

GasNet's proposed  
amendments to revised  
Access Arrangement and  
draft Access Arrangement  
Information

Dated 13 September 2002

# GasNet's proposed amendments to revised Access Arrangement and draft Access Arrangement Information Contents

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# GasNet's proposed amendments to revised Access Arrangement and draft Access Arrangement Information

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## 1 Introduction

### 1.1 Proposed changes

On 27 March 2002, GasNet lodged with the Commission its proposed Access Arrangement and draft Access Arrangement Information.

It has subsequently come to GasNet's attention that there are a number of minor errors in GasNet's revised Access Arrangement which it now seeks to rectify. This documents sets out GasNet's proposed amendments to the revised Access Arrangement provided to the Commission on 27 March 2002.

In addition, GasNet has agreed with the Commission that it will include some additional information in its draft Access Arrangement Information. The new information set out below.

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## 2 Amendments to Access Arrangement

### 2.1 Schedule 1

Schedule 1 in GasNet's revised Access Arrangement is to be deleted and replaced with the material set out in Schedule 1 of this document.

### 2.2 Schedule 2

Schedule 2 in GasNet's revised Access Arrangement is to be deleted and replaced with the material set out in Schedule 2 of this document.

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## 3 Amendments to draft Access Arrangement Information

### 3.1 Prudent discounts

At the end of clause 5.12, insert the following:

*SEAGas Discount*

A consortium of companies is currently engaged in developing a transmission pipeline, to be known as the SEAGas pipeline, to export gas from the Port Campbell region to South Australia. This pipeline may be connected to the GNS at or near the WUGS facility at Iona.

The SEAGas off-take has not yet been constructed, but GasNet has been asked to consider the appropriate withdrawal tariff if SEAGas connected approximately 400 metres downstream of the TXU injection point in the WUGS facility. If gas were to be injected at WUGS and withdrawn at the SEAGas off-take then the injection charge would be zero, but the Withdrawal would be subject to the South West zone withdrawal tariff of approximately \$0.11/GJ.

However, it is not certain that the SEAGas off-take would be located downstream of the TXU injection point. Recent negotiations between Origin and TXU have led to an arrangement for both parties to share the SEAGas pipeline and it is now possible that the connection could be upstream of the TXU injection point.

In the event that the connection is built on the GasNet system, the marginal costs of supply would be very small. The appropriate tariff should be no less than the cost of constructing a bypass. While there are many uncertainties with this project, GasNet is of the view that a notional charge of \$0.02/GJ, in addition to the VENCORP charge, would not be unreasonable.

SEAGas tariffs:

Injection	\$0.0000 /GJ in 2003
Withdrawal	
Tariff-D	\$0.0200 /GJ in 2003

*VicHub Discount*

Duke Energy is currently developing a hub facility at Longford to connect the GNS to its Eastern Gas Pipeline and the Tasmania Gas Pipeline. The VicHub off-take is planned to be constructed approximately 20 metres downstream of the Longford injection point. It connects the GNS to the Duke EGP. GasNet has forecast that approximately 10 PJ per annum will be injected into the GNS from the EGP (sourced from the Baleen/Patricia fields). Under the standard tariff methodology, injections from VicHub pay the Longford injection charge

However, the facility also has the capability to withdraw gas from the GNS. If gas were to be injected at the Longford injection point and withdrawn from VicHub, the standard method would apply the Longford Injection tariff, discounted for withdrawals from the LaTrobe zone, plus the Latrobe Zone withdrawal tariff. The total tariff at 75% load factor would be approximately \$0.066/GJ. To this would be added the VENCORP charges which are approximately \$0.04/GJ.

Nevertheless, GasNet recognises the anomalous nature of this situation and believes it is reasonable to forgo the Latrobe withdrawal tariff. The injections at Longford would still pay the rebated Longford Injection Tariff which is approximately \$0.02/GJ at a 75% load factor. The VENCORP charge would continue to apply.

VICHub tariffs:

Injection	\$0.5573 /GJ in 2003
Withdrawal	
Tariff-D	\$0.0000 /GJ in 2003

### **3.2 Historical operating costs**

Before table 3-7 in section 3.5, insert the following:

GasNet's historical operating costs are set out in Table 3-6A below.

