



**GTB Information Disclosure Requirements
Information Templates
for
Schedules 1–10**

Company Name	First Gas Limited (Transmission)
Disclosure Date	9 December 2016
Disclosure Year (year ended)	30 June 2016

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 24 March 2015

Company Name	First Gas Limited (Transmission)
For Year Ended	30 June 2016

SCHEDULE 1: ANALYTICAL RATIOS

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7 **1(i): Expenditure Metrics**

	Ratio of expenditure to quantity of gas delivered (\$ per TJ)	Ratio of expenditure to system length (\$ per km)
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17 **1(ii): Service Intensity Measures**

19	Volume density	34	Quantity of gas delivered per km of system length (TJ/km)
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21 **1(iii): Composition of Revenue Requirement**

	(\$000)	% of revenue
23		
24		
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31 **1(iv): Reliability**

33	Interruption rate	1.5938	Interruptions per 100km of system length
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Company Name	First Gas Limited (Transmission)
For Year Ended	30 June 2016

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the GTB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GTBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID determination or if they elect to. If a GTB makes this election, information supporting this calculation must be provided in 2(iii). GTBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

	CY-2 30 Jun 14 %	CY-1 30 Jun 15 %	Current Year CY 30 Jun 16 %
2(i): Return on Investment			
ROI – comparable to a post tax WACC			
Reflecting all revenue earned	6.67%	5.63%	5.86%
Excluding revenue earned from financial incentives	6.67%	5.63%	5.86%
Excluding revenue earned from financial incentives and wash-ups	6.67%	5.63%	5.86%
Mid-point estimate of post tax WACC	6.16%	6.76%	6.02%
25th percentile estimate	5.35%	5.95%	5.21%
75th percentile estimate	6.97%	7.57%	6.83%
ROI – comparable to a vanilla WACC			
Reflecting all revenue earned	7.35%	6.40%	6.49%
Excluding revenue earned from financial incentives	7.35%	6.40%	6.49%
Excluding revenue earned from financial incentives and wash-ups	7.35%	6.40%	6.49%
WACC rate used to set regulatory price path	7.44%	7.44%	7.44%
Mid-point estimate of vanilla WACC	6.84%	7.54%	6.65%
25th percentile estimate	6.03%	6.73%	5.84%
75th percentile estimate	7.65%	8.35%	7.46%
2(ii): Information Supporting the ROI			
			(\$000)
Total opening RAB value	503,203		
Opening RIV		503,203	
Line charge revenue		94,740	
Expenses cash outflow	36,476		
plus Assets commissioned	14,450		
less Asset disposals	621		
plus Regulatory tax allowance	9,552		
less Other regulated income	83		
Mid-year net cash outflows		59,774	
Term credit spread differential allowance		-	
Total closing RAB value	497,278		
less Adjustment resulting from asset allocation	(3,079)		
less Lost and found assets adjustment	-		
Closing RIV		500,356	
ROI – comparable to a vanilla WACC			6.49%
Leverage (%)			44.0%
Cost of debt assumption (%)			5.11%
Corporate tax rate (%)			28.0%
ROI – comparable to a post tax WACC			5.86%

2(iii): Information Supporting the Monthly ROI

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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sch ref		(\$000)					
	Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows	
63	Opening RIV					N/A	
64							
65							
66							
67	Month 1					-	
68	Month 2					-	
69	Month 3					-	
70	Month 4					-	
71	Month 5					-	
72	Month 6					-	
73	Month 7					-	
74	Month 8					-	
75	Month 9					-	
76	Month 10					-	
77	Month 11					-	
78	Month 12					-	
79	Total	-	-	-	-	-	
80							
81	Regulatory tax allowance					N/A	
82							
83	Term credit spread differential allowance					N/A	
84							
85	Closing RIV					N/A	
86							
87							
88	Monthly ROI – comparable to a vanilla WACC					N/A	
89							
90	Monthly ROI – comparable to a post tax WACC					N/A	
91							
92	2(iv): Year-end ROI rates for comparison purposes						
93							
94	Year-end ROI – comparable to a vanilla WACC					6.29%	
95							
96	Year-end ROI – comparable to a post tax WACC					5.66%	
97							
98	<i>* The year-end ROI values are comparable to the ROI reported in pre 2012 disclosures by GTBs and do not represent the Commission's current view on ROI.</i>						
99							
100	2(v): Financial Incentives and Wash-Ups						
101							
102	Net recoverable costs allowed under incremental rolling incentive scheme					-	
103	Other financial incentives					-	
104	Financial incentives					-	
105							
106	Impact of financial incentives on ROI					-	
107							
108	Input methodology claw-back					-	
109	Recoverable customised price-quality path costs					-	
110	Other wash-ups					-	
111	Wash-up costs					-	
112							
113	Impact of wash-up costs on ROI					-	

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the GTB for the disclosure year. GTBs must complete all sections and must provide explanatory comment or their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	3(i): Regulatory Profit	(\$000)
8	Income	
9	Line charge revenue	94,740
10	<i>plus</i> Gains / (losses) on asset disposals	-
11	<i>plus</i> Other regulated income (other than gains / (losses) on asset disposals)	83
12		
13	Total regulatory income	94,823
14	Expenses	
15	<i>less</i> Operational expenditure	32,459
16		
17	<i>less</i> Pass-through and recoverable costs excluding financial incentives and wash-ups	4,017
18		
19	Operating surplus / (deficit)	58,347
20		
21	<i>less</i> Total depreciation	18,769
22		
23	<i>plus</i> Total revaluations	2,093
24		
25	Regulatory profit / (loss) before tax	41,671
26		
27	<i>less</i> Term credit spread differential allowance	-
28		
29	<i>less</i> Regulatory tax allowance	9,552
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	32,119
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	1,233

36	Commerce Act levies			578	
37	Industry Levies			21	
38	CPP specified pass through costs			-	
39	Recoverable costs excluding financial incentives and wash-ups				
40	Balancing gas costs			2,185	
41	Other recoverable costs excluding financial incentives and wash-ups			-	
42	Pass-through and recoverable costs excluding financial incentives and wash-ups				4,017
43					
44	3(iii): Incremental Rolling Incentive Scheme				
45					
46					
47	Allowed controllable opex				
48	Actual controllable opex				
49					
50	Incremental change in year				
51					
52					
53	CY-5	30 Jun 11			
54	CY-4	30 Jun 12			
55	CY-3	30 Jun 13			
56	CY-2	30 Jun 14			
57	CY-1	30 Jun 15			
58	Net incremental rolling incentive scheme				-
59					
60	Net recoverable costs allowed under incremental rolling incentive scheme				-
61					
62	3(iv): Merger and Acquisition Costs				
63					
64	Merger and acquisition expenditure				
65					
66	<i>Provide commentary on the benefits of merger and acquisition expenditure to the gas transmission business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>				
67					
68	3(v): Other Disclosures				
69					
70	Self-insurance allowance				

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. GTBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

