



REGULATORY DISCLOSURE

Gas transmission services: Peak flow disclosure

Year ended 30 September 2022



Introduction

First Gas Limited (Firstgas) owns and operates 2,500 kilometres of gas transmission pipelines. These pipelines transport around 20 percent of New Zealand's primary energy supply from Taranaki across the North Island. Firstgas also owns and operates more than 4,900 kilometres of gas distribution pipelines that service approximately 66,000 consumers across the regions of Northland, Waikato, Central Plateau, Bay of Plenty, Gisborne and Kāpiti Coast.

Firstgas is part of the wider Firstgas Group. Headquartered in New Plymouth, Firstgas Group is an umbrella brand consisting of Rockgas, Firstgas, Flexgas and Gas Services NZ. Firstgas and Rockgas deliver natural gas and supply LPG respectively to over 500,000 customers through their network of high-pressure gas transmission pipelines and distribution pipelines in the North Island, as well as through LPG distribution pipelines in the South Island, 36 local LPG suppliers, and over 180 Refill & Save locations across New Zealand.

Flexgas operates the Ahuroa gas storage facility in Central Taranaki. Gas Services NZ provides operational and maintenance support to all gas infrastructure owners, including other parts of Firstgas Group.

Compliance statement

This document is a regulatory disclosure prepared pursuant to section 2.5.2 of the *Gas Transmission Information Disclosure Determination 2012* consolidating all amendments as of 3 April 2018 issued by the Commerce Commission. The regulatory disclosure covers the Firstgas gas transmission business (both the Maui and Non-Maui transmission systems) for the 12-month period ending 30 September 2022.

This regulatory disclosure was prepared on 29 November 2022.

Further information

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Disclaimer

For presentation purposes, some numbers in the regulatory disclosure have been rounded. This may cause small discrepancies or rounding inconsistencies when aggregating some of the information presented in the document. These discrepancies do not affect the overall calculations which are based on the more detailed information.

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1. Peak flow information

1.1 North System

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput (GJ)	Period Ending	Throughput (GJ)
Rotowaro Net Flow North (Total Rotowaro Flow minus CEN Flow)		24-Jun-22	298,216		
	Bruce McLaren	24-Jun-22	7,342	09-Sep-22	7,540
	Drury	24-Jun-22	5,523	24-Jun-22	5,523
	Flat Bush	24-Jun-22	5,781	05-Aug-22	7,784
	Glenbrook	24-Jun-22	27,145	27-May-22	34,105
	Harrisville 2	24-Jun-22	9,397	24-Jun-22	9,397
	Henderson	24-Jun-22	8,986	12-Aug-22	15,478
	Hunua (total)	24-Jun-22	4,076	01-Jul-22	4,603
	Maungaturoto DF	24-Jun-22	5,492	15-Oct-21	9,699
	Papakura	24-Jun-22	47,233	11-Feb-22	66,525
	Tuakau 2	24-Jun-22	4,877	15-Oct-21	10,902
	Waikumete	24-Jun-22	30,051	24-Jun-22	30,051
	Waitoki	24-Jun-22	4,077	02-Sep-22	4,901
	Warkworth	24-Jun-22	5,260	05-Aug-22	6,105
	Westfield	24-Jun-22	126,846	08-Oct-21	132,954
	Whangarei	24-Jun-22	2,862	24-Jun-22	2,862

Note:

1. The North system peak flow period was identified as the period ending 24 June 2022.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday to Friday inclusive). This is for both the system peak flow period and the offtake peak flow period.
3. Only offtake points that had a total throughput of 2,000 Gigajoules or more during the North system peak flow period have been reported. Hence Kauri and Marsden have both been excluded.

1.2 Central North System

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput (GJ)	Period Ending	Throughput (GJ)
Rotowaro Net Flow South (Total Rotowaro Flow minus North Flow)		12-Aug-22	153,584		
	Cambridge	12-Aug-22	8,134	16-Sep-22	10,575
	Hamilton Te Kowhai	12-Aug-22	12,598	22-Jul-22	13,703
	Hamilton Temple View	12-Aug-22	19,820	05-Aug-22	20,917
	Horotiu	12-Aug-22	4,789	14-Jan-22	7,273
	Kiwitahi (Peroxide)	12-Aug-22	3,847	08-Jul-22	4,810
	Tatuanui DF	12-Aug-22	6,828	23-Sep-22	7,028
	Te Rapa Cogen	12-Aug-22	69,156	29-Apr-22	80,420
	Waitoa	12-Aug-22	7,370	22-Jul-22	8,089

Note:

1. The Central North system peak flow period was identified as the period ending 12 August 2022.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday to Friday inclusive). This is for both the system peak flow period and the offtake peak flow period.
3. Only offtake points that had a total throughput of 2,000 Gigajoules or more during the Central North system peak flow period have been reported. Hence Morrinsville and Morrinsville DF have been excluded.

1.3 Central South System

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput (GJ)	Period Ending	Throughput (GJ)
Kapuni		28-Jan-22	85,253		
	New Plymouth	28-Jan-22	7,998	24-Jun-22	17,004
	Pokuru Offtake	28-Jan-22	41,892	28-Jan-22	41,892
	Eltham	28-Jan-22	2,499	01-Jul-22	2,962

Note:

1. The Central South system peak flow period (taking into account throughput at Pokuru Offtake) was identified as the period ending 24 January 2022.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday to Friday inclusive). This is for both the system peak flow period and the offtake peak flow period.
3. Only offtake points that had a total throughput of 2,000 Gigajoules or more during the Central South system peak flow period have been reported. Hence Waitara, Inglewood and Stratford have been excluded.

1.4 Bay of Plenty System

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput (GJ)	Period Ending	Throughput (GJ)
Pokuru		23-Sep-22	10,728		
Pokuru 2		23-Sep-22	167,112		
	Edgecumbe DF	23-Sep-22	19,681	09-Sep-22	20,111
	Gisborne	23-Sep-22	3,208	08-Apr-22	9,053
	Kawerau (Pulp & Paper)	23-Sep-22	8,790	13-May-22	9,342
	Kinleith (Pulp & Paper)	23-Sep-22	59,161	23-Sep-22	59,161
	Lichfield 2	23-Sep-22	16,892	16-Sep-22	18,732
	Lichfield DF	23-Sep-22	9,340	09-Sep-22	10,096
	Mt Maunganui	23-Sep-22	8,731	24-Jun-22	11,447
	Pyes Pa	23-Sep-22	3,172	01-Jul-22	3,413
	Reporoa	23-Sep-22	9,178	05-Nov-21	10,731
	Rotorua	23-Sep-22	5,725	24-Jun-22	7,782
	Taupo	23-Sep-22	2,077	22-Jul-22	3,071
	Tauranga	23-Sep-22	2,599	24-Jun-22	3,574
	Tirau DF	23-Sep-22	3,731	31-Dec-21	6,566
	Whakatane	23-Sep-22	14,716	01-Jul-22	16,929

Note:

1. The Bay of Plenty system peak flow period was identified as the period ending 23 September 2022.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday to Friday inclusive). This is for both the system peak flow period and the offtake peak flow period.
3. Only offtake points that had a total throughput of 2,000 Gigajoules or more during the Bay of Plenty system peak flow period have been reported.

1.5 South System

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput (GJ)	Period Ending	Throughput (GJ)
Kapuni (South)		12-Aug-22	197,413		
Rimu Production Station		12-Aug-22	3,204		
	Belmont	12-Aug-22	31,234	12-Aug-22	31,234
	Feilding	12-Aug-22	4,438	12-Aug-22	4,438
	Hastings (total)	12-Aug-22	32,313	08-Apr-22	43,252
	Hawera (total)	12-Aug-22	5,345	04-Mar-22	5,921
	Levin	12-Aug-22	5,022	22-Jul-22	5,134
	Longburn	12-Aug-22	3,276	08-Oct-21	4,313
	Marton	12-Aug-22	2,896	09-Sep-22	3,203
	Pahiatua DF	12-Aug-22	11,251	15-Oct-21	16,548
	Palmerston North	12-Aug-22	18,122	24-Jun-22	18,622
	Paraparaumu	12-Aug-22	2,207	24-Jun-22	2,212
	Pauatahanui	12-Aug-22	2,559	12-Aug-22	2,559
	Takapau	12-Aug-22	2,100	15-Jul-22	2,230
	Waikanae	12-Aug-22	2,479	12-Aug-22	2,479
	Waitangirua (Hutt Valley)	12-Aug-22	7,787	12-Aug-22	7,787
	Whanganui	12-Aug-22	16,092	15-Oct-21	18,488
	Wellington (total)	12-Aug-22	60,672	12-Aug-22	60,672

Note:

1. The South system peak flow period was identified as the period ending 12 August 2022.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday to Friday inclusive). This is for both the system peak flow period and the offtake peak flow period.
3. Only offtake points that had a total throughput of 2,000 Gigajoules or more during the South system peak flow period have been reported.

