

REPORT MP3: PRICE & QUALITY MEASURES

(Separate report required for each Non-contiguous Network)

Electricity Distribution Business:

Waipa Networks

For Year Ended: 2012

Network Name: Total Business

Disclosure: Annual Disclosure - Requirement 6(1)

QUALITY**Interruptions****Interruptions by class**

Class A	-	planned interruptions by Transpower:
Class B	91	planned interruptions on the network
Class C	117	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	7	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
Total	216	Total of above

Interruption targets for Forecast Year

Class B	2013	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	2013-2017	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
78	39

Faults**Faults per 100 circuit kilometres**

The total number of faults for Current Financial Year	8.75	in year	2012
The total number of faults forecast for the Forecast Year	8.23	in year	2013
The average annual number of faults forecast for the 5 Forecast Years	8.23	average over years	2013-2017

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWER	22kV non-SWER	SWER	33kV	50kV & 66kV	>66kV
Is this voltage part of the EDB system?	Yes	No	No	No	No	No
Current Financial Year	8.75					
Forecast Year	8.23					
Average annual for 5 Forecast Years	8.23					

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	9.54					

Reliability**Overall reliability**

Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
	274.30	3.58	76.70

Reliability by interruption class

Class B	SAIDI	SAIFI	CAIDI
Class C	46.32	0.16	292.61
	195.58	2.38	82.16

Targets for Forecast Year

Class B	SAIDI	SAIFI	CAIDI
Class C	20.00	0.10	200.00
	152.00	2.36	65.00

Average targets for 5 Forecast Years

Class B	SAIDI	SAIFI	CAIDI
Class C	20.00	0.10	200.00
	150.00	2.33	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)	10,725	5,425	1,901	1,616	19,667	from FS1	
Electricity Supplied to Customers' Connection Points (MWh)	155,864	85,877	30,142	75,011	346,895	from MP1	
Number of Connection Points (ICPs) at year end	21,997	1,682	75	5	23,759	from MP1	
Unit Price (cents/kWh)	6.9	6.3	6.3	2.2	5.7		
Relative Unit Price Index	1.00	0.92	0.92	0.31	0.82		

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		