



**GDB Information Disclosure Requirements
Information Templates
for
Schedules 11a–13**

Company Name	GasNet Limited
Disclosure Date	17 June 2019
AMP Planning Period Start Date (first day)	1 July 2019

Templates for Schedules 11a–13 (Asset Management Plan)
Template Version 4.1. Prepared 24 March 2015

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Information disclosure asset management plan schedules

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Disclosure Template Instructions

These templates have been prepared for use by GDBs when making disclosures under subclauses 2.6.1(1)(d), 2.6.1(1)(e), 2.6.1(2), and 2.6.6 of the Gas Distribution Information Disclosure Determination 2012. The GDB may include a completed Schedule 13: Report on Asset Management Maturity table with its clause 2.6.6 template disclosure, but this is not required. Schedule 13 tables that are not completed should be removed from the clause 2.6.6 template disclosure.

Company Name and Dates

To prepare the templates for disclosure, the supplier's company name should be entered in cell C8, the date of the last day of the current (disclosure) year should be entered in cell C12, and the date on which the information is disclosed should be entered in cell C10 of the CoverSheet worksheet.

The cell C12 entry (planning period start date) is used to calculate disclosure years in the column headings that show above some of the tables. It is also used to calculate the AMP planning period dates in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

The cell C8 entry (company name) is used in the template title blocks.

Dates should be entered in day/month/year order (Example -"1 April 2013").

Data Entry Cells and Calculated Cells

Data entered into this workbook may be entered only into the data entry cells. Data entry cells are the bordered, unshaded areas (white cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell.

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

Validation Settings on Data Entry Cells

To maintain a consistency of format and to help guard against errors in data entry, some data entry cells test keyboard entries for validity and accept only a limited range of values. For example, entries may be limited to a list of category names, to values between 0% and 100%, or either a numeric entry or the text entry "N/A". Where this occurs, a validation message will appear when data is being entered. These checks are applied to keyboard entries only and not, for example, to entries made using Excel's copy and paste facility.

Conditional Formatting Settings on Data Entry Cells

Schedule 12a columns G to K contain conditional formatting. The cells will change colour if the row totals do not add to 100%.

Inserting Additional Rows

The templates for schedules 11a, 12b and 12c may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar.

Additional rows in schedules 11a and 12c must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals. Column A schedule references should not be entered in additional rows.

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Gas Distribution ID Determination 2012 (as issued on 24 March 2015). They provide a common reference between the rows in the determination and the template.

Description of Calculation References

Calculation cell formulas contain links to other cells within the same template or elsewhere in the workbook. Key cell references are described in a column to the right of each template. These descriptions are provided to assist data entry. Cell references refer to the row of the template and not the schedule reference.

Company Name	GasNet Limited
AMP Planning Period	1 July 2019 – 30 June 2029

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)
 GDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).
 This information is not part of audited disclosure information.

sch ref		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
		for year ended 30 Jun 19	30 Jun 20	30 Jun 21	30 Jun 22	30 Jun 23	30 Jun 24	30 Jun 25	30 Jun 26	30 Jun 27	30 Jun 28	30 Jun 29
7												
8												
9	11a(i): Expenditure on Assets Forecast	\$000 (nominal dollars)										
10	Consumer connection	211	220	224	229	233	238	243	248	253	258	263
11	System growth	77	70	71	73	74	76	77	79	80	82	84
12	Asset replacement and renewal	163	391	388	427	403	444	453	462	437	480	454
13	Asset relocations	-	-	-	-	-	-	-	-	-	-	-
14	Reliability, safety and environment:											
15	Quality of supply	65	46	51	52	53	54	55	56	57	59	60
16	Legislative and regulatory	-	-	-	-	-	-	-	-	-	-	-
17	Other reliability, safety and environment	234	50	41	42	42	43	44	45	46	47	48
18	Total reliability, safety and environment	299	96	92	94	95	97	99	101	103	106	108
19	Expenditure on network assets	750	777	775	823	805	855	872	890	873	926	909
20	Expenditure on non-network assets	98	73	92	62	96	65	66	68	103	70	108
21	Expenditure on assets	848	850	867	885	901	920	938	958	976	996	1,017
22												
23	plus Cost of financing	-	-	-	-	-	-	-	-	-	-	-
24	less Value of capital contributions	-	-	-	-	-	-	-	-	-	-	-
25	plus Value of vested assets	-	-	-	-	-	-	-	-	-	-	-
26	Capital expenditure forecast	848	850	867	885	901	920	938	958	976	996	1,017
27												
28	Assets commissioned	848	850	867	885	901	920	938	958	976	996	1,017
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42												
43												
44												
45	Subcomponents of expenditure on assets (where known)											
46	Research and development	-	-	-	-	-	-	-	-	-	-	-