1.6 Frankley Road System

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput (GJ)	Period Ending	Throughput (GJ)
Kupe Production Station		22-Jul-22	305,120		
Kaimiro		22-Jul-22	10,354		
Frankley Road		22-Jul-22	321,912		
	Taranaki Combined Cycle	22-Jul-22	189,978	15-Jul-22	216,499
	Stratford 3 Delivery	22-Jul-22	261,964	05-Aug-22	290,576
	Stratford 2	22-Jul-22	4,362	14-Jan-22	65,127
	AUP	22-Jul-22	104,788	24-Jun-22	105,994
	Kapuni GTP	22-Jul-22	79,070	26-Nov-21	262,572

Note:

1. The Frankley Road system peak flow period, including throughput for Taranaki Combined Cycle, Stratford 2 and Stratford 3 was identified as the period ending 22 July 2022.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday to Friday inclusive). This is for both the system peak flow period and the offtake peak flow period.
3. Only offtake points that had a total throughput of 2,000 Gigajoules or more during the Frankley Road system peak flow period have been reported.
4. The Norfolk (Sidewinder), Cardiff (Cheal) and Stratford 3 Receipt Points have been excluded as the throughput at each was less than 2,000 Gigajoules during the Frankley Road system peak flow period.

1.7 Maui System

INTAKE POINTS	OFFTAKE POINTS >2000 GIGAJOULES DURING PEAK FLOW PERIOD	SYSTEM PEAK FLOW		OFFTAKE PEAK FLOW	
		Period Ending	Throughput (GJ)	Period Ending	Throughput (GJ)
Oaonui		08-Oct-21	534,592		
Tikorangi 1		08-Oct-21	-		
Tikorangi 2		08-Oct-21	104,892		
Tikorangi 3		08-Oct-21	484,056		
Kowhai		08-Oct-21	22,084		
Ngatimaru Road		08-Oct-21	298,284		
Turangi		08-Oct-21	303,032		
Frankley Road		08-Oct-21	41,704		
	Bertrand Road	08-Oct-21	221,626	11-Feb-22	280,128
	Frankley Road	08-Oct-21	53,576	22-Jul-22	321,912
	Huntly Power Station	08-Oct-21	267,728	12-Aug-22	415,112
	Mangorei	08-Oct-21	22,612	13-May-22	92,224
	Ngatimaru Road	08-Oct-21	671,488	31-Dec-21	699,648
	Pirongia	08-Oct-21	9,095	08-Jul-22	14,421
	Pokuru	08-Oct-21	164,492	23-Sep-22	167,112
	Rotowaro	08-Oct-21	404,000	12-Aug-22	456,736
	Te Kuiti South	08-Oct-21	2,719	22-Oct-21	3,971

Note:

1. The Maui system peak flow period was identified as the period ending 08 October 2021.
2. Consistent with the Asset Management Plan, the duration of the peak flow period is 5 days (Monday to Friday inclusive). This is for both the system peak flow period and the offtake peak flow period.
3. Only offtake points that had a total throughput of 2,000 Gigajoules or more during the Maui system peak flow period have been reported.

2. 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, for all offtake points with a total throughput of 2,000 Gigajoules or more during their sub-system peak flow period.

2.1 North System

Harrisville 2

Hour	20-Jun-22	21-Jun-22	22-Jun-22	23-Jun-22	24-Jun-22
0	20	86	78	76	71
1	38	80	91	73	73
2	54	96	96	77	80
3	82	97	106	93	78
4	74	117	105	105	95
5	79	109	118	110	91
6	122	133	114	107	91
7	116	124	141	134	108
8	118	127	106	103	112
9	110	99	80	82	90
10	112	103	103	102	86
11	110	108	114	99	99
12	109	103	108	94	100
13	100	89	104	83	92
14	107	95	104	82	91
15	100	80	69	67	92
16	83	77	55	57	45
17	63	27	33	23	16
18	64	37	33	25	17
19	42	39	32	30	13
20	37	52	53	30	15
21	50	72	54	33	11
22	61	64	68	35	15
23	69	59	68	55	20

Drury

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	45	61	61	59	61
1	46	63	64	56	61
2	43	66	65	59	61
3	52	66	65	66	63
4	56	67	65	64	65
5	60	68	69	67	64
6	60	70	73	68	58
7	58	69	70	69	59
8	43	52	54	54	48
9	40	38	35	35	39
10	36	32	32	34	39
11	31	33	32	36	39
12	36	36	35	36	38
13	37	36	36	37	35
14	37	36	36	35	37
15	38	38	39	40	39
16	42	33	36	35	35
17	24	22	21	19	15
18	23	25	26	30	14
19	49	29	28	26	12
20	58	55	42	32	19
21	60	60	55	58	16
22	61	62	57	58	21
23	62	64	57	57	19

Hunua

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	17	20	23	27	12
1	16	22	25	25	13
2	15	27	24	24	12
3	17	26	24	24	11
4	18	25	22	22	11
5	21	25	21	23	10
6	28	23	49	53	8
7	23	26	49	54	36
8	27	29	51	54	36
9	24	27	48	57	40
10	25	26	52	52	35
11	25	27	52	52	38
12	29	27	53	51	35
13	25	26	54	52	37
14	25	24	56	50	37
15	29	29	53	58	34
16	28	30	55	60	37
17	54	57	56	60	34
18	57	60	59	52	36
19	59	62	60	53	34
20	50	47	56	45	38
21	25	27	26	15	35
22	24	31	29	14	6
23	24	25	26	13	6

Flat Bush

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	18	43	39	42	15
1	18	34	36	41	18
2	18	40	39	35	22
3	18	41	36	36	19
4	22	47	47	36	17
5	39	50	58	48	13
6	41	64	73	71	24
7	58	88	88	77	21
8	47	83	80	77	19
9	46	83	83	76	20
10	59	82	84	80	20
11	57	78	82	75	20
12	58	76	62	65	21
13	55	77	64	68	21
14	50	76	72	65	21
15	46	78	74	62	20
16	46	74	72	61	19
17	43	72	71	52	10
18	45	75	72	54	13
19	37	77	70	54	16
20	37	67	69	46	16
21	41	54	61	43	14
22	38	40	44	29	14
23	32	40	45	27	16

Bruce McLaren

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	31	42	40	41	34
1	28	43	44	39	36
2	27	45	50	41	35
3	31	47	45	44	34
4	35	47	50	51	35
5	46	56	56	57	35
6	60	69	68	70	45
7	76	86	87	91	48
8	78	89	94	100	49
9	79	87	89	93	55
10	81	79	82	84	57
11	81	82	80	81	60
12	76	81	80	78	62
13	72	79	77	71	60
14	70	73	71	66	56
15	65	68	62	62	55
16	68	70	61	62	56
17	75	74	69	65	57
18	76	79	75	65	61
19	75	78	77	63	57
20	70	74	69	61	46
21	63	66	61	56	40
22	55	58	56	48	34
23	45	47	47	40	31

Waitoki

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	8	11	11	14	12
1	3	8	13	18	8
2	4	6	8	8	7
3	5	6	7	7	5
4	5	6	8	9	5
5	13	15	16	15	7
6	31	35	37	37	12
7	46	55	57	56	23
8	50	66	71	58	35
9	53	56	44	56	43
10	45	36	37	51	41
11	31	33	39	39	36
12	33	30	30	30	31
13	32	29	30	36	27
14	30	33	27	24	27
15	32	24	40	24	29
16	41	30	43	31	34
17	58	51	51	49	45
18	71	69	69	59	50
19	69	67	69	59	46
20	72	61	73	49	39
21	61	61	62	40	32
22	44	45	45	29	22
23	17	29	19	17	14

Glenbrook

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	100	243	201	321	235
1	143	176	205	282	233
2	146	215	204	329	185
3	121	265	202	302	228
4	117	197	191	293	193
5	120	215	204	303	183
6	120	262	202	250	213
7	234	287	207	207	235
8	251	264	235	203	203
9	255	246	215	197	175
10	221	252	229	200	141
11	264	280	309	205	116
12	300	313	354	234	134
13	279	268	320	235	146
14	299	244	255	225	135
15	325	240	283	214	135
16	258	238	251	220	125
17	234	219	275	274	132
18	227	214	284	260	225
19	233	202	350	235	199
20	262	211	318	251	135
21	334	204	325	193	139
22	270	194	298	180	134
23	229	207	308	188	142

