Gas Transmission Services Default Price-Quality Path Determination 2013

Compliance Statement

4 December 2014

Assessment period ending 30 September 2014

Table of Contents

1. INTRODUCTION

1.1. Background

1.1.1 This Compliance Statement ("the Statement") is submitted by Vector Limited ("Vector") pursuant to *clause 11* of the Gas Transmission Services Default Price-Quality Path Determination 2013 ("the Determination").

1.1.2 The Determination is issued pursuant to Part 4 of the Commerce Act 1986 and requires Gas Transmission Businesses ("GTB's") to provide information to the Commission relevant to the assessment of their performance against the price path and quality standards.

1.1.3 Under *clause 8* of the Determination a GTB's notional revenue must not exceed the allowable notional revenue during the current assessment period.

1.1.4 Under *clause 9* of the Determination a GTB must comply with the annual quality assessment formula for Response Time to Emergencies ("RTE") over the current assessment period.

1.1.5 The Statement has been prepared on 4 December 2014. In the Statement, references to Vector relate only to Vector's gas transmission business.

1.2. Statement of compliance

1.2.1 As required by *clause 11.2(a)* of the Determination, this Statement confirms Vector's compliance with the price path in clause 8 and the quality standards in clause 9 in respect of the assessment period ending on 30 September 2014.

1.2.2 With reference to *clause 11.7* of the Determination this statement confirms that *clause 10* did not apply in respect of the assessment period ending on 30 September 2014.

1.3. Disclaimer

1.3.1 The information contained in the Statement has been prepared for the express purpose of complying with the requirements of *clause 11* of the Determination.

The statement has not been prepared for any other purpose. Vector expressly disclaims any liability to any other party who may rely on the Statement for any other purpose.

1.3.2 For presentation purposes some numbers in the Statement have been rounded. In most cases calculations are based on more detailed numbers. This may cause small discrepancies or rounding inconsistencies when aggregating some of the information presented in the Statement. These discrepancies do not affect the overall compliance calculations which are based on the more detailed information.

2. PRICE PATH

2.1. Introduction

2.1.1 In this section Vector demonstrates that it has complied with the price path requirements in *clause 8* of the Determination. Vector has provided information to support the statement of compliance including:

a) the amount of allowable notional revenue, the amount of notional revenue, prices, quantities, units of measurement associated with all numeric data and other relevant data, information and calculations;

b) the amount of pass-through costs and recoverable costs that were used to calculate notional revenue, the supporting data, information, and calculations used to determine those amounts, including when each pass-through cost and recoverable cost amount was paid and the period to which those costs relate.

2.2. Price path (clause 8 of the Determination)

2.2.1 As required by *clause 8* of the Determination, in order to demonstrate compliance with the price path, GTB's must demonstrate that their notional revenue during the assessment period has not exceeded the allowable notional revenue for the assessment period. The current assessment period is the first assessment period and covers the 15 months to 30 September 2014.

2.2.2 Vector complies with the price path for the first assessment period, in accordance with *clause 8.4(b)* of the Determination:

$$0.25 \times ANR_{2013} + ANR_{2014} \geq 0.25 \times NR_{2013} + NR_{2014}$$

$$0.25 \times \$88,014,837 + \$88,792,387 \geq 0.25 \times \$122,702,894 + \$79,847,706$$

$$\$110,796,096 \geq \$110,510,834$$

2.2.3 Vector has calculated allowable notional revenue for the 2013 pricing period in accordance with *Schedule 4, Equation 1* of the Determination:

$$ANR_{2013} = \frac{MAR}{\Delta D}$$

$$ANR_{2013} = \frac{\$88,983,000}{1.011}$$

ANR_{2013} = \$88,014,837

a) *MAR* is the starting price specified in *Schedule 2, Table 3* of the Determination.
b) *ΔD* is the value specified in *Schedule 4, Table 4* of the Determination.

2.2.4 Allowable notional revenue for the 2014 pricing period has been calculated in accordance with *Schedule 4, Equation 2* of the Determination:

$ANR_{2014} = ANR_{2013}\ (1 + \Delta CPI_{2014})(1 - X)$

ANR_{2014} = \$88,014,837 (1 + 0.0088)(1 – 0)

ANR_{2014} = \$88,792,387

a) ΔCPI_{2014} is the derived change in the CPI specified in *Schedule 4, Equation 2* of the Determination. Details of how ΔCPI_{2014} was calculated is included in Appendix 17.
b) *X* is the rate of change specified in *Schedule 3* of the Determination.

2.2.5 Notional revenue for the 2013 pricing period has been calculated in accordance with *clause 8.5(a)* of the Determination:

$NR_t = \sum P_{i,t}Q_{i,t-2} - (K_t + V_t)$

$NR_{2013} = \sum P_{i,2013}Q_{i,2011} - (K_{2013} + V_{2013})$

NR_{2013} = \$122,702,894 – (\$0 + \$0)

NR_{2013} = \$122,702,894

a) Details of $\sum P_{i,2013}Q_{i,2011}$ are included in Appendices 9 to 16
b) *Clause 8.5(a)* of the Determination requires a nil value for K_{2013} and V_{2013} for the pricing period ending in 2013.

2.2.6 Notional revenue for the 2014 pricing period has been calculated in accordance with *clause 8.5(a)* of the Determination:

$NR_t = \sum P_{i,t}Q_{i,t-2} - (K_t + V_t)$

$NR_{2014} = \sum P_{i,2014}Q_{i,2012} - (K_{2014} + V_{2014})$

NR_{2014} = \$79,847,706– (\$0 + \$0)

NR_{2014} = \$79,847,706

a) Details of $\sum P_{i,2014}Q_{i,2012}$ are included in Appendices 1 to 8.

b) Details of K_{2014} and V_{2014} are included in Section 2.3.

2.2.7 Information relating to prices including all relevant quantities and units of measurement is included in Appendices 1 to 8.

2.3. Pass-through and recoverable costs

2.3.1 The determination of notional revenue allows for the recovery of a number of pass-through and recoverable costs for the assessment period. Vector has not included any pass-through or recoverable costs during the assessment period.

2.4. Restructuring of prices

2.4.1 Vector has restructured the prices that apply during the 2013 and 2014 pricing periods. These restructures relate to the pricing of non-standard consumers and we provide the information required by *clause 11.6* of the Determination in Appendix 18.

3. QUALITY STANDARDS

3.1. Introduction

3.1.1. In this section Vector demonstrates that it has complied with the quality standard, *clause 9* of the Determination. Vector has provided information to support the statement of compliance including: reference to relevant incident data and calculations, a description of the policies and procedures used for recording Response Time to Emergency (RTE) statistics and a statement confirming Vector has not excluded any RTE values over the assessment period.

3.2. RTE results for the assessment period

3.2.1. *Clause 9* of the Determination requires Vector to comply with the following equation:

$$\frac{RTE180}{(RTE_t - RTE_{excl})} = 1$$

Where:

- RTE180 is the total number of emergencies in the assessment period where the GTB's RTE was less than or equal to 180 minutes;
- RTE_t is the total number of emergencies in the assessment period; and
- RTE_{excl} is the total number of emergencies in the assessment period for which the Commission has granted an exclusion in writing.

3.2.2. Emergencies are rare events on gas transmission systems and there were none in this assessment period. Therefore it is not possible to apply the above formula as the calculation would be divided by zero.

3.3. Exclusions

3.3.1. Vector can confirm that for this assessment period it did not have any emergencies that the Commission determined may be excluded from the RTE values, nor does Vector have any exclusion requests pending a decision by the Commission for the assessment period.

3.4. Policies and procedures for recording RTE statistics

3.4.1. All network integrity data (including RTE) is recorded and compiled by the Gas Control Team based in the Gas Transmission Control Room in Taranaki. This is done following a prescriptive set of processes that have been developed to ensure accuracy and consistency of reporting. These processes are documented together in the Gas Transmission Operating Standard – Event Logging.

3.4.2. The Commerce Commission definition of an emergency as defined in the Determination is based on two different references, which when combined read as:

…an incident:

a) that has occurred on or in near vicinity of the pipeline, including leaks, third party damage, near-miss incidents, equipment failure, overpressure etc.; and

b) For which the GTB considers a representative of the GTB is required to immediately respond to.

3.4.3. An emergency event is triggered by the Gas Transmission Duty Manager declaring an emergency. Circumstances which lead to an emergency being declared area summarised in Appendix 19, and are consistent with incidents described in the Department of Labour *Guidelines for a Certificate of Fitness for High-Pressure Gas and Liquids Transmission Pipelines*, 2002.

3.4.4. RTE statistics are entered (in line with the Commission's definition of RTE) in SAP for each emergency event and the data retained in the system for reporting and analysis.

3.4.5. Gas Control completes Quality Control (QC) and remediation work in line with the detailed procedures outlined in the Operating Standard.

3.4.6. In addition to the QC work completed by Gas Control, transmission system performance information (including RTE) is further monitored by Vector. Quality Assurance (QA) work is undertaken on both RTE and non RTE events to ensure all information has been correctly categorised and labelled.

3.4.7. RTE performance is monitored on a monthly basis. At the end of the assessment period, Vector's RTE statistics are recorded and reported.

4. APPENDICES

Appendix 1: Summary of $Pi_{,2014}Qi_{,2012}$ for the 2014 assessment period

	$P_{i,2014}Q_{i,2012}$
Sum	**$ 79,847,706**

	$P_{i,2014}Q_{i,2012}$
Transmission published charges between 1 October 2013 to 30 September 2014	$ 47,358,391
Zonal overrun published charges between 1 October 2013 to 30 September 2014	$ 1,600,635
Transmission interconnection agreements charges between 1 October 2013 to 30 September 2014	$ 359,917
Transmission intra pipe charges charges between 1 October 2013 to 30 September 2014	$ 3,774,982
Transmission interruptable non-standard charges between 1 October 2013 to 30 September 2014	$ 2,462,323
Transmission non-standard charges between 1 October 2013 to 30 September 2014	$ 24,239,468
Transmission non-standard other charges between 1 October 2013 to 30 September 2014	$ 51,991

