



Pursuant to the Commerce Act (Vector Natural Gas Services) Authorisation 2008

## **Commencement Period Compliance Statement**

**17 February 2009**

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## Introduction

- 1.1 This commencement period compliance statement ("the Statement") is submitted by Vector Limited pursuant to *clause 9.1* of the Commerce Act (Vector Natural Gas Services) Authorisation 2008 ("the Authorisation"). This Statement has been prepared on 17 February 2009. In this statement, references to Vector relate only to Vector's gas business controlled under the Authorisation.
- 1.2 The Authorisation requires Vector to demonstrate that prices from 1 January 2009 to 30 September 2009 (the commencement period) are compliant with the allowable notional revenue in accordance with *clause 6.2.1*. This Statement demonstrates that Vector's notional revenue for controlled natural gas services during the commencement period does not exceed the allowable notional revenue as provided for in the Authorisation (R<sub>2009</sub>).
- 1.3 This Statement also includes relevant information supporting Vector's pricing and its compliance with the Authorisation during the commencement period.
- 1.4 Vector considers that this Statement contains sufficient information to enable the Commerce Commission ("the Commission") to properly determine that Vector has complied with the terms of the Authorisation.

## Breaches of the Authorisation

- 1.5 Vector can confirm that to date, there has been no breach of any of the provisions of the Authorisation in relation to the commencement period.

## Compliance with clause 6.2.1

2.1 As required by clause 6.2.1, in order to demonstrate compliance with the weighted average price cap, Vector is required to demonstrate that its notional revenue during the commencement period does not exceed the allowable notional revenue as specified by the Commission. As outlined in the calculation below, Vector complies with this requirement.

Definition	Variable	Amount
Current Year Notional Revenue	$\sum P_{ij,2009} Q_{ij,2008}$	\$ 42,721,328.40
Compliance with Pricing Terms met?		Yes

## Treatment of non-standard services that have changed to standard services

2.2 As part of setting prices under the Authorisation, Vector has formalised its eligibility criteria for non-standard pricing to ensure a consistent and equitable approach across customers. The policy has been applied to non-standard customers on expired contracts. As a result, 32 non-standard customers no longer meet the eligibility requirements for non-standard pricing. From 1 January 2009 these 32 customers were transferred to standard load groups and prices.

2.3 Vector has identified a potential anomaly with clause 6.2.1 of the Authorisation whereby the revenue from these 32 customers would not be reported. This arises because  $Q_{ij,ref}$  is the reference quantity of component  $j$  of service  $i$  used for setting the quantity weights, which is to be the audited quantity for each component of price for the year ending 30 September 2008. For these affected non-standard customers, their quantities are not reported as standard reference quantities (since they are not on standard tariffs in the period up to 30 September 2008) and as their non-standard service will no longer exist during the commencement period, their quantities, prices and revenues would not be reported in the equation under 6.2.1 according to Vector's interpretation of the definitions in the Authorisation.

- 2.4 The Commission has subsequently clarified their intention that revenue derived from non-excluded services (including customers moving from non-standard to standard services) during the commencement period should be included in calculating compliance with the Revenue Limit (R<sub>2009</sub>). Vector has therefore included as a separate category the quantities, prices and revenues for all of the non-standard customers moving to standard prices from 1 January 2009. In addition, Vector has also included two additional non-standard customers who moved to standard prices during April and November 2008 who are affected by the same issue.

## Appendix 1, Standard services prices and quantities

Form 4 of Schedule 7 of the Authorisation requires Vector to provide information including the average number of ICPs, prices in \$/GJ and volumes in GJ.

The tables below detail the required information. Vector notes that it sets prices and records customer information in kWh as opposed to GJ. We have therefore presented information in the units in which it is published and recorded so as to avoid making any conversion errors for the purpose of presenting the information in this compliance statement. Expressing the volumes in kWh does not affect the notional revenue calculation.