Westfield

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	681	854	806	780	472
1	468	777	780	639	440
2	423	723	870	658	429
3	473	844	841	719	461
4	524	833	958	730	474
5	715	836	1,105	868	482
6	1,104	1,359	1,323	1,201	626
7	1,357	1,561	1,598	1,519	759
8	1,380	1,588	1,690	1,465	882
9	1,319	1,416	1,480	1,336	1,031
10	1,292	1,376	1,349	1,297	1,007
11	1,249	1,264	1,328	1,302	975
12	1,236	1,260	1,261	1,211	900
13	1,203	1,119	1,226	1,155	828
14	1,119	1,097	1,106	1,001	781
15	1,095	1,076	1,112	985	778
16	1,242	1,190	1,188	1,025	855
17	1,427	1,453	1,349	1,198	980
18	1,541	1,603	1,498	1,283	1,026
19	1,452	1,535	1,542	1,216	957
20	1,394	1,454	1,451	1,075	874
21	1,233	1,321	1,279	963	773
22	991	1,168	1,083	815	773
23	832	1,023	910	620	613

Warkworth

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	5	47	83	78	14
1	14	57	91	69	18
2	20	75	95	79	48
3	18	87	98	78	45
4	27	98	100	86	56
5	43	85	94	90	41
6	55	85	92	84	41
7	39	81	98	57	23
8	45	69	82	56	26
9	40	50	49	31	26
10	38	39	62	59	28
11	41	50	69	63	37
12	40	63	70	54	52
13	44	70	70	64	38
14	41	62	66	49	37
15	28	44	26	32	25
16	26	25	18	19	18
17	32	27	19	20	28
18	13	18	18	7	10
19	11	18	18	5	6
20	16	19	18	9	10
21	16	30	25	10	8
22	13	31	46	9	10
23	34	68	67	8	28

Tuakau

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	17	22	27	20	18
1	18	18	21	16	20
2	18	19	25	19	18
3	18	20	22	15	19
4	15	21	22	19	18
5	37	44	40	25	15
6	56	69	63	45	15
7	70	74	65	42	16
8	66	60	66	41	17
9	70	72	62	34	15
10	69	68	59	34	19
11	72	74	66	36	10
12	63	73	70	31	13
13	75	71	62	32	47
14	73	71	64	18	49
15	75	81	64	35	55
16	71	73	60	13	52
17	48	50	49	75	53
18	43	32	52	12	53
19	34	29	33	17	58
20	21	29	21	57	65
21	20	27	22	60	57
22	22	28	25	12	64
23	18	23	19	17	73

Papakura

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	351	411	407	394	372
1	346	406	399	378	368
2	341	403	397	373	367
3	339	405	391	370	366
4	339	404	388	369	363
5	350	404	390	374	363
6	388	422	405	388	369
7	413	445	429	416	367
8	416	454	435	427	367
9	417	446	427	424	366
10	419	434	414	408	366
11	415	423	411	394	367
12	412	415	405	379	366
13	410	412	402	375	365
14	405	411	403	373	362
15	402	409	403	368	360
16	401	405	402	368	361
17	412	405	401	368	361
18	428	416	403	370	360
19	428	420	409	373	360
20	427	420	409	375	362
21	426	423	410	376	364
22	423	416	406	377	364
23	417	412	402	376	363

Henderson

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	15	21	20	20	11
1	11	19	18	16	7
2	9	19	18	13	0
3	9	19	17	16	0
4	10	19	18	16	0
5	14	20	19	19	1
6	21	39	56	39	9
7	124	187	205	193	17
8	170	205	246	235	22
9	132	177	178	201	26
10	112	121	153	140	46
11	90	105	127	125	39
12	63	87	105	111	26
13	60	77	95	61	23
14	63	46	64	26	23
15	72	55	56	21	22
16	102	84	89	21	23
17	171	169	135	46	23
18	222	242	217	101	55
19	221	235	208	95	43
20	177	191	182	60	27
21	133	135	126	31	23
22	49	49	51	22	21
23	24	22	22	18	15

Whangarei

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	9	9	12	12	14
1	8	9	11	11	13
2	10	10	11	12	14
3	10	10	10	11	11
4	13	13	14	16	11
5	17	19	20	18	11
6	24	28	32	29	18
7	30	37	42	37	21
8	31	36	42	37	26
9	32	40	40	39	27
10	33	40	37	38	27
11	36	39	36	36	25
12	37	33	33	35	23
13	37	38	34	34	21
14	33	35	32	30	24
15	29	28	33	25	24
16	27	29	28	27	25
17	29	30	28	28	25
18	27	31	30	29	23
19	22	27	28	26	21
20	21	25	24	23	19
21	16	21	19	21	14
22	13	15	16	17	11
23	10	13	13	16	10

Maungaturoto DF

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	45	55	38	42	56
1	41	58	42	41	61
2	42	44	36	45	71
3	36	43	38	46	62
4	30	44	42	51	58
5	33	41	49	47	55
6	46	38	58	63	42
7	63	37	54	58	41
8	68	39	45	54	38
9	57	38	39	53	39
10	54	38	40	47	34
11	57	40	37	48	31
12	56	43	37	47	32
13	61	40	39	46	32
14	65	39	36	44	28
15	67	42	30	55	31
16	66	41	30	56	39
17	67	41	31	47	41
18	66	42	29	50	40
19	63	31	39	49	43
20	65	31	36	55	44
21	64	30	37	55	45
22	62	41	36	58	42
23	57	41	39	55	36

Waikumete

Hour	20-Jun-2022	21-Jun-2022	22-Jun-2022	23-Jun-2022	24-Jun-2022
0	156	185	183	179	152
1	150	175	174	167	137
2	146	172	171	160	135
3	145	171	170	164	130
4	151	176	176	171	131
5	172	199	198	197	138
6	243	273	281	272	168
7	320	352	355	349	204
8	330	355	365	360	240
9	311	328	333	336	268
10	300	306	311	307	273
11	289	296	301	298	268
12	280	283	289	280	259
13	273	274	277	267	242
14	273	262	264	246	230
15	276	265	265	235	227
16	289	277	280	246	237
17	322	318	314	280	261
18	342	346	341	296	274
19	335	341	335	288	264
20	313	320	318	273	248
21	285	289	285	249	223
22	240	245	243	210	189
23	205	206	205	175	159

2.2 Central North System

Hamilton Temple View

Hour	08-Aug-22	09-Aug-22	10-Aug-22	11-Aug-22	12-Aug-22
0	74	82	86	84	97
1	77	66	86	79	86
2	75	63	78	73	87
3	71	63	83	76	80
4	89	77	100	80	97
5	129	111	132	127	126
6	203	180	208	210	207
7	267	236	281	288	295
8	263	223	258	274	279
9	227	192	238	237	251
10	214	187	215	199	211
11	198	177	179	189	189
12	166	169	167	163	182
13	156	161	164	146	161
14	141	145	137	130	158
15	132	134	134	129	146
16	163	165	146	140	159
17	208	220	197	196	213
18	230	247	233	255	245
19	223	233	232	256	239
20	199	206	214	237	216
21	171	177	179	201	185
22	124	132	132	157	147
23	104	93	95	115	108

Tatuanui DF

Hour	08-Aug-22	09-Aug-22	10-Aug-22	11-Aug-22	12-Aug-22
0	48	59	61	61	48
1	61	59	65	59	51
2	66	62	61	63	53
3	67	54	62	63	61
4	68	48	61	63	65
5	69	49	61	48	67
6	71	50	62	53	64
7	70	54	59	49	62
8	74	58	64	50	68
9	74	57	64	48	67
10	74	61	62	51	59
11	63	56	57	48	58
12	60	58	57	52	58
13	51	60	52	55	58
14	50	56	42	60	49
15	52	63	37	65	48
16	53	61	48	63	51
17	52	59	53	58	49
18	55	48	59	58	51
19	56	42	57	57	56
20	63	52	53	52	52
21	63	56	50	45	52
22	62	54	51	46	55
23	63	56	55	42	45

Waitoa

Hour	08-Aug-22	09-Aug-22	10-Aug-22	11-Aug-22	12-Aug-22
0	46	69	62	61	61
1	44	64	64	63	62
2	43	62	64	62	58
3	49	66	67	66	63
4	56	69	67	72	72
5	56	66	65	69	67
6	56	70	64	68	56
7	57	71	67	66	49
8	49	70	63	63	54
9	53	66	61	73	58
10	51	69	61	68	61
11	49	68	60	64	66
12	52	67	61	63	65
13	56	69	63	62	61
14	54	66	60	59	59
15	59	64	57	58	58
16	62	64	54	59	56
17	64	63	57	60	59
18	64	60	58	62	61
19	63	57	55	59	56
20	61	53	55	58	55
21	66	58	59	63	63
22	70	63	62	66	68
23	71	65	64	65	64

