



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

Company Name	<input type="text" value="Powerco Limited"/>
Disclosure Date	<input type="text" value="31 March 2023"/>
Disclosure Year (year ended)	<input type="text" value="30 September 2022"/>

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 21 December 2017

Table of Contents**Schedule Description**

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3	Report on Regulatory Profit
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Disclosure Template Instructions

These templates have been prepared for use by GDBs when making disclosures under subclauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Gas Distribution Information Disclosure Determination 2012.

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 (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For year ended' date 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 2 cells G79 and I79:L79 will change colour if the total cashflows do not equal the corresponding values in table 2(ii).

Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

Schedule 9b columns AA to AE (2013 to 2017) contain conditional formatting. The data entry cells for future years are hidden (are changed from white to yellow).

Schedule 9b cells AG10 to AG37 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.

Schedule 9c cell F22 will change colour if F22 (system length by operating pressure) does not equal F16 (system length by material).

Inserting Additional Rows and Columns

The templates for schedules 4, 5b, 5c, 5d, 5e, 5i, 6a, 8, 9c, 9d, 10a and 10b may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule references.

Additional rows in schedules 5c, 6a, 9c and 9d 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.

Schedules 5d and 5e may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from row 72 of schedule 5d and row 71 of schedule 5e to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 64:72 of the relevant template, copy, select Excel row 73, then insert copied cells. Similarly, for table 5e(ii): Select Excel rows 63:71 of the relevant template, copy, select Excel row 72, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted between column M and Q. To avoid interfering with the title block entries, these should be inserted to the left of column N. If inserting additional columns, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The formulas can be found in the equivalent cells of the existing columns.

Disclosures by Sub-Network

Schedules 8, 9a, 9b, 9c, 9d, 10a and 10b must be completed for the network and for each sub-network. A copy of the schedule worksheet(s) must be made for each subnetwork and named accordingly.

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 21 December 2017). 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.

Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been completed. Data entry may be assisted by completing the schedules in the following order:

1. Coversheet
2. Schedules 5a–5e
3. Schedules 6a–6b
4. Schedule 8
5. Schedule 3
6. Schedule 4
7. Schedule 2
8. Schedule 7
9. Schedules 9a–9d
10. Schedules 10a and 10b

Company Name	Powerco Limited
For Year Ended	30 September 2022

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.

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1(i): Expenditure Metrics

	Expenditure per TJ energy delivered to ICPs (\$/TJ)	Expenditure per average no. of ICPs (\$/ICP)	Ratio of expenditure to maximum monthly load (\$ per GJ/month)	Expenditure per km of pipeline for supply (\$/km)
Operational expenditure	2,064	157	18	2,859
Network	800	61	7	1,109
Non-network	1,263	96	11	1,750
Expenditure on assets	2,294	175	20	3,179
Network	1,990	152	17	2,757
Non-network	304	23	3	421

1(ii): Revenue Metrics

	Revenue per TJ energy delivered to ICPs (\$/TJ)	Revenue per average no. of ICPs (\$/ICP)
Total line charge revenue	6,336	483
Standard consumer line charge revenue	10,442	431
Non-standard consumer line charge revenue	1,494	27,513

1(iii): Service Intensity Measures

Demand density	158	Maximum monthly load (GJ per month) per system length
Volume density	1	Quantity of gas delivered per km of system length (TJ/km)
Connection point density	18	Average number of ICPs in disclosure year per system length
Energy intensity	76	Total GJ delivered to ICPs per average number of ICPs in disclosure year

1(iv): Composition of Revenue Requirement

	(\$000)	% of revenue
Operational expenditure	17,802	31.53%
Pass-through and recoverable costs excluding financial incentives and wash-ups	1,966	3.48%
Total depreciation	15,575	27.59%
Total revaluations	29,108	51.56%
Regulatory tax allowance	5,784	10.25%
Regulatory profit/(loss) including financial incentives and wash-ups	43,947	77.85%
Total regulatory income	56,452	

1(v): Reliability

Interruption rate	11.64	Interruptions per 100km of system length
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Company Name	Powerco Limited
For Year Ended	30 September 2022

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the GDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GDBs 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 GDB makes this election, information supporting this calculation must be provided in 2(iii).

GDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).