4(i): Regulatory Asset Base Roll Forward		for year ended				
		RAB 30 Jun 12 (\$000)	RAB 30 Jun 13 (\$000)	RAB 30 Jun 14 (\$000)	RAB 30 Jun 15 (\$000)	RAB 30 Jun 16 (\$000)
	Total opening RAB value	498,231	500,090	497,694	502,089	503,203
less	Total depreciation	17,759	19,464	18,877	18,537	18,769
plus	Total revaluations	4,724	3,417	8,022	1,998	2,093
plus	Assets commissioned	15,545	14,218	15,553	17,624	14,450
less	Asset disposals	600	501	303	204	621
plus	Lost and found assets adjustment	-	-	-	(96)	-
plus	Adjustment resulting from asset allocation	(51)	(66)	-	329	(3,079)
	Total closing RAB value	500,090	497,694	502,089	503,203	497,278
4(ii): Unallocated Regulatory Asset Base		Unallocated RAB *		RAB		
	Total opening RAB value	(\$000)	(\$000)	(\$000)	(\$000)	
less	Total depreciation		18,769		18,769	
plus	Total revaluations		2,200		2,093	
plus	Assets commissioned (other than below)	14,450		14,450		
	Assets acquired from a regulated supplier					
	Assets acquired from a related party					
	Assets commissioned		14,450		14,450	

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

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sch ref

39	less			
40	Asset disposals (other than below)	6	6	
41	Asset disposals to a regulated supplier	615	615	
42	Asset disposals to a related party			
43	Asset disposals		621	621
44				
45	plus Lost and found assets adjustment		-	-
46				
47	plus Adjustment resulting from asset allocation	(28,748)	(3,079)	
48				
49	Total closing RAB value		497,278	497,278

* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide gas transmission services without any allowance being made for the allocation of costs to services provided by the supplier that are not gas transmission services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

4(iii): Calculation of Revaluation Rate and Revaluation of Assets

54	CPI ₄	1,205
55	CPI ₄ ⁻⁴	1,200
56	Revaluation rate (%)	0.42%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
60	Total opening RAB value	528,766	503,203	
61	less Opening value of fully depreciated, disposed and lost assets	841	841	
62	Total opening RAB value subject to revaluation	527,925	502,362	
64	Total revaluations		2,200	2,093

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
68	Works under construction—preceding disclosure year	8,155	6,501	
69	plus Capital expenditure	16,390	16,390	
70	less Assets commissioned	14,450	14,450	
71	plus Adjustment resulting from asset allocation	(2,806)	(1,152)	
72	Works under construction - current disclosure year	7,289	7,289	
73				
74	Highest rate of capitalised finance applied		6.55%	

Company Name **First Gas Limited (Transmission)**
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SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

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76 **4(v): Regulatory Depreciation**

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
79 Depreciation - standard	16,188		16,188	
80 Depreciation - no standard life assets	2,581		2,581	
81 Depreciation - modified life assets	-		-	
82 Depreciation - alternative depreciation in accordance with CPP	-		-	
83 Total depreciation		18,769		18,769

85 **4(vi): Disclosure of Changes to Depreciation Profiles**

(\$000 unless otherwise specified)

86 Asset or assets with changes to depreciation	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value	
			under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation
87				
88				
89				
90				
91				
92				
93				
94				

95 * include additional rows if needed

96 **4(vii): Disclosure by Asset Category**

(\$000 unless otherwise specified)

	Pipes	Stations	Compressors	Main-line valves	Special crossings	Other network assets	Non-network assets	Total
99 Total opening RAB value	272,081	62,943	36,914	2,576	53,156	55,012	20,522	503,203
100 <i>less</i> Total depreciation	8,919	2,704	2,076	212	1,745	532	2,581	18,769
101 <i>plus</i> Total revaluations	1,109	271	170	14	217	197	116	2,093
102 <i>plus</i> Assets commissioned	2,245	5,971	3,988	20	-	1,178	1,048	14,450
103 <i>less</i> Asset disposals	615	6	-	-	-	-	-	621
104 <i>plus</i> Lost and found assets adjustment	-	-	-	-	-	-	-	-
105 <i>plus</i> Adjustment resulting from asset allocation	-	-	-	-	-	-	(3,079)	(3,079)
106 <i>plus</i> Asset category transfers	-	-	-	-	-	42	(42)	-
107 Total closing RAB value	265,901	66,474	38,995	2,398	51,627	55,897	15,983	497,278
109 Asset Life								
110 Weighted average remaining asset life	34	29	26	17	32	24	19	(years)
111 Weighted average expected total asset life	80	35	35	35	80	26	25	(years)

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). GTBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref			(\$000)
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		41,671
9			
10	plus Total depreciation	18,769	
11	less Tax depreciation	13,696	
12	Permanent differences:		
13	plus Income not included in regulatory profit / (loss) before tax but taxable	-	*
14	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	-	*
15			
16	less Total revaluations	2,093	
17	Income included in regulatory profit / (loss) before tax but not taxable	-	*
18	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
19			(2,093)
20	Temporary differences:		
21	plus Income not included in regulatory profit / (loss) before tax but taxable	-	*
22	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	498	*
23			
24	less Income included in regulatory profit / (loss) before tax but not taxable	-	*
25	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
26			498
27	less Notional deductible interest		11,036
28			

29	Regulatory taxable income		34,113
30			
31	<i>less</i> Utilised tax losses	-	
32	Regulatory net taxable income		34,113
33			
34	Corporate tax rate (%)	28%	
35	Regulatory tax allowance		9,552
36			
37	* Workings to be provided in Schedule 14		
38			
39			
40	5a(ii): Disclosure of Permanent and Temporary Differences		
41	<i>In Schedule 14, Box 5 and Box 6, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).</i>		
42			
43	5a(iii): Reconciliation of Tax Losses		(\$000)
44			
45	Opening tax losses	-	
46	<i>plus</i> Current period tax losses	-	
47	<i>less</i> Utilised tax losses	-	
48	Closing tax losses		-
49	5a(iv): Regulatory Tax Asset Base Roll-Forward		
50			(\$000)
51	Opening sum of regulatory tax asset values	119,350	
52	<i>less</i> Tax depreciation	13,696	
53	<i>plus</i> Regulatory tax asset value of assets commissioned	13,221	
54	<i>less</i> Regulatory tax asset value of asset disposals	287	
55	<i>plus</i> Lost and found assets adjustment	-	
56	<i>plus</i> Adjustment resulting from asset allocation	(3,127)	
57	<i>plus</i> Other adjustments to the RAB tax value	-	
58	Closing sum of regulatory tax asset values		115,461

Company Name	First Gas Limited (Transmission)
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SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.7 and 2.3.8 of the ID determination.
 This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	5b(i): Summary—Related Party Transactions	(\$000)
	Vector ownership	
8	Total regulatory income	(20,065)
9	Operational expenditure	16,989
10	Capital expenditure	-
11	Market value of asset disposals	-
12	Other related party transactions	-
	First Gas ownership	
	Total regulatory income	-
	Operational expenditure	8,561
	Capital expenditure	6,243
	Market value of asset disposals	-
	Other related party transactions	-

5b(ii): Entities Involved in Related Party Transactions

14	Name of related party	Related party relationship
	Vector ownership	
16	Vector Gas Trading Limited	A fully owned subsidiary of Vector Limited
17	Vector Communications Limited	A fully owned subsidiary of Vector Limited
18	Vector Limited	Vector Gas Limited was part of the Vector Group of which Vector Limited is the parent entity until 20 April 2016
19	Tree scape Limited	An associate in which Vector Limited holds a 50% interest. It was in a group with Vector Gas Limited until 20 April 2016.
	First Gas ownership	
20	Gas Services (Joint Venture)	Gas Services Joint Venture and First Gas Limited have common ultimate owners

* include additional rows if needed

5b(iii): Related Party Transactions

Company Name **First Gas Limited (Transmission)**
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SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.7 and 2.3.8 of the ID determination.
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sch ref

