



PIPELINE PEAK FLOW DISCLOSURE

**Relating to
Gas Transmission Information Disclosure Determination 2012
(Requirements defined in Clause 2.5.2)**

Year Ending 30 September 2014

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1.0 INTRODUCTION

This Pipeline Peak Flow Disclosure is disclosed by Vector Limited pursuant to *clause 2.5.2* of the Gas Transmission Information Disclosure Determination 2012.

The system peak flow periods used in this statement have been determined following the same methodology stated in the Gas Transmission Asset Management Plan for all systems.

2.0 PEAK FLOW INFORMATION

2.1 NORTH SYSTEM

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput	Period Ending	Throughput
Rotowaro			(GJ)		(GJ)
		25-Jul-14	728,240		
	Harrisville	25-Jul-14	9,649	25-Jul-14	9,649
	Drury	25-Jul-14	5,833	25-Jul-14	5,833
	Hunua	25-Jul-14	3,225	30-May-14	3,623
	Flat Bush	25-Jul-14	6,150	15-Aug-14	8,547
	Bruce McLaren	25-Jul-14	7,227	25-Jul-14	7,227
	Refining NZ	25-Jul-14	44,517	20-Jun-14	50,132
	Kauri	25-Jul-14	5,975	1-Nov-13	12,228
	Waitoki	25-Jul-14	2,380	18-Jul-14	2,522
	Glenbrook	25-Jul-14	27,359	28-Feb-14	39,941
	Westfield	25-Jul-14	145,148	25-Jul-14	145,148
	Warkworth	25-Jul-14	5,351	25-Jul-14	5,351
	Tuakau	25-Jul-14	3,500	16-May-14	4,752
	Papakura	25-Jul-14	58,874	28-Feb-14	65,162
	Henderson	25-Jul-14	28,408	25-Jul-14	28,408
Whangarei	25-Jul-14	2,673	25-Jul-14	2,673	
Otahuhu	25-Jul-14	267,302	26-Sept-14	310,280	
Southdown	25-Jul-14	101,070	25-Jul-14	101,070	

Note:

1. The North System Peak flow period was identified as the period ending 25 July 2014.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday-Friday inclusive). This is for both the System Peak Flow period and the Offtake Peak Flow period.
3. Offtake points that had a total throughput of 2000 Gigajoules or more during the North System's Peak Flow period have been reported.

4. Consistent with the Asset Management Plan, throughput for Otahuhu and Southdown power-stations were excluded when calculating the timing of the System Peak Flow period, however once timing was determined, power-station throughput was retained in the final reported metrics.
5. Consistent with the Asset Management Plan, throughput for Refining NZ was excluded when calculating the timing of the System Peak Flow period since this is a fully interruptible demand, however once timing was determined, Refining NZ's throughput was retained in the final reported metrics.
6. Southdown Peak Flow was significantly lower in 2014 compared to the peak flow in 2013.

2.2 CENTRAL NORTH SYSTEM

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput	Period Ending	Throughput
Rotowaro			(GJ)		(GJ)
		26-Sep-14	136,684		
	Hamilton Temple View	26-Sep-14	21,735	15-Aug-14	25,468
	Morrinsville DF	26-Sep-14	8,808	26-Sep-14	8,808
	Tatuanui DF	26-Sep-14	5,086	19-Sep-14	5,365
	Waitoa	26-Sep-14	5,401	8-Aug-14	6,737
	Cambridge	26-Sep-14	11,531	26-Sep-14	11,531
	Kiwitahi (Degussa)	26-Sep-14	3,550	27-Jun-14	4,675
	Hamilton Te Kowhai	26-Sep-14	5,839	25-Jul-14	9,414
Te Rapa Cogen	26-Sep-14	71,178	22-Aug-14	85,088	

Note:

1. The Central North System Peak flow period was identified as the period ending 26 September 2014.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday-Friday inclusive). This is for both the System Peak Flow period and the Offtake Peak Flow period.
3. Offtake points that had a total throughput of 2000 Gigajoules or more during the Central North System's Peak Flow period have been reported.
4. Consistent with the Asset Management Plan, throughput for Te Rapa Cogen was excluded when calculating the timing of the System Peak Flow period, however once timing was determined, Cogen throughput was retained in the final reported metrics.

2.3 CENTRAL SOUTH SYSTEM

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput	Period Ending	Throughput
Kapuni			(GJ)		(GJ)
		25-Jul-14	46,416		
	New Plymouth	25-Jul-14	16,473	25-Jul-14	16,473
	Pokuru Offtake	25-Jul-14	24,450	6-Jun-14	72,560

Note:

1. The Central South System Peak flow period was identified as the period ending 25 July 2014.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday-Friday inclusive). This is for both the System Peak Flow period and the Offtake Peak Flow period.
3. Offtake points that had a total throughput of 2000 Gigajoules or more during the Central South System's Peak Flow period have been reported.
4. Consistent with the Asset Management Plan, throughput for Pokuru Offtake was excluded when calculating the timing of the System Peak Flow period since this is a fully interruptible demand. Once timing was determined, offtake throughput was retained in the final reported metrics.
5. Eltham flow was disclosed in 2013 as it exceeded 2000 Gigajoules¹ during the system peak flow period. In 2014, it was less than 2000 Gigajoules during the system peak flow period.
6. Pokuru offtake has a significantly lower throughput in 2014 compared to the 2013 peak flow period due to lower nominations of gas. This has resulted in the Total System peak throughput being less than 50% of throughput during the peak flow period in 2013.

¹ S2.5.2 of the Gas Transmission information Disclosure Determination 2012 requires non-financial information to be disclosed for all offtake points with throughput > 2000 Gigajoules during the peak flow period.

2.4 BAY OF PLENTY SYSTEM

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput	Period Ending	Throughput
			(GJ)		(GJ)
Pokuru		22-Aug-14	172,338		
	Tokoroa	22-Aug-14	2,067	15-Aug-14	2,271
	Lichfield DF	22-Aug-14	8,347	19-Sep-14	9,885
	Edgecumbe DF	22-Aug-14	22,935	26-Sep-14	23,516
	Reporoa	22-Aug-14	6,647	29-Nov-13	10,545
	Whakatane	22-Aug-14	15,355	22-Aug-14	15,355
	Tirau DF	22-Aug-14	4,414	5-Sep-14	8,173
	Kinleith (CHH Mill) 2	22-Aug-14	61,045	18-Jul-14	76,168
	Kawerau (Caxton)	22-Aug-14	2,804	5-Sep-14	3,015
	Kawerau (Tasman)	22-Aug-14	8,634	11-Oct-13	9,018
	Taupo	22-Aug-14	2,316	4-Jul-14	2,581
	Tauranga	22-Aug-14	3,902	25-Jul-14	4,249
	Gisborne	22-Aug-14	5,237	14-Mar-14	11,513
	Mt Maunganui	22-Aug-14	9,766	15-Aug-14	10,080
	Rotorua	22-Aug-14	7,687	4-Jul-14	8,080

Note:

1. The Bay of Plenty System Peak flow period was identified as the period ending 22 August 2014.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday-Friday inclusive). This is for both the System Peak Flow period and the Offtake Peak Flow period.
3. Offtake points that had a total throughput of 2000 Gigajoules or more during the Bay of Plenty System's Peak Flow period have been reported.
4. Tokoroa and Taupo have been included in 2014 as their System Peak flows exceeded 2000 GJ during the peak flow period.