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sch ref

2(i): Return on Investment		for year ended		
		CY-2 30 Sep 20	CY-1 30 Sep 21	Current Year CY 30 Sep 22
		%	%	%
10	ROI – comparable to a post tax WACC			
10	Reflecting all revenue earned	4.65%	8.86%	11.36%
11	Excluding revenue earned from financial incentives	4.65%	8.86%	11.36%
12	Excluding revenue earned from financial incentives and wash-ups	4.65%	8.86%	11.36%
14	Mid-point estimate of post tax WACC	4.07%	3.54%	4.30%
15	25th percentile estimate	3.36%	2.83%	3.60%
16	75th percentile estimate	4.78%	4.24%	5.01%
19	ROI – comparable to a vanilla WACC			
20	Reflecting all revenue earned	4.98%	9.10%	11.73%
21	Excluding revenue earned from financial incentives	4.98%	9.10%	11.73%
22	Excluding revenue earned from financial incentives and wash-ups	4.98%	9.10%	11.73%
24	WACC rate used to set regulatory price path	6.41%	6.41%	6.41%
26	Mid-point estimate of vanilla WACC	4.40%	3.78%	4.67%
27	25th percentile estimate	3.70%	3.07%	3.96%
28	75th percentile estimate	5.11%	4.49%	5.38%
30	2(ii): Information Supporting the ROI	(\$000)		
32	Total opening RAB value	406,139		
33	<i>plus</i> Opening deferred tax	(31,548)		
34	Opening RIV		374,591	
36	Line charge revenue		54,656	
38	Expenses cash outflow	19,768		
39	<i>plus</i> Assets commissioned	21,213		
40	<i>less</i> Asset disposals	(26)		
41	<i>plus</i> Tax payments	5,185		
42	<i>less</i> Other regulated income	1,797		
43	Mid-year net cash flows		44,395	
45	Term credit spread differential allowance		486	
47	Total closing RAB value	439,801		
48	<i>less</i> Adjustment resulting from asset allocation	(1,110)		
49	<i>less</i> Lost and found assets adjustment	-		
50	<i>plus</i> Closing deferred tax	(32,147)		
51	Closing RIV		408,764	
53	ROI – comparable to a vanilla WACC			11.73%
55	Leverage (%)			42%
56	Cost of debt assumption (%)			3.10%
57	Corporate tax rate (%)			28%
59	ROI – comparable to a post tax WACC			11.36%

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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GDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).

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sch ref

2(iii): Information Supporting the Monthly ROI

61									
62									
63	Opening RIV								N/A
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79	Total								
80									
81	Tax Payments								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									

2(iv): Year-End ROI Rates for Comparison Purposes

92									
93									
94	Year-end ROI – comparable to a vanilla WACC								11.41%
95									
96	Year-end ROI – comparable to a post tax WACC								11.04%
97									

* these year-end ROI values are comparable to the ROI reported in pre 2012 disclosures by GDBs and do not represent the Commission's current view on ROI.

2(v): Financial Incentives and Wash-Ups

100									
101									
102	Financial incentives								
103									
104	Impact of financial incentives on ROI								-
105									
106	Input methodology claw-back								
107	CPP application recoverable costs								
108	Catastrophic event allowance								
109	Capex wash-up adjustment								
110	Other wash-ups								
111	Wash-up costs								-
112									
113	Impact of wash-up costs on ROIs								-

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the GDB for the disclosure year. GDBs must complete all sections and must provide explanatory comment on 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		54,656
10	plus Gains / (losses) on asset disposals		29
11	plus Other regulated income (other than gains / (losses) on asset disposals)		1,768
12			
13	Total regulatory income		56,452
14	Expenses		
15	less Operational expenditure		17,802
16			
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups		1,966
18			
19	Operating surplus / (deficit)		36,684
20			
21	less Total depreciation		15,575
22			
23	plus Total revaluations		29,108
24			
25	Regulatory profit / (loss) before tax		50,217
26			
27	less Term credit spread differential allowance		486
28			
29	less Regulatory tax allowance		5,784
30			
31	Regulatory profit/(loss) including financial incentives and wash-ups		43,947
32			
33	3(ii): Pass-through and recoverable costs excluding financial incentives and wash-ups		(\$000)
34	Pass through costs		
35	Rates	1,486	
36	Commerce Act levies	410	
37	Industry Levies	71	
38	CPP specified pass through costs	-	
39	Recoverable costs excluding financial incentives and wash-ups		
40	Urgent project allowance	-	
41	Other recoverable costs excluding financial incentives and wash-ups	-	
42	Pass-through and recoverable costs excluding financial incentives and wash-ups		1,966
43			
44			
45			
46	3(iv): Merger and Acquisition Expenditure		(\$000)
47			
48	Merger and acquisition expenditure		-
49			
50	<i>Provide commentary on the benefits of merger and acquisition expenditure to the gas distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>		
51			(\$000)
52	3(v): Other Disclosures		(\$000)
53			
54	Self-insurance allowance		-

