

Appendix D

Electricity Invercargill Limited
Commerce Act (Electricity Distribution Thresholds) Notice 2004 and Amendment Notice 2006
Quality Inputs and Calculations for the
Assessment Date 31 March 2007

Year	SAIDI (Interruption Duration)			SAIFI (Interruption Frequency)		
	Class B	Class C	Total	Class B	Class C	Total
1999	7.70	43.40	51.10	0.07	1.27	1.34
2000	4.70	29.00	33.70	0.11	0.53	0.64
2001	4.00	31.00	35.00	0.05	1.07	1.12
2002	4.00	32.00	36.00	0.04	1.12	1.16
2003	2.00	19.40	21.40	0.01	0.69	0.70
Five Year Average	4.48	30.96	35.44	0.06	0.94	0.99
2004	4.50	45.10	49.60	0.03	1.25	1.28
2005	2.11	13.28	15.39	0.03	0.25	0.28
2006	0.21	18.87	19.08	-	0.54	0.54
2007	0.32	35.33	35.65	-	1.21	1.21

EXPLANATION OF BREACH OF QUALITY THRESHOLD (SAIDI / SAIFI)

Electricity Invercargill Limited has one of New Zealand's lowest SAIFI targets at 0.99 times and the lowest SAIDI target with an average of 35.4 minutes in the five years to 2003. The Company's comparative performance can be adversely impacted on by any events of significance.

On 9 September 2006 a substation trip occurred that equated to an increase in SAIFI of 0.37 times or 38% of the SAIFI target for the year. The outage also added 56,934 customer minutes which represented 9.5% of the SAIDI target. This event was sufficient to result in the breaches of both the SAIFI and SAIDI targets for the year.