Standard price categories (Load Group)	Commencement Period				
	Price		Reference Quantity		Revenue
	Fixed $P_{ij,2009}$ \$/day	Variable $P_{ij,2009}$ \$/kWh	Fixed $Q_{ij,2008}$ Average ICPs	Variable $Q_{ij,2008}$ kWh	Total $P_{ij,2009} Q_{ij,2008}$ \$
1G10	\$ 0.214183	\$ 0.023311	78,112	602,151,892	\$ 20,160,058.54
1G21	\$ 0.259724	\$ 0.025641	2,104	52,221,850	\$ 1,539,040.92
1G27	\$ 2.410670	\$ 0.009055	1	1,466,919	\$ 14,165.26
1G31	\$ -	\$ 0.010131	5	9,597,662	\$ 97,233.92
AG22	\$ 1.019888	\$ 0.020710	19	1,784,620	\$ 44,051.78
AG23	\$ 4.482631	\$ 0.011655	17	10,926,568	\$ 154,809.75
AG24	\$ 13.447892	\$ 0.009862	-	-	\$ -
BG22	\$ 1.019888	\$ 0.020710	352	31,907,836	\$ 792,123.90
BG23	\$ 5.379157	\$ 0.013000	171	80,659,624	\$ 1,384,261.40
BG24	\$ 16.137471	\$ 0.012104	16	40,778,662	\$ 587,101.57
CG22	\$ 1.019888	\$ 0.020710	1,671	153,350,166	\$ 3,799,693.38
CG23	\$ 6.218401	\$ 0.015102	477	243,587,796	\$ 4,764,153.20
CG24	\$ 19.133805	\$ 0.013896	29	65,332,196	\$ 1,108,014.93
XG22	\$ 0.806874	\$ 0.010758	92	8,268,197	\$ 116,233.71
XG23	\$ 2.689578	\$ 0.008965	42	21,567,650	\$ 234,450.73
XG24	\$ 8.068735	\$ 0.007172	5	7,323,461	\$ 66,143.89
YG22	\$ 0.986179	\$ 0.012551	69	7,205,467	\$ 115,480.81
YG23	\$ 3.586105	\$ 0.010758	23	8,678,669	\$ 123,818.33
YG24	\$ 10.758314	\$ 0.008965	1	3,341,326	\$ 34,053.91
<b><math>\Sigma P_{ij,2009} Q_{ij,2008}</math></b>					<b>\$ 35,134,889.91</b>



**Appendix 2, Non-standard services moving to standard services prices and quantities**

Non-standard price categories moved to standard price categories	Commencement Period				
	Price		Reference Quantity		Revenue
	Fixed $P_{ij,2009}$ \$/day	Variable $P_{ij,2009}$ \$/kWh	Fixed $Q_{ij,2008}$ Days	Variable $Q_{ij,2008}$ kWh	Total $P_{ij,2009} Q_{ij,2008}$ \$
BB001	\$ 16.137471	\$ 0.012104	366	4,662,168	\$ 62,337.19
BB002	\$ 4.482631	\$ 0.011655	366	322,548	\$ 5,399.94
BB003	\$ 13.447892	\$ 0.009862	366	2,047,376	\$ 25,113.15
BB004	\$ 5.379157	\$ 0.013000	366	970,511	\$ 14,585.41
BB005	\$ 2.689578	\$ 0.008965	366	866,270	\$ 8,750.49
BB006	\$ 5.379157	\$ 0.013000	366	717,895	\$ 11,301.41
BB007	\$ 2.689578	\$ 0.008965	366	1,340,409	\$ 13,001.15
BB008	\$ 2.689578	\$ 0.008965	366	1,739,616	\$ 16,580.04
BB009	\$ 19.133805	\$ 0.013896	366	1,657,599	\$ 30,036.96
BB010	\$ 5.379157	\$ 0.013000	366	229,495	\$ 4,952.21
BB011	\$ 5.379157	\$ 0.013000	366	356,522	\$ 6,603.56
BB012	\$ 1.019888	\$ 0.020710	366	28,101	\$ 955.25
BB013	\$ 16.137471	\$ 0.012104	366	762,918	\$ 15,140.67
BB014	\$ 5.379157	\$ 0.013000	366	1,568,367	\$ 22,357.54
BB015	\$ 1.019888	\$ 0.020710	366	2,966,039	\$ 61,799.95
BB016	\$ 19.133805	\$ 0.013896	366	4,465,893	\$ 69,061.02
BB017	\$ 2.689578	\$ 0.008965	366	228,722	\$ 3,034.88
BB018	\$ 6.218401	\$ 0.015102	366	2,273,800	\$ 36,614.86
BB019	\$ 19.133805	\$ 0.013896	366	1,113,327	\$ 22,473.76
BB020	\$ 8.068735	\$ 0.007172	366	1,433,069	\$ 13,231.13
BB021	\$ 1.019888	\$ 0.020710	366	304,214	\$ 6,673.55
BB022	\$ 6.218401	\$ 0.015102	366	533,138	\$ 10,327.38
BB023	\$ 1.019888	\$ 0.020710	366	320,486	\$ 7,010.55
BB024	\$ 1.019888	\$ 0.020710	366	316,043	\$ 6,918.54
BB025	\$ 1.019888	\$ 0.020710	366	280,266	\$ 6,177.59
BB026	\$ 5.379157	\$ 0.013000	366	338,712	\$ 6,372.03
BB027	\$ 3.586105	\$ 0.010758	366	1,353,934	\$ 15,878.14
BB028	\$ 13.447892	\$ 0.009862	366	697,002	\$ 11,795.76
BB029	\$ 0.806874	\$ 0.010758	366	433,908	\$ 4,963.30
BB030	\$ 19.133805	\$ 0.013896	366	1,652,038	\$ 29,959.70
BB031	\$ 16.137471	\$ 0.012104	366	2,603,702	\$ 37,421.52
BB032	\$ 19.133805	\$ 0.013896	366	3,838,763	\$ 60,346.42
BB033	\$ 2.689578	\$ 0.008965	366	687,650	\$ 7,149.17
BB034	\$ 16.137471	\$ 0.012104	366	4,285,220	\$ 57,774.62
<b><math>\Sigma P_{ij,2009} Q_{ij,2008}</math></b>					<b>\$ 712,098.86</b>