Appendix 2: Transmission published charges from 1 October 2013

	$P_{i,2014}Q_{i,2012}$
Sum	**$ 47,358,391**

Delivery Point	Throughput			Capacity			Overruns			Total
	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	
VTC001	$ -	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC002	$ 0.25	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC003	$ -	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC004	$ 0.25	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC005	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC006	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC007	$ 0.25	-	$ -	$ 0.20	-	$ -	$ 2.03	-	$ -	$ -
VTC008	$ 0.05	-	$ -	$ 0.20	-	$ -	$ 2.03	-	$ -	$ -
VTC009	$ -	1,509,508	$ -	$ 0.20	4,057,985	$ 822,554	$ -	-	$ -	$ 822,554
VTC010	$ 0.25	6,625,904	$ 1,656,476	$ 0.20	-	$ -	$ -	-	$ -	$ 1,656,476
VTC011	$ 0.25	-	$ -	$ 0.20	-	$ -	$ 2.03	-	$ -	$ -
VTC012	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC013	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC014	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC015	$ 0.05	58,649	$ 2,932	$ 0.66	142,840	$ 94,317	$ 6.60	689	$ 4,549	$ 101,799
VTC016	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC017	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC018	$ -	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC019	$ 0.25	144,048	$ 36,012	$ 0.20	-	$ -	$ -	-	$ -	$ 36,012
VTC020	$ 0.05	-	$ -	$ 0.20	-	$ -	$ 2.03	-	$ -	$ -
VTC021	$ -	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC022	$ 0.25	303,826	$ 75,957	$ 0.20	-	$ -	$ -	-	$ -	$ 75,957
VTC023	$ 0.25	-	$ -	$ 0.20	-	$ -	$ 2.03	-	$ -	$ -
VTC024	$ -	-	$ -	$ 0.20	-	$ -	$ 2.03	-	$ -	$ -
VTC025	$ 0.20	3,140,792	$ 628,158	$ 0.20	-	$ -	$ 2.03	-	$ -	$ 628,158
VTC026	$ 0.05	22,724	$ 1,136	$ 0.20	62,038	$ 12,575	$ 2.03	2,239	$ 4,539	$ 18,250
VTC027	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC028	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC029	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC030	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC031	$ 0.05	139,464	$ 6,973	$ 0.20	237,312	$ 48,103	$ 2.03	4,434	$ 8,989	$ 64,065
VTC032	$ 0.05	26,348	$ 1,317	$ 0.20	50,407	$ 10,217	$ 2.03	142	$ 288	$ 11,823
VTC033	$ 0.05	1,465	$ 73	$ 0.20	3,969	$ 804	$ 2.03	5	$ 10	$ 888
VTC034	$ 0.05	729,688	$ 36,484	$ 0.20	1,291,174	$ 261,721	$ -	-	$ -	$ 298,205
VTC035	$ 0.05	67,853	$ 3,393	$ 0.20	131,261	$ 26,607	$ 2.03	445	$ 902	$ 30,901
VTC036	$ 0.05	75,807	$ 3,790	$ 0.20	165,806	$ 33,609	$ -	-	$ -	$ 37,399
VTC037	$ 0.05	8,045	$ 402	$ 0.68	18,201	$ 12,417	$ -	-	$ -	$ 12,819
VTC038	$ 0.05	1,348,210	$ 67,410	$ 0.87	2,520,524	$ 2,182,270	$ -	-	$ -	$ 2,249,680
VTC039	$ 0.05	59,345	$ 2,967	$ 0.68	111,784	$ 76,259	$ 6.82	67	$ 459	$ 79,686
VTC040	$ 0.05	147,020	$ 7,351	$ 0.68	315,831	$ 215,460	$ -	-	$ -	$ 222,811
VTC041	$ 0.05	154	$ 8	$ 0.68	324	$ 221	$ -	-	$ -	$ 229
VTC042	$ 0.05	33,934	$ 1,697	$ 0.87	73,884	$ 63,969	$ 8.66	624	$ 5,402	$ 71,067
VTC043	$ 0.05	309,433	$ 15,472	$ 0.87	508,726	$ 440,455	$ -	-	$ -	$ 455,927
VTC044	$ 0.05	778,023	$ 38,901	$ 0.68	1,227,227	$ 837,214	$ -	-	$ -	$ 876,115
VTC045	$ 0.05	158,613	$ 7,931	$ 0.68	322,639	$ 220,104	$ -	-	$ -	$ 228,035
VTC046	$ 0.05	378,974	$ 18,949	$ 0.67	735,217	$ 489,507	$ -	-	$ -	$ 508,456
VTC047	$ 0.05	80,915	$ 4,046	$ 0.67	146,400	$ 97,473	$ -	-	$ -	$ 101,519
VTC048	$ 0.05	3,302	$ 165	$ 0.68	20,794	$ 14,185	$ -	-	$ -	$ 14,350
VTC049	$ 0.05	17,687	$ 884	$ 0.67	24,221	$ 16,126	$ 6.66	126	$ 837	$ 17,847
VTC050	$ 0.05	51,811	$ 2,591	$ 0.67	101,862	$ 67,820	$ 6.66	391	$ 2,606	$ 73,016
VTC051	$ 0.05	732	$ 37	$ 0.87	1,354	$ 1,172	$ 8.66	3	$ 28	$ 1,237
VTC052	$ 0.05	28,387	$ 1,419	$ 0.67	62,833	$ 41,834	$ 6.66	66	$ 438	$ 43,691
VTC053	$ 0.05	261,440	$ 13,072	$ 0.87	485,720	$ 420,537	$ 8.66	1,498	$ 12,973	$ 446,582
VTC054	$ 0.05	220,568	$ 11,028	$ 0.68	394,146	$ 268,886	$ -	-	$ -	$ 279,915
VTC055	$ 0.05	22,870	$ 1,143	$ 0.67	44,632	$ 29,716	$ -	-	$ -	$ 30,860
VTC056	$ 0.05	17,781	$ 889	$ 0.68	23,494	$ 16,028	$ 6.82	35	$ 236	$ 17,153
VTC057	$ 0.05	13,288	$ 664	$ 0.68	40,260	$ 27,465	$ 6.82	342	$ 2,332	$ 30,462
VTC058	$ 0.05	57,563	$ 2,878	$ 0.67	104,950	$ 69,876	$ 6.66	609	$ 4,054	$ 76,808
VTC059	$ 0.05	422	$ 21	$ 0.67	670	$ 446	$ 6.66	20	$ 130	$ 598
VTC060	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC061	$ 0.05	-	$ -	$ 0.67	-	$ -	$ -	-	$ -	$ -
VTC062	$ 0.05	7,506	$ 375	$ 0.68	17,065	$ 11,642	$ -	-	$ -	$ 12,017
VTC063	$ 0.05	19,918	$ 996	$ 0.87	40,084	$ 34,705	$ -	-	$ -	$ 35,701
VTC064	$ 0.05	420,288	$ 21,014	$ 0.68	511,320	$ 348,822	$ 6.82	1,911	$ 13,035	$ 382,871
VTC065	$ 0.05	802,618	$ 40,131	$ 0.68	1,459,564	$ 995,715	$ 6.82	4,425	$ 30,186	$ 1,066,032
VTC066	$ 0.05	134,721	$ 6,736	$ 0.87	231,478	$ 200,414	$ -	-	$ -	$ 207,150
VTC067	$ 0.05	17,058	$ 853	$ 0.67	36,465	$ 24,278	$ 6.66	54	$ 362	$ 25,493
VTC068	$ 0.05	769	$ 38	$ 0.87	1,830	$ 1,584	$ -	-	$ -	$ 1,623
VTC069	$ 0.05	104,112	$ 5,206	$ 0.68	205,030	$ 139,871	$ 6.82	748	$ 5,104	$ 150,182
VTC070	$ 0.05	1,984,133	$ 99,207	$ 0.87	3,141,401	$ 2,719,825	$ -	-	$ -	$ 2,819,032
VTC071	$ 0.05	407,068	$ 20,353	$ 0.87	883,042	$ 764,538	$ -	-	$ -	$ 784,891
VTC072	$ 0.05	797	$ 40	$ 0.87	1,720	$ 1,489	$ -	-	$ -	$ 1,529
VTC073	$ 0.05	51,279	$ 2,564	$ 0.87	93,598	$ 81,037	$ -	-	$ -	$ 83,601
VTC074	$ 0.05	32,375	$ 1,619	$ 0.67	45,678	$ 30,412	$ 6.66	887	$ 5,902	$ 37,933
VTC075	$ 0.05	885,565	$ 44,278	$ 0.67	1,611,369	$ 1,072,849	$ 6.66	6,677	$ 44,453	$ 1,161,580
VTC076	$ 0.05	431	$ 22	$ 0.67	4,567	$ 3,041	$ 6.66	53	$ 354	$ 3,417
VTC077	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC078	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC079	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC080	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC081	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC082	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC083	$ 0.05	3,865	$ 193	$ 0.66	8,491	$ 5,607	$ 6.60	78	$ 518	$ 6,318
VTC084	$ -	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -