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 GDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).
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sch ref		for year ended	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
			30 Jun 19	30 Jun 20	30 Jun 21	30 Jun 22	30 Jun 23	30 Jun 24	30 Jun 25	30 Jun 26	30 Jun 27	30 Jun 28	30 Jun 29
47													
48													
49													
50	Difference between nominal and constant price forecasts		\$000										
51	Consumer connection		-	-	4	9	13	18	23	28	33	38	43
52	System growth		-	-	1	3	4	6	7	9	10	12	14
53	Asset replacement and renewal		-	-	8	17	23	34	43	52	57	70	74
54	Asset relocations		-	-	-	-	-	-	-	-	-	-	-
55	Reliability, safety and environment:												
56	Quality of supply		-	-	1	2	3	4	5	6	7	9	10
57	Legislative and regulatory		-	-	-	-	-	-	-	-	-	-	-
58	Other reliability, safety and environment		-	0	1	2	2	3	4	5	6	7	8
59	Total reliability, safety and environment		-	0	2	4	5	7	9	11	13	16	18
60	Expenditure on network assets		-	0	15	33	45	65	82	100	113	136	149
61	Expenditure on non-network assets		-	-	2	2	6	5	6	8	13	10	18
62	Expenditure on assets		-	0	17	35	51	70	88	108	126	146	167

sch ref	11a(ii): Consumer Connection	for year ended	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
			30 Jun 19	30 Jun 20	30 Jun 21	30 Jun 22	30 Jun 23	30 Jun 24
67	Consumer types defined by GDB*		\$000 (in constant prices)					
68	Domestic		203	200	200	200	200	200
69	Non-domestic		8	20	20	20	20	20
70			-	-	-	-	-	-
71			-	-	-	-	-	-
72			-	-	-	-	-	-
73	* include additional rows if needed							
74	Consumer connection expenditure		211	220	220	220	220	220
75	less Capital contributions funding consumer connection							
76	Consumer connection less capital contributions		211	220	220	220	220	220

sch ref	11a(iii): System Growth		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
			30 Jun 19	30 Jun 20	30 Jun 21	30 Jun 22	30 Jun 23	30 Jun 24
77	Intermediate pressure							
78	Main pipe		-	-	-	-	-	-
79	Service pipe		-	-	-	-	-	-
80	Stations		-	-	-	-	-	-
81	Line valve		-	-	-	-	-	-
82	Special crossings		-	-	-	-	-	-
83	Intermediate Pressure total		-	-	-	-	-	-
84	Medium pressure							
85	Main pipe		20	15	15	15	15	15
86	Service pipe		-	-	-	-	-	-
87	Stations		-	-	-	-	-	-
88	Line valve		-	-	-	-	-	-
89	Special crossings		-	-	-	-	-	-
90	Medium Pressure total		20	15	15	15	15	15

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sch ref

92	Low Pressure						
93	Main pipe	57	55	55	55	55	55
94	Service pipe	-	-	-	-	-	-
95	Line valve	-	-	-	-	-	-
96	Special crossings	-	-	-	-	-	-
97	Low Pressure total	57	55	55	55	55	55
98	Other network assets						
99	Monitoring and control systems	-	-	-	-	-	-
100	Cathodic protection systems	-	-	-	-	-	-
101	Other assets (other than above)	-	-	-	-	-	-
102	Other network assets total	-	-	-	-	-	-
103							
104	System growth expenditure	77	70	70	70	70	70
105	less Capital contributions funding system growth	-	-	-	-	-	-
106	System growth less capital contributions	77	70	70	70	70	70
107							
108							

for year ended
 Current Year CY 30 Jun 19 CY+1 30 Jun 20 CY+2 30 Jun 21 CY+3 30 Jun 22 CY+4 30 Jun 23 CY+5 30 Jun 24

