



Maui Development Limited

Peak Flow Information Disclosure

26 November 2013

## Peak Flow Information Disclosure

This document contains our disclosure of peak flow information for the 12-month period ended on 30 September 2013. 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 2013, 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 21<sup>st</sup> of August 2013.

### 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	137,672
Frankley Road	0
Tikorangi Mixing Station	57,878
Tikorangi #2	44,871
Kowhai Mixing Station	0
Ngatimaru Road (Receipt)	173,375
Turangi Mixing Station	7,728

### 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. Throughputs for Frankley Road are net offtakes.) 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 2013), during which the throughput of gas at that specific offtake point was at its peak.

offtake point	system peak flow	offtake peak flow	
	throughput (GJ)	day (NZST)	throughput (GJ)
Frankley Road	48,738	19/02/2013	112,527
Bertrand Road	18,223	25/09/2013	59,910
Ngatimaru Road (Delivery)	115,840	29/12/2012	124,670
Pokuru	16,191	25/09/2013	28,796
Pirongia	3,649	25/09/2013	4,492
Rotowaro	165,350	05/09/2013	178,658
Huntly Power Station	71,607	01/03/2013	81,261

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

<b>Hour ending (NZST)</b>	<b>Frankley Road (net)</b>	<b>Bertrand Road</b>	<b>Ngatimaru Road (Delivery)</b>	<b>Pokuru</b>	<b>Pirongia</b>	<b>Rotowaro</b>	<b>Huntly Power Station</b>
01:00	1,226	772	4,836	535	156	5,664	2,632
02:00	1,246	780	4,830	499	162	5,371	2,389
03:00	1,230	780	4,834	477	161	5,203	2,110
04:00	1,284	778	4,832	454	160	5,145	2,008
05:00	1,364	770	4,832	448	161	5,186	2,235
06:00	1,820	756	4,828	486	162	5,318	2,687
07:00	2,172	760	4,832	590	163	5,797	3,410
08:00	2,608	736	4,836	725	157	6,827	2,983
09:00	2,932	746	4,828	861	147	7,583	2,965
10:00	2,956	736	4,826	893	123	7,754	2,846
11:00	2,856	742	4,828	894	125	7,658	2,744
12:00	2,300	760	4,828	933	138	7,512	3,021
13:00	2,244	756	4,826	927	135	7,457	3,362
14:00	2,344	762	4,828	814	141	7,345	3,330
15:00	2,258	756	4,828	699	149	7,272	3,134
16:00	2,302	774	4,832	643	145	7,300	3,216
17:00	2,560	742	4,828	639	153	7,566	3,294
18:00	2,540	752	4,828	654	157	7,729	3,257
19:00	2,424	752	4,828	697	158	7,727	3,181
20:00	2,164	756	4,828	698	162	7,723	3,434
21:00	1,760	764	4,828	688	161	7,692	3,446
22:00	1,580	756	4,816	669	158	7,677	3,447
23:00	1,332	772	4,802	651	157	7,611	3,194
24:00	1,236	764	4,798	617	157	7,233	3,282

## 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	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
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

Notes: Offtake points listed in this table comprise physical offtakes from the MDL-owned pipeline.