Delivery Point	Throughput			Capacity			Overruns			Total
	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014} Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014} Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014} Q_{i,2012}$	
VTC085	$ 0.25	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC086	$ 0.05	-	$ -	$ 0.20	-	$ -	$ 2.03	-	$ -	$ -
VTC087	$ -	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC088	$ 0.25	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC089	$ 0.05	6,552	$ 328	$ 0.20	13,108	$ 2,657	$ 2.03	130	$ 263	$ 3,248
VTC090	$ 0.05	1,618	$ 81	$ 0.20	5,009	$ 1,015	$ 2.03	4	$ 9	$ 1,105
VTC091	$ 0.05	8,226	$ 411	$ 0.20	23,673	$ 4,799	$ 2.03	421	$ 853	$ 6,063
VTC092	$ 0.05	10,117	$ 506	$ 0.72	21,594	$ 15,442	$ 7.15	149	$ 1,065	$ 17,013
VTC093	$ 0.05	1,594	$ 80	$ 0.72	3,117	$ 2,229	$ 7.15	119	$ 851	$ 3,159
VTC094	$ 0.05	410,178	$ 20,509	$ 0.72	619,292	$ 442,856	$ 7.15	16,304	$ 116,583	$ 579,947
VTC095	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC096	$ 0.05	291	$ 15	$ 0.91	102,227	$ 93,262	$ -	-	$ -	$ 93,276
VTC097	$ 0.05	1,211,967	$ 60,598	$ 0.91	1,459,656	$ 1,331,644	$ -	-	$ -	$ 1,392,243
VTC098	$ 0.05	281,707	$ 14,085	$ 0.91	482,544	$ 440,225	$ 9.12	4,398	$ 40,122	$ 494,432
VTC099	$ 0.05	594,478	$ 29,724	$ 0.86	959,855	$ 828,355	$ -	-	$ -	$ 858,079
VTC100	$ 0.05	250,752	$ 12,538	$ 0.86	417,252	$ 360,088	$ -	-	$ -	$ 372,626
VTC101	$ 0.05	10,612	$ 531	$ 0.91	21,670	$ 19,769	$ -	-	$ -	$ 20,300
VTC102	$ 0.05	-	$ -	$ 0.91	-	$ -	$ -	-	$ -	$ -
VTC103	$ 0.05	588,336	$ 29,417	$ 0.91	647,547	$ 590,757	$ -	-	$ -	$ 620,174
VTC104	$ 0.05	58,903	$ 2,945	$ 0.72	180,109	$ 128,796	$ 7.15	741	$ 5,299	$ 137,040
VTC105	$ 0.05	18,195	$ 910	$ 0.72	32,477	$ 23,224	$ -	-	$ -	$ 24,134
VTC106	$ 0.05	3,264,978	$ 163,249	$ 0.72	4,184,676	$ 2,992,462	$ -	-	$ -	$ 3,155,711
VTC107	$ 0.05	411,739	$ 20,587	$ 0.72	558,244	$ 399,201	$ 7.15	3,093	$ 22,119	$ 441,906
VTC108	$ 0.05	730	$ 37	$ 0.72	1,135	$ 811	$ 7.15	-	$ -	$ 848
VTC109	$ 0.05	7,588	$ 379	$ 0.91	17,240	$ 15,728	$ 9.12	746	$ 6,807	$ 22,915
VTC110	$ 0.05	79,885	$ 3,994	$ 0.72	135,696	$ 97,036	$ 7.15	218	$ 1,561	$ 102,591
VTC111	$ 0.05	-	$ -	$ 0.86	-	$ -	$ 8.63	-	$ -	$ -
VTC112	$ 0.05	496,785	$ 24,839	$ 0.91	707,272	$ 645,244	$ 9.12	2,874	$ 26,216	$ 696,300
VTC113	$ 0.05	382,327	$ 19,116	$ 0.91	655,466	$ 597,981	$ 9.12	1,216	$ 11,096	$ 628,194
VTC114	$ 0.05	123,023	$ 6,151	$ 0.91	233,857	$ 213,348	$ 9.12	825	$ 7,528	$ 227,027
VTC115	$ 0.05	23,424	$ 1,171	$ 0.86	43,480	$ 37,524	$ -	-	$ -	$ 38,695
VTC116	$ 0.05	2,135	$ 107	$ 0.91	4,922	$ 4,490	$ 9.12	15	$ 134	$ 4,731
VTC117	$ 0.05	4,049	$ 202	$ 0.72	6,609	$ 4,726	$ -	-	$ -	$ 4,928
VTC118	$ 0.05	195,968	$ 9,798	$ 0.72	331,299	$ 236,912	$ -	-	$ -	$ 246,710
VTC119	$ 0.05	71,573	$ 3,579	$ 0.72	140,645	$ 100,575	$ 7.15	1,887	$ 13,490	$ 117,644
VTC120	$ 0.05	24,037	$ 1,202	$ 0.72	31,120	$ 22,254	$ 7.15	44	$ 314	$ 23,770
VTC121	$ 0.05	78,477	$ 3,924	$ 0.91	130,535	$ 119,087	$ 9.12	619	$ 5,647	$ 128,658
VTC122	$ 0.05	442	$ 22	$ 0.20	1,019	$ 207	$ 2.03	46	$ 93	$ 321
VTC123	$ 0.05	41	$ 2	$ 0.20	1,138	$ 231	$ 2.03	1	$ 1	$ 234
VTC124	$ 0.05	6,933	$ 347	$ 0.66	36,125	$ 23,853	$ -	-	$ -	$ 24,200
VTC125	$ 0.05	24,891	$ 1,245	$ 0.66	146,214	$ 96,545	$ -	-	$ -	$ 97,790
VTC126	$ 0.05	202,026	$ 10,101	$ 0.66	332,218	$ 219,364	$ -	-	$ -	$ 229,465
VTC127	$ 0.05	425,060	$ 21,253	$ 0.66	668,367	$ 441,323	$ -	-	$ -	$ 462,576
VTC128	$ 0.05	2,082,292	$ 104,115	$ 0.66	2,603,350	$ 1,718,992	$ 6.60	30,670	$ 202,504	$ 2,025,611
VTC129	$ 0.05	11,431,759	$ 571,588	$ 0.66	18,799,725	$ 12,413,459	$ -	-	$ -	$ 12,985,047
VTC130	$ 0.05	385,374	$ 19,269	$ 0.66	623,506	$ 411,701	$ -	-	$ -	$ 430,970
VTC131	$ 0.05	77,948	$ 3,897	$ 0.66	224,620	$ 148,316	$ -	-	$ -	$ 152,214
VTC132	$ 0.05	77,577	$ 3,879	$ 0.66	140,178	$ 92,560	$ -	-	$ -	$ 96,438
VTC133	$ 0.05	54,669	$ 2,733	$ 0.66	549,000	$ 362,505	$ -	-	$ -	$ 365,238
VTC134	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC135	$ 0.05	957	$ 48	$ 0.66	2,477	$ 1,636	$ -	-	$ -	$ 1,684
VTC136	$ 0.05	-	$ -	$ 0.96	-	$ -	$ 9.59	-	$ -	$ -
VTC137	$ 0.05	-	$ -	$ 0.96	-	$ -	$ 9.59	-	$ -	$ -
VTC138	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC139	$ -	17	$ -	$ -	44	$ -	$ -	-	$ -	$ -
VTC140	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC141	$ 0.05	44,853	$ 2,243	$ 0.66	73,856	$ 48,767	$ -	-	$ -	$ 51,009
VTC142	$ 0.05	16,120	$ 806	$ 0.66	40,573	$ 26,790	$ -	-	$ -	$ 27,596
VTC143	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC144	$ 0.05	163,575	$ 8,179	$ 0.66	309,328	$ 204,249	$ -	-	$ -	$ 212,428
VTC145	$ 0.05	97,548	$ 4,877	$ 0.66	212,483	$ 140,303	$ -	-	$ -	$ 145,180
VTC146	$ 0.05	12,594	$ 630	$ 0.96	33,170	$ 31,807	$ 9.59	88	$ 848	$ 33,284
VTC147	$ 0.05	1,239	$ 62	$ 0.96	3,038	$ 2,913	$ 9.59	7	$ 66	$ 3,041
VTC148	$ 0.05	122,761	$ 6,138	$ 0.96	198,528	$ 190,368	$ 9.59	101	$ 971	$ 197,477
VTC149	$ 0.05	1,458,465	$ 72,923	$ 0.26	3,168,486	$ 833,312	$ 2.63	11,483	$ 30,201	$ 936,436
VTC150	$ 0.05	-	$ -	$ 0.20	-	$ -	$ 2.03	-	$ -	$ -
VTC151	$ -	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC152	$ 0.25	-	$ -	$ 0.20	-	$ -	$ -	-	$ -	$ -
VTC153	$ 0.05	487,070	$ 24,353	$ 0.66	847,484	$ 559,594	$ 6.60	5,336	$ 35,232	$ 619,179
VTC154	$ 0.05	9,449	$ 472	$ 0.66	26,824	$ 17,712	$ 6.60	15	$ 97	$ 18,281
VTC155	$ 0.05	283,176	$ 14,159	$ 0.66	375,150	$ 247,712	$ -	-	$ -	$ 261,870
VTC156	$ 0.05	9,124	$ 456	$ 0.66	20,500	$ 13,536	$ -	-	$ -	$ 13,992
VTC157	$ 0.05	573	$ 29	$ 0.66	1,354	$ 894	$ 6.60	12	$ 80	$ 1,003
VTC158	$ 0.05	41,592	$ 2,080	$ 0.66	70,956	$ 46,852	$ -	-	$ -	$ 48,932
VTC159	$ 0.05	403,497	$ 20,175	$ 0.66	641,602	$ 423,650	$ -	-	$ -	$ 443,825
VTC160	$ 0.05	294,033	$ 14,702	$ 0.66	352,326	$ 232,641	$ 6.60	3,624	$ 23,926	$ 271,269
VTC161	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC162	$ 0.05	111,238	$ 5,562	$ 0.66	304,768	$ 201,238	$ 6.60	2,264	$ 14,948	$ 221,748
VTC163	$ 0.05	25,503	$ 1,275	$ 0.72	57,984	$ 41,464	$ 7.15	378	$ 2,706	$ 45,446
VTC164	$ 0.05	30,363	$ 1,518	$ 0.72	82,883	$ 59,269	$ 7.15	1,347	$ 9,635	$ 70,422

Appendix 3: Zonal overrun published charges from 1 October 2013

	$P_{i,2014}Q_{i,2012}$
Sum	**$1,600,635**

Delivery Point	Throughput			Capacity			Overruns			Total
	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	
Auckland Zone	$ -	-	$ -	$ -	-	$ -	$ 6.60	1,460	$ 9,642	$ 9,642
Edgecumbe Zone	$ -	-	$ -	$ -	-	$ -	$ 9.12	10,009	$ 91,319	$ 91,319
Hastings Zone	$ -	-	$ -	$ -	-	$ -	$ 6.82	2,715	$ 18,521	$ 18,521
Hawera Zone	$ -	-	$ -	$ -	-	$ -	$ 6.66	17,468	$ 116,293	$ 116,293
Kawerau Zone	$ -	-	$ -	$ -	-	$ -	$ 9.12	4,532	$ 41,348	$ 41,348
Kinleith Zone	$ -	-	$ -	$ -	-	$ -	$ 7.15	140,851	$ 1,007,181	$ 1,007,181
Kiwitahi Zone	$ -	-	$ -	$ -	-	$ -	$ 6.60	373	$ 2,463	$ 2,463
Manawatu Zone	$ -	-	$ -	$ -	-	$ -	$ 6.82	6,236	$ 42,541	$ 42,541
Morrinvsille Zone	$ -	-	$ -	$ -	-	$ -	$ 6.60	2,632	$ 17,380	$ 17,380
New Plymouth Zone	$ -	-	$ -	$ -	-	$ -	$ 2.03	937	$ 1,899	$ 1,899
Okaiawa-Manaia Zone	$ -	-	$ -	$ -	-	$ -	$ 6.66	10	$ 64	$ 64
South Auckland Rural Zone	$ -	-	$ -	$ -	-	$ -	$ 6.60	2,553	$ 16,859	$ 16,859
Tirau Zone	$ -	-	$ -	$ -	-	$ -	$ 7.15	4,975	$ 35,574	$ 35,574
Wellington Zone	$ -	-	$ -	$ -	-	$ -	$ 8.66	21,905	$ 189,644	$ 189,644
Western Bay Of Plenty Zone	$ -	-	$ -	$ -	-	$ -	$ 8.63	1,148	$ 9,906	$ 9,906

Appendix 4: Transmission interconnection agreements charges from 1 October 2013

	$P_{i,2014}Q_{i,2012}$
Sum	**$ 359,917**

Delivery	Throughput			Capacity			Fixed charge			Total
	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	
ICA001	$ -	-	$ -	$ -	-	$ -	$ 22	-	$ -	$ -
ICA002	$ -	-	$ -	$ -	-	$ -	$ 570	17	$ 9,691	$ 9,691
ICA003	$ -	-	$ -	$ -	-	$ -	$ 590	349	$ 206,036	$ 206,036
ICA004	$ -	-	$ -	$ -	-	$ -	$ 56	366	$ 20,611	$ 20,611
ICA005	$ -	-	$ -	$ -	-	$ -	$ 36	366	$ 13,121	$ 13,121
ICA006	$ -	-	$ -	$ -	-	$ -	$ 55	366	$ 20,055	$ 20,055
ICA007	$ -	-	$ -	$ -	-	$ -	$ 52	366	$ 18,905	$ 18,905
ICA008	$ -	-	$ -	$ -	-	$ -	$ 35	366	$ 12,952	$ 12,952
ICA009	$ -	-	$ -	$ -	-	$ -	$ 36	6	$ 217	$ 217
ICA010	$ -	-	$ -	$ -	-	$ -	$ 21	366	$ 7,788	$ 7,788
ICA011A	$ -	-	$ -	$ -	-	$ -	$ 70	152	$ 10,595	$ 10,595
ICA011B	$ -	-	$ -	$ -	-	$ -	$ 70	214	$ 14,916	$ 14,916
ICA012	$ -	-	$ -	$ -	-	$ -	$ 35	366	$ 12,952	$ 12,952
ICA013	$ -	-	$ -	$ -	-	$ -	$ 33	366	$ 12,078	$ 12,078
ICA014	$ -	-	$ -	$ -	-	$ -	$ 35	-	$ -	$ -

Appendix 5: Transmission interruptible shipper charges from 1 October 2013

	$P_{i,2014}Q_{i,2012}$
Sum	**$ 3,774,982**

Delivery Point	Throughput			Capacity			Overruns			Fixed charge			Total
	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	
ISC001	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	0	$ -	$ -
ISC002	$ 0.30	700,648	$ 210,194	$ -	631,155	$ -	$ -	-	$ -	$ -	366	$ -	$ 210,194
ISC003	$ -	12,404,929	$ -	$ -	13,908,000	$ -	$0.50	-	$ -	$ 5,755.6	366	$ 2,106,559.5	$ 2,106,560
ISC004	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	0	$ -	$ -
ISC005	$ -	4,974,231	$ -	$ -	9,150,000	$ -	$0.50	364	$ 182.00	$ 1.0	366	$ 366.0	$ 548
ISC006	$ 0.30	4,169,455	$ 1,250,837	$ -	3,635,178	$ -	$ -	-	$ -	$ -	366	$ -	$ 1,250,837
ISC007	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	0	$ -	$ -
ISC015	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	0	$ -	$ -
ISC009	$ -	1,034,218	$ -	$ 0.20	1,034,218	$ 206,844	$2.00	-	$ -	$ -	366	$ -	$ 206,844
ISC010	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	0	$ -	$ -

Appendix 6: Transmission interruptible non-standard charges from 1 October 2013

	$P_{i,2014}Q_{i,2012}$
Sum	**$ 2,462,323**

Delivery Point	Throughput			Capacity			Overruns			Fixed charge			Total
	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	
IUC001	$ 0.05	-	$ -	$ 0.52	-	$ -	$ 9.12	-	$ -	$ -	0	$ -	$ -
IUC002	$ 0.05	2,489,434	$ 124,472	$ 0.59	2,740,685	$ 1,625,774	$ 11.86	7,764	$ 92,098.80	$ -	366	$ -	$ 1,842,345
IUC003	$ -	1,911,001	$ -	$ 0.31	1,911,001	$ 592,410	$ 3.10	-	$ -	$ -	366	$ -	$ 592,410
IUC004	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	0	$ -	$ -
IUC005	$ 0.05	67,864	$ 3,393	$ 0.34	67,864	$ 23,243	$ 6.85	-	$ -	$ -	366	$ -	$ 26,636
IUC006	$ -	-	$ -	$ 0.20	-	$ -	$ 3.93	-	$ -	$ -	366	$ -	$ -
IUC007	$ 0.05	2,458	$ 123	$ 0.33	2,458	$ 808	$ 6.58	-	$ -	$ -	366	$ -	$ 931