Cambridge

Hour	08-Aug-22	09-Aug-22	10-Aug-22	11-Aug-22	12-Aug-22
0	42	51	55	51	60
1	50	50	67	45	63
2	48	46	65	48	65
3	48	55	70	49	67
4	53	65	72	69	56
5	60	72	74	72	61
6	69	77	88	89	79
7	81	93	104	98	88
8	67	79	88	89	87
9	82	71	82	84	80
10	78	68	73	74	72
11	63	76	71	71	70
12	61	64	66	63	61
13	53	54	65	60	62
14	48	52	50	63	78
15	56	60	53	56	74
16	59	58	53	58	78
17	70	72	61	71	88
18	79	78	68	97	91
19	65	73	70	94	83
20	68	76	60	90	82
21	60	65	75	84	80
22	32	52	64	75	84
23	33	47	63	62	80

Kiwitahi (Degussa)

Hour	08-Aug-22	09-Aug-22	10-Aug-22	11-Aug-22	12-Aug-22
0	5	23	40	38	37
1	5	27	41	37	38
2	6	23	41	36	38
3	8	22	39	37	39
4	9	25	38	38	38
5	9	27	40	39	38
6	11	26	38	39	38
7	10	27	38	40	40
8	10	27	38	41	40
9	16	29	36	40	39
10	29	30	37	39	38
11	33	31	38	39	37
12	32	33	38	39	40
13	29	35	38	39	40
14	29	36	38	40	39
15	11	37	38	39	38
16	0	38	39	39	39
17	0	40	38	39	40
18	0	40	39	37	38
19	1	39	38	36	38
20	6	40	41	37	38
21	8	40	40	36	40
22	8	39	40	38	40
23	12	39	39	38	39

Hamilton Te Kowhai

Hour	08-Aug-22	09-Aug-22	10-Aug-22	11-Aug-22	12-Aug-22
0	43	57	54	65	69
1	38	54	56	58	65
2	34	52	50	56	63
3	43	57	46	58	65
4	47	59	60	66	72
5	72	76	82	83	92
6	121	121	125	137	137
7	161	158	167	187	191
8	156	155	163	174	187
9	140	130	140	147	157
10	127	120	127	126	130
11	119	114	111	118	116
12	107	106	107	107	108
13	92	100	98	101	97
14	88	89	88	88	92
15	91	94	88	90	94
16	108	107	97	99	101
17	127	131	123	129	128
18	146	149	149	155	145
19	141	144	147	154	142
20	123	127	137	141	130
21	102	109	117	123	112
22	81	82	91	93	87
23	59	64	75	76	69

Te Rapa Cogen

Hour	08-Aug-22	09-Aug-22	10-Aug-22	11-Aug-22	12-Aug-22
0	583	601	590	578	565
1	599	591	597	572	555
2	605	594	594	574	559
3	601	586	594	569	563
4	605	596	585	568	555
5	602	597	582	568	552
6	596	595	594	569	574
7	591	597	606	569	587
8	574	601	602	563	566
9	572	600	604	567	558
10	575	603	600	563	554
11	574	593	593	548	547
12	583	591	587	537	546
13	574	571	587	536	563
14	566	568	586	536	553
15	578	566	598	562	545
16	569	554	602	586	540
17	556	553	580	588	545
18	567	554	565	581	549
19	589	547	572	588	562
20	587	549	579	598	570
21	597	557	572	616	555
22	601	551	577	617	551
23	601	559	564	603	557

Horotiu

Hour	08-Aug-22	09-Aug-22	10-Aug-22	11-Aug-22	12-Aug-22
0	53	21	35	60	39
1	61	13	54	49	34
2	59	22	53	54	23
3	25	18	46	50	42
4	12	2	34	40	41
5	6	2	16	41	41
6	8	8	31	49	46
7	9	5	24	39	41
8	7	4	43	44	46
9	27	27	44	41	43
10	45	38	44	18	41
11	43	42	47	19	42
12	47	21	42	24	20
13	45	18	44	41	18
14	61	31	57	56	32
15	64	34	61	62	41
16	65	45	66	66	61
17	71	48	72	69	72
18	67	41	68	40	69
19	63	36	49	33	56
20	62	29	43	30	51
21	31	33	37	33	50
22	39	38	40	33	35
23	32	42	57	48	36

2.3 Central South System

New Plymouth

Hour	24-Jan-22	25-Jan-22	26-Jan-22	27-Jan-22	28-Jan-22
0	32	43	43	49	46
1	33	44	49	55	54
2	29	45	48	55	48
3	33	47	46	50	51
4	35	46	51	60	55
5	44	52	51	51	54
6	53	67	63	74	72
7	73	88	86	94	102
8	71	78	84	87	96
9	75	90	85	83	89
10	70	86	84	82	84
11	70	77	84	82	80
12	66	76	80	83	80
13	66	78	80	79	81
14	60	69	77	68	70
15	60	66	67	64	70
16	66	63	70	65	74
17	71	70	73	72	77
18	78	81	86	81	83
19	79	78	87	84	83
20	68	66	76	78	72
21	62	60	66	74	66
22	55	55	62	63	56
23	49	45	55	52	52

Pokuru Offtake

Hour	24-Jan-22	25-Jan-22	26-Jan-22	27-Jan-22	28-Jan-22
0	0	0	0	4	880
1	0	0	0	4	864
2	0	0	0	4	860
3	0	0	0	4	876
4	0	0	0	4	888
5	0	0	0	0	908
6	0	0	0	4	964
7	0	0	0	4	1016
8	0	0	0	0	1032
9	0	0	1040	0	1032
10	0	0	1252	4	1008
11	0	0	1204	328	976
12	0	152	1184	1328	976
13	0	288	1192	1028	976
14	0	112	756	960	944
15	0	4	0	960	952
16	0	8	4	992	952
17	0	4	4	980	952
18	0	0	4	956	952
19	0	4	8	952	940
20	0	0	0	948	912
21	0	0	8	932	884
22	0	0	0	920	864
23	0	0	4	896	840

Eltham

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

2.4 Bay of Plenty System

Lichfield DF

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	78	95	68	81	84
1	83	88	63	80	80
2	85	89	58	84	86
3	78	94	59	85	93
4	84	93	60	87	95
5	89	82	65	84	94
6	88	83	72	92	95
7	92	79	69	83	77
8	93	75	80	87	70
9	95	97	84	83	73
10	100	91	94	93	77
11	102	89	93	91	84
12	80	77	82	90	58
13	79	68	74	76	60
14	86	62	74	79	55
15	82	73	69	80	48
16	89	76	78	89	51
17	75	69	76	72	51
18	83	65	85	75	64
19	77	55	73	70	64
20	79	44	67	65	49
21	93	69	72	76	49
22	98	67	92	78	50
23	94	66	86	88	43

Lichfield 2

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	156	155	158	147	159
1	159	155	161	153	160
2	152	166	159	156	165
3	163	157	160	163	159
4	154	156	156	163	157
5	156	158	162	157	154
6	153	157	155	158	155
7	155	157	153	110	157
8	155	163	78	141	154
9	152	158	56	149	157
10	156	158	59	154	157
11	131	156	50	161	154
12	108	153	43	160	157
13	107	159	30	160	154
14	60	160	33	159	160
15	71	152	28	160	160
16	160	157	33	158	152
17	157	157	34	159	151
18	158	156	33	157	153
19	150	154	29	157	157
20	166	149	39	157	152
21	162	155	112	161	151
22	162	153	150	158	154
23	156	152	145	156	159

Edgecumbe DF

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	174	171	170	162	171
1	179	175	175	154	173
2	180	179	180	146	176
3	177	177	176	151	173
4	176	178	191	147	169
5	180	170	187	152	168
6	183	169	182	156	162
7	169	163	180	157	162
8	164	163	172	155	156
9	159	147	161	157	154
10	159	152	149	166	150
11	140	147	131	167	136
12	141	144	134	171	133
13	160	154	130	178	138
14	178	151	136	169	137
15	185	170	157	168	127
16	187	180	164	176	146
17	180	179	168	175	151
18	182	181	160	175	155
19	174	176	153	174	167
20	167	173	152	166	173
21	167	175	162	167	170
22	169	175	163	169	162
23	170	162	154	164	153