### Appendix 3, Non-standard services prices and quantities

Non-standard price categories	Commencement Period				
	Price		Reference Quantity		Revenue
	Fixed $P_{ij,2009}$ \$/day	Variable $P_{ij,2009}$ \$/kWh	Fixed $Q_{ij,2008}$ Days	Variable $Q_{ij,2008}$ kWh	Total $P_{ij,2009} Q_{ij,2008}$ \$
AA001	\$ 0.920171	\$ 0.012905	366	70,161	\$ 1,242.21
AA002	\$ 106.000000	\$ 0.000800	366	9,991,848	\$ 46,789.48
AA003	\$ 40.000000	\$ 0.000800	366	29,191,719	\$ 37,993.38
AA004	\$ 200.000000	\$ 0.000350	366	232,610,794	\$ 154,613.78
AA005	\$ 10.000000	\$ 0.000800	366	381,823	\$ 3,965.46
AA006	\$ 40.000000	\$ 0.000800	366	3,672,787	\$ 17,578.23
AA007	\$ 13.350000	\$ 0.002225	366	12,290,093	\$ 32,231.56
AA008	\$ -	\$ 0.001737	366	37,000,275	\$ 64,269.48
AA009	\$ 55.000000	\$ 0.010000	366	5,907,792	\$ 79,207.92
AA010	\$ 15.580700	\$ 0.001800	366	10,117,989	\$ 23,914.92
AA011	\$ 113.721619	\$ -	366	15,206,137	\$ 41,622.11
AA012	\$ 20.680000	\$ -	366	4,849,461	\$ 7,568.88
AA013	\$ 42.414107	\$ -	366	7,192,539	\$ 15,523.56
AA014	\$ 6.525124	\$ -	366	292,086	\$ 2,388.20
AA015	\$ 60.000000	\$ 0.000800	366	10,168,219	\$ 30,094.58
AA016	\$ 5.000000	\$ 0.005000	366	354,104	\$ 3,600.52
AA017	\$ 12.247468	\$ -	366	1,498,950	\$ 4,482.57
AA018	\$ 18.070000	\$ -	366	779,966	\$ 6,613.62
AA019	\$ 160.000000	\$ 0.000800	366	131,206,976	\$ 163,525.58
AA020	\$ 100.000000	\$ 0.010000	366	18,340,948	\$ 220,009.48
AA021	\$ 15.000000	\$ 0.010000	366	969,282	\$ 15,182.82
AA022	\$ 35.013312	\$ 0.001691	366	21,838,214	\$ 49,743.29
AA023	\$ 71.200000	\$ 0.004895	366	12,063,440	\$ 85,109.74
AA024	\$ 6.000000	\$ 0.004500	366	1,514,339	\$ 9,010.52
AA025	\$ 88.311852	\$ 0.002225	366	37,380,378	\$ 115,493.48
AA026	\$ 57.850000	\$ 0.002047	366	15,538,869	\$ 52,981.16
AA027	\$ 57.850000	\$ 0.002047	366	35,137,702	\$ 93,099.98
AA028	\$ 6.000000	\$ 0.004000	366	897,186	\$ 5,784.74
AA029	\$ 2.400000	\$ -	366	2,852,288	\$ 878.40
AA030	\$ 39.160000	\$ 0.008900	366	7,032,639	\$ 76,923.05
AA031	\$ 10.000000	\$ 0.000800	366	1,489,609	\$ 4,851.69
AA032	\$ 10.000000	\$ 0.003000	366	3,062,299	\$ 12,846.90