Appendix 7: Transmission non-standard charges from 1 October 2013

	$P_{i,2014}Q_{i,2012}$
Sum	**$ 24,239,468**

Contract	Throughput			Capacity			Overruns			Fixed charge			Total
	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	
NSA001	$ 0.05	2,919	$ 146	$ 0.66	24,800	$ 16,375	$ 6.60	-	$ -	$ -	31	$ -	$ 16,521
NSA002	$ 0.05	70,264	$ 3,513	$ 0.66	268,000	$ 176,953	$ 6.60	-	$ -	$ -	335	$ -	$ 180,467
NSA003	$ 0.05	5,599	$ 280	$ 0.86	15,500	$ 13,377	$ 8.63	-	$ -	$ -	31	$ -	$ 13,657
NSA004	$ 0.05	57,078	$ 2,854	$ 0.86	167,500	$ 144,555	$ 8.63	-	$ -	$ -	335	$ -	$ 147,409
NSA005	$ 0.39	292,178	$ 114,622	$ 0.14	603,900	$ 86,901	$ 6.60	-	$ -	$ 7	366	$ 2,393	$ 203,916
NSA006	$ -	4,643,430	$ -	$ 0.21	8,235,000	$ 1,737,247	$ 2.11	-	$ -	$ -	366	$ -	$ 1,737,247
NSA007	$ 0.05	6,642	$ 332	$ 1.18	27,550	$ 32,456	$ 8.63	-	$ -	$ -	366	$ -	$ 32,788
NSA008	$ 0.05	123,354	$ 6,168	$ 0.91	549,000	$ 500,868	$ 9.12	177	$ 1,612.87	$ -	366	$ -	$ 508,649
NSA009	$ 0.05	1,943	$ 97	$ 0.96	43,920	$ 42,115	$ 9.59	7	$ 69.32	$ -	366	$ -	$ 42,282
NSA010	$ 0.05	538,411	$ 26,921	$ 0.92	823,500	$ 757,146	$ 9.12	88	$ 804.54	$ -	366	$ -	$ 784,871
NSA011	$ 0.05	99,916	$ 4,996	$ 0.68	292,800	$ 200,548	$ 6.82	-	$ -	$ -	366	$ -	$ 205,544
NSA012	$ 1.39	47,651	$ 66,029	$ -	351,360	$ -	$ 13.86	-	$ -	$ 208	366	$ 76,074	$ 142,103
NSA013	$ 0.05	512,316	$ 25,616	$ 0.68	1,005,750	$ 686,114	$ 6.82	-	$ -	$ -	366	$ -	$ 711,730
NSA014	$ 0.05	170,101	$ 8,505	$ 0.67	263,520	$ 175,439	$ 6.66	-	$ -	$ -	366	$ -	$ 183,944
NSA015	$ 0.05	44,929	$ 2,246	$ 0.68	109,800	$ 74,905	$ 6.82	1,059	$ 7,221.21	$ -	366	$ -	$ 84,372
NSA016	$ 0.05	126,840	$ 6,342	$ 0.72	237,840	$ 170,072	$ 7.15	-	$ -	$ -	366	$ -	$ 176,414
NSA017	$ 0.05	1,125,566	$ 56,278	$ 0.96	1,617,750	$ 1,551,267	$ 9.59	-	$ -	$ -	366	$ -	$ 1,607,545
NSA018	$ 0.05	7,680	$ 384	$ 0.34	76,200	$ 25,726	$ 7.15	606	$ 4,335.54	$ -	366	$ -	$ 30,446
NSA019	$ -	11,318,240	$ -	$ 0.37	16,470,000	$ 6,017,190	$ 3.10	-	$ -	$ -	366	$ -	$ 6,017,190
NSA020	$ -	-	$ -	$ -	3,602,355	$ -	$ -	-	$ -	$ -	-	$ -	$ -
NSA021	$ 0.05	98,870	$ 4,944	$ 0.68	183,000	$ 124,841	$ 6.82	-	$ -	$ -	366	$ -	$ 129,785
NSA022	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
NSA023	$ 0.05	60,636	$ 3,032	$ 0.68	122,610	$ 83,644	$ 6.82	17	$ 118.24	$ -	366	$ -	$ 86,794
NSA024	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
NSA025	$ 0.05	162,393	$ 8,120	$ 0.91	710,040	$ 647,790	$ 9.12	-	$ -	$ -	366	$ -	$ 655,910
NSA026	$ 0.40	183,783	$ 73,513	$ -	640,500	$ -	$ 9.59	-	$ -	$ 623	366	$ 228,144	$ 301,658
NSA027	$ -	4,021,993	$ -	$ -	18,300,000	$ -	$ 0.94	-	$ -	$ 4,718	366	$ 1,726,957	$ 1,726,957
NSA028	$ -	25,073	$ -	$ -	270,000	$ -	$ 1.14	-	$ -	$ 5,147	6	$ 30,884	$ 30,884
NSA029	$ -	-	$ -	$ -	360,000	$ -	$ 0.86	-	$ -	$ -	6	$ -	$ -
NSA030	$ 0.05	308,434	$ 15,422	$ 0.31	614,880	$ 190,360	$ 6.66	-	$ -	$ -	366	$ -	$ 205,782
NSA031	$ -	14,552,051	$ -	$ -	23,424,000	$ -	$ 0.97	-	$ -	$ 6,220	366	$ 2,276,443	$ 2,276,443
NSA032	$ 0.05	209,249	$ 10,462	$ 0.66	402,600	$ 265,826	$ 6.60	-	$ -	$ -	366	$ -	$ 276,289
NSA033	$ 0.05	28,316	$ 1,416	$ 0.48	54,900	$ 26,322	$ 6.66	-	$ -	$ -	366	$ -	$ 27,738
NSA034	$ -	-	$ -	$ -	-	$ -	$ 0.30	-	$ -	$ 5,147	-	$ -	$ -
NSA035	$ -	-	$ -	$ -	-	$ -	$ 0.30	-	$ -	$ -	-	$ -	$ -
NSA036	$ -	4,765,165	$ -	$ 0.39	12,078,000	$ 4,743,510	$ 3.93	-	$ -	$ -	366	$ -	$ 4,743,510
TSA001	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
TSA002	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
TSA003	$ 0.01	4,421,989	$ 35,243	$ 0.10	9,333,000	$ 915,382	$ 0.49	-	$ -	$ -	366	$ -	$ 950,625
EXP001	$ 0.96	-	$ -	$ 0.91	-	$ -	$ 9.12	-	$ -	$ -	-	$ -	$ -
EXP002	$ 0.96	-	$ -	$ 0.86	-	$ -	$ 8.63	-	$ -	$ -	-	$ -	$ -
EXP003	$ 0.96	-	$ -	$ 0.68	-	$ -	$ 6.82	-	$ -	$ -	-	$ -	$ -
EXP004	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
EXP005	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
EXP006	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -

Appendix 8: Transmission non-standard other charges from 1 October 2013

	$P_{i,2014}Q_{i,2012}$
Sum	**$ 51,991**

Contract	Throughput			Capacity			Overruns			Fixed charge			Total
	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	$P_{i,2014}$	$Q_{i,2012}$	$P_{i,2014}Q_{i,2012}$	
RTL001	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 4.93	366	$ 1,805	$ 1,805
RTL002	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 2.47	366	$ 902	$ 902
RTL003	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 3.33	366	$ 1,218	$ 1,218
RTL004	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 51.60	366	$ 18,886	$ 18,886
RTL005	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 49.73	366	$ 18,200	$ 18,200
NSG001	$ -	95,371	$ -	$ -	-	$ -	$ 2.03	-	$ -	$ 30.00	366	$ 10,980	$ 10,980

Appendix 9: Summary of $Pi_{,2013}Qi_{,2011}$ for the 2014 assessment period

	$P_{i,2013}Q_{i,2011}$
Sum	**$ 122,702,894**

	$P_{i,2013}Q_{i,2011}$
Transmission published charges between 1 October 2012 to 30 September 2013	$ 72,753,113
Zonal overrun published charges between 1 October 2012 to 30 September 2013	$ 983,376
Transmission interconnection agreements charges between 1 October 2012 to 30 September 2013	$ 335,750
Transmission intra pipe charges charges between 1 October 2012 to 30 September 2013	$ 4,745,398
Transmission interruptable non-standard charges between 1 October 2012 to 30 September 2013	$ 4,193,488
Transmission non-standard charges between 1 October 2012 to 30 September 2013	$ 39,639,901
Transmission non-standard other charges between 1 October 2012 to 30 September 2013	$ 51,867