Reporoa

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	78	78	75	92	92
1	76	74	74	93	85
2	77	77	75	93	90
3	78	74	68	94	96
4	80	72	56	93	91
5	78	74	54	86	91
6	82	78	52	91	97
7	81	82	42	89	92
8	75	78	38	89	92
9	59	81	45	84	90
10	56	77	35	64	90
11	56	77	28	62	90
12	58	80	26	61	89
13	56	79	27	62	90
14	52	79	27	74	88
15	69	75	35	89	85
16	78	77	72	91	89
17	80	75	86	89	88
18	75	71	88	90	88
19	72	71	89	91	93
20	75	74	91	92	94
21	77	73	68	90	92
22	77	73	81	84	92
23	77	71	91	89	91

Whakatane

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	65	129	115	125	123
1	128	131	119	128	123
2	136	132	120	127	126
3	136	129	123	106	122
4	84	132	126	54	123
5	47	132	127	89	127
6	53	135	131	135	132
7	53	133	130	57	129
8	50	132	130	96	129
9	81	130	131	129	132
10	144	131	131	129	135
11	146	131	133	133	135
12	138	132	131	134	133
13	139	125	132	136	128
14	137	121	130	134	123
15	140	120	131	134	122
16	137	121	131	134	123
17	136	120	129	133	120
18	133	122	130	129	120
19	133	120	130	129	123
20	131	119	128	126	121
21	130	116	127	126	122
22	129	115	129	128	118
23	130	117	128	126	117

Tirau DF

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	13	12	27	43	14
1	11	11	25	25	13
2	12	12	22	28	11
3	11	12	19	22	10
4	6	11	13	18	14
5	6	9	8	18	15
6	4	5	10	22	18
7	3	11	13	20	19
8	4	12	15	25	38
9	4	17	24	48	49
10	23	15	18	61	52
11	41	18	32	55	59
12	43	19	33	56	59
13	49	20	30	53	55
14	50	21	54	49	55
15	55	39	50	45	52
16	51	51	53	44	49
17	53	52	50	43	47
18	54	49	47	43	49
19	46	51	42	44	45
20	33	45	45	47	31
21	33	40	46	32	24
22	20	39	46	29	27
23	11	42	46	24	21

Pyes Pa

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	13	19	17	16	15
1	12	16	17	17	14
2	12	14	14	15	13
3	12	17	17	15	13
4	15	16	18	18	15
5	25	23	23	22	24
6	31	32	31	31	33
7	34	32	34	35	32
8	34	30	33	34	32
9	35	34	34	34	34
10	36	33	32	36	34
11	38	34	34	37	33
12	36	32	36	35	34
13	34	31	35	35	33
14	34	31	33	33	31
15	38	32	32	35	28
16	37	31	28	32	29
17	33	28	26	32	26
18	30	29	26	31	26
19	26	27	26	28	27
20	25	24	23	24	23
21	24	24	22	22	21
22	18	20	20	20	20
23	17	21	18	17	19

Kinleith (CHH Mill)

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	322	282	777	736	822
1	347	340	679	773	771
2	316	303	491	764	699
3	348	320	479	813	784
4	332	310	468	805	761
5	327	315	453	782	746
6	363	288	443	781	760
7	333	224	428	766	698
8	312	213	431	775	417
9	281	208	415	809	353
10	303	202	406	819	347
11	338	197	420	818	331
12	358	290	405	903	325
13	354	470	435	694	304
14	350	608	444	689	309
15	386	578	481	498	346
16	395	512	509	520	346
17	381	611	540	551	372
18	396	565	540	609	429
19	391	570	481	764	424
20	382	535	490	745	448
21	335	516	523	615	505
22	241	508	564	620	480
23	214	577	670	594	524

Kawerau (Tasman)

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	74	73	73	74	72
1	73	72	73	74	70
2	72	73	73	74	72
3	76	73	73	75	73
4	74	73	73	75	74
5	74	73	73	75	73
6	75	73	72	75	73
7	74	73	72	75	73
8	74	73	72	76	73
9	74	73	72	76	72
10	74	72	72	77	72
11	73	72	73	76	73
12	73	71	75	74	73
13	73	73	72	74	76
14	72	72	72	74	76
15	72	73	72	73	77
16	73	72	72	72	76
17	72	72	72	73	76
18	72	72	71	73	76
19	73	73	72	72	74
20	73	73	73	73	74
21	73	72	73	73	73
22	73	72	74	73	73
23	73	73	75	73	73

Tauranga

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	5	6	4	4	5
1	2	3	2	3	4
2	2	2	2	3	2
3	2	3	3	3	2
4	5	4	4	3	3
5	11	9	9	9	10
6	30	27	29	31	26
7	44	37	39	41	39
8	40	29	32	38	31
9	35	27	27	34	27
10	36	24	28	35	28
11	35	26	27	33	26
12	34	24	25	34	26
13	33	23	24	32	23
14	30	21	21	28	21
15	31	20	21	29	18
16	35	23	23	34	20
17	43	28	29	43	24
18	45	33	32	46	29
19	39	29	31	43	31
20	30	22	23	34	25
21	23	16	18	24	19
22	16	10	11	13	12
23	10	5	5	6	7

Gisborne

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	12	15	12	15	16
1	10	13	12	14	16
2	10	14	13	13	10
3	11	15	14	15	12
4	17	15	13	15	12
5	24	23	17	25	15
6	34	36	26	37	25
7	50	48	40	48	37
8	44	43	32	45	31
9	42	39	32	43	33
10	40	37	33	43	30
11	39	37	34	35	30
12	38	31	33	38	29
13	37	27	28	34	27
14	33	28	26	33	28
15	29	23	28	30	23
16	30	25	31	36	24
17	30	27	30	40	25
18	36	32	34	42	29
19	31	32	32	36	27
20	28	25	27	32	22
21	23	22	23	26	18
22	19	18	19	22	18
23	15	14	14	17	14

Mount Maunganui

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	55	57	61	63	62
1	62	61	63	68	67
2	56	60	58	64	65
3	60	60	61	65	63
4	57	65	68	65	70
5	63	61	69	65	65
6	75	70	82	83	75
7	86	88	84	89	76
8	87	89	72	89	78
9	87	82	77	84	79
10	84	81	84	81	77
11	87	78	81	81	77
12	83	74	82	81	78
13	84	77	81	79	81
14	81	84	78	82	78
15	80	84	76	82	68
16	81	73	75	79	71
17	84	72	76	78	70
18	86	74	72	80	72
19	78	74	74	83	70
20	72	78	68	79	69
21	65	61	63	73	65
22	62	54	60	66	61
23	58	56	63	65	57

Rotorua

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	24	23	18	24	26
1	22	24	16	23	23
2	20	23	17	24	23
3	21	23	15	24	24
4	26	25	17	27	26
5	40	38	33	44	39
6	63	55	51	67	60
7	81	71	70	84	80
8	73	65	65	77	72
9	70	59	64	74	64
10	68	51	65	66	57
11	68	49	50	65	56
12	65	49	46	62	49
13	67	47	48	62	49
14	65	41	46	59	45
15	67	39	42	60	40
16	71	44	42	61	40
17	78	50	48	76	48
18	76	53	58	77	51
19	70	52	58	72	53
20	59	44	53	62	49
21	49	35	47	48	41
22	35	27	33	37	33
23	28	20	27	30	28

Taupo

Hour	19-Sep-2022	20-Sep-2022	21-Sep-2022	22-Sep-2022	23-Sep-2022
0	10	11	1	7	6
1	10	9	1	7	7
2	8	4	2	8	7
3	9	6	4	9	7
4	9	9	5	11	9
5	13	11	10	14	12
6	23	20	19	24	21
7	33	27	27	32	28
8	29	23	25	27	26
9	25	17	22	22	21
10	24	15	18	21	19
11	24	15	17	20	19
12	26	15	16	19	16
13	25	14	14	21	16
14	21	12	13	20	14
15	24	13	11	21	13
16	29	13	13	25	15
17	36	18	19	31	18
18	37	24	24	35	22
19	33	25	24	33	24
20	28	22	21	29	23
21	21	16	17	21	19
22	15	9	9	13	13
23	11	4	9	8	11

2.5 South System

Paraparaumu

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	6	6	6	6	7
1	6	6	7	6	6
2	6	6	6	7	7
3	6	6	7	7	7
4	6	6	6	7	7
5	8	10	11	12	12
6	19	19	22	23	21
7	30	33	35	35	36
8	31	32	34	35	36
9	27	28	26	29	26
10	25	25	21	23	19
11	26	22	17	20	17
12	25	18	15	17	13
13	22	16	14	13	11
14	17	15	11	14	10
15	18	18	11	13	11
16	26	24	15	17	15
17	33	32	27	27	23
18	36	35	33	35	29
19	31	32	32	33	30
20	27	27	28	28	28
21	19	20	22	21	22
22	11	12	13	12	14
23	6	7	7	7	8