2.5 SOUTH SYSTEM

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput	Period Ending	Throughput
Kapuni Rimu Production Station		25-Jul-14	(GJ) 215,596		
		25-Jul-14	0		
	Paraparaumu	25-Jul-14	3,591	25-Jul-14	3,591
	Hawera	25-Jul-14	5,645	18-Oct-13	12,251
	Wanganui	25-Jul-14	14,211	29-Aug-14	15,938
	Okaiawa (Taranaki) by products	25-Jul-14	5,144	28-Mar-14	7,339
	Marton	25-Jul-14	3,460	30-May-14	3,768
	Palmerston North	25-Jul-14	22,204	25-Jul-14	22,204
	Longburn	25-Jul-14	3,478	26-Sep-14	6,688
	Levin	25-Jul-14	6,068	25-Jul-14	6,068
	Belmont	25-Jul-14	33,910	25-Jul-14	33,910
	Feilding	25-Jul-14	3,795	30-May-14	4,169
	Hastings	25-Jul-14	34,013	30-May-14	38,781
	Wellington (Tawa)	25-Jul-14	57,605	25-Jul-14	57,605
	Waitangirua (Hutt Valley)	25-Jul-14	6,611	25-Jul-14	6,611

Note:

1. The South System Peak flow period was identified as the period ending 25 July 2014.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday-Friday inclusive). This is for both the System Peak Flow period and the Offtake Peak Flow period.
3. Offtake points that had a total throughput of 2000 Gigajoules or more during the South System's Peak Flow period have been reported.
4. There is no metered gas into the Transmission system from Rimu Production Station during the System Peak Flow period.

2.6 FRANKLEY ROAD SYSTEM

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput	Period Ending	Throughput
			(GJ)		(GJ)
TAW Mixing Station		21-Feb-14	20		
Kupe Production Station		21-Feb-14	308,144		
Sidewinder		21-Feb-14	5,790		
Cheal Mixing Station		21-Feb-14	580		
Kaimiro		21-Feb-14	0		
KGTP		21-Feb-14	0		
Frankley Road		21-Feb-14	0		
Stratford Receipt		21-Feb-14	159,576		
	Frankley Road	21-Feb-14	291,741	21-Feb-14	291,741
	Kaimiro DP	21-Feb-14	2,222	9-May-14	25,728
	Stratford 2	21-Feb-14	15,235	31-Jan-14	127,258
	AUP	21-Feb-14	100,130	1-Aug-14	107,519
	Kapuni Maui Bypass	21-Feb-14	63,902	2-May-14	200,273

Note:

1. The Frankley Road System Peak flow period was identified as the period ending 21 February 2014.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday-Friday inclusive). This is for both the System Peak Flow period and the Offtake Peak Flow period.
3. Offtake points that had a total throughput of 2000 Gigajoules or more during the Frankley Road System's Peak Flow period have been reported.
4. Consistent with the Asset Management Plan, throughput for Taranaki Combined Cycle, Stratford 2 and Stratford 3 were excluded when calculating the timing of the System Peak Flow period, however once timing was determined, their throughput was retained in the final reported metrics.
5. Stratford Receipt Intake Point was commissioned in late 2013 and is included above.
6. Kaimiro Delivery Point has been included in 2014 since its throughput during the System's peak flow period exceeded 2000 Gigajoules.
7. Frankley Road and Kapuni Maui Bypass throughput during the System peak flow period is considerably higher in 2014 compared to 2013 due to higher customer nominations.

3.0 PEAK HOURLY INFORMATION

The throughput of gas (in Gigajoules/hour) during each system's Peak 5-day flow period is shown in the following tables. This is reported for all offtake Points (including PowerStation and Interruptible demands) that had a total throughput of 2000 Gigajoules or more during their sub-system peak flow period.

3.1 NORTH SYSTEM

Harrisville

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	34	70	84	86	45
1	54	78	98	54	54
2	70	92	116	62	57
3	80	118	124	89	72
4	85	123	123	90	96
5	98	124	124	111	108
6	100	126	123	114	107
7	96	129	118	118	106
8	107	114	108	102	100
9	108	121	115	108	111
10	102	120	114	111	106
11	107	118	108	105	104
12	102	110	109	101	97
13	102	90	98	95	104
14	98	93	77	89	90
15	98	95	68	79	97
16	90	86	74	66	96
17	53	51	46	45	53
18	34	44	44	38	37
19	35	46	36	31	34
20	36	69	42	29	33
21	36	52	25	14	23
22	36	64	37	14	36
23	38	79	58	16	35

Drury

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	61	68	88	68	64
1	59	79	90	65	64
2	64	79	89	64	60
3	63	77	93	65	56
4	50	74	90	75	52
5	41	81	88	73	48
6	41	81	84	77	54
7	44	76	79	79	59
8	24	46	42	41	27
9	26	5	13	20	30
10	20	26	29	31	31
11	28	32	31	31	30
12	31	33	32	34	35
13	26	32	31	30	34
14	27	32	31	32	33
15	27	30	33	33	35
16	34	33	33	33	36
17	35	35	28	27	38
18	43	39	34	34	33
19	59	53	28	36	30
20	57	69	32	34	44
21	54	70	50	47	58
22	55	80	63	58	54
23	59	85	70	64	52

Hunua

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	13	22	29	20	17
1	13	27	22	22	18
2	17	27	23	22	19
3	22	22	28	28	19
4	16	24	28	27	19
5	21	25	28	32	17
6	25	25	35	29	16
7	31	26	30	33	23
8	27	28	27	31	16
9	31	27	35	33	27
10	29	32	32	33	18
11	31	38	29	30	27
12	35	33	37	34	25
13	33	31	32	34	18
14	36	34	30	38	27
15	36	36	27	35	28
16	31	36	30	41	25
17	27	35	26	32	26
18	27	30	25	31	27
19	27	28	23	32	23
20	23	30	25	27	19
21	25	26	27	29	18
22	31	23	23	31	17
23	28	26	21	23	11

Flat Bush

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	11	43	48	33	38
1	17	44	51	47	37
2	14	45	52	42	35
3	17	46	48	46	36
4	18	40	46	45	38
5	32	40	40	43	36
6	44	50	52	53	42
7	56	62	61	61	47
8	61	61	68	65	54
9	61	64	63	63	57
10	58	66	65	62	55
11	64	66	65	68	59
12	65	61	63	62	55
13	62	66	66	68	59
14	60	63	65	70	56
15	61	60	59	66	53
16	57	55	59	59	50
17	59	60	56	51	53
18	53	58	52	59	44
19	50	61	55	54	40
20	54	58	55	47	46
21	53	53	48	41	44
22	49	51	46	40	32
23	45	49	47	42	24

Bruce McLaren

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	29	39	44	39	37
1	31	39	41	39	38
2	33	37	43	38	36
3	30	43	47	42	39
4	32	45	48	43	40
5	42	52	55	50	45
6	56	70	71	69	63
7	75	85	83	83	73
8	78	88	84	84	78
9	74	85	79	76	75
10	69	77	77	71	73
11	71	79	76	68	73
12	69	79	74	71	69
13	67	78	72	68	70
14	67	69	69	63	66
15	70	68	68	61	59
16	67	68	63	58	61
17	69	67	68	63	66
18	69	71	69	69	68
19	65	70	65	68	65
20	60	65	62	61	60
21	54	62	56	53	53
22	48	55	49	49	48
23	42	49	42	40	41