Appendix 10: Transmission published charges from 1 October 2012

	$P_{i,2013}Q_{i,2011}$
Sum	**$ 72,753,113**

Delivery Point	Throughput			Capacity			Overruns			Total
	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2013}$	
VTC001	$ -	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC002	$0.26	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC003	$ -	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC004	$0.26	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC005	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC006	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC007	$0.26	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC008	$0.96	-	$ -	$0.35	-	$ -	$ 3.45	-	$ -	$ -
VTC009	$ -	5,515,090	$ -	$0.24	8,462,841	$2,040,357	$ -	-	$ -	$ 2,040,357
VTC010	$0.26	3,552,836	$ 923,737	$0.24	-	$ -	$ -	-	$ -	$ 923,737
VTC011	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC012	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC013	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC014	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC015	$0.96	54,107	$ 51,726	$0.27	136,243	$ 36,580	$ 2.68	952	$ 2,555	$ 90,862
VTC016	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC017	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC018	$ -	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC019	$0.26	4,095	$ 1,065	$0.24	-	$ -	$ -	-	$ -	$ 1,065
VTC020	$0.96	-	$ -	$0.35	-	$ -	$ 3.45	-	$ -	$ -
VTC021	$ -	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC022	$0.26	384,079	$ 99,861	$0.24	-	$ -	$ -	-	$ -	$ 99,861
VTC023	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC024	$ -	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC025	$0.26	3,021,233	$ 785,521	$0.24	-	$ -	$ -	-	$ -	$ 785,521
VTC026	$0.96	22,936	$ 21,926	$0.35	87,642	$ 30,255	$ 3.45	-	$ -	$ 52,181
VTC027	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC028	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC029	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC030	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC031	$0.96	138,753	$ 132,648	$0.97	251,772	$ 244,874	$ 9.73	156	$ 1,513	$ 379,034
VTC032	$0.96	24,416	$ 23,342	$1.64	59,557	$ 97,902	$16.44	71	$ 1,173	$ 122,417
VTC033	$0.96	1,280	$ 1,223	$1.64	3,754	$ 6,170	$16.44	17	$ 272	$ 7,666
VTC034	$0.96	736,687	$ 704,273	$0.19	1,305,322	$ 243,183	$ -	-	$ -	$ 947,455
VTC035	$0.96	68,011	$ 65,018	$0.32	143,430	$ 46,369	$ 3.23	352	$ 1,139	$ 112,527
VTC036	$0.96	74,061	$ 70,802	$0.19	154,759	$ 28,832	$ -	-	$ -	$ 99,634
VTC037	$0.96	8,222	$ 7,860	$1.01	22,612	$ 22,735	$ -	-	$ -	$ 30,595
VTC038	$0.96	1,380,001	$ 1,319,281	$1.05	2,499,779	$2,616,207	$ -	-	$ -	$ 3,935,488
VTC039	$0.96	59,388	$ 56,775	$1.22	113,659	$ 138,259	$12.16	141	$ 1,720	$ 196,755
VTC040	$0.96	168,466	$ 161,053	$1.01	343,640	$ 345,523	$ -	-	$ -	$ 506,576
VTC041	$0.96	150	$ 143	$1.01	438	$ 440	$ -	-	$ -	$ 583
VTC042	$0.96	30,022	$ 28,701	$0.91	74,659	$ 68,114	$ 9.12	221	$ 2,016	$ 98,831
VTC043	$0.96	307,787	$ 294,244	$1.05	599,432	$ 627,351	$ -	-	$ -	$ 921,595
VTC044	$0.96	653,161	$ 624,422	$1.64	1,148,420	$1,887,814	$ -	-	$ -	$ 2,512,236
VTC045	$0.96	209,866	$ 200,632	$1.64	295,650	$ 486,000	$ -	-	$ -	$ 686,632
VTC046	$0.96	327,973	$ 313,542	$0.20	696,524	$ 141,213	$ -	-	$ -	$ 454,756
VTC047	$0.96	88,802	$ 84,895	$0.20	239,805	$ 48,618	$ -	-	$ -	$ 133,513
VTC048	$0.96	3,540	$ 3,384	$1.01	1,095	$ 1,101	$ -	-	$ -	$ 4,485
VTC049	$0.96	17,893	$ 17,106	$1.64	31,705	$ 52,118	$16.44	21	$ 343	$ 69,567
VTC050	$0.96	56,214	$ 53,741	$1.58	87,501	$ 138,324	$15.81	186	$ 2,948	$ 195,012
VTC051	$0.96	686	$ 656	$1.64	1,460	$ 2,400	$16.44	6	$ 102	$ 3,157
VTC052	$0.96	28,659	$ 27,398	$1.64	76,227	$ 125,304	$16.44	422	$ 6,942	$ 159,644
VTC053	$0.96	266,676	$ 254,942	$0.82	435,120	$ 358,825	$ 8.25	8,962	$ 73,908	$ 687,675
VTC054	$0.96	213,308	$ 203,922	$1.01	417,941	$ 420,231	$ -	-	$ -	$ 624,153
VTC055	$0.96	28,468	$ 27,215	$0.34	69,256	$ 23,338	$ -	-	$ -	$ 50,554
VTC056	$0.96	17,704	$ 16,925	$1.64	26,940	$ 44,285	$16.44	8	$ 124	$ 61,334
VTC057	$0.96	14,673	$ 14,028	$1.64	40,150	$ 66,000	$16.44	234	$ 3,839	$ 83,866
VTC058	$0.96	58,877	$ 56,286	$1.55	104,501	$ 161,763	$15.48	434	$ 6,716	$ 224,764
VTC059	$0.96	401	$ 384	$1.64	566	$ 930	$16.44	46	$ 752	$ 2,066
VTC060	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC061	$0.96	56,316	$ 53,838	$0.34	99,996	$ 33,697	$ -	-	$ -	$ 87,535
VTC062	$0.96	6,183	$ 5,911	$1.01	1,095	$ 1,101	$ -	-	$ -	$ 7,012
VTC063	$0.96	18,906	$ 18,074	$1.05	36,683	$ 38,391	$ -	-	$ -	$ 56,465
VTC064	$0.96	399,647	$ 382,062	$1.58	524,972	$ 827,010	$15.75	201	$ 3,167	$ 1,212,239
VTC065	$0.96	802,078	$ 766,786	$0.66	1,454,961	$ 960,673	$ 6.60	3,930	$ 25,949	$ 1,753,408
VTC066	$0.96	136,194	$ 130,202	$1.05	226,370	$ 236,913	$ -	-	$ -	$ 367,114
VTC067	$0.96	20,297	$ 19,404	$0.66	49,197	$ 32,618	$ 6.63	49	$ 324	$ 52,346
VTC068	$0.96	730	$ 698	$1.05	1,825	$ 1,910	$ -	-	$ -	$ 2,608
VTC069	$0.96	114,417	$ 109,383	$1.47	222,285	$ 325,815	$14.66	26	$ 376	$ 435,574
VTC070	$0.96	1,968,925	$ 1,882,292	$1.05	3,172,978	$3,320,759	$ -	-	$ -	$ 5,203,051
VTC071	$0.96	450,818	$ 430,982	$1.05	608,110	$ 636,433	$ -	-	$ -	$ 1,067,415
VTC072	$0.96	678	$ 648	$1.05	1,716	$ 1,795	$ -	-	$ -	$ 2,443
VTC073	$0.96	51,352	$ 49,093	$1.05	84,500	$ 88,436	$ -	-	$ -	$ 137,528
VTC074	$0.96	22,649	$ 21,653	$0.57	37,430	$ 21,227	$ 5.67	77	$ 437	$ 43,317
VTC075	$0.96	914,802	$ 874,550	$0.39	1,557,783	$ 614,578	$ 3.95	5,678	$ 22,400	$ 1,511,528
VTC076	$0.96	56	$ 54	$1.64	4,380	$ 7,200	$16.44	3	$ 41	$ 7,295
VTC077	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC078	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC079	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC080	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -

Delivery Point	Throughput			Capacity			Overruns			Total
	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	
VTC081	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC082	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC083	$0.96	2,951	$ 2,821	$1.64	9,928	$ 16,320	$16.44	7	$ 121	$ 19,261
VTC084	$ -	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC085	$0.26	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC086	$0.96	-	$ -	$0.35	-	$ -	$ 3.45	-	$ -	$ -
VTC087	$ -	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC088	$0.26	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC089	$0.96	5,800	$ 5,545	$1.43	12,255	$ 17,560	$14.33	32	$ 454	$ 23,559
VTC090	$0.96	1,630	$ 1,558	$1.64	4,536	$ 7,457	$16.44	36	$ 596	$ 9,610
VTC091	$0.96	7,904	$ 7,556	$1.41	15,225	$ 21,398	$14.05	193	$ 2,714	$ 31,668
VTC092	$0.96	9,655	$ 9,230	$0.82	22,630	$ 18,538	$ 8.19	104	$ 852	$ 28,620
VTC093	$0.96	1,409	$ 1,347	$1.64	3,066	$ 5,040	$16.44	77	$ 1,271	$ 7,659
VTC094	$0.96	372,088	$ 355,716	$0.33	715,642	$ 239,201	$ 3.34	2,040	$ 6,817	$ 601,735
VTC095	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC096	$0.96	368	$ 352	$1.07	1,442	$ 1,540	$ -	-	$ -	$ 1,893
VTC097	$0.96	376,980	$ 360,393	$1.07	520,969	$ 556,652	$ -	-	$ -	$ 917,045
VTC098	$0.96	270,002	$ 258,122	$1.64	487,593	$ 801,523	$16.44	2,049	$ 33,678	$ 1,093,323
VTC099	$0.96	487,761	$ 466,299	$1.62	809,126	$1,307,902	$ -	-	$ -	$ 1,774,202
VTC100	$0.96	258,962	$ 247,567	$1.62	450,088	$ 727,539	$ -	-	$ -	$ 975,106
VTC101	$0.96	9,717	$ 9,289	$0.99	23,362	$ 23,234	$ -	-	$ -	$ 32,524
VTC102	$0.96	62,638	$ 59,882	$0.99	98,150	$ 97,612	$ -	-	$ -	$ 157,494
VTC103	$0.96	501,776	$ 479,698	$0.99	631,747	$ 628,286	$ -	-	$ -	$ 1,107,984
VTC104	$0.96	57,349	$ 54,825	$0.33	132,317	$ 44,226	$ 3.34	3,879	$ 12,967	$ 112,018
VTC105	$0.96	15,816	$ 15,120	$0.34	38,625	$ 13,122	$ -	-	$ -	$ 28,242
VTC106	$0.96	2,641,095	$ 2,524,887	$0.34	4,127,850	$1,402,338	$ -	-	$ -	$ 3,927,225
VTC107	$0.96	371,084	$ 354,756	$0.49	520,024	$ 253,601	$ 4.88	3,130	$ 15,266	$ 623,623
VTC108	$0.96	647	$ 619	$1.64	1,132	$ 1,860	$16.44	9	$ 156	$ 2,635
VTC109	$0.96	6,401	$ 6,119	$1.64	16,735	$ 27,510	$16.44	384	$ 6,311	$ 39,940
VTC110	$0.96	78,315	$ 74,869	$0.67	134,139	$ 89,304	$ 6.66	6,550	$ 43,610	$ 207,782
VTC111	$0.96	-	$ -	$1.64	-	$ -	$16.44	-	$ -	$ -
VTC112	$0.96	496,238	$ 474,403	$0.77	703,501	$ 539,672	$ 7.67	1,117	$ 8,569	$ 1,022,645
VTC113	$0.96	388,571	$ 371,474	$1.11	636,981	$ 705,042	$11.07	2,444	$ 27,047	$ 1,103,563
VTC114	$0.96	120,959	$ 115,637	$1.62	235,355	$ 380,437	$16.16	715	$ 11,557	$ 507,631
VTC115	$0.96	21,532	$ 20,585	$1.62	37,571	$ 60,731	$ -	-	$ -	$ 81,316
VTC116	$0.96	2,708	$ 2,589	$1.54	5,553	$ 8,565	$15.42	20	$ 312	$ 11,466
VTC117	$0.96	3,712	$ 3,548	$0.52	8,019	$ 4,196	$ -	-	$ -	$ 7,744
VTC118	$0.96	169,943	$ 162,465	$0.52	387,978	$ 203,024	$ -	-	$ -	$ 365,490
VTC119	$0.96	70,938	$ 67,817	$0.52	134,126	$ 69,819	$ 5.21	2,217	$ 11,538	$ 149,174
VTC120	$0.96	23,708	$ 22,665	$0.51	43,490	$ 22,162	$ 5.10	2	$ 11	$ 44,838
VTC121	$0.96	60,270	$ 57,618	$1.55	95,302	$ 147,783	$15.51	3,320	$ 51,476	$ 256,877
VTC122	$0.96	368	$ 352	$1.64	790	$ 1,299	$16.44	53	$ 869	$ 2,520
VTC123	$0.96	12	$ 11	$0.63	561	$ 353	$ 6.30	-	$ -	$ 365
VTC124	$0.96	7,507	$ 7,177	$0.23	36,500	$ 8,500	$ -	-	$ -	$ 15,677
VTC125	$0.96	24,688	$ 23,601	$0.41	162,067	$ 67,047	$ -	-	$ -	$ 90,648
VTC126	$0.96	189,193	$ 180,868	$0.41	331,311	$ 137,063	$ -	-	$ -	$ 317,931
VTC127	$0.96	453,424	$ 433,473	$0.23	666,125	$ 155,125	$ -	-	$ -	$ 588,598
VTC128	$0.96	2,025,088	$ 1,935,984	$0.36	2,737,500	$ 997,501	$ 3.64	5,306	$ 19,333	$ 2,952,818
VTC129	$0.96	11,482,129	$10,976,915	$0.23	18,955,566	$4,414,315	$ -	-	$ -	$ 15,391,231
VTC130	$0.96	363,042	$ 347,068	$0.41	699,340	$ 289,316	$ -	-	$ -	$ 636,385
VTC131	$0.96	78,285	$ 74,840	$0.23	260,829	$ 60,741	$ -	-	$ -	$ 135,581
VTC132	$0.96	78,532	$ 75,077	$0.23	139,795	$ 32,555	$ -	-	$ -	$ 107,632
VTC133	$0.96	49,500	$ 47,322	$0.23	547,500	$ 127,500	$ -	-	$ -	$ 174,822
VTC134	$0.96	-	$ -	$1.64	-	$ -	$16.44	-	$ -	$ -
VTC135	$0.96	772	$ 738	$0.41	1,314	$ 544	$ -	-	$ -	$ 1,282
VTC136	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC137	$0.96	-	$ -	$1.64	-	$ -	$16.38	-	$ -	$ -
VTC138	$0.96	-	$ -	$1.64	-	$ -	$16.44	-	$ -	$ -
VTC139	$0.96	17	$ 16	$1.64	44	$ 72	$16.44	-	$ -	$ 88
VTC140	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC141	$0.96	39,085	$ 37,365	$0.41	82,832	$ 34,268	$ -	-	$ -	$ 71,633
VTC142	$0.96	20,058	$ 19,175	$0.41	38,325	$ 15,855	$ -	-	$ -	$ 35,030
VTC143	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC144	$0.96	142,053	$ 135,802	$0.41	286,890	$ 118,686	$ -	-	$ -	$ 254,488
VTC145	$0.96	109,092	$ 104,292	$0.23	138,883	$ 32,343	$ -	-	$ -	$ 136,634
VTC146	$0.96	30,660	$ 29,311	$1.64	67,772	$ 111,406	$16.44	393	$ 6,468	$ 147,186
VTC147	$0.96	1,034	$ 988	$1.64	3,588	$ 5,898	$16.44	19	$ 310	$ 7,196
VTC148	$0.96	122,353	$ 116,969	$1.64	209,711	$ 344,731	$16.44	1,086	$ 17,858	$ 479,559
VTC149	$0.96	1,336,207	$ 1,277,414	$0.13	3,103,040	$ 399,569	$ 1.29	5,005	$ 6,445	$ 1,683,429
VTC150	$0.96	-	$ -	$0.35	-	$ -	$ 3.45	-	$ -	$ -
VTC151	$ -	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC152	$0.26	-	$ -	$0.24	-	$ -	$ -	-	$ -	$ -
VTC153	$0.96	471,522	$ 450,775	$1.48	783,614	$1,161,466	$14.82	9,106	$ 134,962	$ 1,747,203
VTC154	$0.96	13,823	$ 13,215	$0.76	29,565	$ 22,518	$ 7.62	290	$ 2,213	$ 37,945
VTC155	$0.96	317,089	$ 303,137	$1.03	346,750	$ 356,250	$ -	-	$ -	$ 659,387
VTC156	$0.96	7,757	$ 7,416	$1.03	21,779	$ 22,375	$ -	-	$ -	$ 29,791
VTC157	$0.96	562	$ 537	$1.64	1,533	$ 2,520	$16.44	29	$ 482	$ 3,539
VTC158	$0.96	41,799	$ 39,960	$0.90	98,547	$ 88,828	$ -	-	$ -	$ 128,788
VTC159	$0.96	333,523	$ 318,848	$0.90	652,030	$ 587,721	$ -	-	$ -	$ 906,568
VTC160	$0.96	261,305	$ 249,808	$1.24	338,736	$ 420,404	$12.41	2,401	$ 29,794	$ 700,005
VTC161	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
VTC162	$0.96	83,910	$ 80,218	$1.64	288,774	$ 474,697	$16.44	677	$ 11,134	$ 566,049
VTC163	$0.96	25,193	$ 24,085	$0.87	58,899	$ 51,153	$ 8.68	243	$ 2,108	$ 77,346
VTC164	$0.96	38,074	$ 36,398	$1.12	81,404	$ 91,440	$11.23	979	$ 10,999	$ 138,837