AA033	\$ 20.000000	\$ 0.000800	366	4,939,901	\$ 11,271.92
AA034	\$ 66.750000	\$ 0.000579	366	32,265,869	\$ 43,112.44
AA035	\$ 28.480000	\$ 0.006230	366	4,284,632	\$ 37,116.94
AA036	\$ 5.500000	\$ 0.001300	366	3,257,535	\$ 6,247.80
AA037	\$ 79.265091	\$ 0.003827	366	23,993,618	\$ 120,834.60
AA038	\$ 10.680000	\$ 0.005340	366	2,924,495	\$ 19,525.68
AA039	\$ 57.850000	\$ 0.002047	366	31,566,905	\$ 85,790.55
AA040	\$ 8.900000	\$ 0.001602	366	4,676,956	\$ 10,749.88
AA041	\$ 9.000000	\$ 0.001100	366	8,891,102	\$ 13,074.21
AA042	\$ 31.973695	\$ -	366	2,326,904	\$ 11,702.37
AA043	\$ 10.440323	\$ -	366	764,701	\$ 3,821.16
AA044	\$ 28.008300	\$ -	366	3,860,196	\$ 10,251.04
AA045	\$ 27.500000	\$ 0.005500	366	8,514,690	\$ 56,895.80
AA046	\$ 9.790000	\$ 0.006675	366	903,271	\$ 9,612.47
AA047	\$ 95.773167	\$ 0.005785	366	10,656,631	\$ 96,701.59
AA048	\$ 40.050000	\$ 0.004450	366	7,728,367	\$ 49,049.53
AA049	\$ 70.000000	\$ 0.004500	366	15,757,268	\$ 96,527.71
AA050	\$ 20.915000	\$ 0.002670	366	10,983,439	\$ 36,980.67
AA051	\$ -	\$ 0.002848	-	52,234,160	\$ 148,762.89
AA052	\$ 30.000000	\$ 0.004000	366	4,665,197	\$ 29,640.79
AA053	\$ 11.343851	\$ -	366	650,842	\$ 4,151.85
AA054	\$ 65.920323	\$ -	366	13,191,530	\$ 24,126.84
AA055	\$ 14.685000	\$ 0.002670	366	3,914,926	\$ 15,827.56
AA056	\$ 15.359353	\$ -	366	1,612,465	\$ 5,621.52
AA057	\$ 15.058355	\$ -	366	258,434	\$ 5,511.36
AA058	\$ 160.000000	\$ 0.000800	366	131,802,630	\$ 164,002.10
AA059	\$ 60.000000	\$ 0.000800	366	4,077,173	\$ 25,221.74
AA060	\$ 68.331975	\$ 0.008633	366	13,078,679	\$ 137,917.74
AA061	\$ 15.000000	\$ 0.008000	366	1,327,311	\$ 16,108.49
AA062	\$ 86.158319	\$ 0.003916	366	27,340,739	\$ 138,600.28
AA063	\$ 30.000000	\$ 0.010000	366	3,494,092	\$ 45,920.92
AA064	\$ 222.500000	\$ 0.005785	366	32,340,026	\$ 268,522.05
AA065	\$ 227.430000	\$ -	366	6,565,735	\$ 83,239.38
AA066	\$ 27.390500	\$ -	366	32,612,410	\$ 10,024.92
AA067	\$ 48.287929	\$ 0.005429	366	8,785,740	\$ 65,371.16
AA068	\$ -	\$ 0.005073	-	11,613,871	\$ 58,917.17
AA069	\$ 35.600000	\$ 0.006675	366	7,323,167	\$ 61,911.74
AA070	\$ 45.554650	\$ 0.007298	366	5,898,210	\$ 59,718.14