**Table 3-6A: Operating costs 1998 - 2002**

1998	1999	2000	2001	2002
16.97	14.14	11.86	13.90	18.55 <sup>(a)</sup>

<sup>(a)</sup> Estimated actual 2002

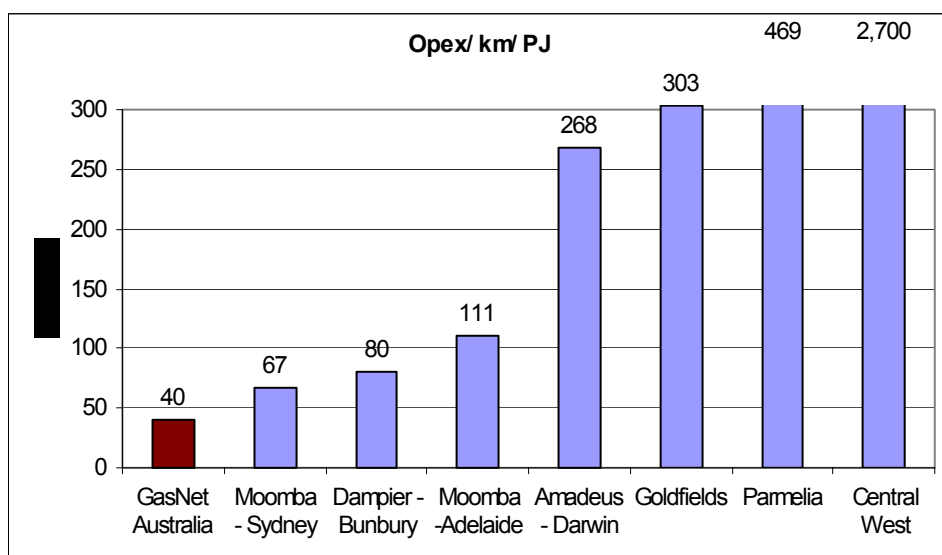
### 3.3 KPIs

After the last paragraph in clause 6.1 insert the following:

*Operating costs/TJ/km*

Another measure which is used to assess performance is operating costs/km/PJ. As indicated in the table below, GasNet performs well in relation to other Australian pipeline companies on this measure.

**Figure 6.5A: Operating costs/km/PJ**



# GasNet's proposed amendments to revised Access Arrangement and draft Access Arrangement Information

## Schedule 1 - Initial Transmission Tariffs

### 1.1 Transmission Tariffs

The Transmission Tariffs comprise:

- (a) the Injection Tariffs, being the tariffs for Injections into the GNS calculated under clause 1.2 of this Schedule; and
- (b) the Withdrawal Tariffs, being the tariffs for Withdrawals from the GNS calculated under clause 1.3 of this Schedule.

### 1.2 Injection Tariffs

The Injection Tariff applicable to an Injection into the GNS is determined by reference to the location of the Injection and the deemed location of the Matched Withdrawal.

The principles for determining the applicable Injection Zone and Matched Withdrawal Zone are discussed in clauses 1.4 and 1.5 of this Schedule.

#### (a) *Injection at Longford Injection Zone*

Matched Withdrawal Zone	Base Injection Tariff (\$/GJ, for 10 day Injection MDQ)	X-factor
All Withdrawal Zones except LaTrobe, Tyers, West Gippsland and Lurgi	2.3152	0.05
LaTrobe	0.5573	0.05
Tyers & Lurgi	0.5762	0.05
West Gippsland	1.5257	0.05

#### (b) *Injection at Culcairn Injection Zone*

Matched Withdrawal Zone	Base Injection Tariff (\$/GJ, for 10 day Injection MDQ)	X-factor
All Withdrawal Zones except Interconnect	1.1432	0.05
Interconnect	0.2604	0.05

(c) *Injection at Port Campbell Injection Zone*

<b>Matched Withdrawal Zone</b>	<b>Base Injection Tariff (\$/GJ, for 10 day Injection MDQ)</b>	<b>X-factor</b>
All Withdrawal Zones except Western and South West and Connected Transmission Pipeline 2	4.0860	0.0
Western and Connected Transmission Pipeline 2	0.0000	0.0
South West	2.9426	0.0

(d) *Injection at Pakenham Injection Zone*

<b>Matched Withdrawal Zone</b>	<b>Base Injection Tariff (\$/GJ, for 10 day Injection MDQ)</b>	<b>X-factor</b>
All Zones	0.4600	0.05

(e) *Injection at Dandenong Injection Zone*

<b>Matched Withdrawal Zone</b>	<b>Base Injection Tariff (\$/GJ, for 10 day Injection MDQ)</b>	<b>X-factor</b>
All Zones	0.0000	0.0

### 1.3 Withdrawal Tariffs

The Withdrawal Tariff applicable to a Withdrawal from the GNS is determined by reference to the location of the Connection Point at which the Withdrawal occurs and the nature of the Withdrawal.

The principles for determining the applicable Zone in which a Connection Point is located and the nature of a Withdrawal are discussed in clauses 1.4 and 1.6 of this Schedule.