Appendix 11: Zonal overrun published charges from 1 October 2012

	$P_{i,2013}Q_{i,2011}$
Sum	**$ 983,376**

Delivery Point	Throughput			Capacity			Overruns			Total
	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	
Auckland Zone	$ -	-	$ -	$ -	-	$ -	$ 2.33	24,748	$ 57,633	$ 57,633
Edgecumbe Zone	$ -	-	$ -	$ -	-	$ -	$ 10.68	1,822	$ 19,467	$ 19,467
Hastings Zone	$ -	-	$ -	$ -	-	$ -	$ 16.44	1,813	$ 29,807	$ 29,807
Hawera Zone	$ -	-	$ -	$ -	-	$ -	$ 2.03	11,995	$ 24,318	$ 24,318
Kawerau Zone	$ -	-	$ -	$ -	-	$ -	$ 9.95	2,382	$ 23,691	$ 23,691
Kinleith Zone	$ -	-	$ -	$ -	-	$ -	$ 3.40	44,279	$ 150,428	$ 150,428
Kiwitahi Zone	$ -	-	$ -	$ -	-	$ -	$ 10.27	1,159	$ 11,905	$ 11,905
Manawatu Zone	$ -	-	$ -	$ -	-	$ -	$ 10.05	9,035	$ 90,844	$ 90,844
Morrinvsille Zone	$ -	-	$ -	$ -	-	$ -	$ 9.01	185	$ 1,669	$ 1,669
New Plymouth Zone	$ -	-	$ -	$ -	-	$ -	$ 1.86	3,492	$ 6,506	$ 6,506
Okaiawa-Manaia Zone	$ -	-	$ -	$ -	-	$ -	$ 3.37	122	$ 412	$ 412
South Auckland Rural Zone	$ -	-	$ -	$ -	-	$ -	$ 4.14	511	$ 2,116	$ 2,116
Tirau Zone	$ -	-	$ -	$ -	-	$ -	$ 5.23	4,796	$ 25,098	$ 25,098
Wellington Zone	$ -	-	$ -	$ -	-	$ -	$ 10.47	48,589	$ 508,516	$ 508,516
Western Bay Of Plenty Zone	$ -	-	$ -	$ -	-	$ -	$ 16.16	1,916	$ 30,967	$ 30,967

Appendix 12: Transmission interconnection agreements charges from 1 October 2012

	$P_{i,2013}Q_{i,2011}$
Sum	**$ 335,750**

Delivery	Throughput			Capacity			Fixed charge			Total
	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	
ICA001	$ -	-	$ -	$ -	-	$ -	$ 22	-	$ -	$ -
ICA002	$ -	-	$ -	$ -	-	$ -	$ 571	365	$ 208,278	$ 208,278
ICA003	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -
ICA004	$ -	-	$ -	$ -	-	$ -	$ 56	365	$ 20,574	$ 20,574
ICA005	$ -	-	$ -	$ -	-	$ -	$ 35	365	$ 12,804	$ 12,804
ICA006	$ -	-	$ -	$ -	-	$ -	$ 55	365	$ 20,000	$ 20,000
ICA007	$ -	-	$ -	$ -	-	$ -	$ 52	365	$ 18,871	$ 18,871
ICA008	$ -	-	$ -	$ -	-	$ -	$ 35	257	$ 9,015	$ 9,015
ICA009	$ -	-	$ -	$ -	-	$ -	$ 36	365	$ 13,178	$ 13,178
ICA010	$ -	-	$ -	$ -	-	$ -	$ 21	9	$ 190	$ 190
ICA011	$ -	-	$ -	$ -	-	$ -	$ 69	290	$ 20,037	$ 20,037
ICA012	$ -	-	$ -	$ -	-	$ -	$ 35	365	$ 12,804	$ 12,804

Appendix 13: Transmission interruptible shipper charges from 1 October 2012

	$P_{i,2013}Q_{i,2011}$
Sum	**$ 4,745,398**

Delivery	Throughput			Capacity			Overruns			Fixed charge			Total
	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	
ISC001	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	0	$ -	$ -
ISC002	$ 0.50	542,995	$ 271,498	$ -	542,995	$ -	$ -	-	$ -	$ -	348	$ -	$ 271,498
ISC003	$ -	12,500,459	$ -	$ -	13,870,000	$ -	$ 0.52	-	$ -	$6,022	365	$ 2,198,097	$ 2,198,097
ISC004	$ 0.22	1,831,877	$ 403,013	$ -	10,012,000	$ -	$ 2.20	-	$ -	$ -	348	$ -	$ 403,013
ISC005	$ -	3,435,449	$ -	$ -	7,300,000	$ -	$ 0.52	46,153	$ 23,999.70	$ 1.0	365	$ 365.0	$ 24,365
ISC006	$ 0.50	3,696,853	$1,848,427	$ -	3,696,853	$ -	$ -	-	$ -	$ -	0	$ -	$ 1,848,427
ISC007	$ 0.26	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	365	$ -	$ -
ISC015	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	365	$ -	$ -

Appendix 14: Transmission interruptible non-standard charges from 1 October 2012

	$P_{i,2013}Q_{i,2011}$
Sum	**$ 4,193,488**

Delivery Point	Throughput			Capacity			Overruns			Fixed charge			Total
	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	
IUC001	$0.62	-	$ -	$0.55	-	$ -	$15.51	-	$ -	$ -	92	$ -	$ -
IUC002	$ -	2,504,366	$ -	$1.23	2,751,664	$3,389,500	$12.32	21,153	$ 260,561	$ -	365	$ -	$ 3,650,061
IUC003	$ -	786,550	$ -	$0.69	786,550	$ 543,427	$ 2.24	-	$ -	$ -	265	$ -	$ 543,427