	Name of related party	Related party transaction Type	Description of transaction	Value of transaction (\$000)	Basis for determining value
22	Vector ownership				
24	Vector Gas Trading Limited	Sales	Sale of transmission services	(20,065)	ID clause 2.3.8(2)(a)
25	Vector Gas Trading Limited	Opex	Purchase of mechanical services	916	ID clause 2.3.7(2)(a)
26	Vector Gas Trading Limited	Opex	Purchase of telecommunications services	28	ID clause 2.3.7(2)(d)
27	Vector Communications Limited	Opex	Purchase of telecommunications services	28	ID clause 2.3.7(2)(d)
28	Vector limited	Opex	Purchase of gas contracting services	15,638	ID clause 2.3.7(2)(b)
29	Tree scape limited	Opex	Purchase of vegetation management services	407	ID clause 2.3.7(2)(c)(i)
30					
31	First Gas ownership				
32	Gas Services (Joint Venture)	Opex	Provision of all necessary services to enable Gas Services Joint Venture to manage the maintenance and operation of the First Gas	8,561	ID clause 2.3.7(2)(b)
33	Gas Services (Joint Venture)	Capex	Provision of all necessary services to enable Gas Services Joint Venture to manage the maintenance and operation of the First Gas	6,243	IM clause 2.2.11(5)e)
34					
35					
36					
37					

* include additional rows if needed

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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5c(i): Qualifying Debt (may be Commission only)

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Cost of executing an interest rate swap	Debt issue cost readjustment
* include additional rows if needed						-	-	-	-

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5c(ii): Attribution of Term Credit Spread Differential

Gross term credit spread differential									
Total book value of interest bearing debt									
Leverage				44%					
Average opening and closing RAB values									
Attribution Rate (%)									
Term credit spread differential allowance									

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. GTBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

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		Value allocated (\$000s)				
		Arm's length deduction	Gas transmission services	Non-gas transmission services	Total	OVABAA allocation increase (\$000s)
7	5d(i): Operating Cost Allocations					
8						
9						
10	Service interruptions, incidents and emergencies					
11	Directly attributable		608			
12	Not directly attributable				-	
13	Total attributable to regulated service		608			
14	Routine and corrective maintenance and inspection					
15	Directly attributable		11,526			
16	Not directly attributable				-	
17	Total attributable to regulated service		11,526			
18	Asset replacement and renewal					
19	Directly attributable					
20	Not directly attributable				-	
21	Total attributable to regulated service		-			
22	Compressor fuel					
23	Directly attributable		2,872			
24	Not directly attributable				-	
25	Total attributable to regulated service		2,872			
26	Land management and associated activity					
27	Directly attributable		260			
28	Not directly attributable				-	
29	Total attributable to regulated service		260			
30	System operations					
31	Directly attributable		415			
32	Not directly attributable				-	
33	Total attributable to regulated service		415			
34	Network support					
35	Directly attributable		13,092			

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SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. GTBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref					
36	Not directly attributable		382	103	485
37	Total attributable to regulated service		13,474		
38	Business support				
39	Directly attributable				
40	Not directly attributable		3,304	1,975	5,279
41	Total attributable to regulated service		3,304		
42					
43	Operating costs directly attributable		28,773		
44	Operating costs not directly attributable		-	2,078	5,764
45	Operational expenditure		32,459		

5d(ii): Other Cost Allocations

		Value allocated (\$000s)			
	Arm's length deduction	Gas transmission services	Non-gas transmission services	Total	OVABAA allocation increase (\$000s)
48	Pass through and recoverable costs				
49	Pass through costs				
50	Directly attributable		1,832		
51	Not directly attributable				-
52	Total attributable to regulated service		1,832		
53	Recoverable costs				
54	Directly attributable		2,185		
55	Not directly attributable				-
56	Total attributable to regulated service		2,185		

5d(iii): Changes in Cost Allocations* †

		(\$000)	
		CY-1	Current Year (CY)
61	Change in cost allocation 1		
62	Cost category		
63	Original allocator or line items		
64	New allocator or line items		
65			

Original allocation		
New allocation		
Difference	-	-

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. GTBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref	Rationale for change			
66				
67				
68				
69		(\$000)		
70	Change in cost allocation 2		CY-1	Current Year (CY)
71	Cost category			
72	Original allocator or line items			
73	New allocator or line items			
74				
75	Rationale for change			
76				
77				
78		(\$000)		
79	Change in cost allocation 3		CY-1	Current Year (CY)
80	Cost category			
81	Original allocator or line items			
82	New allocator or line items			
83				
84	Rationale for change			
85				
86				
87	* a change in cost allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.			
88	† include additional rows if needed			

Company Name	First Gas Limited (Transmission)
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SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. GTBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7 5e(i): Regulated Service Asset Values

		Value allocated (\$000s) Gas transmission services
8		
9		
10	Pipes	
11	Directly attributable	265,901
12	Not directly attributable	
13	Total attributable to regulated service	265,901
14	Stations	
15	Directly attributable	66,474
16	Not directly attributable	
17	Total attributable to regulated service	66,474
18	Compressors	
19	Directly attributable	38,995
20	Not directly attributable	
21	Total attributable to regulated service	38,995
22	Main-line valves	
23	Directly attributable	2,398
24	Not directly attributable	
25	Total attributable to regulated service	2,398
26	Special crossings	
27	Directly attributable	51,627
28	Not directly attributable	
29	Total attributable to regulated service	51,627
30	Other network assets	

Company Name	First Gas Limited (Transmission)
For Year Ended	30 June 2016

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. GTBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

31	Directly attributable	55,897
32	Not directly attributable	
33	Total attributable to regulated service	55,897
34	Non-network assets	
35	Directly attributable	15,983
36	Not directly attributable	
37	Total attributable to regulated service	15,983
38		
39	Regulated service asset value directly attributable	497,278
40	Regulated service asset value not directly attributable	-
41	Total closing RAB value	497,278

5e(ii): Changes in Asset Allocations* †

		(\$000)	
Change in asset value allocation 1		CY-1	Current Year (CY)
47	Asset category		
48	Original allocator or line items		
49	New allocator or line items		
			Difference
		-	-

51 Rationale for change

52

53

		(\$000)	
Change in asset value allocation 2		CY-1	Current Year (CY)
56	Asset category		
57	Original allocator or line items		
			Difference

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. GTBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

58	New allocator or line items		Difference	-	-
59					
60	Rationale for change				
61					
62					
63		(\$000)			
64	Change in asset value allocation 3			CY-1	Current Year (CY)
65	Asset category		Original allocation		
66	Original allocator or line items		New allocation		
67	New allocator or line items		Difference	-	-
68					
69	Rationale for change				
70					
71					
72	<i>* a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.</i>				
73	<i>† include additional rows if needed</i>				

Company Name **First Gas Limited (Transmission)**
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SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. GTBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes to templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	6a(i): Expenditure on Assets		
8	Consumer connection		5,618
9	System growth		741
10	Asset replacement and renewal		7,381
11	Asset relocations		3,338
12	Reliability, safety and environment:		
13	Quality of supply	-	-
14	Legislative and regulatory	-	-
15	Other reliability, safety and environment	-	-
16	Total reliability, safety and environment		-
17	Expenditure on network assets		17,078
18	Expenditure on non-network assets		2,358
19			
20	Expenditure on assets		19,436
21	plus Cost of financing		287
22	less Value of capital contributions		3,333
23	plus Value of vested assets		-
24			
25	Capital expenditure		16,390

26	6a(ii): Subcomponents of Expenditure on Assets(where known)	
27	Research and development	

28	6a(iii): Consumer Connection		
29	Connection types defined by GTB*		
30	New connections/load increase	5,618	
31			
32			
33			
34			
35	* include additional rows if needed		
36	Consumer connection expenditure		5,618
37			
38	less Capital contributions funding consumer connection expenditure		-
39	Consumer connection less capital contributions		5,618