Refining NZ

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	436	383	341	399	318
1	438	407	365	405	338
2	438	407	308	405	411
3	439	408	422	406	411
4	439	408	412	406	411
5	439	408	428	406	412
6	439	407	418	407	411
7	438	410	417	407	410
8	431	407	402	407	410
9	433	404	401	405	390
10	419	391	386	388	393
11	420	397	338	392	379
12	421	379	357	395	404
13	428	308	378	367	406
14	425	292	394	292	405
15	431	293	325	282	419
16	432	293	202	285	421
17	419	293	188	296	424
18	407	294	198	298	433
19	389	293	239	332	434
20	350	274	296	375	419
21	341	271	296	319	352
22	341	275	297	295	341
23	266	292	300	295	341

Kauri

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	22	14	40	17	74
1	14	20	57	15	67
2	11	32	59	54	56
3	7	55	62	62	56
4	6	55	61	56	56
5	9	54	68	58	54
6	12	56	59	54	54
7	27	59	55	60	37
8	59	33	51	60	35
9	55	21	55	58	25
10	53	16	53	61	16
11	57	19	53	60	17
12	56	15	59	93	18
13	52	28	52	113	17
14	55	37	52	108	20
15	55	74	58	109	32
16	63	68	60	107	54
17	63	95	56	114	52
18	54	39	58	110	55
19	54	18	57	104	52
20	55	26	54	108	54
21	56	19	31	90	54
22	54	10	16	65	54
23	37	8	24	69	54

Waitoki

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	6	7	8	7	6
1	5	5	6	6	5
2	4	6	6	4	4
3	4	4	6	5	4
4	3	5	6	4	4
5	9	11	10	9	10
6	23	24	25	23	22
7	34	38	41	36	33
8	34	41	42	41	33
9	27	31	26	35	26
10	21	23	21	20	29
11	18	18	18	18	17
12	16	21	16	16	17
13	16	19	16	15	16
14	15	18	13	15	13
15	14	16	13	14	12
16	20	21	15	13	15
17	32	32	27	23	26
18	41	43	38	34	35
19	41	43	38	35	34
20	35	38	32	32	30
21	29	31	27	26	25
22	19	21	18	17	18
23	11	11	11	10	11

Glenbrook

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	175	186	243	270	180
1	206	169	250	237	303
2	182	147	275	204	208
3	157	138	260	188	169
4	148	138	278	185	181
5	110	143	293	236	268
6	115	143	225	178	258
7	141	146	292	194	287
8	207	186	251	308	314
9	267	175	310	321	281
10	253	144	278	383	251
11	160	176	236	234	222
12	154	204	203	162	188
13	143	229	215	142	234
14	185	269	210	143	260
15	192	315	222	202	253
16	203	298	211	228	225
17	223	302	247	340	281
18	319	327	303	321	325
19	256	342	281	225	288
20	160	237	295	145	238
21	222	266	261	135	280
22	252	267	284	113	263
23	239	256	289	142	283

Westfield

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	642	784	804	728	717
1	623	693	662	648	597
2	623	669	633	667	610
3	644	669	697	685	675
4	692	754	753	715	731
5	853	931	896	827	867
6	1,257	1,322	1,263	1,246	1,205
7	1,628	1,743	1,691	1,710	1,590
8	1,671	1,779	1,800	1,703	1,568
9	1,520	1,663	1,585	1,555	1,405
10	1,477	1,791	1,502	1,417	1,314
11	1,498	1,746	1,451	1,384	1,264
12	1,436	1,709	1,362	1,344	1,256
13	1,354	1,539	1,352	1,307	1,186
14	1,347	1,319	1,261	1,272	1,052
15	1,287	1,324	1,169	1,159	1,025
16	1,342	1,361	1,209	1,165	1,105
17	1,560	1,470	1,354	1,270	1,320
18	1,708	1,662	1,539	1,449	1,405
19	1,673	1,702	1,520	1,453	1,341
20	1,578	1,563	1,410	1,341	1,261
21	1,381	1,409	1,271	1,247	1,127
22	1,116	1,144	1,094	1,076	942
23	896	909	877	884	715

Warkworth

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	14	29	45	24	14
1	30	17	48	31	25
2	46	51	51	53	45
3	42	60	52	56	47
4	45	69	57	54	47
5	54	74	62	60	55
6	50	79	77	59	56
7	55	79	83	52	57
8	64	63	66	60	58
9	61	53	54	64	65
10	65	61	59	69	69
11	64	62	64	70	67
12	65	52	62	66	69
13	61	53	61	63	62
14	53	42	63	55	57
15	52	31	56	57	56
16	48	45	50	48	49
17	36	33	33	33	31
18	30	27	26	26	29
19	23	26	21	19	12
20	20	33	10	7	5
21	18	27	10	7	6
22	21	34	9	5	5
23	16	50	10	6	5

Tuakau

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	0	44	43	44	44
1	0	31	42	41	45
2	0	18	46	42	33
3	0	22	42	42	28
4	0	33	38	26	29
5	19	38	41	22	25
6	19	38	48	24	31
7	13	36	49	26	25
8	23	35	44	28	24
9	23	17	33	24	20
10	26	13	19	15	17
11	30	13	13	16	14
12	42	10	13	14	13
13	42	11	18	16	20
14	44	17	14	23	20
15	45	20	26	19	21
16	45	14	25	26	21
17	47	26	30	28	26
18	38	34	27	32	25
19	33	29	32	29	30
20	35	31	40	42	41
21	32	32	51	46	46
22	35	36	49	43	44
23	42	44	43	45	45

Papakura

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	317	423	540	492	453
1	316	419	534	492	444
2	315	419	536	485	444
3	313	418	537	493	442
4	312	417	543	508	453
5	313	418	558	528	475
6	362	482	632	604	553
7	438	574	688	673	623
8	473	585	677	661	616
9	440	556	568	551	547
10	406	69	515	470	522
11	366	256	473	445	501
12	355	262	458	509	439
13	405	384	454	448	453
14	402	475	448	437	509
15	382	438	434	438	455
16	442	502	466	460	506
17	478	595	551	541	547
18	516	657	602	559	571
19	515	668	610	566	560
20	510	667	578	557	544
21	483	642	572	545	529
22	466	605	562	528	484
23	440	563	500	472	448

Henderson

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	113	144	151	148	137
1	85	141	147	141	79
2	92	132	145	125	79
3	91	131	145	123	86
4	95	135	147	126	89
5	115	146	149	142	103
6	220	250	240	233	195
7	357	394	388	384	346
8	401	450	443	439	387
9	330	378	358	341	294
10	280	317	283	268	225
11	249	284	250	238	199
12	228	267	230	237	180
13	229	257	214	229	156
14	218	221	191	197	147
15	201	190	160	171	144
16	231	226	160	170	142
17	310	297	255	244	227
18	378	389	338	320	286
19	404	421	369	346	299
20	393	432	369	357	278
21	346	396	315	314	228
22	254	305	239	231	167
23	164	191	160	155	135