Appendix 15: Transmission non-standard charges from 1 October 2012

	$P_{i,2013}Q_{i,2011}$
Sum	**$ 39,639,901**

Contract	Throughput			Capacity			Overruns			Fixed charge			Total
	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	
NSA001	$ 0.53	4,628	$ 2,430	$ -	24,800	$ -	$ 7.62	-	$ -	$ 355.53	31	$ 11,021	$ 13,451
NSA002	$ 0.96	78,904	$ 75,433	$ 0.76	267,200	$ 203,511	$ 7.62	-	$ -	$ -	334	$ -	$ 278,944
NSA003	$ 0.63	6,578	$ 4,148	$ -	15,500	$ -	$ 16.44	-	$ -	$ 725.06	31	$ 22,477	$ 26,625
NSA004	$ 0.96	69,691	$ 66,624	$ 1.64	167,000	$ 274,521	$ 16.44	-	$ -	$ -	334	$ -	$ 341,145
NSA005	$ 0.39	263,852	$ 102,797	$ 0.14	602,250	$ 86,062	$ 2.33	-	$ -	$ 6.49	365	$ 2,370	$ 191,228
NSA006	$ -	6,211,464	$ -	$ 0.21	8,212,500	$ 1,732,500	$ 2.11	1,507	$ 3,179.93	$ -	365	$ -	$ 1,735,680
NSA007	$ 2.09	6,673	$ 13,976	$ -	73,000	$ -	$ 16.16	-	$ -	$ 33.96	365	$ 12,395	$ 26,371
NSA008A	$ 0.96	2,970	$ 2,839	$ 1.64	46,500	$ 76,438	$ 16.44	-	$ -	$ -	31	$ -	$ 79,277
NSA008B	$ 2.67	102,792	$ 273,962	$ -	501,000	$ -	$ 16.44	-	$ -	$ 466.40	334	$ 155,778	$ 429,740
NSA009	$ 3.18	3,281	$ 10,439	$ -	43,800	$ -	$ 16.22	103	$ 1,670.74	$ 42.35	365	$ 15,458	$ 27,567
NSA010	$ 0.62	652,264	$ 402,121	$ -	821,250	$ -	$ 15.51	9	$ 137.75	$ 1,233.06	365	$ 450,067	$ 852,325
NSA011	$ 2.72	113,763	$ 309,072	$ 0.29	292,000	$ 85,943	$ 16.44	-	$ -	$ -	365	$ -	$ 395,015
NSA012	$ 1.39	46,514	$ 64,515	$ -	350,400	$ -	$ 13.87	-	$ -	$ 208.05	365	$ 75,938	$ 140,453
NSA013	$ 2.43	509,713	$ 1,239,215	$ 0.55	1,002,500	$ 552,157	$ 16.44	-	$ -	$ -	365	$ -	$ 1,791,373
NSA014	$ 0.51	162,471	$ 83,378	$ -	262,800	$ -	$ 9.71	-	$ -	$ 693.50	365	$ 253,126	$ 336,505
NSA015	$ 2.43	40,557	$ 98,680	$ -	109,500	$ -	$ 16.44	335	$ 5,513.01	$ 145.98	365	$ 53,283	$ 157,475
NSA016	$ 2.72	147,907	$ 402,898	$ -	219,000	$ -	$ 13.18	269	$ 3,551.45	$ -	365	$ -	$ 406,450
NSA017A	$ 0.61	785,009	$ 475,182	$ 1.11	1,213,500	$ 1,344,339	$ 11.08	-	$ -	$ -	273	$ -	$ 1,819,521
NSA017B	$ 0.61	266,649	$ 163,402	$ 1.12	399,500	$ 448,035	$ 11.21	-	$ -	$ -	92	$ -	$ 611,438
NSA018	$ 1.87	8,710	$ 16,294	$ -	292,000	$ -	$ 3.34	-	$ -	$ -	365	$ -	$ 16,294
NSA019	$ -	14,078,492	$ -	$ 0.64	18,250,000	$ 11,600,000	$ 2.24	-	$ -	$ -	365	$ -	$ 11,600,000
NSA020	$ -	-	$ -	$ -	2,880,575	$ -	$ -	-	$ -	$ -	365	$ -	$ -
NSA021	$ 0.69	103,109	$ 70,887	$ -	182,500	$ -	$ 6.60	-	$ -	$ 264.00	365	$ 96,360	$ 167,247
NSA022	$ 3.09	106,777	$ 330,058	$ -	1,095,000	$ -	$ 16.44	-	$ -	$ -	365	$ -	$ 330,058
NSA023	$ 1.49	61,467	$ 91,728	$ -	122,275	$ -	$ 16.44	-	$ -	$ 298.44	334	$ 99,679	$ 191,407
NSA024	$ 1.34	2,357	$ 3,165	$ -	73,000	$ -	$ 13.43	58	$ 778.84	$ -	184	$ -	$ 3,944
NSA025	$ 0.96	100,012	$ 95,611	$ 0.99	415,160	$ 412,885	$ 9.95	-	$ -	$ -	214	$ -	$ 508,496
NSA026	$ 1.37	168,176	$ 230,919	$ -	638,750	$ -	$ 16.39	-	$ -	$ 617.89	365	$ 225,529	$ 456,448
NSA027	$ -	1,324,876	$ -	$ -	12,850,000	$ -	$ 0.94	-	$ -	$ 4,677.14	257	$ 1,202,025	$ 1,202,025
NSA028	$ -	5,906,217	$ -	$ -	6,964,299	$ -	$ 1.13	4,635	$ 5,255.40	$ 5,102.34	365	$ 1,862,353	$ 1,867,608
NSA029	$ -	51,514	$ -	$ -	14,160,000	$ -	$ 0.86	-	$ -	$ -	236	$ -	$ -
NSA030	$ 0.30	299,090	$ 89,637	$ -	510,720	$ -	$ 3.00	147	$ 440.82	$ 373.11	304	$ 113,425	$ 203,504
NSA031	$ -	10,507,593	$ -	$ -	23,360,000	$ -	$ 0.96	-	$ -	$ 6,165.32	365	$ 2,250,343	$ 2,250,343
NSA032	$ 0.54	233,900	$ 126,053	$ 0.89	401,500	$ 355,686	$ 8.86	64	$ 568.44	$ -	365	$ -	$ 482,307
NSA033	$ 1.12	26,225	$ 29,498	$ -	54,750	$ -	$ 16.44	14	$ 226.39	$ -	365	$ -	$ 29,725
TSA001	$ 0.21	1,315,508	$ 278,446	$ 0.44	6,879,600	$ 3,007,639	$ 15.06	-	$ -	$ -	182	$ -	$ 3,286,084
TSA002	$ 0.21	2,403,282	$ 508,688	$ 0.44	6,917,400	$ 3,024,164	$ 15.06	-	$ -	$ -	183	$ -	$ 3,532,853
TSA003	$ 0.01	4,549,762	$ 36,298	$ 0.10	9,307,500	$ 913,754	$ 0.49	-	$ -	$ -	365	$ -	$ 950,052
EXP001	$ 0.96	749,430	$ 716,455	$ 1.07	1,289,925	$ 1,378,276	$ 10.68	-	$ -	$ -	273	$ -	$ 2,094,731
EXP002	$ 0.96	108,612	$ 103,833	$ 1.62	177,450	$ 286,837	$ 16.16	-	$ -	$ -	273	$ -	$ 390,670
EXP003	$ 0.96	120,840	$ 115,523	$ 1.64	182,500	$ 300,000	$ 16.44	-	$ -	$ -	365	$ -	$ 415,523
EXP004	$ -	-	$ -	$ -	124,100	$ -	$ -	-	$ -	$ -	365	$ -	$ -
EXP005	$ -	15,352	$ -	$ -	3,960,000	$ -	$ -	-	$ -	$ -	264	$ -	$ -
EXP006	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	42	$ -	$ -

Appendix 16: Transmission non-standard other charges from 1 October 2012

	$P_{i,2013}Q_{i,2011}$
Sum	**$ 51,867**

Contract	Throughput			Capacity			Overruns			Fixed charge			Total
	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	$P_{i,2013}$	$Q_{i,2011}$	$P_{i,2013}Q_{i,2011}$	
RTL001	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 4.93	365	$ 1,800	$ 1,800
RTL002	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 2.47	365	$ 900	$ 900
RTL003	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 3.33	365	$ 1,215	$ 1,215
RTL004	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 51.65	365	$ 18,852	$ 18,852
RTL005	$ -	-	$ -	$ -	-	$ -	$ -	-	$ -	$ 49.73	365	$ 18,150	$ 18,150
NSG001	$ -	176,674	$ -	$ -	1,277,500	$ -	$ -	-	$ -	$ 30.00	365	$ 10,950	$ 10,950

Appendix 17: Consumer price index

Consumers price index

Tradables, non-tradables and all groups – index numbers and percentage changes[1][2]

Base: June 2006 quarter (=1000)

		Tradables[3][4]			Non-tradables[5]			All groups[3]		
		Index	Percentage change		Index	Percentage change		Index	Percentage change	
			From previous quarter	From same quarter of previous year		From previous quarter	From same quarter of previous year		From previous quarter	From same quarter of previous year
Series ref: CPIQ		SE9NS6000			SE9NS6500			SE9A		
Quarter										
2006	Jun	1000	2.3	3.8	1000	1.0	4.1	1000	1.5	4.0
	Sep	1003	0.3	3.0	1010	1.0	4.0	1007	0.7	3.5
	Dec	990	-1.3	1.2	1018	0.8	3.8	1005	-0.2	2.6
2007	Mar	986	-0.4	0.9	1030	1.2	4.1	1010	0.5	2.5
	Jun	995	0.9	-0.5	1041	1.1	4.1	1020	1.0	2.0
	Sep	1000	0.5	-0.3	1047	0.6	3.7	1025	0.5	1.8
	Dec	1018	1.8	2.8	1054	0.7	3.5	1037	1.2	3.2
2008	Mar	1020	0.2	3.4	1066	1.1	3.5	1044	0.7	3.4
	Jun	1043	2.3	4.8	1076	0.9	3.4	1061	1.6	4.0
	Sep	1063	1.9	6.3	1090	1.3	4.1	1077	1.5	5.1
	Dec	1041	-2.1	2.3	1099	0.8	4.3	1072	-0.5	3.4
2009	Mar	1037	-0.4	1.7	1107	0.7	3.8	1075	0.3	3.0
	Jun	1045	0.8	0.2	1112	0.5	3.3	1081	0.6	1.9
	Sep	1062	1.6	-0.1	1123	1.0	3.0	1095	1.3	1.7
	Dec	1057	-0.5	1.5	1124	0.1	2.3	1093	-0.2	2.0
2010	Mar	1058	0.1	2.0	1130	0.5	2.1	1097	0.4	2.0
	Jun	1055	-0.3	1.0	1137	0.6	2.2	1099	0.2	1.7
	Sep	1065	0.9	0.3	1151	1.2	2.5	1111	1.1	1.5
	Dec	1092	2.5	3.3	1176	2.2	4.6	1137	2.3	4.0
2011	Mar	1097	0.5	3.7	1189	1.1	5.2	1146	0.8	4.5
	Jun	1113	1.5	5.5	1196	0.6	5.2	1157	1.0	5.3
	Sep	1114	0.1	4.6	1203	0.6	4.5	1162	0.4	4.6
	Dec	1104	-0.9	1.1	1205	0.2	2.5	1158	-0.3	1.8
2012	Mar	1100	-0.4	0.3	1219	1.2	2.5	1164	0.5	1.6
	Jun	1101	0.1	-1.1	1225	0.5	2.4	1168	0.3	1.0
	Sep	1101	0.0	-1.2	1231	0.5	2.3	1171	0.3	0.8
	Dec	1093	-0.7	-1.0	1235	0.3	2.5	1169	-0.2	0.9
2013	Mar	1088	-0.5	-1.1	1248	1.1	2.4	1174	0.4	0.9
	Jun	1083	-0.5	-1.6	1256	0.6	2.5	1176	0.2	0.7
	Sep	1096	1.2	-0.5	1265	0.7	2.8	1187	0.9	1.4
	Dec	1090	-0.5	-0.3	1271	0.5	2.9	1188	0.1	1.6
2014	Mar	1082	-0.7	-0.6	1285	1.1	3.0	1192	0.3	1.5
	Jun	1084	0.2	0.1	1290	0.4	2.7	1195	0.3	1.6

1. Percentage changes are calculated from index numbers that are not rounded until the June 2006 quarter.
2. Five decimal places are retained before the June 2006 quarter to preserve percentage changes that were originally published on earlier expression bases.
3. From the September 2006 quarter, prices for fresh fruit and vegetables are not seasonally adjusted. They were seasonally adjusted until the June 2006 quarter.
4. Tradables are goods and services that are imported or are in competition with foreign goods and services, either in domestic or foreign markets.
5. Non-tradables are goods and services that do not face foreign competition.

Source: Statistics New Zealand

$$\Delta CPI_{2014} = \frac{CPI_{Jun,2012} + CPI_{Sep,2012} + CPI_{Dec,2012} + CPI_{Mar,2013}}{CPI_{Jun,2011} + CPI_{Sep,2011} + CPI_{Dec,2011} + CPI_{Mar,2012}} - 1$$

$$\Delta CPI_{2014} = \frac{1168+1171+1169+1174}{1157+1162+1158+1164} - 1$$

$$\Delta CPI_{2014} = 0.0088$$

Appendix 18: Information on price restructures

4.1.1 The 2013 price restructure relates to changes in the contractual provisions for one non-standard consumer. The restructure resulted in a reduction in firm capacity and a corresponding increase in interruptible capacity.

4.1.2 The change in the type of capacity means that lagged 2011 quantities no longer reasonably relate to restructured 2013 prices. We have therefore estimated the lagged 2011 quantities including: firm capacity, throughput, and interruptible capacity.

4.1.3 Firm capacity in 2011 has been estimated based on the restructured firm 2013 capacity. This is a fixed and known amount.

4.1.4 Gas throughput has been determined based on the actual 2011 gas throughput.

4.1.5 Interruptible capacity (i.e. the capacity required above their firm capacity) is nominated by the consumer a day ahead. Interruptible nominations typically have a high correlation with throughput. We have therefore used the 2011 throughput to determine the 2011 interruptible capacity above the restructured firm capacity as illustrated in chart 2.