(a) *Transmission Delivery Tariff*

Subject to the exceptions in clauses 1.3(b), (c), (d), (e), (f) and (g) of this Schedule, the Withdrawal Tariffs are as follows:

<b>Withdrawal Zone Number</b>	<b>Withdrawal Zone Name</b>	<b>Transmission delivery tariff D (\$/GJ)</b>	<b>Transmission delivery tariff V (\$/GJ)</b>	<b>X-factor</b>
1	LaTrobe	0.0460	0.0520	0.05
2	West Gippsland	0.1166	0.1166	0.05
3	Lurgi	0.1821	0.1850	0.05
4	Metro North West	0.2586	0.2783	0.05
5	Calder	0.9911	1.0615	0.05

<b>Withdrawal Zone Number</b>	<b>Withdrawal Zone Name</b>	<b>Transmission delivery tariff D (\$/GJ)</b>	<b>Transmission delivery tariff V (\$/GJ)</b>	<b>X-factor</b>
6	South Hume	0.3847	0.4191	0.05
7	Echuca	0.5944	0.8165	0.05
8	North Hume	0.8867	1.1835	0.05
9	Western	0.5150	0.6040	0.05
10	Murray Valley	2.0377	2.5556	0.0
11	Interconnect	0.8833	1.3433	0.05
13	South West	0.1142	0.1158	0.05
17	Wodonga	1.0518	1.3021	0.05
18	Tyers	0.1500	0.1557	0.05
19	Culcairn	0.7163	-	0.05
20	Metro South East	0.2586	0.2783	0.05

(b) *System Export Tariff*

Where a Connection Point in an Injection Zone services an export of gas from the GNS to a Connected Transmission Pipeline, gas Injected at that Injection Zone and Withdrawn through that Connection Point is subject to the System Export Tariff specified below, instead of the Withdrawal Tariff specified in clause 1.3(a) of this Schedule.

<b>Connected Transmission Pipeline Number</b>	<b>Connected Transmission Pipeline Name</b>	<b>System Export Tariff (\$/GJ)</b>	<b>X-factor</b>
1	VicHub	0.0000	0.0
2	Port Campbell to Adelaide Pipeline	0.0200	0.0

(c) *Transmission Refill Tariff*

Where a Connection Point services a Storage Facility all gas Withdrawn through that Connection Point is subject to the Transmission Refill Tariff specified below, instead of the Withdrawal Tariff specified in clause 1.3(a) of this Schedule.

<b>Storage Facility Number</b>	<b>Storage Facility Name</b>	<b>Transmission Refill Tariff (\$/GJ)</b>	<b>X-factor</b>
1	LNG	0.1130	0.0
2	WUGS	0.1210	0.0



(d) *Cross System Withdrawal Tariff*

If:

- (i) gas is Withdrawn at a Connection Point, other than a Connection Point servicing a Storage Facility, located on an Injection Pipeline other than the Interconnect Pipeline; and
- (ii) that Withdrawal is a Matched Withdrawal with respect to an Injection Zone other than the Injection Zone for that Injection Pipeline,

then the Withdrawal is subject to the following Cross System Withdrawal Tariff in addition to the applicable Injection Tariff and Withdrawal Tariff.

<b>Injection Pipeline</b>	<b>Cross System Withdrawal Tariff D (\$/GJ)</b>	<b>Cross System Withdrawal Tariff V (\$/GJ)</b>	<b>X-factor</b>
All	0.1428	0.1624	0.05

(e) *Matched Withdrawals - Culcairn*

If a Withdrawal in one of the following Zones is a Matched Withdrawal relating to Injections in the Culcairn Zone, then the following Matched Withdrawal Tariffs apply instead of the tariffs described in clause 1.3(a) of this Schedule:

<b>Withdrawal Zone Number</b>	<b>Withdrawal Zone Name</b>	<b>Transmission delivery tariff D (\$/GJ)</b>	<b>Transmission delivery tariff V (\$/GJ)</b>	<b>X-factor</b>
8	North Hume	0.3979	0.4517	0.05
10	Murray Valley	1.3183	1.6280	0.0
11A	Interconnect	0.1166	0.1166	0.05
17A	Wodonga	0.1090	0.1554	0.0

(f) *Matched Withdrawals - Metro (Pakenham)*

If a Withdrawal in the Metro South East Zone is a Matched Withdrawal relating to Injections in the Pakenham Zone, then the following Matched Withdrawal Tariffs apply instead of the tariffs described in clause 1.3(a) of this Schedule:

<b>Withdrawal Zone Number</b>	<b>Withdrawal Zone Name</b>	<b>Transmission delivery tariff D (\$/GJ)</b>	<b>Transmission delivery tariff V (\$/GJ)</b>	<b>X-factor</b>
20	Metro South East	0.0090	0.0090	0.0

(g) *Prudent Discounts - Warrnambool and Koroit*

If:

- (i) a Withdrawal is made in the Western Zone at a Connection Point designated by MIRN 30000089PC or MIRN 30000091PC; and
- (ii) at the time the Withdrawal is made, either the SEA Gas Pipeline or the Southern Gas Pipeline has been commissioned,

then that Withdrawal is subject to the Withdrawal Tariff specified below instead of the Withdrawal Tariff specified in clause 1.3(a) of this Schedule.