Whangarei

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	10	10	10	10	10
1	9	10	11	9	10
2	11	10	11	11	11
3	12	13	14	12	11
4	13	14	14	15	14
5	20	19	20	19	18
6	25	27	27	27	23
7	34	36	39	37	37
8	34	36	38	35	36
9	29	33	34	31	31
10	31	30	32	29	28
11	30	29	30	27	29
12	26	29	29	27	28
13	26	28	26	24	24
14	24	26	24	20	22
15	25	24	23	19	21
16	24	22	22	21	22
17	28	25	26	26	25
18	28	29	30	29	26
19	26	27	27	26	25
20	24	24	23	23	22
21	18	19	20	18	19
22	15	15	15	14	14
23	11	12	11	11	12

Otahuhu

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	1	2,591	1,882	1,757	1,771
1	0	2,089	1,748	1,704	1,694
2	0	1,883	1,741	1,704	1,696
3	0	1,885	1,739	1,720	1,696
4	0	1,885	1,735	1,731	1,724
5	144	1,859	1,824	2,020	2,223
6	736	2,475	2,446	2,568	2,671
7	1,221	2,748	2,729	2,620	2,691
8	1,756	2,746	2,740	2,620	2,595
9	1,745	2,656	2,709	2,606	2,566
10	1,743	2,698	2,610	2,607	2,589
11	1,771	2,734	2,486	2,679	2,585
12	1,875	2,704	2,510	2,583	2,589
13	2,364	2,610	2,574	2,248	2,587
14	2,609	2,596	2,448	2,187	2,574
15	2,530	2,596	2,238	2,321	2,561
16	2,444	2,599	2,528	2,488	2,599
17	2,578	2,688	2,601	2,624	2,603
18	2,251	2,666	2,604	2,475	2,585
19	2,476	2,729	2,684	2,459	2,333
20	2,627	2,764	2,722	2,652	2,472
21	2,705	2,768	2,666	2,647	2,561
22	2,663	2,559	2,437	2,581	1,925
23	2,605	2,347	2,307	2,515	1,869

Southdown

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	423	474	470	445	448
1	422	448	446	442	448
2	421	448	445	442	449
3	470	450	444	442	448
4	759	449	444	442	489
5	868	477	444	477	834
6	913	747	488	808	892
7	997	888	528	894	963
8	1,016	989	672	973	1,025
9	1,016	1,024	926	1,023	1,023
10	1,017	1,021	955	1,018	1,022
11	1,019	1,023	1,016	1,023	1,024
12	1,019	1,022	1,019	1,027	1,023
13	1,021	1,019	1,020	1,015	1,023
14	1,020	1,020	1,021	1,017	1,025
15	1,021	1,022	1,020	1,020	1,027
16	1,021	1,022	1,022	1,021	1,026
17	1,022	1,023	1,022	1,022	1,025
18	1,020	1,022	1,022	1,022	1,025
19	1,022	1,022	1,022	1,021	1,025
20	988	1,023	1,021	1,020	999
21	894	994	975	930	884
22	890	882	873	876	861
23	876	867	672	661	463

3.2 CENTRAL NORTH SYSTEM

Hamilton Temple View

Hour	22-Sep-14	23-Sep-14	24-Sep-14	25-Sep-14	26-Sep-14
0	115	138	109	92	116
1	107	128	105	92	103
2	106	125	101	95	101
3	98	123	85	95	102
4	99	122	92	104	111
5	147	168	129	145	148
6	245	271	212	244	249
7	311	341	267	296	315
8	278	272	205	234	268
9	254	219	177	200	203
10	223	201	159	183	180
11	221	190	163	169	159
12	201	180	152	150	153
13	192	169	144	152	147
14	178	169	136	139	143
15	174	167	128	145	139
16	198	193	150	165	151
17	240	235	178	204	172
18	305	279	222	244	203
19	328	290	228	254	228
20	306	262	223	237	209
21	270	231	194	197	184
22	206	170	154	157	158
23	154	122	117	127	122

Morrinsville DF

Hour	22-Sep-14	23-Sep-14	24-Sep-14	25-Sep-14	26-Sep-14
0	71	76	72	81	71
1	71	72	66	77	71
2	64	67	55	80	74
3	62	72	54	75	67
4	63	77	61	73	72
5	62	86	75	77	76
6	63	88	80	78	76
7	64	85	83	75	76
8	73	82	81	60	74
9	83	85	79	66	70
10	84	80	75	74	76
11	77	72	77	76	77
12	75	81	82	77	78
13	70	85	77	76	78
14	63	81	76	57	78
15	82	75	78	56	81
16	83	70	70	57	78
17	84	67	66	65	74
18	84	68	65	71	74
19	84	70	67	71	71
20	83	72	67	73	71
21	75	74	66	71	70
22	72	74	73	70	73
23	75	72	79	70	72

Tatuanui DF

Hour	22-Sep-14	23-Sep-14	24-Sep-14	25-Sep-14	26-Sep-14
0	43	52	46	48	46
1	41	46	42	49	54
2	43	53	38	44	52
3	54	51	42	49	49
4	54	47	35	50	44
5	52	37	24	45	41
6	51	37	29	46	42
7	53	43	29	47	48
8	55	52	30	54	49
9	55	51	27	54	54
10	46	48	25	52	47
11	46	48	30	47	46
12	41	48	28	38	43
13	33	46	28	43	45
14	31	38	20	48	45
15	28	27	22	43	37
16	38	42	24	36	24
17	46	49	24	38	20
18	50	42	30	36	39
19	48	41	25	36	45
20	50	43	43	47	41
21	47	42	45	48	43
22	48	39	43	49	50
23	53	42	42	47	47

Waitoa

Hour	22-Sep-14	23-Sep-14	24-Sep-14	25-Sep-14	26-Sep-14
0	12	68	61	70	56
1	15	67	61	68	49
2	16	64	65	69	45
3	15	59	62	69	40
4	15	44	55	57	34
5	31	40	49	45	31
6	38	37	38	40	30
7	31	39	37	41	34
8	31	38	34	33	26
9	35	33	33	29	21
10	33	37	36	35	21
11	26	43	36	40	15
12	21	43	38	43	15
13	18	41	42	43	20
14	19	41	36	42	22
15	29	42	42	44	31
16	47	40	45	49	45
17	53	48	46	53	50
18	54	58	52	57	57
19	55	60	60	64	56
20	53	58	60	64	57
21	60	57	64	64	59
22	67	63	68	61	62
23	73	61	71	66	60

Cambridge

Hour	22-Sep-14	23-Sep-14	24-Sep-14	25-Sep-14	26-Sep-14
0	97	105	98	92	84
1	93	100	80	91	71
2	80	91	81	87	82
3	67	107	89	89	84
4	64	108	95	90	92
5	83	109	98	101	97
6	114	110	113	122	116
7	103	121	119	121	123
8	116	113	110	93	108
9	106	108	104	81	111
10	89	97	103	82	106
11	91	100	108	77	103
12	88	100	103	76	86
13	103	98	89	66	85
14	99	85	74	77	93
15	96	91	89	85	99
16	98	99	87	82	105
17	70	97	101	98	94
18	90	98	101	97	98
19	101	100	101	97	102
20	107	99	90	100	110
21	108	97	92	97	112
22	104	86	93	93	109
23	109	74	93	87	101