Commencement Period Compliance Statement

Non-standard price categories	Commencement Period				
	Price		Reference Quantity		Revenue
	Fixed $P_{ij,2009}$ \$/day	Variable $P_{ij,2009}$ \$/kWh	Fixed $Q_{ij,2008}$ Days	Variable $Q_{ij,2008}$ kWh	Total $P_{ij,2009}$ $Q_{ij,2008}$ \$
AA071	\$ 9.790000	\$ 0.007565	366	474,812	\$ 7,175.10
AA072	\$ 7.120000	\$ 0.002670	366	622,324	\$ 4,267.53
AA073	\$ 78.320000	\$ 0.007832	366	13,506,492	\$ 134,447.96
AA074	\$ 35.000000	\$ 0.009000	366	3,853,005	\$ 47,487.05
AA075	\$ 18.000000	\$ 0.005500	366	3,532,787	\$ 26,018.33
AA076	\$ 6.468787	\$ 0.012905	366	468,963	\$ 8,419.54
AA077	\$ 0.273319	\$ 0.012905	366	38,548	\$ 597.50
AA078	\$ 0.273319	\$ 0.012905	366	6,742	\$ 187.04
AA079	\$ 98.787508	\$ 0.000925	366	16,953	\$ 36,171.91
AA080	\$ 6.468787	\$ 0.012905	366	189,512	\$ 4,813.23
AA081	\$ 6.468787	\$ 0.012905	366	108,894	\$ 3,772.85
AA082	\$ 6.468787	\$ 0.012905	366	686,623	\$ 11,228.44
AA083	\$ 36.981280	\$ 0.012905	366	12,984,420	\$ 181,099.09
AA084	\$ 0.920171	\$ 0.012905	366	106,802	\$ 1,715.07
AA085	\$ 87.200000	\$ 0.009700	366	7,380,219	\$ 103,503.32
AA086	\$ 91.109300	\$ 0.009078	366	15,710,146	\$ 175,962.71
AA087	\$ 1,618.536200	\$ -	366	126,954,354	\$ 592,384.25
AA088	\$ 6.230000	\$ 0.011570	366	771,017	\$ 11,200.85
AA089	\$ 50.000000	\$ 0.010000	366	4,208,561	\$ 60,385.61
AA090	\$ 10.440323	\$ -	366	433,015	\$ 3,821.16
AA091	\$ 60.000000	\$ 0.000800	366	16,453,839	\$ 35,123.07
AA092	\$ 183.995218	\$ -	366	23,436,529	\$ 67,342.25
AA093	\$ 25.510604	\$ 0.003827	366	8,528,164	\$ 41,974.16
AA094	\$ 20.000000	\$ 0.000800	366	4,354,551	\$ 10,803.64
AA095	\$ 4.619278	\$ 0.009256	366	842,704	\$ 9,490.72
AA096	\$ 6.000000	\$ 0.004000	366	610,605	\$ 4,638.42
AA097	\$ 33.820000	\$ 0.008455	366	3,065,208	\$ 38,294.45
AA098	\$ 28.962024	\$ -	366	1,590,675	\$ 10,600.10
AA099	\$ 20.000000	\$ 0.004000	366	5,731,571	\$ 30,246.28
AA100	\$ 24.920000	\$ 0.007565	366	4,491,630	\$ 43,099.90
AA101	\$ 31.150000	\$ 0.008900	366	3,137,841	\$ 39,327.68
AA102	\$ 6.377651	\$ 0.005162	366	1,294,490	\$ 9,016.38
AA103	\$ 1.000000	\$ 0.010000	366	23,016	\$ 596.16
AA104	\$ 15.811295	\$ -	366	912,381	\$ 5,786.93
AA105	\$ 28.000000	\$ 0.001500	366	26,118,648	\$ 49,425.97
AA106	\$ 38.549193	\$ -	366	951,964	\$ 14,109.00
AA107	\$ 15.269908	\$ 0.005963	366	8,384,242	\$ 55,584.02
AA108	\$ -	\$ 0.002225	-	852,428	\$ 1,896.65
AA109	\$ 3.560000	\$ 0.005340	366	391,152	\$ 3,391.71
AA110	\$ 13.866823	\$ 0.012905	366	281,684	\$ 8,710.39
AA111	\$ 8.900000	\$ 0.010680	366	643,227	\$ 10,127.06
AA112	\$ 15.811295	\$ -	366	882,613	\$ 5,786.93
AA113	\$ 54.665580	\$ 0.006408	366	10,919,468	\$ 89,979.55
AA114	\$ 19.580000	\$ 0.006675	366	2,966,035	\$ 26,964.56
AA115	\$ 9.790000	\$ 0.007565	366	865,349	\$ 10,129.50
AA116	\$ 17.800000	\$ 0.010680	366	1,259,319	\$ 19,964.33
AA117	\$ 22.250000	\$ 0.002047	366	4,839,341	\$ 18,049.63
AA118	\$ 22.250000	\$ 0.002047	366	6,197,789	\$ 20,830.37
AA119	\$ 29.763380	\$ -	366	4,569,545	\$ 10,893.40
AA120	\$ 198.712169	\$ 0.004984	366	13,526,225	\$ 140,143.36
AA121	\$ 11.042675	\$ -	366	2,404,745	\$ 4,041.62
AA122	\$ 6.000000	\$ 0.001700	366	2,376,062	\$ 6,235.31
AA123	\$ 8.000000	\$ 0.003800	366	1,975,835	\$ 10,436.17
AA124	\$ 19.580000	\$ 0.006675	366	3,499,807	\$ 30,527.49
AA125	\$ 35.000000	\$ 0.002000	366	17,914,041	\$ 48,638.08
AA126	\$ 9.790000	\$ 0.006675	366	873,463	\$ 9,413.51
AA127	\$ 13.350000	\$ 0.011570	366	596,649	\$ 11,789.33
AA128	\$ 17.800000	\$ 0.001602	366	16,186,113	\$ 32,444.95
AA129	\$ 26.700000	\$ 0.001780	366	13,174,826	\$ 33,223.39
AA130	\$ 6.230000	\$ 0.011570	366	494,150	\$ 7,997.49
AA131	\$ 98.787508	\$ 0.000925	366	33,881,452	\$ 67,496.57
AA132	\$ 3.000000	\$ 0.001700	366	46,951	\$ 1,177.82
AA133	\$ 39.160000	\$ 0.008900	366	10,350,222	\$ 106,449.54
AA134	\$ 2.409333	\$ -	366	1,359,749	\$ 881.82
AA135	\$ 9.000000	\$ 0.000500	366	7,968,463	\$ 7,278.23
AA136	\$ 51.531000	\$ 0.006764	366	7,772,300	\$ 71,432.18
AA137	\$ 98.787508	\$ 0.000925	366	17,837,200	\$ 52,655.64
AA138	\$ 10.000000	\$ 0.004500	366	1,716,202	\$ 11,382.91
AA139	\$ 30.000000	\$ 0.010000	366	2,907,265	\$ 40,052.65
AA140	\$ 24.030000	\$ 0.007120	366	2,409,846	\$ 25,953.08