11a(iv): Asset Replacement and Renewal

		\$000 (in constant prices)					
111	Intermediate pressure						
112	Main pipe	-	-	-	-	-	-
113	Service pipe	-	-	-	-	-	-
114	Stations	14	3	5	5	5	5
115	Line valve	-	-	-	-	-	-
116	Special crossings	-	-	-	-	-	-
117	Intermediate Pressure total	14	3	5	5	5	5
118	Medium pressure						
119	Main pipe	-	25	-	-	-	-
120	Service pipe	-	-	-	-	-	-
121	Station	2	-	-	-	-	-
122	Line valve	-	-	-	-	-	-
123	Special crossings	-	40	-	-	-	-
124	Medium Pressure total	2	65	-	-	-	-
125	Low Pressure						
126	Main pipe	71	189	260	285	265	285
127	Service pipe	50	134	115	120	110	120
128	Line valve	-	-	-	-	-	-
129	Special crossings	26	-	-	-	-	-
130	Low Pressure total	147	323	375	405	375	405

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sch ref

131	Other network assets						
132	Monitoring and control systems						
133	Cathodic protection systems						
134	Other assets (other than above)						
135	Other network assets total						
136							
137	Asset replacement and renewal expenditure	163	391	380	410	380	410
138	less Capital contributions funding asset replacement and renewal	-	-	-	-	-	-
139	Asset replacement and renewal less capital contributions	163	391	380	410	380	410
140							

11a(v): Asset Relocations

141							
142	Project or programme*						
143	Nil						
144							
145							
146							
147							
148	* include additional rows if needed						
149	All other projects or programmes - asset relocations						
150	Asset relocations expenditure						
151	less Capital contributions funding asset relocations						
152	Asset relocations less capital contributions						
153							

11a(vi): Quality of Supply

154			Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
155	for year ended	30 Jun 19	30 Jun 20	30 Jun 21	30 Jun 22	30 Jun 23	30 Jun 24	
156								
157	Project or programme*							
158	System Reinforcement (Whanganui Bridges MP Mains Interconnect)	65						
159	Hakeke Street - Eastown Road MP Reinforcement		46					
160								
161								
162								
163	* include additional rows if needed							
164	All other projects or programmes - quality of supply			50	50	50	50	
165	Quality of supply expenditure	65	46	50	50	50	50	
166	less Capital contributions funding quality of supply			50	50	50	50	
167	Quality of supply less capital contributions	65	46					
168								

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SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

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sch ref

169	11a(vii): Legislative and Regulatory						
170	<i>Project or programme</i>						
171	Nil	-	-	-	-	-	-
172							
173							
174							
175							
176	<i>* include additional rows if needed</i>						
177	All other projects or programmes - legislative and regulatory	-	-	-	-	-	-
178	Legislative and regulatory expenditure	-	-	-	-	-	-
179	less Capital contributions funding legislative and regulatory	-	-	-	-	-	-
180	Legislative and regulatory less capital contributions	-	-	-	-	-	-
181	11a(viii): Other Reliability, Safety and Environment						
182	<i>Project or programme*</i>						
183	DRS Isolation Valves	15	15	15	15	15	15
184	Whanganui Sales Gate IP Pipelines stream crossing	219	-	-	-	-	-
185	DRS Metering	-	-	25	25	25	25
186	Putiki DRS Enclosure Security Upgrade	-	10	-	-	-	-
187	CELLO Network Monitoring Devices	-	15	-	-	-	-
188	Whanganui Sales Gate Security Upgrade	-	10	-	-	-	-
189	<i>* include additional rows if needed</i>						
190	All other projects or programmes - other reliability, safety and environment	-	-	-	-	-	-
191	Other reliability, safety and environment expenditure	234	50	40	40	40	40
192	less Capital contributions funding other reliability, safety and environment	-	-	-	-	-	-
193	Other Reliability, safety and environment less capital contributions	234	50	40	40	40	40
194	11a(ix): Non-Network Assets						
195	Routine expenditure						
196	<i>Project or programme*</i>						
197	Information and technology systems	2	40	10	10	10	10
198	Office buildings, depots and workshops	7	-	-	-	-	-
199	Office furniture and equipment	2	11	5	5	5	5
200	Motor vehicles	59	-	60	30	60	30
201	Tools, plant and machinery	28	22	15	15	15	15
202	<i>* include additional rows if needed</i>						
203	All other projects or programmes - routine expenditure	-	-	-	-	-	-
204	Routine expenditure	98	73	90	60	90	60
205	Atypical expenditure						
206	<i>Project or programme*</i>						
207	[Description of material project or programme]	-	-	-	-	-	-
208	[Description of material project or programme]	-	-	-	-	-	-
209	[Description of material project or programme]	-	-	-	-	-	-
210	[Description of material project or programme]	-	-	-	-	-	-
211	[Description of material project or programme]	-	-	-	-	-	-
212	<i>* include additional rows if needed</i>						
213	All other projects or programmes - atypical expenditure	-	-	-	-	-	-
214	Atypical expenditure	-	-	-	-	-	-
215							

