

**REPORT MP3: PRICE & QUALITY MEASURES**  
 (Separate report required for each Non-contiguous Network)

Electricity Distribution Business: **Waipa Networks**  
 For Year Ended: **2010**  
 Network Name: **Total Business**  
 Disclosure: **Annual Disclosure - Requirement 6(1)**

**QUALITY**

**Interruptions**

Interruptions by class		
Class A	-	planned interruptions by Transpower
Class B	77	planned interruptions on the network
Class C	97	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	3	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
<b>Total</b>	<b>180</b>	<b>Total of above</b>

Interruption targets for Forecast Year	2011	Current Financial Year +1
Class B	50	planned interruptions on the network
Class C	110	unplanned interruptions on the network

  

Average interruption targets for 5 Forecast Years	2011-2015	Current Financial Year +1 to +5
Class B	50	planned interruptions on the network
Class C	110	unplanned interruptions on the network

  

Class C interruptions restored within	≤3Hrs	>3hrs
	69	28

**Faults**

Faults per 100 circuit kilometres			
The total number of faults for Current Financial Year	7.30	in year	2010
The total number of faults forecast for the Forecast Year	8.27	in year	2011
The average annual number of faults forecast for the 5 Forecast Years	8.27	average over years	2011-2015

**Fault Information per 100 circuit kilometres by Voltage and Type**

Is this voltage part of the EDB system?	6.6kV & 11kV non-SWER		22kV non-SWER	SWER	33kV	50kV & 66kV	>66kV
	Yes	No	No	No	No	No	No
Current Financial Year	7.30						
Forecast Year	8.27						
Average annual for 5 Forecast Years	8.27						

**Fault Information per 100 circuit kilometres by Voltage and Type**

	6.6kV & 11kV non-SWER	22kV non-SWER	SWER	33kV	50kV & 66kV	>66kV
Underground	-					
Overhead	7.93					

**Reliability**

Overall reliability	SAIDI	SAIFI	CAIDI
Based on the total number of interruptions	284.02	3.25	87.28

  

Reliability by interruption class	SAIDI	SAIFI	CAIDI
Class B	43.28	0.20	217.71
Class C	83.54	1.71	48.86

  

Targets for Forecast Year	SAIDI	SAIFI	CAIDI
Class B	20.00	0.10	200.00
Class C	154.00	2.39	65.00

  

Average targets for 5 Forecast Years	SAIDI	SAIFI	CAIDI
Class B	20.00	0.10	200.00
Class C	152.00	2.36	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)	10,787	5,441	1,437	1,601	19,266		from FS1
Electricity Supplied to Customers' Connection Points (MWh)	153,961	86,991	24,450	72,778	338,180		from MP1
Number of Connection Points (ICPs) at year end	21,328	1,778	65	5	23,176		from MP1
Unit Price (cents/kWh)	7.0	6.3	5.9	2.2	5.7		
Relative Unit Price Index	1.00	0.89	0.84	0.31	0.81		

**REPORT MP3: PRICE AND QUALITY (cont)**

**Notes to Price and Quality Measures**

**MP3a: Connection Point Class breakpoints**

Connection Point Class breakpoints methodology	kVA based breakpoints
kVA based breakpoints - additional disclosure	
Breakpoint between small and medium classes	15 kVA
Breakpoint between large and medium classes	100 kVA