<b>Withdrawal Zone Number</b>	<b>Withdrawal Zone Name</b>	<b>Transmission delivery tariff D (\$/GJ)</b>	<b>Transmission delivery tariff V (\$/GJ)</b>	<b>X-factor</b>
9A	Western, MIRN 30000089PC (Warrnambool)	0.0630	0.0730	0.0
9B	Western, MIRN 30000091PC (Koroit)	0.1900	0.2660	0.0

#### **1.4 Assignment of Zones**

- (a) Each Withdrawal at a Connection Point is taken to occur in the Withdrawal Zone to which the Connection Point is allocated in accordance with Schedule 2.
- (a) Each Injection at a Connection Point is taken to occur in the Injection Zone to which the Connection Point is allocated in accordance with Schedule 2.

#### **1.5 Assignment of Withdrawals to Injection locations**

- (a) For the purposes of this Schedule, Withdrawals by a Shipper in a Withdrawal Zone on a Gas Day is deemed to have been Injected:
  - (i) at the closest Injection Zone at which the Shipper injected gas, to the extent that such Injections have not been deemed to have been Withdrawn at a closer Withdrawal Zone to that Injection Zone;
  - (ii) to the extent that Shipper's Withdrawals have not been allocated under clause (i), at the next closest Injection Zone at which the Shipper Injected gas on that Gas Day, to the extent that such Injections have not been deemed to have been Withdrawn at a closer Withdrawal Zone to that Injection Zone; and

- (iii) to the extent that Shipper's Withdrawals have not been allocated under clauses (i) and (ii), at further Injection Zones, in increasing order of distance, at which the Shipper Injected gas on that Gas Day, to the extent that such Injections have not been deemed to have been Withdrawn at closer Withdrawal Zones to those Injection Zones, until all Withdrawals by a Shipper are allocated to Injection Zones or all gas Injected by the Shipper on that Gas Day has been allocated, in which case paragraph (b) below applies.
- (b) If a Shipper's total Withdrawals on a Gas Day are greater than its total Injections on that Gas Day, then the applicable Withdrawal Tariff for Withdrawal quantities greater than Injections (after the allocation under paragraph (a)) will be the Withdrawal Tariff in the Withdrawal Zone at which the gas is Withdrawn .
- (c) If
  - (i) the quantity of gas that a Shipper has Injected at an Injection Zone on a Gas Day is greater than that Shipper's Matched Withdrawals between and including that Injection Zone and the Metro Withdrawal Zones for that Gas Day; and
  - (ii) that excess is Withdrawn from one or more of the LaTrobe, Tyers, Lurgi, West Gippsland or South West Withdrawal Zones,

then, in addition to any other applicable tariffs, all such excess gas will be subject to the Cross System Withdrawal Tariff, in addition to any applicable Injection or Withdrawal Tariff.

- (d) For the purposes of this clause 1.5:
  - (i) the distance between an Injection Zone and a Withdrawal Zone is measured by pipeline distance (and not geographic distance);
  - (ii) withdrawals at a Connected Transmission Pipeline subject to a System Export Tariff within a Withdrawal Zone are deemed to be closer to the Injection Point than other Withdrawals from that Withdrawal Zone;
  - (iii) all Injections and Withdrawals will be as determined by VENCORP under the MSO Rules;
  - (iv) a Shipper who injects gas at an Injection Zone may assign that gas for the purposes of calculation of Matched Withdrawals relating to that Injection Zone to any other Shipper who Withdraws gas from a Withdrawal Zone to which a discounted Injection Tariff for that Injection Zone applies; and
  - (v) assignment of gas under this clause 1.5 (d) (iii) must be evidenced by letters from both parties to GasNet.

## 1.6 Allocation to Tariff D and Tariff V

Withdrawals at a Connection Point are allocated to Tariff D and Tariff V as follows.

- (a) If the Connection Point services an individual Consumer, then all gas delivered through that Connection Point is allocated to Transmission Delivery Tariff D.
- (b) If the Connection Point is a connection with a transmission system, then all gas delivered through that Connection Point is subject to Transmission Delivery Tariff D.
- (c) If the Connection Point services a distribution system, then the volume of gas subject to Transmission Delivery Tariff D is the sum of the gas delivered from that distribution system, subject to Distribution Tariff D, plus the applicable benchmark DUAFG allowance (if any), as applied by VENCORP. Where the allocation of gas cannot be made at an individual Connection Point, the data is aggregated at the Transmission Zone level.
- (d) In any other case, the Withdrawal is subject to Transmission Delivery Tariff V.