40	6a(iv): System Growth and Asset Replacement and Renewal		
41			
42			
43	Pipes	-	496
44	Compressor stations	-	4,001
45	Other stations	135	1,956
46	SCADA and communications	-	29
47	Special crossings	-	-
48	Components of stations (where known)		
49	Main-line valves	-	176
50	Heating system	528	656
51	Odourisation plants	-	-
52	Coalescers	20	-
53	Metering system	38	77
54	Cathodic protection	20	(22)
55	Chromatographs	-	12
56	System growth and asset replacement and renewal expenditure	741	7,381
57	less Capital contributions funding system growth and asset replacement and renewal	-	-
58	System growth and asset replacement and renewal less capital contributions	741	7,381

61	6a(v): Asset Relocations		
62	Project or programme*		
63	MacKays - Peka Peka Relocation	255	
64			
65			
66			
67			
68	* include additional rows if needed		
69	All other projects or programmes - asset relocations	3,083	
70	Asset relocations expenditure		3,338
71	less Capital contributions funding asset relocations	3,333	
72	Asset relocations less capital contributions		5

73	6a(vi): Quality of Supply		
74	Project or programme*		
75			

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. GTBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes to templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref			
76			
77			
78			
79			
80	<i>* include additional rows if needed</i>		
81	All other projects or programmes - quality of supply		
82	Quality of supply expenditure		
83	<i>less</i> Capital contributions funding quality of supply		
84	Quality of supply less capital contributions		
85	6a(vii): Legislative and Regulatory		
86	<i>Project or programme*</i>	(\$000)	(\$000)
87			
88			
89			
90			
91			
92	<i>* include additional rows if needed</i>		
93	All other projects or programmes - legislative and regulatory		
94	Legislative and regulatory expenditure		
95	<i>less</i> Capital contributions funding legislative and regulatory		
96	Legislative and regulatory less capital contributions		
97			
98	6a(viii): Other Reliability, Safety and Environment		
99	<i>Project or programme*</i>	(\$000)	(\$000)
100			
101			
102			
103			
104			
105	<i>* include additional rows if needed</i>		
106	All other projects or programmes - other reliability, safety and environment		
107	Other reliability, safety and environment expenditure		
108	<i>less</i> Capital contributions funding other reliability, safety and environment		
109	Other reliability, safety and environment less capital contributions		
110			
111	6a(ix): Non-Network Assets		
112	Routine expenditure		
113	<i>Project or programme*</i>	(\$000)	(\$000)
114			
115			
116			
117			
118			
119	<i>* include additional rows if needed</i>		
120	All other projects or programmes - routine expenditure	765	
121	Routine expenditure		765
122	Atypical expenditure		
123	<i>Project or programme*</i>	(\$000)	(\$000)
124			
125			
126			
127			
128			
129	<i>* include additional rows if needed</i>		
130	All other projects or programmes - atypical expenditure	1,593	
131	Atypical expenditure		1,593
132	Expenditure on non-network assets		2,358
133			

Company Name

First Gas Limited (Transmission)

For Year Ended

30 June 2016

SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of operational expenditure incurred in the disclosure year. GTBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance.

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		(\$000)	(\$000)
7	6b(i): Operational Expenditure		
8	Service interruptions, incidents and emergencies	608	
9	Routine and corrective maintenance and inspection	11,526	
10	Asset replacement and renewal	-	
11	Compressor fuel	2,872	
12	Land management and associated activity	260	
13	Network opex		15,266
14	System operations	415	
15	Network support	13,474	
16	Business support	3,304	
17	Non-network opex		17,193
18			
19	Operational expenditure		32,459
20	6b(ii): Subcomponents of Operational Expenditure (where known)		
21	Research and development		-
22	Insurance		1,318

Company Name	First Gas Limited (Transmission)
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SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.

GTBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref

		Target (\$000) ¹	Actual (\$000)	% variance
8	7(i): Revenue			
9	Line charge revenue	96,782	94,740	(2%)
10	7(ii): Expenditure on Assets			
11	Consumer connection	3,718	5,618	51%
12	System growth	804	741	(8%)
13	Asset replacement and renewal	11,086	7,381	(33%)
14	Asset relocations	11,486	3,338	(71%)
15	Reliability, safety and environment:			
16	Quality of supply	-	-	-
17	Legislative and regulatory	-	-	-
18	Other reliability, safety and environment	-	-	-
19	Total reliability, safety and environment	-	-	-
20	Expenditure on network assets	27,094	17,078	(37%)
21	Expenditure on non-network assets	1,986	2,358	19%
22	Expenditure on assets	29,080	19,436	(33%)

23

7(iii): Operational Expenditure

24

Service interruptions, incidents and emergencies

25

Routine and corrective maintenance and inspection

26

Asset replacement and renewal

27

Compressor fuel

28

Land management and associated activity

29

Network opex

30

System operations

31

Network support

32

Business support

33

Non-network opex

34

Operational expenditure

35

Forecast (\$000) ² Actual (\$000) % variance

Forecast (\$000) ²	Actual (\$000)	% variance
516	608	18%
13,236	11,526	(13%)
-	-	-
4,121	2,872	(30%)
263	260	(1%)
18,136	15,266	(16%)
577	415	(28%)
13,907	13,474	(3%)
586	3,304	464%
15,070	17,193	14%
33,206	32,459	(2%)

36

7(iv): Subcomponents of Expenditure on Assets (where known)

37

Research and development

38

Forecast (\$000) ² Actual (\$000) % variance

Forecast (\$000) ²	Actual (\$000)	% variance
-	-	-

39

7(v): Subcomponents of Operational Expenditure (where known)

40

Research and development

41

Insurance

42

Forecast (\$000) ² Actual (\$000) % variance

Forecast (\$000) ²	Actual (\$000)	% variance
-	-	-
1,620	1,318	(19%)

43

1 From the nominal dollar target revenue for the pricing year disclosed under clause 2.4.3(3) of this determination

44

2 from the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)

Company Name
For Year Ended

First Gas Limited (Transmission)
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SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires disclosure of the delivered quantities and number of offtake points for each type of connection on the GTB's network, and the energy delivered to these offtake points, for the disclosure year. It also requires the billed quantities and associated line charge revenues for each contract type used by the GTB, for the disclosure year.

sch ref

8(i): Billed quantities by contract type

Contract type	Billed quantities - Gas throughput billed*	Billed quantities - Reserved capacity billed*	Billed quantities - Overrun charges billed*	Billed quantities - Approved Nominations billed**	Billed quantities - Σ (Approved Nominations x distance) billed**	Other quantity billed	Add extra columns for additional billed quantities as necessary
TJ	TJ	TJ	n/a	n/a	n/a	n/a	
Standard	46446	58972	459	n/a	n/a	n/a	
Non-standard	57716	226976	186	n/a	n/a	n/a	
<i>Add extra rows for additional contract types as necessary</i>							
Totals for all contracts	104,162.00	285,948.00	645.00	-	-	-	

8(ii): Line charge revenues (\$000) by contract type

Contract type	Total line charge revenue in disclosure year	Gas throughput revenue*	Reserved capacity revenue*	Overrun charges revenue*	Approved Nominations revenue**	Σ (Approved Nominations x distance) revenue**	Other line charge revenue	Add extra columns for additional line charge revenues as necessary	Notional revenue foregone from posted discounts (if applicable)
Standard	\$67,312	\$4,168	\$58,923	\$4,221	n/a	n/a	-		n/a
Non-standard	\$27,428	\$508	\$25,730	\$550	n/a	n/a	\$640		n/a
<i>Add extra rows for additional contract types as necessary</i>									
Totals for all contracts	\$94,740	\$4,676	\$84,653	\$4,771	-	-	\$640		-