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SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)
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sch ref

216

Expenditure on non-network assets

98	73	90	60	90	60
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SCHEDULE 11b: REPORT ON FORECAST OPERATIONAL EXPENDITURE

This schedule requires a breakdown of forecast operational expenditure for the disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. GDBs must provide explanatory comment on the difference between constant price and nominal dollar operational expenditure forecasts in Schedule 14a (Mandatory Explanatory Notes). This information is not part of audited disclosure information.

sch ref

	Current year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
for year ended	30 Jun 19	30 Jun 20	30 Jun 21	30 Jun 22	30 Jun 23	30 Jun 24	30 Jun 25	30 Jun 26	30 Jun 27	30 Jun 28	30 Jun 29
Operational Expenditure Forecast											
	\$000 (in nominal dollars)										
Service interruptions, incidents and emergencies	35	35	36	36	37	38	39	39	40	41	42
Routine and corrective maintenance and inspection	105	105	107	109	111	114	116	118	121	123	125
Asset replacement and renewal	20	20	20	21	21	22	22	23	23	23	24
Network opex	160	160	163	166	169	174	177	180	184	187	191
System operations and network support	700	685	699	713	727	741	756	771	787	803	819
Business support	870	990	1,010	1,030	1,051	1,072	1,093	1,115	1,137	1,160	1,183
Non-network opex	1,570	1,675	1,709	1,743	1,778	1,813	1,849	1,886	1,924	1,963	2,002
Operational expenditure	1,730	1,835	1,872	1,909	1,947	1,987	2,026	2,066	2,108	2,150	2,193
	\$000 (in constant prices)										
Service interruptions, incidents and emergencies	35	35	35	35	35	35	35	35	35	35	35
Routine and corrective maintenance and inspection	105	105	105	105	105	105	105	105	105	105	105
Asset replacement and renewal	20	20	20	20	20	20	20	20	20	20	20
Network opex	160	160	160	160	160	160	160	160	160	160	160
System operations and network support	700	685	685	685	685	685	685	685	685	685	685
Business support	870	990	990	990	990	990	990	990	990	990	990
Non-network opex	1,570	1,675	1,675	1,675	1,675	1,675	1,675	1,675	1,675	1,675	1,675
Operational expenditure	1,730	1,835	1,835	1,835	1,835	1,835	1,835	1,835	1,835	1,835	1,835
Subcomponents of operational expenditure (where known)											
Research and development	-	-	-	-	-	-	-	-	-	-	-
Insurance	180	180	180	180	180	180	180	180	180	180	180
	\$000										
Service interruptions, incidents and emergencies	-	-	1	1	2	3	4	4	5	6	7
Routine and corrective maintenance and inspection	-	-	2	4	6	9	11	13	16	18	20
Asset replacement and renewal	-	-	-	1	1	2	2	3	3	3	4
Network opex	-	-	3	6	9	14	17	20	24	27	31
System operations and network support	-	-	14	28	42	56	71	86	102	118	134
Business support	-	-	20	40	61	82	103	125	147	170	193
Non-network opex	-	-	34	68	103	138	174	211	249	288	327
Operational expenditure	-	-	37	74	112	152	191	231	273	315	358

Company Name	GasNet Limited
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SCHEDULE 12a: REPORT ON ASSET CONDITION