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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. GDBs 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

7 8 9	4(i): Regulatory Asset Base Value (Rolled Forward)	RAB	RAB	RAB	RAB	RAB
		for year ended #####	30 Sep 19	30 Sep 20	30 Sep 21	30 Sep 22
		(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
10	Total opening RAB value	364,155	369,556	383,407	388,863	406,139
11						
12	less Total depreciation	13,662	14,051	17,169	16,521	15,575
13						
14	plus Total revaluations	6,831	5,364	5,520	19,047	29,108
15						
16	plus Assets commissioned	12,763	23,350	15,739	15,515	21,213
17						
18	less Asset disposals	160	437	587	120	(26)
19						
20	plus Lost and found assets adjustment	-	-	-	-	-
21						
22	plus Adjustment resulting from asset allocation	(371)	(375)	1,953	(645)	(1,110)
23						
24	Total closing RAB value	369,556	383,407	388,863	406,139	439,801
25						

26 27 28	4(ii): Unallocated Regulatory Asset Base	Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
29	Total opening RAB value		496,252		406,139
30	less				
31	Total depreciation		28,746		15,575
32	plus				
33	Total revaluations		35,497		29,108
34	plus				
35	Assets commissioned (other than below)	37,198		21,213	
36	Assets acquired from a regulated supplier	-		-	
37	Assets acquired from a related party	-		-	
38	Assets commissioned		37,198		21,213
39	less				
40	Asset disposals (other than below)	285		(26)	
41	Asset disposals to a regulated supplier	-		-	
42	Asset disposals to a related party	-		-	
43	Asset disposals		285		(26)
44					
45	plus Lost and found assets adjustment		-		-
46					
47	plus Adjustment resulting from asset allocation				(1,110)
48					
49	Total closing RAB value		539,917		439,801

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

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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. GDBs 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.

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

CPI _t	1,186
CPI _{t-4}	1,106
Revaluation rate (%)	7.23%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	496,252		406,139	
less Opening value of fully depreciated, disposed and lost assets	5,504		3,726	
Total opening RAB value subject to revaluation	490,749		402,413	
Total revaluations		35,497		29,108

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		23,813		10,773
plus Capital expenditure	29,761		19,572	
less Assets commissioned	37,198		21,213	
plus Adjustment resulting from asset allocation			(101)	
Works under construction - current disclosure year		16,376		9,031
Highest rate of capitalised finance applied				3.08%

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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. GDBs 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

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

	Unallocated RAB * (\$000)	(\$000)	RAB (\$000)	(\$000)
79 Depreciation - standard	14,021		13,662	
80 Depreciation - no standard life assets	14,725		1,913	
81 Depreciation - modified life assets	-		-	
82 Depreciation - alternative depreciation in accordance with CPP	-		-	
83 Total depreciation		28,746		15,575

84 (\$000 unless otherwise specified)

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

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**

97 (\$000 unless otherwise specified)

	Intermediate pressure main pipelines	Medium pressure main pipelines	Low pressure main pipelines	Service pipe	Stations	Line valve	Special crossings	Other network assets	Non-network assets	Total
99 Total opening RAB value	48,428	173,438	4,769	109,868	6,278	4,779	880	36,077	21,622	406,139
100 less Total depreciation	1,606	6,925	54	3,950	374	107	14	452	2,093	15,575
101 plus Total revaluations	3,498	12,754	148	7,950	474	350	64	2,565	1,305	29,108
102 plus Assets commissioned	48	8,885	12	5,024	1,266	332	-	2,687	2,958	21,213
103 less Asset disposals	13	(87)	(4)	(59)	(137)	(22)	(2)	222	49	(26)
104 plus Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
105 plus Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	(1,110)	(1,110)
106 plus Asset category transfers	(72)	2,796	(2,729)	5	-	-	-	-	0	-
107 Total closing RAB value	50,284	191,034	2,150	118,957	7,781	5,376	932	40,655	22,633	439,801

108 **Asset Life**

110 Weighted average remaining asset life	34.7	34.6	41.0	37.0	25.8	52.1	64.0	39.7	22.3	(years)
111 Weighted average expected total asset life	69.5	59.1	59.9	59.1	34.5	64.7	70.1	41.7	29.2	(years)

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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). GDBs 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 1.4.