Kiwitahi (Degussa)

Hour	22-Sep-14	23-Sep-14	24-Sep-14	25-Sep-14	26-Sep-14
0	28	28	29	29	28
1	30	28	28	28	28
2	33	31	28	28	29
3	29	29	25	26	27
4	28	28	28	28	28
5	29	29	25	28	31
6	30	30	28	25	28
7	29	28	27	29	26
8	28	30	28	28	27
9	28	32	27	30	33
10	28	30	30	31	32
11	28	28	28	32	31
12	34	29	31	32	30
13	33	31	33	30	35
14	28	29	33	30	32
15	30	32	32	30	29
16	30	34	34	35	33
17	28	31	31	32	32
18	28	30	32	30	31
19	31	29	32	29	30
20	29	28	28	28	28
21	32	28	29	28	28
22	32	28	31	28	28
23	30	28	28	27	30

Hamilton Te Kowhai

Hour	22-Sep-14	23-Sep-14	24-Sep-14	25-Sep-14	26-Sep-14
0	15	26	19	21	21
1	14	24	17	19	20
2	13	21	17	17	19
3	14	20	15	15	18
4	14	21	17	16	18
5	23	36	22	23	23
6	64	91	60	66	59
7	111	139	93	105	96
8	100	106	73	82	84
9	83	72	54	61	53
10	68	66	44	50	44
11	65	62	40	43	39
12	58	57	37	45	39
13	54	46	35	46	35
14	50	44	34	42	33
15	46	43	34	42	28
16	51	49	35	42	29
17	64	66	42	49	35
18	103	91	59	64	44
19	122	99	65	68	49
20	112	87	62	65	46
21	90	72	51	51	39
22	56	45	39	38	29
23	32	27	27	23	18

Te Rapa Cogen

Hour	22-Sep-14	23-Sep-14	24-Sep-14	25-Sep-14	26-Sep-14
0	602	612	604	608	598
1	596	620	602	608	608
2	592	632	594	600	624
3	600	634	592	612	624
4	606	610	588	618	628
5	602	588	604	598	624
6	596	610	620	608	624
7	588	608	614	604	616
8	604	608	590	600	620
9	596	590	548	600	602
10	586	584	552	590	594
11	580	592	558	600	588
12	572	582	538	594	578
13	570	554	540	592	570
14	578	564	540	596	568
15	570	560	544	606	584
16	588	564	556	574	574
17	592	572	564	568	586
18	590	600	572	576	596
19	598	604	560	590	606
20	620	596	576	600	602
21	616	598	592	590	616
22	616	590	596	596	608
23	612	596	620	598	612

3.3 CENTRAL SOUTH SYSTEM

New Plymouth

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	60	78	92	86	88
1	59	74	85	85	74
2	60	76	84	78	76
3	61	75	90	83	78
4	64	77	86	79	76
5	82	94	101	96	92
6	132	141	151	147	130
7	195	213	211	207	192
8	206	240	229	224	197
9	154	200	177	163	155
10	129	158	145	139	133
11	123	132	130	123	121
12	121	115	90	118	111
13	142	114	114	110	109
14	147	110	120	106	152
15	153	106	125	105	113
16	176	129	116	120	122
17	209	178	153	164	166
18	242	227	196	194	190
19	235	233	201	197	184
20	214	227	191	182	169
21	186	202	171	158	155
22	135	160	139	126	135
23	98	115	107	100	108

Pokuru Offtake

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	110	106	364	224	140
1	108	100	388	226	140
2	106	100	60	226	142
3	108	100	58	224	142
4	108	100	58	224	140
5	108	100	60	226	140
6	108	100	60	226	142
7	108	100	60	224	142
8	108	100	58	224	140
9	108	100	58	226	140
10	124	100	160	228	152
11	324	102	202	230	296
12	324	100	202	230	324
13	324	102	200	230	372
14	324	100	204	230	372
15	326	100	200	230	372
16	324	102	204	152	334
17	324	442	204	84	316
18	324	440	204	84	318
19	324	442	204	86	316
20	322	442	206	84	312
21	326	440	204	86	312
22	324	442	206	84	314
23	324	442	204	84	312

3.4 BAY OF PLENTY SYSTEM

Tokoroa

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	13	13	5	12	14
1	13	14	5	11	11
2	14	13	4	12	15
3	15	13	5	11	13
4	16	15	5	12	15
5	18	17	8	15	18
6	26	25	14	20	26
7	33	30	19	26	31
8	31	28	18	23	31
9	28	26	13	20	26
10	23	23	13	18	23
11	17	22	12	15	20
12	21	22	10	15	19
13	20	21	17	16	18
14	18	21	14	15	16
15	17	18	7	15	15
16	19	22	7	15	16
17	23	23	9	19	20
18	24	25	12	22	23
19	23	23	9	21	22
20	21	21	10	21	23
21	17	18	8	20	20
22	17	16	6	18	18
23	15	11	5	15	14

Lichfield DF

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	25	31	84	70	74
1	25	25	80	80	70
2	31	28	85	76	80
3	43	52	81	80	76
4	58	51	80	79	76
5	63	60	83	84	82
6	54	74	75	76	84
7	57	62	68	81	78
8	75	67	83	68	82
9	79	83	84	59	84
10	79	79	82	62	81
11	75	69	71	60	75
12	68	67	64	64	86
13	56	80	73	64	84
14	67	81	77	62	79
15	65	76	76	58	83
16	68	73	72	55	86
17	85	74	77	58	87
18	66	75	60	64	88
19	69	74	70	51	84
20	65	55	80	44	72
21	53	67	83	51	91
22	55	74	79	71	88
23	39	74	68	78	73

Edgecumbe DF

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	204	192	170	191	203
1	209	196	173	190	209
2	205	202	161	187	209
3	197	202	162	182	205
4	191	189	177	184	209
5	196	196	169	197	211
6	197	201	172	195	206
7	205	194	171	207	200
8	203	196	171	203	196
9	191	207	176	193	206
10	177	193	181	190	178
11	165	195	184	209	175
12	176	196	182	207	188
13	185	177	178	202	193
14	195	168	186	201	198
15	207	177	201	192	197
16	205	174	191	184	193
17	207	161	196	187	185
18	203	166	200	192	208
19	191	175	198	199	206
20	170	166	196	192	201
21	173	174	201	200	207
22	174	173	197	209	210
23	182	172	187	213	207

Reporoa

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	45	46	46	66	50
1	47	48	46	69	54
2	45	46	45	61	73
3	47	48	47	55	81
4	47	53	49	46	81
5	49	51	57	47	81
6	50	50	70	43	81
7	46	48	71	42	82
8	45	46	55	39	83
9	43	43	73	36	84
10	44	42	70	16	84
11	43	42	71	19	77
12	45	43	67	21	78
13	45	44	66	13	79
14	44	46	70	18	81
15	45	45	72	24	80
16	43	47	69	38	79
17	45	48	70	50	85
18	45	47	71	49	84
19	44	46	67	52	84
20	45	48	65	54	86
21	44	51	67	54	86
22	45	47	66	55	85
23	46	44	67	55	82