*Vector only
**MDL only

Company Name **First Gas Limited (Transmission)**

For Year Ended **30 June 2016**

SCHEDULE 9a: ASSET REGISTER

This schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class.

sch ref

	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
7	Pipes	Protected steel pipes	km	2,204	2,195	(9)	3
8	Pipes	Special crossings	km	7	7	-	3
9	Stations	Compressor stations	No.	8	8	-	3
10	Stations	Offtake point	No.	115	115	-	3
11	Stations	Scraper stations	No.	11	11	-	3
12	Stations	Intake points	No.	4	4	-	3
13	Stations	Metering stations	No.	5	5	-	3
14	Compressors	Compressors—turbine driven	No.	2	2	-	3
15	Compressors	Compressors—electric motor driven	No.	-	-	-	N/A
16	Compressors	Compressors—reciprocating engine driven	No.	19	19	-	3
17	Main-line valves	Main line valves manually operated	No.	71	71	-	3
18	Main-line valves	Main line valves remotely operated	No.	7	7	-	3
19	Heating systems	Gas-fired heaters	No.	104	105	1	3
20	Heating systems	Electric heaters	No.	3	4	1	3
21	Odourisation plants	Odourisation plants	No.	23	23	-	3
22	Coalescers	Coalescers	No.	34	33	(1)	3
23	Metering systems	Meters—ultrasonic	No.	7	7	-	3
24	Metering systems	Meters—rotary	No.	59	59	-	3
25	Metering systems	Meters turbine	No.	73	75	2	3
26	Metering systems	Meters—mass flow	No.	1	1	-	3
27	SCADA and communications	Remote terminal units (RTU)	No.	71	73	2	3
28	SCADA and communications	Communications terminals	No.	3	3	-	3
29	Cathodic protection	Rectifier units	No.	33	34	1	3
30	Chromatographs	Chromatographs	No.	9	7	(2)	3

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SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network, by asset category and asset class.

sch ref		Disclosure Year (year ended)		Number of assets at disclosure year end by installation date																							Items at end of year					
		30 June 2016																									No. with age unknown	No. with default dates	Data accuracy (1-4)			
Asset category	Asset class	Units	pre-1960	1960-1964	1965-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016				
8	Pipes	Protected steel pipes	km	-	635	69	20	1,274	149	10	21	1	0	-	-	1	0	3	1	1	2	0	1	0	-	1	3	0	2,195	3		
9	Pipes	Special crossings	km	-	2	1	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	7	3		
10	Stations	Compressor stations	No.	-	1	-	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3		
11	Stations	Offtake point	No.	-	4	9	8	56	14	4	10	-	-	-	-	-	2	-	2	-	-	-	-	-	-	1	5	-	115	3		
12	Stations	Scraper stations	No.	-	3	-	1	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	3		
13	Stations	Intake points	No.	-	-	-	1	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3		
14	Stations	Metering stations	No.	-	1	-	1	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	5	3		
15	Compressors	Compressors—turbine driven	No.	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3		
16	Compressors	Compressors—electric motor driven	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	
17	Compressors	Compressors—reciprocating engine driven	No.	-	4	-	6	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	3		
18	Main-line valves	Main line valves manually operated	No.	-	18	6	6	26	13	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	3		
19	Main-line valves	Main line valves remotely operated	No.	-	-	2	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3		
20	Heating systems	Gas-fired heaters	No.	-	4	6	9	46	15	2	4	-	-	-	-	-	2	-	3	-	1	1	-	2	1	-	5	4	105	3		
21	Heating systems	Electric heaters	No.	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	4	3		
22	Odourisation plants	Odourisation plants	No.	-	1	-	2	2	-	2	-	-	-	-	14	-	-	-	-	-	-	-	-	2	-	-	-	-	23	3		
23	Coalescers	Coalescers	No.	-	2	2	6	14	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	3		
24	Metering systems	Meters—ultrasonic	No.	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	2	-	1	1	-	-	-	7	3		
25	Metering systems	Meters—rotary	No.	-	-	-	1	10	10	7	1	1	1	-	1	1	3	3	-	1	5	3	2	3	1	5	-	-	59	3		
26	Metering systems	Meters turbine	No.	-	-	-	6	16	4	11	-	-	-	-	-	1	2	-	7	3	8	-	-	-	-	7	8	2	75	3		
27	Metering systems	Meters—mass flow	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	3		
28	SCADA and communications	Remote terminal units (RTU)	No.	-	-	-	-	-	-	-	-	-	-	1	-	4	22	12	8	5	3	9	1	-	-	1	5	2	73	3		
29	SCADA and communications	Communications terminals	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	3	3		
30	Cathodic protection	Rectifier units	No.	-	3	1	-	6	1	1	-	-	-	-	-	-	1	1	3	1	-	2	2	8	2	1	1	34	3			
31	Chromatographs	Chromatographs	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	1	1	-	-	1	-	-	7	3		

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SCHEDULE 9c: REPORT ON PIPELINE DATA

This schedule requires a summary of the key characteristics of the pipeline network.

sch ref

7	Transmission system	System length (km) (at year end)	Weighted average pipe diameter (mm)	Max monthly quantity entering the system (TJ per month)	Max weekly quantity entering the system (TJ per week)	Total gas conveyed (TJ per year)	Gas conveyed for Persons not involved in the GTB (TJ per year)	Number of connection points
8	South -Kapuni- Frankley Road	1,030	220	3,705	876	30,997	34,030	63
9	Bay of Plenty	599	156	952	228	8,942	8,942	31
10	North	544	189	4,797	1,157	34,419	34,419	41
11	Te Awamutu North	7	155	61	22	471	471	3
12	Minor	16	69	37	9	398	398	19
13								
14	Total	2,196						

15	Length by assigned location class (km)	Secondary location class					Total (km) (at year end) *	Percentage of total
16		Sensitive Use (S)	Industrial (I)	Heavy Industrial (HI)	Common Infrastructure Corridor (CIC)	Submerged (W)		
17	Primary location class Rural (R1) land	2	10	4	2	1	1,969	89.47%
18	Primary location class Rural Residential (R2) land	8	0	-	-	1	141	6.43%
19	Primary location class Residential (T1) land	24	23	-	-	3	90	4.10%
20	Primary location class High Density (T2) land	-	-	-	-	-	-	-

* The total km is not the same as the sum of the secondary location classes as a pipeline section may only have a primary location class.