This schedule requires a breakdown of asset condition by asset class as at the start of the forecast year. The data accuracy assessment relates to the percentage values disclosed in the asset condition columns. Also required is a forecast of the percentage of units to be replaced in the next 5 years. All information should be consistent with the information provided in the AMP and the expenditure on assets forecast in Schedule 11a.

sch ref

Asset condition at start of planning period (percentage of units by grade)											
sch ref	Operating Pressure	Asset category	Asset class	Units	Grade 1	Grade 2	Grade 3	Grade 4	Grade unknown	Data accuracy (1-4)	% of asset forecast to be replaced in next
											5 years
7										4	-
9	Intermediate Pressure	Main pipe	IP PE main pipe	km						4	-
10	Intermediate Pressure	Main pipe	IP steel main pipe	km				100.00%		2	-
11	Intermediate Pressure	Main pipe	IP other main pipe	km						4	-
12	Intermediate Pressure	Service pipe	IP PE service pipe	km						4	-
13	Intermediate Pressure	Service pipe	IP steel service pipe	km				100.00%		2	-
14	Intermediate Pressure	Service pipe	IP other service pipe	km						4	-
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.		7.00%	93.00%			4	7.00
16	Intermediate Pressure	Line valve	IP line valves	No.			10.00%	90.00%		3	7.00
17	Intermediate Pressure	Special crossings	IP crossings	No.				100.00%		2	-
18	Medium Pressure	Main pipe	MP PE main pipe	km				100.00%		2	-
19	Medium Pressure	Main pipe	MP steel main pipe	km		10.00%		90.00%		2	-
20	Medium Pressure	Main pipe	MP other main pipe	km						4	-
21	Medium Pressure	Service pipe	MP PE service pipe	km				100.00%		2	-
22	Medium Pressure	Service pipe	MP steel service pipe	km				100.00%		2	-
23	Medium Pressure	Service pipe	MP other service pipe	km						4	-
24	Medium Pressure	Stations	Medium pressure DRS	No.			100.00%			4	-
25	Medium Pressure	Line valve	MP line valves	No.				100.00%		3	-
26	Medium Pressure	Special crossings	MP special crossings	No.		3.00%		97.00%		2	3.00
27	Low Pressure	Main pipe	LP PE main pipe	km				100.00%		2	-
28	Low Pressure	Main pipe	LP steel main pipe	km		8.00%	92.00%			2	10.00
29	Low Pressure	Main pipe	LP other main pipe	km		8.00%	92.00%			2	10.00
30	Low Pressure	Service pipe	LP PE service pipe	km				100.00%		2	-
31	Low Pressure	Service pipe	LP steel service pipe	km		30.00%	70.00%			2	50.00
32	Low Pressure	Service pipe	LP other service pipe	km		30.00%	70.00%			2	50.00
33	Low Pressure	Line valve	LP line valves	No.				100.00%		3	-
34	Low Pressure	Special crossings	LP special crossings	No.			40.00%	60.00%		2	27.00
35	All	Monitoring and control systems	Remote terminal units	No.				100.00%		4	-
36	All	Cathodic protection systems	Cathodic protection	No.				100.00%		4	-

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 AMP Planning Period **1 July 2019 – 30 June 2029**

SCHEDULE 12b: REPORT ON FORECAST UTILISATION

This Schedule requires a breakdown of current and forecast utilisation (for heavily utilised pipelines) consistent with the information provided in the AMP and the demand forecast in schedule S12c.