Hawera

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	31	39	35	36	10
1	31	36	32	35	8
2	35	34	33	35	17
3	33	39	33	36	10
4	39	38	38	29	13
5	46	49	64	33	29
6	55	58	61	51	44
7	60	66	77	54	62
8	40	68	73	44	60
9	43	74	45	38	58
10	47	67	32	35	46
11	43	62	30	31	50
12	38	43	28	28	48
13	45	42	28	29	52
14	44	35	26	32	54
15	39	44	36	36	51
16	61	59	48	26	56
17	65	66	63	37	67
18	68	67	67	42	63
19	65	65	63	40	58
20	61	61	61	37	57
21	53	53	54	28	53
22	45	44	43	18	43
23	38	36	37	11	37

Wanganui

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	82	97	99	106	108
1	82	93	95	103	108
2	77	89	97	99	108
3	78	90	98	94	111
4	92	93	108	100	112
5	108	108	133	123	122
6	140	142	165	162	163
7	163	181	199	204	205
8	158	171	180	190	184
9	158	184	164	170	180
10	126	175	119	155	162
11	114	138	105	141	131
12	114	146	99	143	97
13	106	170	97	141	100
14	107	146	96	139	90
15	144	119	104	122	94
16	155	138	114	120	111
17	158	167	150	146	142
18	153	188	174	171	148
19	149	174	177	190	147
20	159	162	176	179	162
21	141	147	158	160	150
22	120	125	127	134	137
23	105	106	113	117	123

Marion

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	6	29	38	9	6
1	6	27	37	8	6
2	6	26	38	8	5
3	21	21	38	8	5
4	27	23	38	10	7
5	29	24	38	10	7
6	32	23	40	13	19
7	34	23	35	14	38
8	34	24	34	14	39
9	33	23	32	14	37
10	31	18	32	11	36
11	31	20	30	14	35
12	31	32	24	9	35
13	30	32	23	8	34
14	30	31	21	7	33
15	30	32	19	7	31
16	33	35	18	10	34
17	34	35	12	12	36
18	36	37	14	13	37
19	35	37	13	11	37
20	32	37	11	8	37
21	33	37	11	8	36
22	33	37	10	7	36
23	32	36	8	6	35

Palmerston North

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	51	60	61	69	68
1	53	51	56	64	64
2	54	52	54	65	65
3	55	55	66	68	70
4	70	69	76	86	85
5	97	100	109	112	118
6	197	196	202	217	219
7	247	246	264	281	292
8	218	223	239	257	262
9	194	195	209	212	225
10	167	174	186	188	198
11	152	167	181	187	177
12	140	148	167	171	162
13	142	143	157	172	152
14	137	136	156	160	132
15	153	146	153	166	128
16	181	171	170	184	150
17	209	204	213	211	183
18	217	216	235	229	200
19	199	199	224	220	188
20	175	175	196	196	166
21	140	145	161	162	140
22	101	102	116	121	106
23	74	72	85	85	80

Pahiatua DF

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	77	77	117	124	86
1	75	75	120	123	83
2	75	73	118	125	80
3	78	79	120	124	82
4	78	75	115	125	74
5	80	81	119	116	76
6	82	89	122	114	82
7	73	86	116	109	77
8	75	91	115	86	75
9	83	107	99	83	74
10	81	114	89	81	76
11	86	120	111	79	76
12	82	122	109	76	84
13	85	108	110	76	82
14	91	110	111	75	84
15	92	121	108	80	83
16	86	108	114	86	87
17	80	114	118	87	83
18	73	110	112	86	75
19	78	107	112	89	84
20	72	107	118	85	83
21	71	107	118	83	82
22	72	107	120	84	86
23	70	106	119	93	88

Longburn

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	20	25	24	28	23
1	18	22	23	28	24
2	18	22	23	25	25
3	18	23	22	24	23
4	20	22	21	23	21
5	21	29	25	22	24
6	33	31	33	28	30
7	32	35	30	30	34
8	31	34	37	36	34
9	29	32	32	34	30
10	28	31	33	34	32
11	30	34	38	33	30
12	30	29	33	33	28
13	32	32	35	31	24
14	29	30	35	26	22
15	24	26	32	23	18
16	25	27	32	25	20
17	28	26	31	30	23
18	31	29	31	26	26
19	29	28	29	25	23
20	27	26	28	25	22
21	28	27	28	27	21
22	27	25	25	28	22
23	24	24	26	27	17

Levin

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	13	25	30	30	27
1	12	20	31	30	25
2	11	19	31	25	24
3	15	19	33	28	25
4	19	31	38	34	33
5	27	37	41	39	34
6	41	51	52	52	43
7	46	58	61	68	58
8	48	59	65	68	55
9	52	62	57	58	49
10	50	56	54	54	46
11	51	43	53	46	46
12	48	42	50	46	48
13	48	43	45	47	44
14	46	45	38	45	43
15	45	50	38	45	45
16	40	46	37	44	42
17	43	45	42	44	43
18	49	53	52	51	47
19	46	52	52	53	45
20	42	49	52	47	44
21	39	45	46	45	39
22	33	39	41	39	32
23	29	33	34	30	27

Belmont

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	83	103	103	115	125
1	83	101	110	110	107
2	80	102	99	111	106
3	87	106	106	119	114
4	106	119	122	131	131
5	158	176	177	192	190
6	308	320	324	333	338
7	421	423	438	445	463
8	394	381	414	430	443
9	359	340	334	383	361
10	335	298	283	336	303
11	330	273	269	303	266
12	322	268	245	275	229
13	314	253	247	257	211
14	303	242	239	254	183
15	306	274	245	259	176
16	344	301	290	293	209
17	391	364	365	366	291
18	415	400	419	406	348
19	386	373	402	390	346
20	334	333	363	348	320
21	271	283	300	306	282
22	184	193	206	207	204
23	125	125	139	140	148

Feilding

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	16	26	21	26	28
1	15	25	22	26	26
2	18	24	25	28	27
3	19	24	26	26	28
4	19	25	28	29	29
5	23	30	33	32	31
6	36	38	44	45	47
7	42	48	54	57	59
8	42	46	48	56	57
9	41	47	49	50	50
10	41	45	44	42	49
11	35	43	42	40	46
12	34	43	42	38	46
13	35	44	37	42	41
14	33	41	32	39	37
15	37	39	29	36	34
16	43	44	38	43	37
17	50	47	42	48	42
18	48	45	45	46	43
19	44	40	43	43	41
20	41	38	43	42	40
21	34	34	38	38	34
22	32	31	32	32	32
23	28	25	27	29	25

Hastings

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	85	171	245	249	226
1	98	168	218	215	221
2	104	187	226	234	220
3	126	193	242	233	224
4	140	192	253	239	231
5	170	223	276	279	258
6	240	276	308	332	295
7	267	306	385	372	348
8	286	327	363	404	363
9	266	305	371	353	329
10	262	293	344	354	320
11	265	292	347	354	283
12	241	297	330	348	314
13	235	307	314	326	276
14	252	299	301	292	265
15	239	296	310	283	253
16	237	283	316	307	285
17	239	292	312	302	275
18	252	274	314	308	279
19	243	264	321	295	277
20	244	287	331	291	277
21	222	263	308	272	264
22	203	235	275	249	248
23	185	239	255	232	222

Pauatahani

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	11	12	12	12	13
1	10	11	11	13	13
2	10	11	12	12	13
3	10	12	12	13	13
4	11	12	13	13	14
5	16	15	16	17	18
6	27	29	30	30	31
7	36	36	38	39	39
8	33	30	32	33	34
9	29	23	21	26	25
10	27	19	18	23	18
11	24	18	14	17	14
12	24	15	14	14	13
13	22	14	12	13	12
14	20	14	12	12	11
15	21	16	13	15	11
16	29	23	19	19	14
17	37	34	30	28	22
18	41	39	37	36	30
19	38	37	36	35	31
20	34	32	31	32	30
21	27	27	26	26	26
22	18	18	18	19	21
23	13	14	13	14	15

Takapau

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	3	17	14	16	19
1	2	9	10	11	11
2	2	8	10	11	11
3	3	8	8	9	8
4	9	8	8	7	8
5	16	16	14	16	15
6	16	17	21	20	22
7	15	16	21	20	21
8	17	18	22	20	19
9	17	18	21	21	18
10	21	19	21	23	19
11	20	20	20	24	19
12	17	19	22	24	20
13	15	19	21	24	19
14	13	19	22	23	19
15	15	19	21	20	17
16	18	19	22	21	18
17	18	18	22	23	19
18	18	17	22	23	21
19	18	17	22	23	21
20	18	17	22	23	22
21	18	16	22	22	22
22	17	21	22	23	22
23	18	21	22	23	22