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 9d: REPORT ON DEMAND

This schedule requires a summary of the key measures of network demand for the disclosure year (number of new connections including, maximum monthly loads and total gas conveyed)

sch ref

7	9d(i): New Connections							
8			Number of new connections					
9	Connection types defined by GTB							
10	Distribution System							
11	Direct Connect					1		
12	Bi-Directional							
13	Receipt Point							
14	<i>* include additional rows if needed</i>							
15	Connections total					1		
17	9d(ii): Gas Volumes and Connections							
18			Intake volume (TJ)	Quantity of gas delivered (TJ)	Number of connection points			
19	Connection types defined by GTB							
20	Distribution System						102	
21	Direct Connect						34	
22	Bi-Directional		9,249	7,009			4	
23	Receipt Point		66,199				17	
24	<i>* include additional rows if needed</i>							
25	Total		75,448	74,653			157	
26	9d(iii): Gas conveyed							
27			(TJ)					
28	Intake volume (TJ)		75,448					
29	Quantity of gas delivered (TJ)		74,653					
30	Gas used in compressor stations (TJ)		443					
31	Gas used in heating systems (TJ)		125					
32	Change in line pack (TJ)		-					
33	Vented gas (TJ)		6					
34	Unaccounted for gas (TJ)		221					
35	Total gas conveyed (TJ)		75,227					
36	9d(iv): Unaccounted for Gas							
37			Gas entering the system (TJ)	Unaccounted for gas (TJ)	Unaccounted for gas (%)	Intake volume (TJ)	Interconnected system intake (TJ)	Interconnected intake systems (name)
38	Transmission system							
39	South-Kapuni-Frankley Road (SKF)		34,545	(493)	(1.43%)	34,545	-	
40	Bay of Plenty (BOP)		9,012	69	0.77%	5,645	3,367	SFK,TAN
41	North (NORTH)		35,067	645	1.84%	34,385	682	SFK
42	Te Awamutu North (TAN)		474	-	-	474	-	
43	Minor (MINORS)		398	-	-	398	-	
44	Total		79,496		0	75,447	4,049	

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS

This schedule requires a summary of the key measures of network reliability (interruptions, compressor availability) for the disclosure year
 GTBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates).

sch ref

7 10a(i): Interruptions and Reliability

8
 9 Total number of planned interruptions
 10 **Service incidents and emergencies**
 11 Number of incidents
 12

13 Unplanned interruptions in transmission systems

Description and cause of Interruption	Transmission systems affected	Date	Duration (hrs)

23 **Add rows as necessary*

24 Number of interruption or curtailment events:

due to insufficient capacity	-
due to consumer flows exceeding approved quantities	-
caused by equipment failure	-
caused by third parties	35
Total	35

30 10a(ii): Compressor Availability

31

Company Name **First Gas Limited (Transmission)**
 For Year Ended **30 June 2016**

SCHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS

This schedule requires a summary of the key measures of network reliability (interruptions, compressor availability) for the disclosure year
 GTBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates).

sch ref

	Compressor station code/name	Compressor unit ID	Number of hours the compressor ran	Number of hours compressor was available for service	Number of instances where the compressor failed to start	Number of instances where a compressor was required but unavailable for service
32						
33	Henderson 1		-	0	0	0
34	Kaitoke 1		329.00	6,870	10	0
35	Kaitoke 2		367.00	8,168	16	0
36	Kapuni 2		4,663.00	8,140	11	0
37	Kapuni 3		3,269.00	8,635	12	0
38	Kapuni 5		5,085.00	7,515	2	0
39	Kawerau 1		46.00	8,775	2	0
40	Kawerau 2		49.00	8,775	0	0
41	Mahoenui 1		414.00	8,480	2	0
	Mahoenui 2		328.00	8,726	5	0
	Mahoenui 3		123.00	6,775	7	0
	Pokuru 1		4,499.00	7,738	1	1
	Pokuru 2		4,205.00	7,256	2	1
	Rotowaro 3		5,578.00	8,653	1	0
	Rotowaro 4		5,372.00	8,469	0	0
42	Rotowaro 4		1,945.00	6,624	0	0
43	Rotowaro 6		1,512.00	7,187	0	0
44	*Add rows as necessary					

Company Name **First Gas Limited (Transmission)**

For Year Ended **30 June 2016**

SCHEDULE 10b: REPORT ON NETWORK INTEGRITY

This schedule requires a summary of the key measures of network integrity (product control, gas escapes, RTEs) for the disclosure year.

sch ref

7	Product control	
8	Number of incidents relating to pressure	6
9	Number of incidents relating to gas specification	4
10	Number of incidents relating to odourisation	-
11		
12	Response time to emergencies (RTE)	
13	Proportion of emergencies responded to within 3 hours (%)	n/a
14	Average call response time (hours)	n/a
15	Number of emergencies	-
16		
17	Gas leaks	
18	Number of confirmed public reported gas escapes per system length (escapes/1000 km)	4
19	Number of confirmed gas leaks caused by a third party per system length (escapes/1000 km)	-
20	Number of gas leaks detected by the GTB	5
21	Number of gas leaks that did not result in disruption to supply	10

Company Name	First Gas Limited
For Year Ended	30 June 2016

Schedule 14 Mandatory Explanatory Notes

1. This schedule requires GTBs to provide explanatory notes to information provided in accordance with clauses 2.3.1, 2.4.20 and subclause 2.5.1(1)(e).
2. This schedule is mandatory—GTBs must provide the explanatory comment specified below, in accordance with clause 2.7.1. Information provided in boxes 1 to 12 of this schedule is part of the audited disclosure information, and so is subject to the assurance requirements specified in section 2 .8.
3. Schedule 15 (Voluntary Explanatory Notes to Schedules) provides for GTBs to give additional explanation of disclosed information should they elect to do so.

Mandatory explanatory notes

Return on Investment (Schedule 2)

4. In the box below, comment on return on investment as disclosed in Schedule 2. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 1: Explanatory comment on return on investment

The ROI of 5.86% is lower than the mid-point estimate of post-tax WACC and is in line with expected parameters given the reduced regulatory revenue.

All schedules and notes should be read in the context of the change of ownership during the regulatory period. Vector Limited owned the network for the period 1 July 2015 – 19 April 2016 and First Gas Limited owned the network for the period 20 April 2016 – 30 June 2016.

Regulatory Profit (Schedule 3)

5. In the box below, comment on regulatory profit for the disclosure year as disclosed in Schedule 3. This comment must include-
 - 5.1 a description of material items included in other regulated income (other than gains / (losses) on asset disposals), as disclosed in Schedule 3(i)
 - 5.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 2: Explanatory comment on regulatory profit

No material items have been included in other regulated income and there have been no reclassified items.

Merger and acquisition expenses (3(iv) of Schedule 3)

6. If the GTB incurred merger and acquisitions expenditure during the disclosure year, provide the following information in the box below-

6.1 information on reclassified items in accordance with subclause 2.7.1(2)

6.2 any other commentary on the benefits of the merger and acquisition expenditure to the GTB.

Box 3: Explanatory comment on merger and acquisition expenditure

No merger and acquisition expenditure has been included during the disclosure year.

Value of the Regulatory Asset Base (Schedule 4)

7. In the box below, comment on the value of the regulatory asset base (rolled forward) in Schedule 4. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 4: Explanatory comment on the value of the regulatory asset based (rolled forward)

The value of the regulatory asset base has been determined by rolling forward the initial regulatory asset base with allowance made for additions, disposals, depreciation and revaluation in accordance with the Input Methodologies.

There has been no re-classification of items in the disclosure year.

As a result of the change in ownership during the year, an adjustment has been made to unallocated RAB to remove shared assets that had previously been allocated to the transmission network by the previous owners. This adjustment of approx. \$29 million is shown as an adjustment resulting from asset allocation.

Regulatory tax allowance: disclosure of permanent differences (5a(i) of Schedule 5a)

8. In the box below, provide descriptions and workings of the material permanent differences included in the following items, as recorded in the asterisked categories in 5a(i) of Schedule 5a:

- 8.1 Income not included in regulatory profit / (loss) before tax but taxable
- 8.2 Expenditure or loss in regulatory profit / (loss) before tax but not deductible
- 8.3 Income included in regulatory profit / (loss) before tax but not taxable
- 8.4 Expenditure or loss deductible but not in regulatory profit / (loss) before tax

Box 5: Regulatory tax allowance: permanent differences

Permanent differences consist of immaterial non-deductible professional and entertainment expenses.