Chart 1: Relationship between actual firm and interruptible capacity in 2011 period

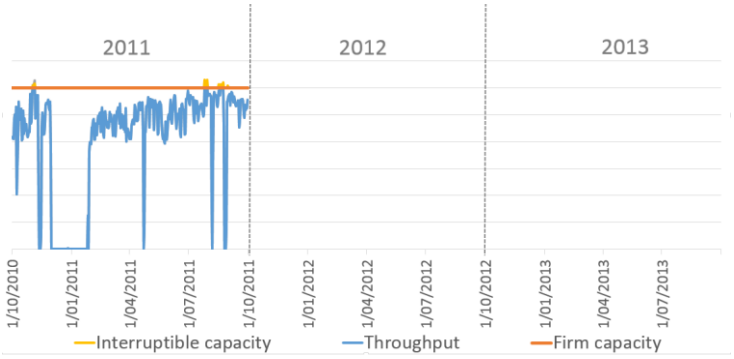
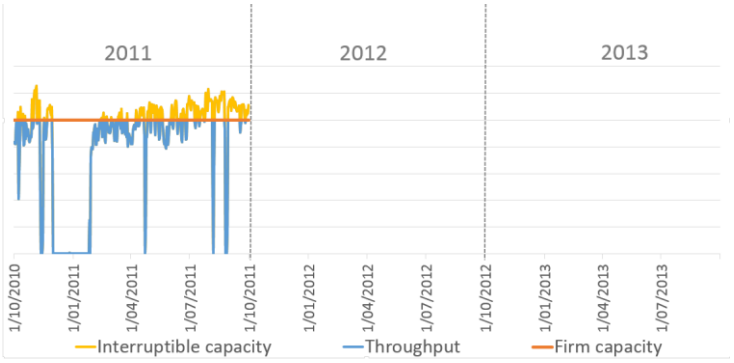


Chart 2: Estimated interruptible capacity in 2011 period as a result of reduced firm capacity



4.1.6 In Table 1 below we provide the quantity information corresponding to each restructured 2013 price. We have included the forecast 2013 quantity made at the time of restructuring prices, and the actual 2013 quantity.

Table 1: Quantities associated with price restructures 2013

Consumer	Contract Reference	Forecast 2013 Quantity	Actual 2013 Quantity
1	NSA019	T: 14,078,492 C: 18,250,000 O: 0 D: 365	T: 13,299,870 C: 18,250,000 O: D: 365
	IUC003	T: 786,550 C: 786,550 O: 0 D: 365	T: 1,426,379 C: 1,541,737 O: 52,933 D: 365

4.1.7 The quantities we forecast ex-ante at the time of restructuring prices differs from the ex-post actual quantities because Vector forecast 2013 quantities based on the historical quantity information available to us at the time prices were set in mid-2012. The best information we had available at that time was the quantities for the pricing year ending 2011. We assumed, in the absence of any better information, that quantities would remain constant between 2011 and 2013 for these consumers.

4.1.8 Invariably, consumption across the transmission system for the 2013 pricing year has varied from the 2011 consumption. It is not practicable to explain the causes of the various consumption behaviour changes as these result from individual decisions by each non-standard consumers.

4.1.9 The 2014 price restructure relates to changes in the contractual provisions for six non-standard consumers:

- four non-standard consumers changed from firm capacity to interruptible capacity; and
- two non-standard consumers changing from a fixed annual capacity to a stepped (profiled) capacity.

4.1.10 The shift in firm and interruptible capacity, and the change in capacity profile means that lagged 2012 quantities no longer reasonably relate to restructured 2014 prices. We have therefore estimated the lagged 2012 quantities.

Consumers changing from firm to interruptible capacity

4.1.11 As with the approach used for determining 2013 nominated interruptible capacity we have used 2012 throughput to determine the 2012 interruptible capacity above the restructured firm capacity. All four non-standard consumers have no firm capacity so interruptible capacity is equal to throughput. To illustrate the approach we have used real data showing:

- interruptible capacity (2014), Chart 3,
- actual consumption (2014) and interruptible nominations (2014), Chart 4
- the difference between firm (2012) and forecast interruptible capacity (2012), Chart 5.

Chart 3: Capacity in 2012 period and 2014 period

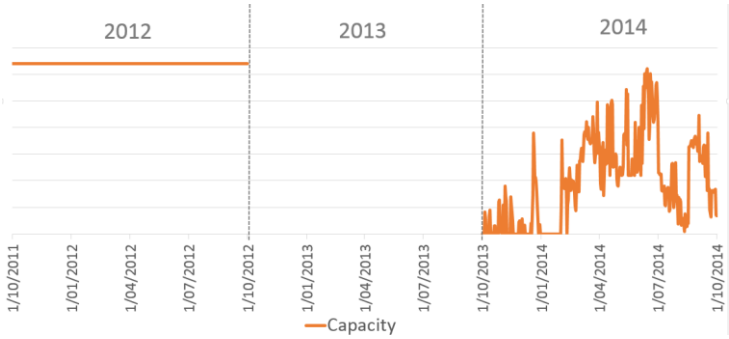


Chart 4: Booked capacity versus throughput in 2014 period

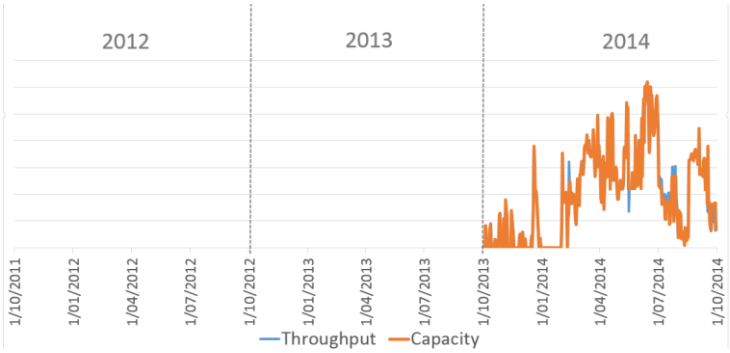
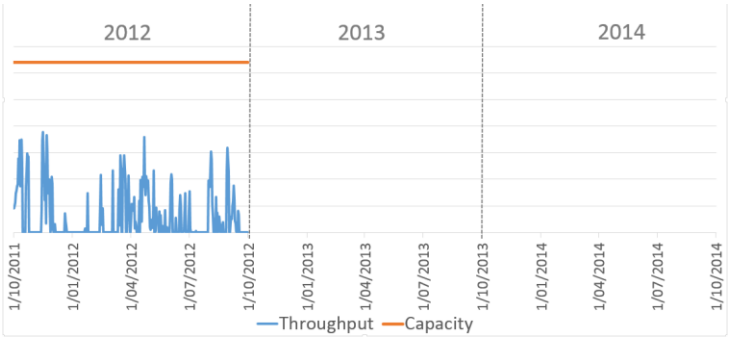


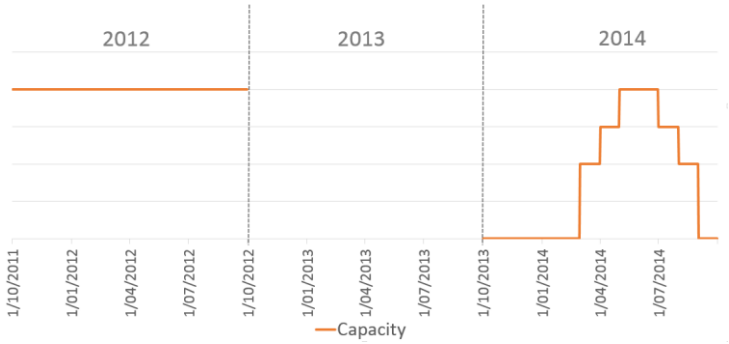
Chart 5: Booked capacity versus throughput in 2012 period



Consumers changing from a firm to a stepped capacity reservation profile

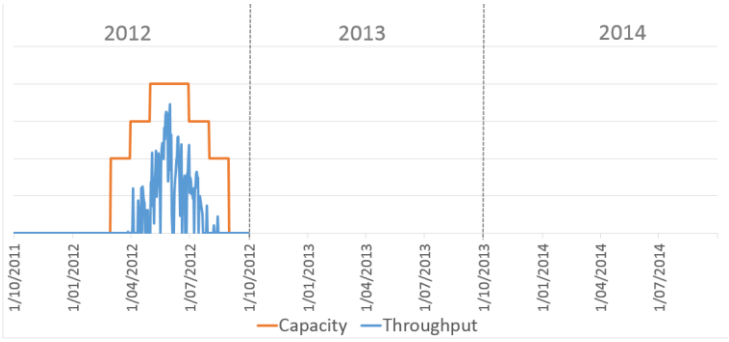
4.1.12 Stepped (profiled) capacity in 2012 has been estimated based on the restructured stepped (profiled) 2014 capacity. This is a fixed and known amount.

Chart 6: Booked capacity in 2012 period versus stepped capacity profile in 2014 period



4.1.13 Over-runs occur where capacity is used above contracted capacity (in the absence of any other contractual agreement, such as an interruptible agreement). We have estimated lagged 2012 over-runs where actual 2012 throughput exceeded the estimated 2012 stepped capacity. This is shown in Chart 7 below.

Chart 7: Estimated capacity versus actual throughput in 2012 period



4.1.14 In Table 2 below we provide the quantity information corresponding to each price restructured in 2014. We have included the 2014 quantity forecast at the time of restructuring prices, and the actual 2014 quantity.

Table 2: Quantities associated with price restructures 2014

Consumer	Contract Reference	Forecast 2014 Quantity	Actual 2014 Quantity
1	ISC009	T: 1,034,218 C: 1,034,218 O: 0 D: 365	T: 3,523,559 C: 3,501,443 O: 59,227 D: 365
2	IUC005	T: 67,864 C: 67,864 O: 0 D: 365	T: 162,524 C: 283,000 O: 0 D: 365
3	IUC007	T: 2,458 C: 2,458 O: 0 D: 365	T: 3,590 C: 1,690 O: 1,900 D: 365
4	IUC006	T: 0 C: 0 O: 0 D: 365	T: 0 C: 0 O: 0 D: 365
	ICA013	T: 0 C: 0 O: 0 D: 365	T: 0 C: 0 O: 0 D: 365
	NSA036	T: 4,765,165 C: 12,045,000 O: 0 D: 365	T: 2,393,903 C: 12,045,000 O: 0 D: 365
5	NSA007	T: 6,642 C: 27,550 O: 0 D: 365	T: 6,511 C: 27,550 O: 0 D: 365
6	NSA018	T: 7,681 C: 76,200 O: 0 D: 365	T: 7,871 C: 76,200 O: 0 D: 365

* IUC006, ICA013 and NSA036 are three contracts that apply to the same consumer;
T=Throughput (GJ), C=Capacity (GJ), O=Overrun (GJ), D=Days

4.1.15 The quantities we forecast ex-ante at the time of restructuring prices differs from the ex-post actual quantities because Vector forecast 2014 quantities based on the historical quantity information available to us at the time prices were set in mid-2013. The best information we had available at that time was the quantities for the pricing year ending 2012. We assumed, in the absence of any better information, that quantities would remain constant between 2012 and 2014 for these consumers.

4.1.16 Invariably, consumption across the transmission system for the 2014 pricing year has varied from the 2012 consumption. It is not practicable to explain the causes of the various consumption behaviour changes as these result from individual decisions by each of the 6 non-standard consumers.

Appendix 19: Gas Transmission Emergency Classification

Classification	Description
Emergency incident	An incident that has a major effect on a Vector gas asset or its ability to supply gas, and may threaten public and/or building safety. Transmission emergency incidents include but are not limited to: • Potential or actual gas supply critical contingency • Uncontrolled escape of gas • Any structural damage to a transmission pipeline • Unplanned supply interruption to multiple end users • Off specification gas including under or over odorisation • Significant chemical or odorant spill • Potential or actual serious harm to personnel, public or property • Missing persons • Explosion or fire • Civil Defence emergency (includes natural disaster, civil unrest) • Terrorism • Incident affecting the use of airways, rail or major roadways This will require: • stakeholder management, • internal and external notifications, and • a full investigation and review.