Whakatane

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	46	135	136	56	126
1	40	134	135	51	129
2	88	134	135	96	127
3	125	132	136	125	128
4	139	135	136	131	130
5	145	139	142	138	155
6	148	141	140	145	156
7	149	144	143	143	159
8	148	141	144	143	157
9	147	138	142	145	153
10	144	139	143	80	152
11	140	141	144	111	154
12	122	136	142	134	150
13	75	139	140	134	151
14	130	139	140	132	151
15	72	139	139	131	149
16	140	139	142	131	147
17	140	135	106	115	151
18	138	135	62	54	151
19	140	134	60	128	154
20	138	136	42	130	152
21	141	132	41	133	150
22	134	134	42	134	148
23	137	82	47	133	145

Tirau DF

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	21	21	22	8	25
1	21	15	22	3	27
2	21	4	22	4	26
3	22	5	22	4	30
4	22	24	25	4	17
5	22	18	29	5	22
6	27	31	46	19	32
7	31	41	52	38	51
8	51	43	65	67	69
9	55	44	64	75	75
10	56	44	53	76	77
11	40	52	65	72	77
12	57	44	77	53	78
13	52	33	84	60	74
14	34	48	70	51	77
15	27	37	60	54	72
16	20	34	29	48	63
17	16	38	23	44	51
18	16	30	18	56	50
19	21	31	9	57	38
20	22	39	5	43	36
21	21	35	4	29	17
22	21	26	2	26	26
23	21	22	2	26	31

Kinleith (CHH Mill)

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	320	690	540	588	679
1	358	781	573	455	723
2	337	534	630	624	726
3	375	320	727	687	602
4	353	284	802	700	458
5	391	289	577	661	564
6	470	255	421	637	637
7	410	216	423	618	653
8	432	209	413	588	584
9	421	354	491	618	515
10	393	282	489	651	401
11	403	281	528	585	449
12	403	331	507	599	511
13	413	276	544	565	516
14	430	298	506	570	506
15	436	288	588	582	478
16	453	231	807	521	484
17	443	282	866	504	451
18	437	321	891	476	457
19	432	349	992	448	446
20	431	310	954	476	440
21	453	294	1,062	460	445
22	518	433	1,045	510	412
23	550	498	802	667	467

Kawerau (Caxton)

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	19	23	24	20	25
1	23	23	25	19	25
2	23	22	24	22	24
3	23	23	24	24	24
4	23	23	25	23	25
5	23	24	24	23	25
6	22	24	23	24	25
7	22	24	24	24	26
8	21	24	25	24	24
9	22	24	25	23	25
10	25	25	25	23	25
11	23	25	26	25	25
12	24	25	25	23	25
13	24	25	25	25	23
14	21	25	25	25	22
15	25	24	25	23	24
16	24	23	24	24	26
17	23	22	25	25	21
18	22	22	15	25	26
19	25	22	11	25	24
20	26	23	12	23	24
21	24	24	11	23	25
22	23	24	13	24	25
23	22	24	27	23	25

Kawerau (Tasman)

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	70	73	72	73	73
1	71	73	72	72	73
2	72	73	73	72	73
3	71	73	72	72	73
4	72	72	72	72	73
5	72	73	72	71	74
6	71	73	72	72	74
7	64	74	73	72	75
8	62	71	76	57	75
9	67	46	78	50	75
10	54	74	78	50	74
11	72	74	77	71	75
12	70	73	77	71	74
13	69	73	76	71	74
14	63	72	76	71	75
15	67	72	76	72	75
16	71	71	76	72	75
17	71	72	76	72	77
18	71	72	76	73	77
19	72	72	76	72	76
20	72	72	74	73	76
21	72	73	74	73	75
22	73	72	73	74	76
23	73	73	74	73	76

Taupo

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	7	6	7	4	7
1	6	7	6	4	8
2	7	7	5	4	8
3	7	7	6	5	7
4	11	8	8	6	10
5	13	12	11	11	14
6	24	23	21	21	26
7	38	34	31	31	38
8	38	33	31	27	37
9	33	28	28	19	29
10	24	23	23	14	20
11	25	24	22	14	21
12	22	23	19	14	17
13	19	22	16	14	16
14	15	21	13	12	15
15	14	22	11	12	17
16	16	28	13	17	17
17	26	35	22	28	28
18	34	38	26	34	37
19	33	35	26	34	37
20	30	30	22	32	34
21	24	23	18	26	29
22	14	14	11	16	19
23	9	8	6	10	11

Tauranga

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	9	11	11	12	15
1	9	10	9	11	13
2	8	11	9	9	12
3	9	13	10	9	13
4	11	13	10	10	14
5	20	19	17	17	24
6	40	39	35	36	43
7	62	59	51	49	66
8	52	55	49	47	60
9	43	49	44	49	48
10	38	45	39	37	44
11	32	50	32	32	40
12	33	47	31	31	36
13	32	47	32	34	33
14	31	42	28	31	30
15	29	40	26	28	29
16	33	47	29	34	31
17	41	54	37	42	41
18	51	59	44	54	55
19	46	55	42	53	54
20	41	46	35	48	50
21	33	35	27	39	41
22	20	23	19	27	29
23	14	13	13	17	20

Gisborne

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	24	24	22	20	22
1	23	25	28	19	20
2	21	25	25	23	23
3	23	25	25	20	21
4	28	28	28	23	23
5	38	35	31	28	29
6	66	49	40	39	47
7	90	71	61	59	67
8	80	69	58	74	64
9	64	62	58	74	64
10	55	57	52	54	58
11	47	56	48	55	68
12	45	52	48	55	61
13	46	50	44	56	59
14	42	52	44	46	55
15	40	48	44	49	53
16	42	50	41	51	49
17	49	57	45	55	54
18	52	56	46	56	61
19	48	51	42	51	54
20	44	44	38	46	45
21	36	38	34	38	41
22	29	30	28	29	34
23	25	25	22	24	29

Mt Maunganui

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	34	53	68	75	58
1	54	51	78	69	56
2	62	55	74	79	64
3	70	57	78	77	58
4	71	59	81	80	61
5	75	78	106	90	76
6	94	96	113	96	86
7	107	102	118	101	109
8	97	106	122	96	101
9	109	106	115	83	83
10	112	110	112	74	79
11	110	112	114	77	76
12	107	107	100	68	70
13	100	96	92	77	65
14	84	90	88	84	65
15	82	83	83	74	57
16	80	89	85	82	49
17	84	97	91	81	58
18	81	100	92	84	61
19	84	101	87	81	64
20	81	90	83	80	64
21	74	80	84	73	65
22	64	74	82	63	47
23	57	69	69	59	37

Rotorua

Hour	18-Aug-14	19-Aug-14	20-Aug-14	21-Aug-14	22-Aug-14
0	33	31	30	26	28
1	31	30	29	26	27
2	30	30	29	25	28
3	32	31	29	26	32
4	36	32	29	28	34
5	54	50	46	46	52
6	95	83	79	74	86
7	130	115	104	95	121
8	116	102	99	80	110
9	95	90	90	68	89
10	85	83	78	62	76
11	88	84	76	59	72
12	83	83	67	56	67
13	69	85	62	56	64
14	61	83	53	47	58
15	54	80	54	44	56
16	63	85	57	52	60
17	80	101	72	69	81
18	92	104	76	78	97
19	87	94	72	81	96
20	79	83	65	76	90
21	61	67	55	65	80
22	47	49	39	45	59
23	35	35	31	33	43