sch ref

Forecast Utilisation of Heavily Utilised Pipelines								Utilisation						Comment
Region	Network	Pressure system	Nominal operating pressure (NOP) (kPa)	Minimum operating pressure (kPa)	Total capacity at MinOP (scmh)	Remaining capacity at MinOP (scmh)	Unit	Current Year						
								CY	CY+1	CY+2	CY+3	CY+4	CY+5	
							y/e 30 Jun 19	y/e 30 Jun	y/e 30 Jun	y/e 30 Jun	y/e 30 Jun	y/e 30 Jun		
Rangitikei	Bulls	MP16	300	180	612	215	scmh	397	399	401	403	405	407	Bulls network has two large commercial consumers connected and domestic/small commercial load. A small annual increase in the domestic load is expected.
							kPa	272	271	271	270	269	269	
Rangitikei	Flockhouse	MP4	150	90	348	328	scmh	20	20	20	20	20	20	The Flockhouse network has small commercial and domestic load which is not expected to increase. The network was originally constructed for a agricultural training facility that no longer exists.
							kPa	150	150	150	150	150	150	
South Taranaki	Waitotara	MP5	300	180	288	23	scmh	265	265	265	265	265	265	This pressure system has one consumer, a meat processing plant. We are not aware of any change to load but will continue to liaise with Retailer.
							kPa	200	200	200	200	200	200	
Rangitikei	Marton	MP3	210	126	1,132	3	scmh	1129	1140	1152	1163	1175	1187	MinOP occurs at an extremity of the network where a small diameter main supplies two commercial consumers, the load was increased at this point to calculate MinOP. The application of additional load at this extremity is not likely.
							kPa	128	121	112	102	91	78	
Rangitikei	Marton	IP2	1,500	900	7,145	4,297	scmh	2848	2876	2905	2934	2964	2993	This network is a single arterial main ending at a DRS. The DRS load was increased to calculate MinOp.
							kPa	1466	1464	1463	1462	1460	1459	
							scmh							
							kPa							
							scmh							
							kPa							
							scmh							
							kPa							
							scmh							
							kPa							

* Current year utilisation figures may be estimates. Year 1–5 figures show the utilisation forecast to occur given the expected system configuration for each year, including the effect of any new investment in the pressure system.

Disclaimer for supply

The information contained in this Table has been provided from models using estimates of utilisation and capacity. Parties interested in connection to the network should contact GasNet directly.

Notes and assumptions

1. Development of GasNet's network models using the Synergi application is in progress with Waitotara, Flockhouse and Bulls models completed. The information contained in this Report only contains data from these models. Further development of GasNet's remaining networks is on going and utilisation information for these networks will be provided in future reports.
2. It is GasNet's intention to report on utilisation of all GasNet networks in future, not only 'Heavily Utilised Pipelines'.
3. The minimum operating pressure (MinOP) has been determined to be 60% of the Nominal Operating Pressure (NOP).
4. Total capacity at MinOP has been determined by applying additional load at the network extremity presenting the lowest pressure under current operation to the point that MinOP is reached at that point in the pressure network.

Company Name

GasNet Limited

AMP Planning Period

1 July 2019 – 30 June 2029

SCHEDULE 12c: REPORT ON FORECAST DEMAND

This schedule requires a forecast of new connections (by consumer type), peak demand and energy volumes for the disclosure year and a 5 year planning period. The forecasts should be consistent with the supporting information set out in the AMP as well as the assumptions used in developing the expenditure forecasts in Schedule 11a and Schedule 11b and the capacity and utilisation forecasts in Schedule 12b.

sch ref

7 12c(i) Consumer Connections

8 Number of ICPs connected in year by consumer type

9		Current year CY	CY+1	CY+2	CY+3	CY+4	CY+5
10	Consumer types defined by GDB	30 Jun 19	30 Jun 20	30 Jun 21	30 Jun 22	30 Jun 23	30 Jun 24
11	Domestic	120	71	49	49	49	49
12	Non-domestic	2	1	1	1	1	1
13							
14							
15							
16	Total	122	72	50	50	50	50

18 12c(ii): Gas Delivered

19		Current year CY	CY+1	CY+2	CY+3	CY+4	CY+5
20		30 Jun 19	30 Jun 20	30 Jun 21	30 Jun 22	30 Jun 23	30 Jun 24
20	Number of ICPs at year end (at year end)	10,028	10,100	10,150	10,200	10,250	10,300
21	Maximum daily load (GJ per day)	5,000	5,040	5,060	5,080	5,100	5,120
22	Maximum monthly load (GJ per month)	125,400	126,300	126,930	127,560	128,190	128,820
23	Number of directly billed ICPs (at year end)	-	-	-	-	-	-
24	Total gas conveyed (GJ per annum)	1,272,543	1,264,889	1,285,118	1,281,581	1,282,542	1,284,045
25	Average daily delivery (GJ per day)	3,486	3,456	3,521	3,511	3,514	3,508
26							
27	Load factor	84.57%	83.46%	84.37%	83.72%	83.38%	83.06%