

Part 1. Introduction

Purpose

The Gas (Processing Facilities Information Disclosure) Rules 2008 (the 'Rules') provide a process for deciding on the need for regulation of third party access to gas processing facilities. A 'gas processing facility' separates the various parts of the fluid from a well. It removes impurities and provides specification gas and gas liquids.

The Rules require the owners of gas processing facilities to disclose certain information to Gas Industry Co. This includes annual information about ownership of gas processing facilities, forecasts of spare capacity, and technical information on the capacity of facilities (refer to Part 2 of the Rules).

Owners of gas processing facilities must use this form to provide the information under Part 2 of the Rules.

Who should use this form?

If you are the owner of a gas processing facility, you must use this form to provide the information required under Part 2 of the Rules.

If the facility has more than one owner, only one owner needs to provide information for that facility.

A director or principal officer of the facility owner must certify disclosed information (see Part 10 of this form).

What information is required?

The Rules require facility owners to disclose, for each gas processing facility:

- the ownership share and contact details of all facility owners;
- forecasts of spare gas processing capacity; and
- technical information on the capacity of gas processing facilities.

Facility owners must provide this information no later than 30 business days after the anniversary of the commencement date of the Rules or after the commissioning date of the gas processing facility, whichever is applicable, and annually on the anniversary of the date the information was first supplied.

How will the information be used?

Gas Industry Co publishes all the information provided on this form. It places the information on the Gas Industry Co website within 10 business days of receiving it.

Sending disclosure information

For facility owners who provide information disclosures on the anniversary of the commencement date of the Rules please email your disclosure information to infodisclosures@gasindustry.co.nz by **9 August 2013**.

See Part 11 of this form (Submitting Disclosure Information) for detailed instructions.

For more information

For more information about the Rules go to <http://www.gasindustry.co.nz/work-programme/gas-processing-facilities-information-disclosure?tab=389>

Or contact Ian Wilson at Gas Industry Co: +64 4 494 2462, Ian.Wilson@gasindustry.co.nz

Part 2. Your Details

Name	Max Murray
Title	Manager Production Upstream
Company	Origin Energy Resources New Zealand Limited
Postal Address	Private Bag 2022, New Plymouth 4310
Phone	06 759 2518
Fax	06 769 9804
Email	max.murray@originenergy.com.au

Part 3. Facility Operator Details

Company	Origin Energy Resources Kupe New Zealand Limited
Postal Address	Private Bag 2022, New Plymouth 4310
Contact Name	Max Murray
Contact Title	Manager Production Upstream
Contact Phone	06 759 2518
Contact Fax	06 769 9804
Contact Email	max.murray@originenergy.com.au

Part 4. Facility Ownership Details

If the sole owner of the gas processing facility is the Facility Operator listed in Part 3, leave this part blank.

Legal Entity	Origin Energy Resources New Zealand (TAWN) Limited	Ownership Share (%)	100%
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Part 5. Facility Description	
Facility Name	Waihapa Production Station
Physical Address	Bird Road, Stratford, Taranaki
Description of gathering facilities in service	<p>The main production facility comprises of two separate plants:</p> <ul style="list-style-type: none"> • Waihapa Oil Plant • Tariki Ahuroa Gas (TAG) Plant <p>A 66km network of gathering lines and well site facilities supply feedstock to the two plants.</p>
Description of primary separation processing facilities in service	<p>The Waihapa Oil Plant comprises of two trains for three phase separation of oil, water and gas.</p> <p>The TAG Plant comprises of one inlet separator for three phase separation of condensate, water and gas.</p>
Description of gas treatment facilities in service	<p>TAG Plant Gas conditioning is achieved using a propane refrigeration system to meet NZS 5442:2008 Reticulated Natural Gas</p>
Description of inactive/mothballed gas processing facilities including estimated timeframes for recommissioning	<ul style="list-style-type: none"> • Tri Ethylene Glycol system • Three phase test separator

Part 6. Entry/Exit Specifications

Provide the entry/exit specifications for all feedstocks and products that can be accommodated by the gas processing facility. Indicate whether the specifications apply to in-service facilities or mothballed/inactive facilities. If appropriate, attach existing documents containing the required information and reference the relevant section of this form.