3.5 SOUTH SYSTEM

Paraparaumu

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	9	11	9	9	9
1	9	9	8	8	7
2	9	8	8	8	7
3	9	9	9	9	7
4	12	12	11	12	10
5	20	22	17	22	21
6	34	35	33	37	34
7	48	55	51	51	50
8	52	60	50	54	52
9	42	52	43	45	40
10	31	45	39	34	29
11	33	40	35	33	23
12	34	37	29	24	19
13	33	34	26	23	19
14	34	36	22	20	15
15	33	35	21	17	17
16	40	46	26	22	22
17	53	54	43	36	36
18	59	57	50	45	45
19	56	53	47	44	44
20	50	47	44	41	40
21	42	38	35	33	35
22	26	24	21	24	24
23	16	13	14	12	14

Hawera

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	9	35	11	34	32
1	8	41	10	34	32
2	7	34	10	34	33
3	7	19	10	34	31
4	9	13	17	39	33
5	35	27	27	56	52
6	56	45	41	76	62
7	62	61	60	85	75
8	73	59	60	81	75
9	70	50	53	54	51
10	70	44	51	46	44
11	71	46	47	39	40
12	83	58	38	38	36
13	73	65	33	53	35
14	68	57	37	65	32
15	72	57	31	61	33
16	75	63	29	68	40
17	72	77	48	72	41
18	72	68	57	67	45
19	73	67	60	63	44
20	64	66	56	68	42
21	55	55	49	49	44
22	45	25	42	40	42
23	38	13	34	35	40

Wanganui

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	38	61	61	73	60
1	39	56	61	62	56
2	38	51	50	54	49
3	50	51	56	61	50
4	47	55	54	68	54
5	70	77	74	82	71
6	120	130	120	133	123
7	169	198	185	185	183
8	173	194	182	187	167
9	150	172	171	162	143
10	141	164	153	137	131
11	127	152	151	128	115
12	132	141	151	119	109
13	135	124	147	118	104
14	143	116	141	108	111
15	143	120	130	103	97
16	163	126	142	119	114
17	185	168	167	157	148
18	189	186	184	166	163
19	166	180	160	161	150
20	152	160	150	142	130
21	123	123	130	120	108
22	92	100	97	97	84
23	67	66	72	74	66

Okaiawa (Taranaki) by products

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	25	48	69	67	69
1	25	50	69	72	69
2	23	61	67	55	65
3	25	59	68	55	59
4	20	59	54	66	59
5	18	54	42	73	62
6	16	46	50	73	61
7	7	33	44	75	63
8	7	33	50	67	63
9	5	33	52	55	74
10	5	25	50	48	64
11	0	28	36	51	66
12	0	27	31	49	65
13	1	28	31	48	58
14	9	25	29	45	40
15	6	25	28	48	26
16	7	23	28	36	25
17	12	36	31	25	37
18	19	32	28	38	43
19	14	41	36	45	49
20	29	57	31	53	51
21	30	62	42	57	51
22	38	69	43	57	60
23	56	72	58	59	59

Marton

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	31	10	30	39	8
1	34	10	28	35	6
2	33	11	23	33	7
3	34	34	18	31	20
4	34	34	15	29	27
5	36	37	17	27	30
6	40	41	17	29	33
7	38	42	14	29	35
8	36	45	25	26	35
9	38	44	35	22	33
10	35	43	35	20	32
11	27	45	36	17	31
12	21	49	35	12	31
13	19	45	35	10	31
14	20	44	36	11	32
15	15	44	36	10	32
16	12	44	36	10	36
17	13	45	39	10	38
18	12	46	42	12	40
19	13	46	42	10	44
20	12	44	41	10	42
21	12	42	41	9	42
22	10	39	41	9	42
23	9	36	40	6	40

Palmerston North

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	69	87	81	81	76
1	64	80	75	74	73
2	64	81	72	76	70
3	71	85	76	78	72
4	88	97	87	90	81
5	117	141	124	128	120
6	212	249	225	235	221
7	292	353	319	333	309
8	276	342	307	314	295
9	241	295	257	277	251
10	229	260	227	250	216
11	224	245	224	210	183
12	208	238	208	185	168
13	200	241	202	179	158
14	208	222	193	158	136
15	211	216	184	157	134
16	239	244	194	165	146
17	272	290	232	216	194
18	282	299	250	243	217
19	265	279	240	234	211
20	238	244	218	210	194
21	200	206	187	177	172
22	143	149	135	130	140
23	101	96	94	94	105

Longburn

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	25	29	25	27	26
1	22	29	28	27	26
2	24	30	29	28	28
3	25	30	28	28	25
4	26	30	25	29	27
5	25	29	29	27	27
6	29	31	31	29	27
7	32	37	35	33	32
8	34	37	34	36	31
9	32	32	34	34	32
10	32	33	33	33	31
11	30	33	30	32	26
12	27	32	28	30	26
13	28	33	27	26	24
14	32	31	29	24	25
15	30	29	26	22	27
16	27	31	28	25	26
17	32	33	29	28	28
18	30	33	31	28	28
19	30	32	32	28	27
20	31	30	29	27	29
21	30	29	28	26	28
22	28	28	29	25	30
23	28	28	25	28	24

Levin

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	23	35	29	25	38
1	20	34	29	23	37
2	19	32	27	23	32
3	24	28	29	23	28
4	27	28	25	26	26
5	33	37	39	41	39
6	43	56	53	52	51
7	69	72	71	69	67
8	77	83	77	80	79
9	69	74	71	75	69
10	67	64	62	69	55
11	63	64	50	69	52
12	53	64	52	59	45
13	56	63	56	54	41
14	54	62	46	42	41
15	54	57	44	40	34
16	58	63	47	45	38
17	64	67	64	56	50
18	66	70	68	65	54
19	66	66	65	64	54
20	65	60	66	60	52
21	61	54	58	56	55
22	50	42	46	46	47
23	41	33	36	41	39

Belmont

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	89	127	111	117	103
1	78	114	101	107	93
2	80	111	98	108	81
3	96	125	110	126	88
4	100	134	121	128	111
5	163	199	180	180	167
6	339	379	349	361	339
7	478	524	468	489	475
8	420	490	432	461	453
9	368	433	370	366	356
10	344	405	348	301	288
11	338	395	344	252	252
12	324	375	334	236	225
13	325	368	330	197	242
14	315	348	300	188	224
15	311	347	287	172	219
16	360	393	333	237	255
17	433	447	399	321	347
18	476	482	430	373	397
19	452	457	416	368	375
20	413	401	368	341	342
21	345	334	325	295	298
22	236	230	222	202	225
23	152	147	157	134	158

Feilding

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	11	15	14	14	13
1	10	14	14	15	14
2	11	16	16	17	15
3	11	16	16	15	14
4	17	20	19	21	19
5	19	23	21	25	22
6	29	36	30	31	29
7	49	57	47	49	47
8	51	61	48	52	47
9	47	57	44	51	40
10	41	51	40	43	35
11	42	51	41	40	33
12	37	43	37	35	33
13	36	45	33	36	30
14	38	49	35	36	32
15	37	47	30	32	23
16	43	43	34	34	26
17	45	46	38	38	31
18	41	46	40	40	34
19	37	40	39	39	34
20	32	36	36	34	31
21	28	29	28	28	27
22	21	22	21	20	21
23	16	17	16	16	15

