



Maui Development Limited

Peak Flow Information Disclosure

20 October 2015

Peak Flow Information Disclosure

This document contains our disclosure of peak flow information for the 12-month period ended on 30 September 2015. Such disclosure is required annually by section 2.5.2 of the Gas Transmission Information Disclosure Determination 2012 consolidating all amendments as of 24 March 2015 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 2015, during which the aggregate throughput of gas at all offtake points on the Maui pipeline (including the gross delivery volume to the bi-directional point at Frankley Road) 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. On that basis, the system peak flow period was the period of 24 consecutive hours beginning at 0000 hours (New Zealand Standard Time) on 30 July 2015.

2. Intake point throughputs

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

intake point	system peak throughput (GJ)
Oaonui	128,640
Frankley Road (gross intake)	20,295
Tikorangi Mixing Station	27,153
Tikorangi #2	15,318
Kowhai Mixing Station	0
Ngatimaru Road (Receipt)	171,559
Tikorangi #3 (Receipt)	70,248
Turangi Mixing Station	37,740

The net intake volume at Frankley Road during the system peak flow period was 19,245 GJ.

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 2015), 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 gross offtake peak flow is included in the table below.

offtake point	system peak flow	offtake peak flow	
	throughput (GJ)	day (NZST)	throughput (GJ)
Frankley Road (gross offtake)	1,050	06/11/2014	88,706
Bertrand Road (Waitara Valley)	48,690	29/05/2015	54,546
Faull Road	44,004	03/10/2014	52,388
Ngatimaru Road (Delivery)	142,805	27/11/2014	144,264
Pokuru	26,243	06/09/2015	28,843
Rotowaro	177,368	12/08/2015	185,128
Huntly Power Station	66,304	27/09/2015	84,320

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 offtake)	Bertrand Road (Waitara Valley)	Faull Road	Ngatimaru Road (Delivery)	Pokuru	Rotowaro	Huntly Power Station
01:00	-308	2,030	1,824	5,951	808	6,232	2,460
02:00	-294	2,039	1,852	5,953	851	5,384	2,336
03:00	-212	2,037	1,852	5,952	837	5,200	2,156
04:00	-142	2,029	1,852	5,954	794	5,048	1,960
05:00	-169	2,022	1,848	5,952	855	5,096	1,972
06:00	-192	2,021	1,848	5,953	898	5,280	2,192
07:00	22	2,022	1,832	5,953	962	6,008	2,732
08:00	500	2,022	1,824	5,947	457	7,136	2,912
09:00	314	2,023	1,816	5,945	890	8,384	2,880
10:00	-233	2,021	1,824	5,946	1,006	8,584	2,864
11:00	-386	2,028	1,832	5,950	1,107	8,576	2,852
12:00	-32	2,029	1,840	5,953	1,326	8,448	2,884
13:00	-580	2,024	1,828	5,950	1,353	8,440	3,148
14:00	-759	2,025	1,820	5,948	1,336	8,392	3,100
15:00	-526	2,027	1,844	5,957	1,315	8,224	3,060
16:00	-759	2,025	1,828	5,948	1,345	8,056	3,056
17:00	-1,787	2,025	1,832	5,951	1,356	8,000	2,904
18:00	-2,000	2,027	1,824	5,949	1,361	8,112	2,896
19:00	-1,735	2,024	1,820	5,945	1,342	8,200	2,992
20:00	-1,927	2,031	1,828	5,947	1,337	8,208	3,060
21:00	-1,793	2,041	1,828	5,950	1,343	8,176	3,004
22:00	-2,095	2,039	1,836	5,950	1,284	8,160	3,112
23:00	-2,143	2,039	1,832	5,950	1,089	8,080	3,104
24:00	-2,009	2,040	1,840	5,951	991	7,944	2,668

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	66.97	Ngatimaru Rd	Tikorangi	BH30 108 776
Ngatimaru Road (Delivery)	Offtake	66.97	Ngatimaru Rd	Tikorangi	BH30 108 776
Tikorangi #3 (Receipt)	Intake	70.26	Tikorangi Rd East	Tikorangi	BH30 134 769
Tikorangi #3 (Delivery)	Offtake	70.26	Tikorangi Rd East	Tikorangi	BH30 134 769
Turangi Mixing Station	Intake	70.98	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.