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		50,217
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	214	*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	37	*
12	Amortisation of initial differences in asset values	2,287	
13	Amortisation of revaluations	2,313	
14			4,850
15			
16	<i>less</i> Total revaluations	29,108	
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	21	*
19	Notional deductible interest	5,282	
20			34,410
21			
22	Regulatory taxable income		20,657
23			
24	<i>less</i> Utilised tax losses	-	
25	Regulatory net taxable income		20,657
26			
27	Corporate tax rate (%)	28%	
28	Regulatory tax allowance		5,784

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).

		(\$000)	
34	5a(iii): Amortisation of Initial Difference in Asset Values		
35			
36	Opening unamortised initial differences in asset values	64,033	
37	<i>less</i> Amortisation of initial differences in asset values	2,287	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	-	
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	(8)	
40	Closing unamortised initial differences in asset values		61,754
41			
42	Opening weighted average remaining useful life of relevant assets (years)		28
43			

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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). GDBs 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

sch ref

44	5a(iv): Amortisation of Revaluations		(\$000)
45			
46	Opening sum of RAB values without revaluations	347,277	
47			
48	Adjusted depreciation	13,263	
49	Total depreciation	15,575	
50	Amortisation of revaluations		2,313
51			
52	5a(v): Reconciliation of Tax Losses		(\$000)
53			
54	Opening tax losses	-	
55	plus Current period tax losses	-	
56	less Utilised tax losses	-	
57	Closing tax losses		-
58	5a(vi): Calculation of Deferred Tax Balance		(\$000)
59			
60	Opening deferred tax	(31,548)	
61			
62	plus Tax effect of adjusted depreciation	3,714	
63			
64	less Tax effect of tax depreciation	3,974	
65			
66	plus Tax effect of other temporary differences*	257	
67			
68	less Tax effect of amortisation of initial differences in asset values	640	
69			
70	plus Deferred tax balance relating to assets acquired in the disclosure year	-	
71			
72	less Deferred tax balance relating to assets disposed in the disclosure year	41	
73			
74	plus Deferred tax cost allocation adjustment	86	
75			
76	Closing deferred tax		(32,147)
77			
78	5a(vii): Disclosure of Temporary Differences		
79	<i>In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).</i>		
80			
81	5a(viii): Regulatory Tax Asset Base Roll-Forward		
82			(\$000)
83	Opening sum of regulatory tax asset values	169,165	
84	less Tax depreciation	14,194	
85	plus Regulatory tax asset value of assets commissioned	20,903	
86	less Regulatory tax asset value of asset disposals	119	
87	plus Lost and found assets adjustment	-	
88	plus Adjustments resulting from asset allocation	(805)	
89	plus Other adjustments to the RAB tax value	-	
90	Closing sum of regulatory tax asset values		174,951

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with clause 2.3.6 of the ID determination. This information is part of audited disclosure information (as defined in clause 1.4 of the ID determination), and so is subject to the assurance report required by clause 2.8.

sch ref

	(\$000)	(\$000)
5b(i): Summary—Related Party Transactions		
Total regulatory income		1,238
Market value of asset disposals		-
Service interruptions, incidents and emergencies	-	
Routine and corrective maintenance and inspection	-	
Asset replacement and renewal (opex)	-	
Network opex		-
Business support	-	
System operations and network support	-	
Operational expenditure		-
Consumer connection	-	
System growth	-	
Asset replacement and renewal (capex)	-	
Asset relocations	-	
Quality of supply	-	
Legislative and regulatory	-	
Other reliability, safety and environment	-	
Expenditure on non-network assets		-
Expenditure on assets		-
Cost of financing	-	
Value of capital contributions	-	
Value of vested assets	-	
Capital expenditure		-
Total expenditure		-
Other related party transactions		
5b(iii): Total Opex and Capex Related Party Transactions		0

Name of related party	Nature of opex or capex service provided	Total value of transactions (\$000)
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
	[Select one]	
Total value of related party transactions		-

* include additional rows if needed

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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

7			
8	5c(i): Qualifying Debt (may be Commission only)		
9			
26			
27	5c(ii): Attribution of Term Credit Spread Differential		
28			
29	Gross term credit spread differential		5,421
30			
31	Total book value of interest bearing debt	1,982,446	
32	Leverage	42%	
33	Average opening and closing RAB values	422,970	
34	Attribution Rate (%)		9%
35			
36	Term credit spread differential allowance		486