## 1.7 Billing parameters

Transmission Tariffs are charged in accordance with the billing parameters defined below.

- (a) Except where otherwise agreed between GasNet and the Shipper, the Shipper will be charged monthly.
- (b) Transmission Tariffs applying to the calendar year are charged in accordance with the following procedure:

Charges are levied monthly in arrears where the monthly charge for month  $m$  is calculated by applying the following, summed over all Zones (1 –  $n$ ):

$$MCA = \sum_1^n (MV_e * TC)_D + (MV_e * TC)_V + (MV_e * TC)_R + (MV_e * TC)_C + ADJ$$

where:

$MCA$  is the charge for the billing period;

$MV_e$  is the estimated monthly volume for month  $m$  Withdrawn in the relevant Zone as provided by VENCORP at day  $M+18$ ;

$TC$  is the tariff applicable for that Zone;

$D$  refers to Transmission Delivery Tariff D;

$V$  refers to Transmission Delivery Tariff V;

R refers to Refill Withdrawal Tariffs;

C refers to Cross System Tariffs; and

ADJ is the adjustment for month m-3.

Where:

$$ADJ = \sum_1^n ((MV - MV_e) * TC)_D + ((MV - MV_e) * TC)_V + ((MV - MV_e) * TC)_R + ((MV - MV_e) * TC)_C$$

where:

*MV* is the monthly volume for month m Withdrawn in the relevant Zone as provided by VENCORP at day M+118.

(c) Injection Tariffs applying to the Peak Period are charged in aggregate according to the following procedure:

(i) for a billing period between January and October, the monthly charge is calculated by applying the relevant tariff to EMC, where EMC is:

(A) a monthly allocation of forecast 10 Day Injection MDQ for Regulatory Year “t”, using a quantity agreed by GasNet and the Shipper or, failing agreement:

(aa) a load profile, based on the Shipper’s actual annual Withdrawal load profile for Regulatory Year “t-1”; or

(ab) if the Shipper has no load profile for Regulatory Year “t-1”, the average system load profile for Regulatory Year “t-1”.

Where the forecast 10 Day Injection MDQ for Regulatory Year “t” is based on an allocation of the forecast 10 Day Injection MDQ used to set the Transmission tariffs for Regulatory Year “t”.

(ii) for the November and December billing periods, the monthly charge is calculated by applying the following formula:

$$MC = (AAC - CBTD)/2$$

where:

*MC* is the charge for the November and December billing periods in Regulatory Year “t”.

*CBTD* is the sum of the charges for all prior billing periods of Regulatory Year “t”.

*AAC* is the annual charge calculated by applying the relevant Transmission Tariff components to *EAD*.

where *EAD* is:

the actual 10 Day Injection MDQ for Regulatory Year “t”.

## 1.8 Glossary

The following meanings apply unless the contrary intention appears:

**Base Injection Tariff** means the tariff applicable to Injections at an Injection Zone before application of any Matched Injection Factors

**Connected Transmission Pipeline** means a licensed transmission gas pipeline that is not included in the GNS and that is connected to the GNS to allow gas to be Injected into or Withdrawn from the GNS.

**Connection Point** means a point where gas may be Injected into or Withdrawn from the GNS.

**Consumer** means a person who consumes or proposes to consume gas transported through the GNS.

**Distribution Tariff D** means the relevant gas distribution tariff of that name or, if no such tariff exists, a reasonable replacement nominated by GasNet and approved by the Commission.

**DUAFG** means distribution unaccounted for gas.

**Gas Day** has the same meaning as in the MSO Rules.

**Injection** means an Injection of gas into the GNS (and Inject has a corresponding meaning).

**Injection Pipeline** means, in relation to an Injection Zone, the corresponding pipeline or pipelines and, to avoid doubt, includes:

- (a) in relation to the Longford Injection Zone, any or all of the pipeline from Longford to Pakenham;
- (b) in relation to the Western Injection Zone, any or all of the pipeline from Iona to Lara; and
- (c) in relation to the Culcairn Injection Zone, any or all of the pipeline from Culcairn to Barnawartha.

**Injection Tariffs** means the tariffs for Injections of gas into the GNS calculated in accordance with clause 1.2 of this Schedule.

**Injection Point** means a Connection Point at which gas may be Injected into the GNS.

**Injection Zone** means the Injection Point or Injection Points identified in Schedule 2 as an “Injection Zone”.

**LNG Storage Facility** means the LNG storage facility owned by GasNet which is located at Dandenong.

**Matched Withdrawal** means, in relation to any gas Injected into the GNS, the corresponding Withdrawal (if any) to which the gas is allocated under the rules set out in clause 1.5 of this Schedule.

**MIRN** means meter identification registration number.

**Peak Period** means the period of 1 June to 30 September of a calendar year.

**Regulatory Year** means a period beginning on 1 January and ending on 31 December each year during the Second Access Arrangement Period.

