets for Forecast Year

SAIDI	SAIFI	CAIDI
20.00	0.10	200.00
153.00	2.37	65.00

Average targets for 5 Forecast Years

SAIDI	SAIFI	CAIDI
20.00	0.10	200.00
151.00	2.34	65.00

PRICES**Price information by Connection Point Class**

	Connection Point Class					
	Small Connection Points	Medium Connection Points	Large Connection Points	Largest 5 Connection Points	Total	
Gross line charge income (\$000)	11,747	5,496	1,061	1,544	19,848	from FS1
Electricity Supplied to Customers' Connection Points (MWh)	165,916	84,337	15,873	68,140	334,266	from MP1
Number of Connection Points (ICPs) at year end	21,740	1,707	58	5	23,510	from MP1
Unit Price (cents/kWh)	7.1	6.5	6.7	2.3	5.9	
Relative Unit Price Index	1.00	0.92	0.94	0.32	0.84	

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		