



Maui Development Limited

Peak Flow Information Disclosure

3 November 2014

Peak Flow Information Disclosure

This document contains our disclosure of peak flow information for the 12-month period ended on 30 September 2014. Such disclosure is required annually by section 2.5.2 of the Gas Transmission Information Disclosure Determination 2012 issued by the Commerce Commission. The terms "MDL", "we", "us" and "our" in this document refer to the Gas Transmission Business of Maui Development Limited. Details of the intake points and offtake points on the Maui pipeline are presented in the attached Schedule A.

1. System peak flow period

The system peak flow period is the period, in respect of the 12 months ended 30 September 2014, during which the aggregate throughput of gas at all offtake points on the Maui pipeline was at its peak. We have selected a single gas transmission day as the most appropriate duration for our peak flow period. This is because capacity on the Maui pipeline is reserved and allocated dynamically on the basis of a daily nominations regime. As a result, the system peak flow period was the period of 24 consecutive hours beginning at 0000 hours (New Zealand Standard Time) on the 17th of September 2014.

2. Intake point throughputs

The metered quantities for total throughput of gas at each intake point (including the net intake quantity for the bi-directional point at Frankley Road) during the system peak flow period are set out below.

intake point	throughput (GJ)
Oaonui	171,000
Frankley Road	19,435
Tikorangi Mixing Station	27,186
Tikorangi #2	11,680
Kowhai Mixing Station	0
Ngatimaru Road (Receipt)	151,420
Tikorangi #3 (Receipt)	68,344
Turangi Mixing Station	45,192

3. Offtake point throughputs

Information for each offtake point with a throughput of gas during the system peak flow period of 2,000 GJ or more is set out in the following two tables (all throughputs are based on metered quantities). The offtake peak flow period for each point is a period, determined similarly to that for the system peak flow period (and in respect of the same 12 months ended 30 September 2014), during which the throughput of gas at that specific offtake point was at its peak.

The Frankley Road bi-directional point has been included in these tables as well, even though it was a net intake point on the day of the system peak flow period. On most days, however, Frankley Road is a net offtake point. Its offtake peak flow is included in the table below. Net intake volumes are indicated as negative numbers.

	system peak flow	offtake peak flow	
offtake point	throughput (GJ)	day (NZST)	throughput (GJ)
Frankley Road	-19,435	25/06/2014	63,242
Bertrand Road (Waitara Valley)	49,508	8/04/2014	56,004
Faull Road	52,268	13/12/2013	101,310
Ngatimaru Road (Delivery)	143,120	06/12/2013	144,324
Pokuru	28,059	07/08/2014	31,786
Pirongia	2,376	25/04/2014	3,592
Rotowaro	170,068	23/09/2014	183,328
Huntly Power Station	73,292	03/10/2013	76,736

The hourly throughput quantities (in GJ) during the system peak flow period for the points listed above are set out below.

Hour ending (NZST)	Frankley Road (net)	Bertrand Road (Waitara Valley)	Faull Road	Ngatimaru Road (Delivery)	Pokuru	Pirongia	Rotowaro	Huntly Power Station
01:00	-1102	2053	2196	5952	1156	99	6392	1956
02:00	-1059	2055	2204	5960	1141	99	5812	1900
03:00	-981	2056	2208	5960	1132	99	5736	1900
04:00	-950	2060	2212	5960	1124	100	5568	1920
05:00	-917	2061	2204	5968	1110	96	5584	2120
06:00	-1375	2060	2176	5984	1144	98	5788	2636
07:00	-1382	2060	2180	5992	1188	100	6244	3260
08:00	-1443	2058	2172	5984	1235	113	7268	2984
09:00	-1537	2065	2172	5968	1315	101	7808	2796
10:00	-1251	2069	2188	5968	1297	100	7908	2876
11:00	-1194	2068	2196	5960	1265	100	7824	2952
12:00	-1234	2070	2184	5960	1110	99	7636	2972
13:00	-1038	2066	2168	5960	1117	98	7652	2612
14:00	-964	2076	2172	5960	1084	98	7556	2760
15:00	-518	2074	2172	5960	1048	97	7392	2908
16:00	-265	2069	2164	5960	1086	98	7316	3472
17:00	-243	2068	2172	5952	1164	97	7448	4072
18:00	-146	2064	2160	5952	1255	99	7592	4084
19:00	-205	2061	2168	5952	1267	95	7412	4072
20:00	-347	2061	2164	5952	1232	92	7540	4060
21:00	-291	2058	2164	5952	1228	94	7768	4248
22:00	-227	2056	2168	5952	1150	105	7768	4312
23:00	-465	2057	2152	5968	1126	100	7664	3720
24:00	-301	2063	2152	5984	1085	99	7392	2700