**Shipper** means a person who transports gas on the GNS.

**Storage Facility** means a facility for the storage of gas including the LNG Storage Facility and underground storage.

**10 Day Injection MDQ** means, in relation to each Zone a quantity of gas (in GJ) Injected on behalf of a Shipper at an Injection Zone during the 10 Gas Days in the Peak Period when the 10 highest quantities of gas (in GJ) were Injected at that Zone.

**Transmission Delivery Tariff** means Transmission Delivery Tariff D or Transmission Delivery Tariff V.

**Transmission Delivery Tariff D** means the tariffs identified as “transmission delivery tariff D” in clause 1.3(a) of this Schedule..

**Transmission Delivery Tariff V** means the tariffs identified as “transmission delivery tariff V” in clause 1.3(a) of this Schedule.

**Transmission Refill Tariff** means the tariffs specified in 1.3(b) of this Schedule.

**VicHub** means the licensed transmission pressure gas pipeline joining the GNS to the Eastern and Tasmanian Gas Pipelines in the vicinity of Longford.

**Withdrawal** means a withdrawal of gas from the GNS (and Withdraw has a corresponding meaning).

**Withdrawal Point** means a Connection Point at which gas may be Withdrawn from the GNS.

**Withdrawal Tariffs** means the tariffs for Withdrawals of gas from the GNS calculated in accordance with clause 1.3 of this Schedule.

**Withdrawal Zone** means the Withdrawal Point or Withdrawal Points identified in Schedule 2 as a “Withdrawal Zone”.

**Zone** means a Withdrawal Zone or an Injection Zone.

# GasNet's proposed amendments to revised Access Arrangement and draft Access Arrangement Information

## Schedule 2 - Injection and Withdrawal Zones

### 2.1 Injection Zones

The Injection Zones are as described below.

An Injection Point forms part of an Injection Zone if the Injection Point is designated by a MIRN identified with respect to an Injection Zone, as follows.

Injection Zone	Meter No.	MIRN	Site Name
Port Campbell	M000	30000000PC	North Paaratte
	NA	30000154PC	Iona
Longford	M001	30000001PC	Longford
Dandenong	M108	30000101PC	Dandenong (LNG 2750)
Pakenham	NA	NA	Pakenham
Culcairn	M126	20000002PC	Culcairn

The Pakenham Zone will be designated by GasNet if gas supplies from the Yolla field are Injected into the GNS at or near Pakenham.

Any Injection Point that is not described above will be allocated by GasNet to a new or existing Injection Zone consistent with the existing allocations.

### 2.2 Withdrawal Zones

The Withdrawal Zones are as described below.

A Withdrawal Point forms part of a Withdrawal Zone if the Withdrawal Point is designated by a MIRN identified with respect to a Withdrawal Zone, as follows.

Meter No.	Site Name	MIRN
<b>1 LaTrobe Zone</b>		
M078	Rosedale	30000072PC
M079	Sale	30000073PC
M085	Traralgon	30000079PC
M104	Maryvale (Amcor)	30000097PC
M134	EMEAL (Loy Yang)	30000164PC
<b>2 West Gippsland</b>		



Meter No.	Site Name	MIRN
n/a		
<b>3 Lurgi</b>		
M062	Drouin	30000057PC
M070	Longwarry	30000065PC
M075	Moe	30000069PC
M084	Trafalgar	30000078PC
M090	Warragul (Works)	30000084PC
M092	Yarragon	30000086PC
M098	Cloverlea (Darnum)	30000092PC
<b>4 Metro North West</b>		
M008	Brooklyn Compressor Station	30000010/11PC
M009	West Melbourne (Footscray)	30000012PC
M011	Melbourne (Queens Wharf Rd)	30000013PC
M013	Spotswood	30000015/16PC
M014	West Melbourne (N. Melbourne)	30000017/18PC
M026	Derrimut City Gate	30000026PC
M027	Melton South City Gate	30000027PC
M028	Laverton North City Gate	30000028PC
M029	Hoppers Crossing (Forsyth Rd)	30000029PC
M030	Hoppers Crossing (Heath's Rd)	30000030PC
M031	Werribee (Old Sneydes Rd)	30000031PC
M032	Werribee (Lock Av)	30000032PC
M045	Sunbury	30000043PC
M048	Diggers Rest	30000044PC
M049	Sydenham	30000045PC
M051	Avalon	30000046PC
M065	Corio	30000060PC
M069	Lara	30000064PC
M103	Newport (Ecogen)	30000096PC
M107	Laverton North (BHP Methanol)	30000100PC
M115	Keon Park East	30000107/108PC
M116	Keon Park West	30000109/110PC
M117	Craigieburn	30000111PC
M118	Epping (O'Herns Rd)	30000112PC
M121	Rockbank	30000117PC
M125	Mernda (Laurimar Park)	30000145PC
M135	Somerton	30000165PC
<b>5 Calder</b>		
M052	Bacchus Marsh	30000047PC
M053	Ballan	30000048PC
M054	Ballarat	30000049PC
M057	Bendigo	30000052PC
M059	Castlemaine	30000054PC
M061	Daylesford	30000056PC
M068	Kyneton	30000063PC
M073	Maryborough	30000067PC
M086	Wallace	30000080PC
M099	Carisbrook	30000093PC
<b>6 South Hume</b>		
M058	Broadford	30000053PC
M064	Euroa	30000059PC
M066	Kilmore	30000061PC
M077	Seymour (Supply to Puckapunyal)	30000071PC
M080	Seymour (Telegraph Rd)	30000074PC
M087	Wallan	30000081PC

