

Appendix D

**The Power Company Limited
Commerce Act (Electricity Distribution Thresholds) Notice 2004 and Amendment Notice 2006
Quality Inputs and Calculations for the
Assessment Date 31 March 2008**

Year	SAIDI (Interruption Duration)			SAIFI (Interruption Frequency)		
	Class B	Class C	Total	Class B	Class C	Total
1999	60.90	276.50	337.40	0.55	5.49	6.04
2000	73.90	339.60	413.50	0.56	5.89	6.45
2001	16.00	130.00	146.00	0.13	2.76	2.89
2002	20.00	117.80	137.80	0.14	2.73	2.87
2003	18.90	147.80	166.70	0.11	3.22	3.33
Five Year Average	37.94	202.34	240.28	0.30	4.02	4.32
2004	11.10	140.70	151.80	0.10	3.42	3.52
2005	7.72	117.68	125.40	0.04	2.96	3.00
2006	14.77	143.56	158.34	0.08	2.91	2.99
2007	42.44	135.11	177.56	0.23	2.80	3.02
2008	41.22	255.47	296.69	0.27	3.50	3.77

EXPLANATION OF BREACH OF QUALITY THRESHOLD (SAIDI)

On 23 October 2007 a severe storm hit the Southland and Otago region that resulted in over 114 outages, some customers were not restored within 27 hours. The outages from this storm contributed 95.09 SAIDI minutes or 39.5% of the SAIDI target for the year. This event was sufficient to breach the SAIDI target for the year.