Schedule A: Maui Pipeline Intake and Offtake Points

Details of the intake and offtake points on the Maui Pipeline are presented below.

Welded Point	Type	Distance from Oaonui (km)	Location		NZ Topo50 grid reference
Oaonui	Intake	0	S.H.45	Oaonui	BJ28 703 383
Opunake	Offtake	0.1	S.H.45	Oaonui	BJ28 705 383
Pungarehu	Offtake	13.2	Parihaka Rd	Pungarehu	BJ28 747 504
Okato	Offtake	23.1	Oxford Rd	Okato	BH28 776 594
Oakura	Offtake	35.1	Wairau Rd	Oakura	BH28 833 684
Frankley Road	Bi-directional	43.9	Frankley Rd	New Plymouth	BH29 911 686
Bertrand Road (Waitara Valley)	Offtake	65.3	Bertrand Rd	Tikorangi	BH30 094 773
Faull Road	Offtake	65.3	Bertrand Rd	Tikorangi	BH30 094 773
Tikorangi Mixing Station	Intake	66.8	Ngatimaru Rd	Tikorangi	BH30 108 776
Tikorangi #2	Intake	66.8	Ngatimaru Rd	Tikorangi	BH30 108 776
Kowhai Mixing Station	Intake	66.8	Ngatimaru Rd	Tikorangi	BH30 108 776
Ngatimaru Road (Receipt)	Intake	67.0	Ngatimaru Rd	Tikorangi	BH30 108 776
Ngatimaru Road (Delivery)	Offtake	67.0	Ngatimaru Rd	Tikorangi	BH30 108 776
Tikorangi #3 (Receipt)	Intake	70.3	Tikorangi Rd East	Tikorangi	BH30 134 769
Tikorangi #3 (Delivery)	Offtake	70.3	Tikorangi Rd East	Tikorangi	BH30 134 769
Turangi Mixing Station	Intake	71.0	Tikorangi Rd East	Tikorangi	BH30 145 794
Te Kuiti South	Offtake	194.1	Mangatea Rd	Te Kuiti	BF33 852 545
Te Kuiti North	Offtake	197.5	Oparure Rd	Te Kuiti	BF33 861 575
Otorohanga	Offtake	213.5	Waitomo Valley Rd	Otorohanga	BE33 918 714
Pokuru	Offtake	230.8	Candy Rd	Te Awamutu	BE33 938 872
Pirongia	Offtake	237.4	Pirongia Rd	Pirongia	BE33 946 934
Ngaruawahia	Offtake	275.3	Hakarimata Rd	Ngaruawahia	BD33 888 295
Rotowaro	Offtake	290.6	Rotowaro Rd	Rotowaro	BC33 825 411
Huntly Town	Offtake	299.2	Rotowaro Rd	Huntly	BC33 898 423
Huntly Power Station	Offtake	299.3	Rotowaro Rd	Huntly	BC33 899 424

Points listed in the table are Physical Welded Points as per the definition in the Maui Pipeline Operating Code, except for the Mokau Compressor Station point which has not been included.