<b>Meter No.</b>	<b>Site Name</b>	<b>MIRN</b>
<b>7 Echuca</b>		
M063	Echuca	30000058PC
M067	Kyabram	30000062PC
M074	Merrigum	30000068PC
M081	Shepparton	30000075PC
M082	Tatura	30000076PC
M083	Tongala	30000077PC
<b>8 North Hume</b>		
M055	Benalla	30000050PC
M056	Benalla (Supply to Monsbent)	30000051PC
M088	Wangaratta	30000082PC
M089	Wangaratta East	30000083PC
M100	Chiltern	30000094PC
<b>9 Western</b>		
M093	Cobden	30000087PC
M094	Hamilton	30000088PC
M096	Portland	30000090PC
M095	Koroit	30000089PC
M097	Allansford	30000091PC
<b>10 Murray Valley</b>		
M111	Rutherglen	30000103PC
M112	Yarrawonga	30000104PC
M113	Cobram	30000105PC
M114	Koonoomoo	30000106PC
<b>11 Interconnect</b>		
M130	Walla Walla	20000003PC
<b>13 South West</b>		
M133	Colac	30000161PC
NA	Iona (WUGS)	30000154PC
<b>17 Wodonga</b>		
M091	Wodonga	30000085PC
<b>18 Tyers</b>		
M060	Churchill	30000055PC
M071	Morwell (Firmin's Lane)	30000066PC
M076	Morwell (Porter's Rd)	30000070PC
M102	Jeeralang (Ecogen)	30000095PC
<b>19 Culcairn</b>		
M126	Culcairn	20000002PC
<b>20 Metro South East</b>		
M002	Dandenong T.S. (Peninsula)	30000002PC
M003	Dandenong (Henty St)	30000003/4PC
M004	Murrumbeena	30000005/6PC
M005	Dandenong T.S. (Lurgi)	30000007PC
M006	Dandenong (LNG 700)	30000159/160PC
M007	Dandenong T.S. (Edithvale)	30000009PC
M012	St. Kilda (Aughtie Dr)	30000014PC
M015	Noble Park	30000019PC
M016	Clayton	30000020PC
M017	Oakleigh	30000021PC
M018	Malvern (Ewart St)	30000022PC
M019	St. Kilda East (Orrong Rd)	30000023PC
M023	Port Melbourne (Howe Pde)	30000024PC
M024	Port Melbourne (Lorimer St)	30000025PC
M033	Healesville	30000033PC
M034	Gembrook	30000034PC
M035	Lyndhurst	30000035PC
M036	Cranbourne (Huon Park Rd)	30000036PC
M037	Cranbourne (Narre Warren Rd)	30000037PC

Meter No.	Site Name	MIRN
M038	Clyde North (Tuckers Rd)	30000038PC
M040	Pakenham (Koo Wee Up Rd)	30000039PC
M042	Hampton Park	30000040PC
M043	Narre Warren	30000041PC
M044	Berwick	30000042PC
M105	Port Melbourne (Unichema)	30000098PC
M109	Dandenong (LNG 7000)	30000102PC

Any Withdrawal Point that is not described above will be allocated by GasNet to a Withdrawal Zone consistent with the existing allocations.

### 2.3 Allocation of Supply Points to Withdrawal Zones

For the purpose of allocation of Supply Points to Withdrawal Zones:

- (a) Supply Points served directly from the GNS are individually allocated based on the Custody Transfer Meter providing supply to that Supply Point;
- (b) Supply Points assigned to Distribution Tariff D are individually allocated based on the Custody Transfer Meter providing supply to that Supply Point; and
- (c) Supply Points assigned to Distribution Tariff V are allocated to Withdrawal Zones on the basis of postcodes according to the following table.