Hastings

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	130	229	273	240	255
1	117	225	259	203	271
2	118	224	272	213	252
3	120	243	246	226	246
4	148	283	244	231	237
5	162	288	262	259	259
6	200	326	292	307	301
7	256	407	366	384	346
8	279	385	373	400	343
9	253	358	372	360	325
10	269	321	388	340	327
11	275	324	379	337	301
12	256	305	369	331	279
13	265	343	351	296	285
14	259	355	342	282	271
15	265	375	338	263	272
16	268	358	339	290	302
17	247	382	326	282	283
18	234	386	321	298	288
19	227	361	299	296	277
20	226	355	297	288	283
21	216	331	256	265	262
22	188	324	232	249	239
23	225	289	219	250	230

Wellington (Tawa)

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	152	217	192	180	182
1	147	203	174	170	155
2	155	205	176	178	160
3	174	222	192	183	163
4	208	253	224	235	208
5	330	374	339	331	307
6	575	621	581	578	551
7	830	902	852	812	815
8	798	904	812	771	811
9	691	779	675	611	620
10	662	712	607	533	505
11	639	664	596	469	445
12	623	618	584	429	460
13	607	577	539	403	473
14	602	549	506	390	430
15	612	532	488	438	441
16	650	600	536	493	499
17	726	696	622	566	583
18	743	718	648	590	601
19	707	676	619	555	563
20	641	603	550	510	515
21	538	512	463	446	452
22	377	368	331	315	342
23	253	235	213	208	233

Waitangirua (Hutt Valley)

Hour	21-Jul-14	22-Jul-14	23-Jul-14	24-Jul-14	25-Jul-14
0	15	19	17	17	16
1	13	19	14	14	12
2	13	19	15	15	12
3	14	20	15	17	14
4	19	24	19	21	19
5	38	42	37	38	37
6	80	86	80	82	79
7	111	121	108	113	111
8	94	104	92	93	93
9	81	88	77	77	74
10	72	80	68	61	55
11	70	74	65	52	43
12	65	68	63	46	42
13	64	62	54	38	44
14	60	55	46	33	36
15	63	53	43	31	34
16	74	67	55	38	47
17	94	87	77	60	69
18	102	99	89	74	78
19	97	90	82	73	77
20	85	76	72	67	70
21	70	62	59	56	59
22	45	40	38	36	41
23	27	23	22	22	26

3.6 FRANKLEY ROAD SYSTEM

Frankley Road

Hour	17-Feb-14	18-Feb-14	19-Feb-14	20-Feb-14	21-Feb-14
0	2,592	2,604	1,955	2,772	2,374
1	2,688	2,487	1,884	2,727	2,307
2	2,709	2,540	1,860	2,710	2,283
3	2,712	2,456	1,815	2,721	2,282
4	2,808	2,499	1,295	2,724	2,291
5	2,777	2,436	1,374	2,739	2,184
6	2,705	2,421	1,743	2,344	2,045
7	2,256	2,549	2,248	2,242	2,089
8	2,538	2,640	2,351	2,239	2,107
9	2,629	2,606	2,481	2,277	2,369
10	2,758	2,668	2,204	2,577	2,604
11	3,308	2,233	2,062	2,757	2,734
12	3,520	1,855	2,300	2,686	2,898
13	3,603	1,782	2,209	2,562	2,981
14	3,203	1,634	981	2,506	2,898
15	3,130	1,418	819	2,554	2,571
16	3,113	1,562	1,541	2,723	2,552
17	3,032	1,812	2,382	2,863	2,778
18	2,665	1,600	2,523	2,782	2,828
19	2,304	888	2,538	2,811	2,877
20	2,524	1,336	2,937	2,834	2,890
21	2,616	1,384	3,054	2,800	2,897
22	2,611	1,935	2,849	2,724	2,888
23	2,601	2,024	2,815	2,477	2,872

Kaimiro DP

Hour	17-Feb-14	18-Feb-14	19-Feb-14	20-Feb-14	21-Feb-14
0	49	0	0	0	0
1	51	0	0	0	0
2	50	0	0	0	0
3	51	0	0	0	0
4	51	0	0	0	0
5	51	0	0	0	0
6	42	0	0	0	0
7	0	0	0	21	43
8	0	0	0	93	167
9	0	0	0	0	181
10	0	0	0	44	30
11	0	0	0	180	17
12	0	0	0	162	37
13	0	0	0	166	0
14	0	0	0	186	0
15	0	0	0	207	0
16	0	0	0	207	0
17	0	0	0	135	0
18	0	0	0	1	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0

Stratford 2

Hour	17-Feb-14	18-Feb-14	19-Feb-14	20-Feb-14	21-Feb-14
0	0	0	0	0	1
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	19	0	0
4	0	0	478	0	0
5	0	0	545	10	233
6	237	85	530	231	385
7	793	0	599	8	385
8	322	0	447	15	384
9	188	106	341	0	388
10	46	0	384	3	183
11	0	0	219	0	33
12	0	279	128	0	2
13	310	383	253	0	0
14	243	667	239	0	175
15	218	858	23	0	159
16	0	691	92	0	144
17	0	415	35	0	15
18	0	158	39	0	0
19	0	610	118	0	0
20	0	634	13	0	0
21	0	719	0	0	0
22	0	17	0	0	0
23	0	0	0	0	0

AUP

Hour	17-Feb-14	18-Feb-14	19-Feb-14	20-Feb-14	21-Feb-14
0	861	838	848	821	814
1	866	846	850	825	820
2	866	849	850	833	822
3	869	849	854	838	823
4	870	852	849	839	827
5	871	851	849	838	830
6	873	843	852	829	828
7	869	842	849	812	833
8	869	842	847	811	827
9	869	843	848	813	827
10	854	840	844	813	822
11	844	842	842	817	821
12	833	835	843	815	822
13	830	830	846	812	824
14	828	803	846	812	824
15	825	808	844	815	827
16	825	812	848	814	826
17	824	828	845	807	827
18	827	840	845	810	827
19	842	840	837	810	823
20	840	843	823	808	833
21	836	843	817	811	831
22	834	846	815	811	830
23	836	848	819	810	834

Kapuni Maui Bypass

Hour	17-Feb-14	18-Feb-14	19-Feb-14	20-Feb-14	21-Feb-14
0	586	584	583	656	865
1	586	571	583	656	866
2	586	555	584	641	866
3	586	535	584	628	866
4	585	526	584	650	866
5	585	527	584	657	847
6	585	526	584	657	800
7	586	527	584	657	800
8	585	526	583	656	762
9	585	526	582	493	316
10	585	614	582	329	270
11	585	670	582	296	312
12	584	670	297	295	336
13	583	588	221	295	336
14	584	582	224	295	336
15	584	582	224	295	336
16	584	582	223	211	336
17	584	582	223	150	428
18	585	583	223	234	455
19	585	584	282	460	402
20	585	583	295	584	402
21	585	583	493	598	402
22	585	583	655	738	402
23	585	583	655	946	402