

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

Electricity Distribution Business: **Waipa Networks**  
 For Year Ended: **2009**

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

**QUALITY**

**Interruptions**

**Interruptions by class**

Class A	-	planned interruptions by Transpower
Class B	94	planned interruptions on the network
Class C	136	unplanned interruptions on the network
Class D	1	unplanned interruptions by Transpower
Class E	-	unplanned interruptions of network owned generation
Class F	-	unplanned interruptions of generation (non-network)
Class G	4	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
<b>Total</b>	<b>235</b>	<b>Total of above</b>

**Interruption targets for Forecast Year**

Class B	2010	Current Financial Year +1
Class C	50	planned interruptions on the network
	110	unplanned interruptions on the network

**Average interruption targets for 5 Forecast Years**

Class B	2010-2014	Current Financial Year +1 to +5
Class C	50	planned interruptions on the network
	110	unplanned interruptions on the network

**Class C interruptions restored within**

≤3Hrs	>3hrs
102	34

**Faults**

**Faults per 100 circuit kilometres**

The total number of faults for Current Financial Year	10.26	in year	2009
The total number of faults forecast for the Forecast Year	8.30	in year	2010
The average annual number of faults forecast for the 5 Forecast Years	8.30	average over years	2010-2014

**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	10.26						
Forecast Year	8.30						
Average annual for 5 Forecast Years	8.30						

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

	6.6kV & 11kV non-SWER	22kV non-SWER	SWER	33kV	50kV & 66kV	>66kV
Underground	1.01					
Overhead	11.01					

**Reliability**

**Overall reliability**

Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
	236.99	3.08	76.84

**Reliability by interruption class**

Class B	SAIDI	SAIFI	CAIDI
Class C	39.84	0.20	203.27
	194.61	2.33	83.41

**Targets for Forecast Year**

Class B	SAIDI	SAIFI	CAIDI
Class C	20.00	0.10	200.00
	155.00	2.41	65.00

**Average targets for 5 Forecast Years**

Class B	SAIDI	SAIFI	CAIDI
Class C	20.00	0.10	200.00
	153.00	2.37	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)	10,350	4,502	1,015	1,531	17,399		from FS1
Electricity Supplied to Customers' Connection Points (MWh)	157,349	75,793	18,884	66,450	318,476		from MP1
Number of Connection Points (ICPs) at year end	21,175	1,662	55	5	22,897		from MP1
Unit Price (cents/kWh)	6.6	5.9	5.4	2.3	5.5		
Relative Unit Price Index	1.00	0.90	0.82	0.35	0.83		

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

**Notes to Price and Quality Measures**

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