Regulatory tax allowance: disclosure of temporary differences (5a(i) of Schedule 5a)

9. In the box below, provide descriptions and workings of the material temporary differences included in the following items, as recorded in the asterisked categories in 5a(i) of Schedule 5a:
- 9.1 Income not included in regulatory profit / (loss) before tax but taxable
 - 9.2 Expenditure or loss in regulatory profit / (loss) before tax but not deductible
 - 9.3 Income included in regulatory profit / (loss) before tax but not taxable
 - 9.4 Expenditure or loss deductible but not in regulatory profit / (loss) before tax

Box 6: Temporary differences

Immaterial temporary differences include movements in provisions and accruals.

Related party transactions: disclosure of related party transactions (Schedule 5b)

10. In the box below, provide descriptions of related party transactions beyond those disclosed in Schedule 5b including identification and descriptions as to the nature of directly attributable costs disclosed under subclause 2.3.7(2)(b).

Box 7: Related party transactions

A description of all related party transactions has been disclosed in Schedule 5b for the period of ownership by Vector Limited (1 July 2015 – 19 April 2016) and First Gas Limited (20 April 2016 – 30 June 2016).

Cost allocation (Schedule 5d)

11. In the box below, comment on cost allocation as disclosed in Schedule 5d. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 8: Cost allocation

ABAA (accounting-based allocation approach) has been applied in accordance with the IM determination, to allocate not directly attributable costs in the disclosure year.

The amounts of non-gas transmission services recorded in Schedule 5d for both network support and business support relate to allocations of costs during the ownership periods of both Vector and First Gas.

There have been no re-classifications of items in the disclosure year.

The Commerce Commission has exempted First Gas from completing Schedule 5d(iii) (Changes in Cost Allocations).

Asset allocation (Schedule 5e)

12. In the box below, comment on asset allocation as disclosed in Schedule 5e. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 9: Commentary on asset allocation

As a result of the change in ownership during the period, non-network assets previously reported as part of Vector's regulated transmission and distribution businesses no longer form part of the RAB (these assets have been retained by Vector).

For the next disclosure year, we expect unallocated assets to be allocated across First Gas' regulated distribution and transmission business (including the Maui pipeline). At that time, transition and acquisition activities will be complete and First Gas will have a more accurate view of the use of resources by each regulated business.

The Commerce Commission has exempted First Gas from completing Schedule 5e(ii) (Changes in Asset Allocations).

Capital Expenditure for the Disclosure Year (Schedule 6a)

13. In the box below, comment on expenditure on assets for the disclosure year, as disclosed in Schedule 6a. This comment must include-
- 13.1 a description of the materiality threshold applied to identify material projects and programmes described in Schedule 6a;
 - 13.2 information on reclassified items in accordance with subclause 2.7.1(2)

Box 10: Explanation of capital expenditure for the disclosure year

The materiality threshold applied to identify material projects and programmes for the period is \$2.7m, consistent with the approach taken prior to the sale by Vector Ltd.

There have been no reclassified items.

Operational Expenditure for the Disclosure Year (Schedule 6b)

14. In the box below, comment on operational expenditure for the disclosure year, as disclosed in Schedule 6b. This comment must include-
- 14.1 Commentary on assets replaced or renewed with asset replacement and renewal operational expenditure, as reported Schedule 6b(i)
 - 14.2 Information on reclassified items in accordance with subclause 2.7.1(2)
 - 14.3 Commentary on any material atypical expenditure included in operational expenditure disclosed in Schedule 6b, a including the value of the expenditure the purpose of the expenditure, and the operational expenditure categories the expenditure relates to.

Box 11: Explanation of operational expenditure for the disclosure year

There has been no operational expenditure on assets replacement and renewal.

There have been no reclassified items.

There is no material atypical expenditure included in the schedule.

Variance between forecast and actual expenditure (Schedule 7)

15. In the box below, comment on variance in actual to forecast expenditure for the disclosure year, as reported in Schedule 7. This comment must include information on reclassified items in accordance with subclause 2.7.1(2).

Box 12: Explanatory comment on variance in actual to forecast expenditure

Expenditure on assets is lower than the target amount due to reduced activity in this area during the acquisition and transition period.

Categorisation of costs between network support and business support differs between the forecast and the actual figures, due to differences in the way that Vector and First Gas have allocated costs against these categories.

Information relating to revenues and quantities for the disclosure year

16. In the box below, please explain reasons for any material differences between target revenue disclosed before the start of the pricing year in accordance with clause 2.4.1 and subclause 2.4.3(3), and total billed line charge revenue for the disclosure year as disclosed in Schedule 8.

Box 13: Explanatory comment relating to revenue for the disclosure year

Target revenue is defined as the target revenue disclosed under clause 2.4.3(3) of the ID determination, which relates to the pricing year of the GTB (ending 30 September). The total line charge revenue in Schedule 8 of this disclosure is the revenue that relates to the disclosure year (ending 30 June).

As the disclosure year and pricing year are different, target revenue and total line charge revenue, under the definitions above, will differ. In respect of the overlapping 9 month period between October 2015 and June 2016, target revenue (\$68.6m) differs marginally from actual revenue (\$69.5m) due to lower target revenue volumes.

17. If prices or price category codes (as applicable) have been changed in a disclosure year, please explain in the box below the effect of this on the allocation of quantities and revenues between connection types or contract types (as applicable) disclosed in Schedule 9d(ii) and Schedule 8.

Box 14: Explanatory comment relating to changed prices or price category codes

There have been no changes to price category codes, however prices were changed on 1 October 2015, during the disclosure year.

The change of price has no effect to the allocation of quantities between connection or contract types as disclosed in Schedule 8 and Schedule 9d(ii). The change in price does effect the revenues allocated between connection and contract types however this effect is difficult to ascertain due to the price change occurring part way through the disclosure year and occurring at the same time as First Gas' total revenues change.

Network Reliability for the Disclosure Year (Schedule 10a)

18. In the box below, comment on network reliability for the disclosure year, as disclosed in Schedule 10a.

Box 15: Commentary on network reliability for the disclosure year

Planned interruptions are very rare events on Gas Transmission systems and there were 3 in this disclosure period.

A total of 102 incidents were identified in this disclosure period, comparing favourably with historical performance as disclosed in 2015 (123) and recorded in Vector's Gas Transmission AMP. The majority of these incidents were station equipment (leaks, controlled venting and product control related) and natural gas odour reported in vicinity of pipelines, unauthorised work over the pipeline, and curtailments.

There was no unplanned interruption experienced during this disclosure period and 35 additional interruption and curtailment events were recorded through the period, all being curtailments caused by third parties.

In schedule 9a and 9b we have disclosed 21 compressors situated at 8 compressor stations. In schedule 10a we have reported operating data for 17 compressors at 7 stations. The reason for the difference is that schedules 9a and 9b account for all stations and meters owned by First Gas Limited, whereas schedule 10a accounts for all stations and compressor currently operational.

Insurance cover

19. In the box below, provide details of any insurance cover for the assets, including-
 - 19.1 The GTB's approaches and practices in regard to the insurance of assets, including the level of insurance;
 - 19.2 In respect of any self-insurance, the level of reserves, details of how reserves are managed and invested, and details of any reinsurance.

Box 16: Explanation of insurance cover

First Gas Limited takes insurance cover for a large number of group assets. These policies cover material damage, business interruption and contract works insurance.

Insurance costs are allocated to the Transmission business based on the businesses share of total RAB forecasts.