Wellington (Tawa)

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	165	216	210	219	205
1	161	207	202	200	193
2	163	211	201	202	194
3	182	221	213	214	205
4	216	261	250	245	232
5	317	364	350	347	333
6	554	593	586	578	554
7	785	819	829	822	781
8	798	819	844	848	793
9	710	694	706	691	636
10	691	656	625	663	573
11	664	613	585	635	514
12	665	597	553	612	469
13	672	586	527	600	455
14	656	581	501	539	404
15	673	654	521	556	395
16	720	462	608	610	463
17	759	707	702	693	565
18	762	724	726	708	605
19	703	682	685	676	588
20	630	608	623	627	553
21	512	507	528	516	489
22	357	361	384	360	388
23	255	247	267	250	287

Waitangirua (Hutt Valley)

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	18	23	22	23	24
1	17	22	21	22	23
2	17	21	22	22	23
3	19	23	24	25	24
4	26	28	30	32	30
5	44	48	48	49	49
6	88	92	97	95	93
7	119	122	126	127	127
8	112	107	107	113	112
9	101	93	86	98	85
10	97	81	72	90	69
11	90	70	64	77	58
12	88	59	58	62	52
13	82	56	53	58	45
14	77	52	48	55	38
15	77	61	51	61	38
16	93	76	65	66	46
17	105	101	90	88	65
18	112	101	103	101	82
19	102	98	96	97	83
20	87	89	85	87	78
21	69	68	70	70	67
22	45	46	45	49	49
23	30	30	30	31	33

Waikanae

Hour	8-Aug-2022	9-Aug-2022	10-Aug-2022	11-Aug-2022	12-Aug-2022
0	5	5	5	7	7
1	3	4	5	7	6
2	4	5	5	7	7
3	3	5	6	7	7
4	5	7	7	10	10
5	12	13	14	15	15
6	20	23	25	26	25
7	33	35	39	39	42
8	34	35	39	40	42
9	30	31	29	32	32
10	26	25	21	25	22
11	24	21	17	20	18
12	23	20	15	19	15
13	21	18	14	15	15
14	19	17	12	16	14
15	19	19	13	17	12
16	27	26	17	19	16
17	37	36	29	31	25
18	40	41	38	40	32
19	37	38	37	38	33
20	31	31	33	33	31
21	25	25	27	26	27
22	15	16	17	16	19
23	9	9	11	10	12

2.6 Frankley Road System

Taranaki Combined Cycle

Hour	18-Jul-2022	19-Jul-2022	20-Jul-2022	21-Jul-2022	22-Jul-2022
0	1,417	1,393	1,387	1,389	1,395
1	1,415	1,395	1,390	1,387	1,404
2	1,414	1,395	1,390	1,388	1,405
3	1,412	1,396	1,389	1,389	1,411
4	1,410	1,393	1,394	1,390	1,405
5	1,409	1,391	1,394	1,394	1,406
6	1,408	1,395	1,394	1,392	1,405
7	1,773	1,395	1,678	1,665	1,895
8	2,278	1,392	1,683	2,067	2,214
9	1,928	1,393	1,874	2,121	2,384
10	1,702	1,392	1,444	1,743	1,895
11	1,662	1,392	1,398	1,653	1,729
12	1,417	1,390	1,394	1,532	1,662
13	1,410	1,390	1,391	1,386	1,423
14	1,407	1,389	1,392	1,609	1,418
15	1,408	1,387	1,583	1,933	1,655
16	1,651	1,513	1,831	2,073	1,420
17	1,969	2,067	1,933	2,522	1,927
18	2,220	2,204	1,960	2,627	2,268
19	1,980	1,881	1,937	1,320	1,897
20	1,549	1,399	1,650	349	1,664
21	1,401	1,398	1,652	1,369	1,693
22	1,401	1,400	1,655	1,389	1,547
23	1,392	1,397	1,400	1,390	1,416

Stratford 3

Hour	18-Jul-2022	19-Jul-2022	20-Jul-2022	21-Jul-2022	22-Jul-2022
0	1,594	2,616	2,700	2,760	2,420
1	1,470	2,732	2,738	2,780	2,772
2	1,460	2,740	2,764	2,736	2,766
3	1,460	2,752	2,782	2,724	2,782
4	1,482	2,724	2,732	2,720	2,772
5	1,486	2,740	2,710	2,688	2,720
6	1,564	2,724	2,722	2,760	2,660
7	1,484	2,720	2,688	2,650	2,568
8	1,458	2,724	2,704	2,414	2,646
9	1,474	2,728	2,684	2,680	2,730
10	1,838	2,740	2,722	2,752	2,768
11	1,850	2,718	2,618	2,748	1,916
12	2,128	2,790	2,678	2,768	1,120
13	2,156	2,740	2,730	2,752	1,074
14	2,182	2,704	2,742	2,708	816
15	2,504	2,696	2,734	2,728	694
16	2,578	2,696	2,754	2,110	780
17	2,116	2,636	2,698	30	1,066
18	2,044	2,672	2,706	28	1,108
19	1,466	2,724	2,706	32	1,086
20	1,474	2,696	2,736	-	1,068
21	1,396	2,700	2,740	-	1,062
22	1,000	2,696	2,702	488	1,070
23	1,668	2,728	2,694	708	1,084

Stratford 2

Hour	Hour	18-Jul-2022	19-Jul-2022	20-Jul-2022	21-Jul-2022
0	0	-	-	-	-
1	1	-	-	-	-
2	2	-	-	-	-
3	3	-	-	-	-
4	4	-	-	-	-
5	5	-	-	-	-
6	6	-	-	-	-
7	7	-	-	-	-
8	8	-	-	-	64
9	9	-	-	-	218
10	10	-	-	-	-
11	11	-	-	-	-
12	12	-	-	-	-
13	13	-	-	-	-
14	14	-	-	-	-
15	15	-	-	-	267
16	16	-	-	-	384
17	17	234	197	-	530
18	18	340	300	-	521
19	19	-	24	-	458
20	20	-	-	-	224
21	21	-	-	-	-
22	22	-	-	-	-
23	23	-	-	-	-

AUP

Hour	18-Jul-2022	19-Jul-2022	20-Jul-2022	21-Jul-2022	22-Jul-2022
0	887	873	858	875	881
1	887	875	859	874	881
2	885	873	859	875	884
3	887	870	859	874	889
4	888	868	858	873	891
5	890	866	857	874	892
6	887	866	859	873	895
7	884	868	858	876	894
8	878	867	856	882	893
9	878	869	863	888	890
10	880	869	864	883	885
11	870	867	865	879	880
12	870	866	863	878	882
13	869	866	862	862	878
14	869	867	859	849	879
15	869	868	858	860	880
16	869	859	864	872	883
17	870	860	871	881	884
18	863	860	870	885	885
19	874	858	864	883	886
20	872	858	866	876	885
21	873	861	867	879	885
22	873	863	868	878	886
23	873	861	872	882	887

Maui Bypass (flow to KGTP compressors)

Hour	18-Jul-2022	19-Jul-2022	20-Jul-2022	21-Jul-2022	22-Jul-2022
0	613	811	908	964	551
1	550	762	900	899	577
2	466	685	902	901	628
3	397	656	902	901	659
4	341	614	903	902	680
5	298	547	904	902	741
6	290	543	713	904	743
7	333	536	565	904	900
8	383	589	392	902	961
9	432	646	336	899	1,073
10	492	683	274	749	1,078
11	537	716	223	541	1,081
12	580	706	274	72	1,025
13	706	695	321	42	1,005
14	730	633	443	51	1,015
15	733	629	705	100	994
16	732	630	794	319	997
17	729	628	447	113	967
18	742	650	254	272	977
19	823	660	253	302	981
20	850	659	292	398	981
21	824	660	762	416	981
22	818	659	817	500	982
23	774	658	927	519	983

2.7 Maui System

Pirongia

Hour	4-Oct-21	5-Oct-21	6-Oct-21	7-Oct-21	8-Oct-21
0	80	81	87	83	74
1	82	78	88	78	72
2	82	79	87	77	76
3	84	77	86	79	77
4	83	84	83	79	80
5	86	84	82	70	77
6	83	76	84	67	78
7	84	71	86	62	80
8	82	64	86	60	78
9	80	63	70	47	82
10	75	65	57	47	73
11	55	58	57	53	79
12	59	65	72	60	66
13	76	65	72	63	81
14	75	66	74	68	82
15	74	68	77	71	82
16	77	67	80	75	83
17	78	68	84	70	84
18	82	81	84	66	82
19	83	81	81	55	84
20	81	83	82	59	84
21	80	88	82	72	86
22	80	87	80	75	87
23					