Withdrawal Zone		Postcodes
Number	Name	
1	LaTrobe	3844, 3847, 3850, 3851, 3854, 3856, 3857, 3859, 3860, 3873
2	West Gippsland	3831
3	Lurgi	3816, 3818, 3820, 3822, 3823, 3824, 3825
4	Metro North West	3000, 3002, 3003, 3005, 3008, 3011, 3012, 3013, 3015, 3016, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3056, 3057, 3058, 3059, 3060, 3061, 3062, 3063, 3064, 3065, 3066, 3067, 3068, 3070, 3071, 3072, 3073, 3074, 3075, 3076, 3078, 3079, 3081, 3082, 3083, 3084, 3085, 3087, 3088, 3089, 3090, 3091, 3093, 3094, 3095, 3096, 3097, 3099, 3202, 3204, 3211, 3212, 3214, 3215, 3216, 3217, 3218, 3219, 3220, 3221, 3222, 3223, 3224, 3225, 3226, 3227, 3228, 3230, 3231, 3232, 3235, 3240, 3335, 3337, 3338, 3427, 3428, 3429, 3430, 3431, 3432, 3750, 3751, 3752, 3754, 3755, 3759, 3760, 3761, 3763, 3775
5	Calder	3334, 3340, 3341, 3342, 3345, 3350, 3351, 3352,

		3355, 3356, 3357, 3363, 3364, 3370, 3437, 3444, 3446, 3447, 3448, 3450, 3451, 3453, 3458, 3460, 3461, 3462, 3463, 3464, 3465, 3472, 3515, 3550, 3551, 3555, 3556
6	South Hume	3433, 3434, 3435, 3442, 3521, 3522, 3607, 3608, 3658, 3659, 3660, 3662, 3663, 3664, 3665, 3666, 3753, 3756, 3757, 3758, 3762, 3764
7	Echuca	2731, 3561, 3564, 3614, 3616, 3617, 3618, 3620, 3621, 3622, 3623, 3624, 3629, 3630, 3631, 3633, 3647
8	North Hume	3669, 3670, 3672, 3673, 3675, 3677, 3678, 3682, 3683, 3725, 3726, 3732, 3733, 3735, 3746, 3747, 3749
9	Western	3264, 3265, 3266, 3267, 3268, 3270, 3284, 3285, 3286, 3287, 3289, 3300, 3301, 3302, 3303, 3304, 3305
9A	Warrnambool	3277, 3278, 3279, 3280, 3281
9B	Koroit	3275, 3276, 3282, 3283
10	Murray Valley	2646, 2647, 2712, 2713, 2714, 3635, 3636, 3637, 3638, 3640, 3641, 3644, 3649, 3685, 3687, 3728, 3730
11	Interconnect	2642, 2643, 2658, 2659, 2660
13	South West	3235, 3236, 3241, 3242, 3243, 3249, 3250, 3254, 3260, 3321, 3331
17	Wodonga	2640, 2641, 3688, 3690, 3691, 3693, 3694
18	Tyers	3840, 3842, 3869
19	Culcairn	NA
20	Metro South East	3004, 3006, 3101, 3102, 3103, 3104, 3105, 3106, 3107, 3108, 3109, 3111, 3113, 3114, 3115, 3116, 3121, 3122, 3123, 3124, 3125, 3126, 3127, 3128, 3129, 3130, 3131, 3132, 3133, 3134, 3135, 3136, 3137, 3138, 3139, 3140, 3141, 3142, 3143, 3144, 3145, 3146, 3147, 3148, 3149, 3150, 3151, 3152, 3153, 3154, 3155, 3156, 3158, 3159, 3160, 3161, 3162, 3163, 3165, 3166, 3167, 3168, 3169, 3170, 3171, 3172, 3173, 3174, 3175, 3177, 3178, 3179, 3180, 3181, 3182, 3183, 3184, 3185, 3186, 3187, 3188, 3189, 3190, 3191, 3192, 3193, 3194, 3195, 3196, 3197, 3198, 3199, 3200, 3201, 3205, 3206, 3207, 3765, 3766, 3767, 3770, 3777, 3781, 3782, 3783, 3785, 3786, 3787, 3788, 3789, 3791, 3792, 3793, 3795, 3796, 3802, 3803, 3804, 3805, 3806, 3807, 3808, 3809, 3810, 3812, 3813, 3814, 3815, 3910, 3911, 3912, 3913, 3915, 3916, 3918, 3919, 3920, 3921, 3922, 3923, 3926, 3927, 3928, 3929, 3930, 3931, 3933, 3934, 3936, 3937, 3938, 3939, 3940, 3941, 3942, 3943, 3944, 3975, 3976, 3977, 3978, 3980, 3981, 3984, 3987

NOTE:

Prior to the commissioning of a Pt Campbell to Sth Australia pipeline, Zones 9A & 9B are included in Zone 9.

All gas delivered through Zone 19 (Culcairn) is allocated to Tariff D.