Entry specifications (by feedstock)

Both facilities are designed to receive various well streams, generally:

- Crude Oil
- Condensate
- Natural Gas

Gas and Liquids would need to be of an appropriate specification to avoid processing problems i.e. waxing and achieving specification gas.

Exit specifications (by product)

Products exiting the facility meet the following specifications:

- NZS 5442:2008 Reticulated Natural Gas
- NZS 5435:1996 (Inc. A1) Liquefied Natural Gas
- Oil/Condensate to meet McKee blend specifications at the Omata Tank Farm

Part 7. Capacity Summary				
Indicative processing capacity of in-service facilities (PJ per annum)	14.9PJ			
Spare capacity as a % of indicative processing capacity (tick one box per time period)	Time Period	< 5%	5%-25%	> 25%
	0-24 months	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2-5 years	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5+ years	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments (include here details of interruptible capacity, if available, and spare capacity information for mothballed or inactive facilities)	The above percentage of capacity estimates may be subject to change at any time given exploration, development success or other factors not yet foreseeable.			

Part 8. Capacity Details	
Provide capacity details of the gas processing facility for each unit process. If the gas processing facility is not configured to perform a given unit process, enter 'NA'. State capacity units as well as conditions or assumptions for each unit process (for example, '90 mmcsfd @ < 10 ppm H ₂ S' or '600 bpd as natural gasoline'). Spare capacity information for specific feedstocks and/or products can also be reported here.	
Gas lift capacity	3.0 MMscf/day
Produced water handling capacity	3,600 bbls/day storage capacity
Water injection capacity	18,000 bbls/day
CO ₂ removal capacity	N/A
H ₂ S removal capacity	N/A

Part 8. Capacity Details	
Dehydration capacity	Waihapa Oil Plant 12.0 MMscf/day TAG Plant 5.0 MMscf/day
Hydrocarbon dewpointing capacity	Achieved using propane refrigeration, sized for 42.0 MMscf/day
Export gas compression capacity	42.0 MMscf/day
Gas export capacity	42.0 MMscf/day
Oil export capacity	12,000 bbls/day
LPG fractionation capacity	2,000 bbls/day
LPG storage and loadout capacity	445 M3 (approximately 245 tonnes)
Limiting factors	Gas compression

Part 9. Additional Information

Enter additional comments, if needed, to explain information disclosed in Parts 2 through 8.

Part 10. Certification

A director or principal officer of the facility owner submitting this information disclosure form must complete this section. 'Director' has the same meaning as in section 2(1) of the Securities Act 1978. A 'principal officer' means a person whose functions include ensuring that the facility owner discloses the information required under the Rules.

The facility owner must ensure that all information disclosed under Part 2 of the Rules is certified as correct. The information provided in this disclosure does not provide a guarantee of performance nor commit the facility owner to processing gas.

Signed on behalf of: Origin Energy Resources New Zealand (TAWN) Limited (facility operator)

 (signature)

By: Max Murray (insert name of signatory)

Information provided as at: 11th June 2013 (insert date)

Part 11. Submitting Disclosure Information

Please download the disclosure form from Gas Industry Co's website. Once complete, please email your disclosure form to infodisclosures@gasindustry.co.nz

Disclosures can only be emailed by the director or principle officer of the facility. The body of the message must include the following text: 'The facility owner has ensured that the information provided in this disclosure form is correct. The information provided in this disclosure does not provide a guarantee of performance nor commit the facility owner to processing gas.'

All public information disclosures will be published on Gas Industry Co's website after the closing date.

Disclosures regarding third party requests for information are treated in confidence.

Note Gas Industry Co will acknowledge receipt of all disclosures by email. Please contact Jay Jefferies (Ph: +64 4 472 1800 or email: jay.jefferies@gasindustry.co.nz) if you do not receive an email acknowledging your disclosure within two business days.

Part 12. Units of Measure

Except for the information in Part 7 (Capacity Summary), you may use either imperial or metric units of measure in this information disclosure form. Please include the conditions or assumptions for each measure (for example, '90 mmscfd @ < 10 ppm H₂S' or '600 bpd as natural gasoline'). Preferred units of measure (and context) include the following:

mmscfd	million standard cubic feet per day (natural gas processing)
bpd	barrels per day (water handling, water injection, oil export)
tpd	tonnes per day (LPG fractionation, LPG loadout)