Ngatimaru Road

Hour	4-Oct-21	5-Oct-21	6-Oct-21	7-Oct-21	8-Oct-21
0	5,560	5,608	5,628	5,608	5,552
1	5,560	5,600	5,624	5,596	5,580
2	5,572	5,600	5,624	5,604	5,588
3	5,576	5,596	5,624	5,600	5,584
4	5,540	5,604	5,628	5,600	5,584
5	5,488	5,600	5,612	5,604	5,584
6	5,540	5,600	5,608	5,604	5,576
7	5,556	5,596	5,604	5,600	5,584
8	5,552	5,596	5,608	5,604	5,580
9	5,556	5,596	5,600	5,600	5,584
10	5,556	5,596	5,584	5,600	5,580
11	5,568	5,604	5,588	5,604	5,664
12	5,592	5,600	5,592	5,600	5,680
13	5,592	5,596	5,584	5,596	5,688
14	5,592	5,592	5,608	5,600	5,684
15	5,588	5,600	5,600	5,612	5,684
16	5,600	5,616	5,600	5,600	5,692
17	5,596	5,608	5,596	5,580	5,684
18	5,584	5,600	5,604	5,568	5,684
19	5,572	5,600	5,592	5,412	5,684
20	5,588	5,616	5,560	5,412	5,684
21	5,600	5,616	5,604	5,420	5,684
22	5,608	5,620	5,596	5,420	5,680
23	5,608	5,624	5,604	5,488	5,688

Te Kuiti South

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

Rotowaro

Hour	4-Oct-21	5-Oct-21	6-Oct-21	7-Oct-21	8-Oct-21
0	1,288	2,432	2,216	2,984	2,336
1	1,584	2,608	2,360	2,888	2,176
2	1,648	2,504	2,528	2,840	2,048
3	3,160	1,952	2,208	2,848	4,256
4	2,896	2,560	2,632	2,872	2,848
5	2,776	2,984	2,968	2,960	2,984
6	3,056	3,432	3,744	3,184	3,352
7	3,344	3,840	4,008	3,496	3,680
8	3,608	4,136	4,048	3,624	3,816
9	3,672	4,424	3,872	3,624	3,792
10	3,752	4,176	3,832	3,720	3,800
11	3,712	4,104	3,720	4,072	3,888
12	3,576	5,512	3,704	3,808	3,800
13	3,376	4,664	4,672	3,584	3,576
14	3,304	2,424	3,624	3,472	3,424
15	3,296	2,312	3,664	3,464	3,368
16	3,336	2,520	4,384	3,640	3,320
17	3,544	3,136	4,832	3,888	3,408
18	3,600	4,440	4,568	3,944	3,432
19	3,536	5,120	4,960	3,872	3,512
20	3,344	3,952	3,656	3,744	3,360
21	3,048	3,440	3,656	3,472	3,240
22	2,824	3,152	3,264	3,256	3,120
23	2,384	2,440	3,136	3,016	3,008

Huntly Power Station

Hour	4-Oct-21	5-Oct-21	6-Oct-21	7-Oct-21	8-Oct-21
0	1,613	1,605	1,623	1,600	1,626
1	1,608	1,605	1,618	1,603	1,602
2	1,610	1,606	1,673	1,733	1,617
3	1,625	1,611	1,635	1,743	1,626
4	1,825	1,780	1,901	1,901	1,824
5	2,278	2,486	2,861	2,156	2,203
6	2,703	2,920	3,194	2,251	2,492
7	2,999	2,924	2,950	2,464	2,540
8	2,979	2,953	2,987	2,479	2,658
9	2,983	2,864	2,915	2,557	2,563
10	2,845	2,924	2,773	2,346	2,303
11	2,358	2,356	2,692	2,159	2,133
12	2,260	2,218	2,581	2,150	2,047
13	1,927	2,015	2,288	2,293	1,831
14	1,859	1,925	2,253	2,604	1,827
15	1,769	2,112	2,337	2,495	2,054
16	1,895	3,166	2,365	2,498	2,192
17	2,081	3,222	2,237	2,534	2,288
18	2,073	3,249	2,322	2,617	2,458
19	2,000	3,267	2,341	2,674	2,486
20	1,719	2,851	2,205	2,528	2,454
21	1,628	2,769	2,094	2,498	1,906
22	1,606	2,475	1,839	2,110	1,961
23	1,606	1,643	1,598	1,614	1,753

Pokuru

Hour	4-Oct-21	5-Oct-21	6-Oct-21	7-Oct-21	8-Oct-21
0	1268	1184	1120	1384	1656
1	1272	1148	1068	1416	1632
2	1264	1120	1048	1420	1592
3	1248	1144	1032	1428	1560
4	1236	1120	1032	1428	1536
5	1256	1152	1048	1420	1544
6	1304	1184	1096	1464	1296
7	1352	1192	1140	1500	1144
8	1384	1224	1184	1548	1096
9	1392	1208	1236	1572	1128
10	1396	1248	696	284	1192
11	1392	1284	24	1212	1268
12	1368	1320	1692	2156	1620
13	1332	1328	1920	1820	1700
14	1336	1368	1520	1776	1768
15	1364	1292	1408	1764	1652
16	1364	1216	1340	1768	1664
17	1396	1224	1296	1724	1864
18	1444	1268	1280	1728	1764
19	1460	1264	1284	1732	1684
20	1520	1228	1276	1724	1576
21	1520	1264	1312	1724	1488
22	1456	1252	1404	1696	1424
23	1280	1200	1404	1680	1380

Bertrand Road

Hour	4-Oct-21	5-Oct-21	6-Oct-21	7-Oct-21	8-Oct-21
0	1,924	1,872	1,838	1,678	1,914
1	1,908	1,892	1,896	1,710	1,924
2	1,936	1,888	1,888	1,722	1,926
3	1,944	1,910	1,900	1,702	1,914
4	1,920	1,882	1,880	1,698	1,904
5	1,968	1,888	1,900	1,698	1,900
6	1,934	1,900	1,892	1,686	1,880
7	1,834	1,872	1,888	1,690	1,882
8	1,852	1,868	1,888	1,684	1,874
9	1,864	1,868	1,888	1,674	1,912
10	1,884	1,868	1,884	1,692	1,892
11	1,856	1,898	1,868	1,684	1,928
12	1,856	1,896	1,848	1,688	1,916
13	1,852	1,906	1,862	1,696	1,916
14	1,896	1,866	1,878	1,670	1,920
15	1,882	1,878	1,892	1,686	1,922
16	1,906	1,874	1,904	1,676	1,926
17	1,892	1,890	1,656	1,696	1,928
18	1,868	1,880	1,620	1,818	1,920
19	1,960	1,868	1,676	1,862	1,916
20	1,902	1,828	1,692	1,904	1,926
21	1,884	1,828	1,656	1,840	1,930
22	1,856	1,834	1,628	1,876	1,940
23	1,866	1,840	1,678	1,898	1,950

Frankley Road

Hour	4-Oct-21	5-Oct-21	6-Oct-21	7-Oct-21	8-Oct-21
0	-	-	-	800	424
1	-	-	-	560	488
2	80	-	-	640	672
3	104	-	-	528	776
4	-	-	-	440	424
5	-	-	-	648	248
6	-	-	-	496	128
7	-	192	8	320	544
8	-	240	-	304	240
9	-	32	32	272	432
10	-	-	56	416	352
11	752	-	1,120	840	360
12	2,488	-	1,240	776	408
13	1,352	-	1,176	464	120
14	1,144	-	1,320	1,048	-
15	1,392	-	1,304	1,560	-
16	1,688	-	1,392	1,656	-
17	1,768	-	1,880	1,920	8
18	1,816	-	1,832	2,080	432
19	1,544	-	832	80	528
20	-	-	408	-	432
21	-	-	568	-	776
22	-	-	352	-	648
23	8	-	560	-	608

Mangorei

Hour	4-Oct-21	5-Oct-21	6-Oct-21	7-Oct-21	8-Oct-21
0	-	-	-	-	-
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	4	8	-
6	228	392	480	476	232
7	496	504	500	496	500
8	496	496	496	496	496
9	288	496	500	492	280
10	-	516	288	40	-
11	228	492	-	-	36
12	484	488	-	-	-
13	488	488	-	-	-
14	484	488	-	-	-
15	488	488	232	8	-
16	492	492	484	476	-
17	492	492	488	496	-
18	496	496	492	500	-
19	496	496	496	36	-
20	40	36	492	-	-
21	-	-	36	-	-
22	-	-	-	-	-
23	-	-	-	-	-