Amendments to previously disclosed information

20. In the box below, provide information about amendments to previously disclosed information disclosed in accordance with clause 2.12.1 in the last 7 years, including:
 - 20.1 a description of each error; and
 - 20.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 17: Disclosure of amendment to previously disclosed information

No amendments are required.

Company Name	First Gas Limited
For Year Ended	30 June 2016

Schedule 15 Voluntary Explanatory Notes

1. This schedule enables GTBs to provide, should they wish to-
 - 1.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.20, 2.5.1, and 2.5.2;
 - 1.2 information on any substantial changes to information disclosed in relation to a prior disclosure year, as a result of final wash-ups.
2. Information in this schedule is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.
3. Provide additional explanatory comment in the box below.

Box 1: Voluntary explanatory comment on disclosed information

The First Gas GTB was acquired from Vector Limited on 20 April 2016 as part of an acquisition of shares in Vector Gas Limited. The acquisition of our GTB has required a special process for completing information disclosures for the 2015/16 disclosure year. Vector has prepared part of the information disclosures up to the transaction date, and those information disclosures have been independently audited. First Gas has then incorporated those disclosures into a full 12-month set of information disclosures, which have also been independently audited. We believe that this process safeguards the quality of information provided, and will enable interested parties (including the Commerce Commission) to appropriately interpret the information disclosed. Completing the transaction during the disclosure year has also meant that exemptions are required from some aspects of the Information Disclosure Determination. The scope of required exemptions is relatively small, and we do not consider that the exemptions affect the ability for interested parties to evaluate the performance of our GTB against the purpose of Part 4 of the Commerce Act.

In June 2016, First Gas acquired the Maui pipeline. Whilst the ex-Vector and the Maui pipeline meet the criteria for a single Gas Transmission Business (GTB), the Commerce Commission has provided an exemption allowing for separate annual information disclosures to be prepared for each pipeline.

The certification in Schedule 19 amends the version contained within the ID determination. The Commerce Commission has approved the amended certification.

Schedule 19 Certification for Year-end Disclosures

Clause 2.9.3

First Gas Limited
Private Bag 2020
New Plymouth 4342

We, Philippa Dunphy

and Richard Krogh

being directors of First Gas Limited certify that, having made all reasonable enquiry and incorporating information provided by Vector Limited for the period prior to the acquisition on 20 April 2016, to the best of our knowledge-

- a) the information, prepared for the purposes of clauses 2.3.1, 2.3.2, 2.4.20, 2.5.1 and 2.7.1 of the Gas Transmission Information Disclosure Determination 2012 in all material respects complies with that determination; and
- b) the historical information used in the preparation of Schedules 8, 9a, 9b, 9c, 9d, 10a, 10b and 14 has been properly extracted from accounting and other records of Vector Limited and First Gas Limited sourced from the applicable financial and non-financial systems, and that sufficient appropriate records have been retained as appropriate by Vector Limited and First Gas Limited.

This certification does not extend to cost allocations, asset allocations and related party transactions made by Vector Limited during the period prior to the acquisition on 20 April 2016.



Philippa Dunphy
Chairman

09/12/2019

Date



Richard Krogh
Director

09/12/2019

Date



Independent Reasonable Assurance Report

To the Directors of First Gas Limited and to the New Zealand Commerce Commission

Report on the Gas Transmission Compliance Statement dated 12 December 2016 (comprising Pricing and Quality)

We have performed an engagement to provide reasonable assurance in relation to the attached statement, which is an Annual Compliance Statement in respect of the default price-quality path prepared by First Gas Limited for the assessment period ended on 30 September 2016 and dated 12 December 2016 for the purposes of clause 11 of the *Gas Transmission Services Default Price-Quality Path Determination 2013 NZCC5 and all subsequent amendments NZCC6* ("the Determination").

In relation to the price path set out in clause 8 of the Determination, our assurance engagement included examination, on a test basis, of evidence relevant to the amounts and disclosures contained on pages [2 to 4] and [7 to 19] of the Annual Compliance Statement.

In relation to the quality standard set out in clause 9 of the Determination, our assurance engagement included examination, on a test basis, of evidence relevant to the amounts and disclosures contained on pages [5 and 6] and [20] of the Annual Compliance Statement.

Our assurance engagement also included assessment of the significant estimates and judgments, if any, made by First Gas Limited in the preparation of the Annual Compliance Statement and assessment of whether the basis of preparation has been adequately disclosed.

Directors' Responsibilities

The Directors of First Gas Limited are responsible for the preparation of the Annual Compliance Statement in accordance with the Determination and for such internal control as the Directors determine is necessary to enable the preparation of an Annual Compliance Statement that is free from material misstatement, whether due to fraud or error.

Assurance Practitioner's Responsibilities

Our responsibility is to express an opinion on the Annual Compliance Statement based on our assurance engagement. We conducted our reasonable assurance engagement in accordance with International Standard on Assurance Engagements (New Zealand) ISAE (NZ) 3000 (Revised) *Assurance Engagements other than audits or reviews of historical financial information* and Standard on Assurance Engagements SAE 3100 *Compliance Engagements*. Those standards require that we comply with ethical requirements and plan and perform an assurance engagement to obtain reasonable assurance about whether the Annual Compliance Statement is free from material misstatement.

We have complied with the independence and other ethical requirements of Professional and Ethical Standard 1 (Revised) issued by the New Zealand Auditing and Assurance Standards Board, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

The firm applies Professional and Ethical Standard 3 (Amended) and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Because of the inherent limitations of any internal control structure, it is possible that errors or irregularities may occur and not be detected. Our engagement is not designed to detect all weaknesses in the Annual Compliance



Statement, as the engagement has not been performed continuously throughout the period and the procedures performed on the Annual Compliance Statement and its measures were undertaken on a test basis.

Any projection of the evaluation of the operation of the Annual Compliance Statement to future periods is subject to the risk that the procedures may become inadequate because of changes in conditions, or that the degree of compliance may deteriorate.

Our firm has also provided audit, other assurance and non-audit services to First Gas Limited. Partners and employees of our firm may also deal with First Gas Limited on normal terms within the ordinary course of trading activities of the business of First Gas Limited. These matters have not impaired our independence as assurance practitioners for this assurance engagement. The firm has no other relationship with, or interest in, First Gas Limited.

Opinion

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our reasonable assurance opinion.

In our opinion, the Annual Compliance Statement of First Gas Limited for the Assessment Period ended on 30 September 2016, has been prepared, in all material respects, in accordance with the Determination.

Our assurance engagement was completed on the 12 December 2016 and our conclusion is expressed as at that date.

Restriction of distribution and use

In accordance with the terms of our engagement, this independent reasonable assurance report on the Annual Compliance Statement has been prepared for the Directors of First Gas Limited and the New Zealand Commerce Commission solely in connection with the Directors' responsibilities under the determination and for no other purpose or in any other context.

Our report should not be regarded as suitable to be used or relied on by any party wishing to acquire rights other than First Gas Limited and the New Zealand Commerce Commission in relation to section 11.2(d) of the Determination for any purpose or in any context. Any party other than First Gas Limited and the New Zealand Commerce Commission who obtains access to our report or a copy thereof and chooses to rely on our report (or any part thereof) will do so at its own risk.

To the fullest extent permitted by law, we accept or assume no responsibility and deny any liability to any party other than First Gas Limited and the New Zealand Commerce Commission for our work, for this independent reasonable assurance report, or for the conclusions we have reached.

Our report is released to First Gas Limited and the New Zealand Commerce Commission on the basis that it shall not be copied, referred to or disclosed, in whole (except for First Gas Limited's own internal purposes) or in part, without our prior written consent.