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Non-standard price categories	Commencement Period					
	Price		Reference Quantity		Revenue	
	Fixed $P_{ij,2009}$ \$/day	Variable $P_{ij,2009}$ \$/kWh	Fixed $Q_{ij,2008}$ Days	Variable $Q_{ij,2008}$ kWh	Total $P_{ij,2009} Q_{ij,2008}$ \$	
AA141	\$ 13.350000	\$ 0.011570	366	669,812	\$ 12,635.83	
AA142	\$ 170.483505	\$ -	366	10,061,638	\$ 62,396.96	
AA143	\$ 26.700000	\$ 0.010680	366	3,152,201	\$ 43,437.71	
AA144	\$ 6.230000	\$ 0.012460	366	95,476	\$ 3,469.81	
AA145	\$ 25.000000	\$ 0.008000	366	2,063,637	\$ 25,659.10	
AA146	\$ 37.123057	\$ 0.002403	366	4,061,340	\$ 23,346.44	
AA147	\$ 20.000000	\$ 0.006000	366	3,595,263	\$ 28,891.58	
AA148	\$ 98.787508	\$ 0.000925	366	51,790,025	\$ 84,062.00	
AA149	\$ 30.000000	\$ 0.010000	366	4,674,462	\$ 57,724.62	
AA150	\$ 20.000000	\$ 0.006000	366	4,741,885	\$ 35,771.31	
AA151	\$ 13.666395	\$ 0.015486	366	1,520,583	\$ 28,549.65	
AA152	\$ 4.450000	\$ 0.002047	366	818,185	\$ 3,303.52	
AA153	\$ 45.000000	\$ 0.001600	366	22,058,916	\$ 51,764.27	
AA154	\$ 40.000000	\$ 0.001600	366	31,994,520	\$ 65,831.23	
AA155	\$ 5.000000	\$ 0.005500	366	434,563	\$ 4,220.10	
AA156	\$ 2.733279	\$ 0.005963	366	104,118	\$ 1,621.23	
AA157	\$ 8.000000	\$ 0.000700	366	17,756,629	\$ 15,357.64	
Scaling	\$ -	\$ 0.003114	-	-	21,744,534	-\$ 67,722.55
<b><math>\Sigma P_{ij,2009} Q_{ij,2008}</math></b>						<b>\$ 6,874,339.63</b>