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. GDBs 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

		Value allocated (\$000s)			
		Arm's length deduction	Gas distribution services	Non-gas distribution services	OVABAA allocation increase (\$000s)
			Total		
7	5d(i): Operating Cost Allocations				
8					
9					
10	Service interruptions, incidents and emergencies				
11	Directly attributable		631		
12	Not directly attributable	-	-	-	-
13	Total attributable to regulated service		631		
14	Routine and corrective maintenance and inspection				
15	Directly attributable		3,317		
16	Not directly attributable	-	-	-	-
17	Total attributable to regulated service		3,317		
18	Asset replacement and renewal				
19	Directly attributable		2,956		
20	Not directly attributable	-	-	-	-
21	Total attributable to regulated service		2,956		
22	System operations and network support				
23	Directly attributable		3,719		
24	Not directly attributable	-	36	222	259
25	Total attributable to regulated service		3,756		
26	Business support				
27	Directly attributable		675		
28	Not directly attributable	-	6,467	34,734	41,202
29	Total attributable to regulated service		7,143		
30					
31	Operating costs directly attributable		11,298		
32	Operating costs not directly attributable	-	6,504	34,957	41,460
33	Operational expenditure		17,802		
34					

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. GDBs 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

35 5d(ii): Other Cost Allocations		Value allocated (\$000s)				OVABAA allocation increase (\$000s)
		Arm's length deduction	Gas distribution services	Non-gas distribution services	Total	
36 Pass through and recoverable costs						
37 Pass through costs						
38	Directly attributable		1,895			
39	Not directly attributable	-	71	218	289	-
40	Total attributable to regulated service		1,966			
41 Recoverable costs						
42	Directly attributable		-			
43	Not directly attributable	-	-	-	-	-
44	Total attributable to regulated service		-			

45 **5d(iii): Changes in Cost Allocations* †**

46 Change in cost allocation 1		(\$000)	
		CY-1	Current Year (CY)
47	Cost category		
48	Original allocator or line items		
49	New allocator or line items		
50			
51			
52	Rationale for change		

56 Change in cost allocation 2		(\$000)	
		CY-1	Current Year (CY)
57	Cost category		
58	Original allocator or line items		
59	New allocator or line items		
60			
61	Rationale for change		

65 Change in cost allocation 3		(\$000)	
		CY-1	Current Year (CY)
66	Cost category		
67	Original allocator or line items		
68	New allocator or line items		
69			
70	Rationale for change		

73 * a change in cost allocation must be completed for each cost allocator change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.

74 † include additional rows if needed

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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. GDBs 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 distribution services
8		
9		
10	Main pipe	
11	Directly attributable	243,467
12	Not directly attributable	-
13	Total attributable to regulated service	243,467
14	Service pipe	
15	Directly attributable	118,957
16	Not directly attributable	-
17	Total attributable to regulated service	118,957
18	Stations	
19	Directly attributable	7,781
20	Not directly attributable	-
21	Total attributable to regulated service	7,781
22	Line valve	
23	Directly attributable	5,376
24	Not directly attributable	-
25	Total attributable to regulated service	5,376
26	Special crossings	
27	Directly attributable	932
28	Not directly attributable	-
29	Total attributable to regulated service	932
30	Other network assets	
31	Directly attributable	40,655
32	Not directly attributable	-
33	Total attributable to regulated service	40,655
34	Non-network assets	
35	Directly attributable	7,475
36	Not directly attributable	15,157
37	Total attributable to regulated service	22,633
38		
39	Regulated service asset value directly attributable	424,643
40	Regulated service asset value not directly attributable	15,157
41	Total closing RAB value	439,801
42		

43 5e(ii): Changes in Asset Allocations* †				(\$000)		
44 Change in asset value allocation 1				CY-1	Current Year (CY)	
45	Asset category		Original allocation			
46	Original allocator or line items		New allocation			
47	New allocator or line items		Difference	-	-	
48						
49	Rationale for change					
50						
51						
52						
53						
54						
55	Change in asset value allocation 2					
56	Asset category		Original allocation			
57	Original allocator or line items		New allocation			
58	New allocator or line items		Difference	-	-	
59						
60	Rationale for change					
61						
62						
63						
64	Change in asset value allocation 3					
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	* 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.					
73	† include additional rows if needed					

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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. GDBs 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		(\$000)	(\$000)
8	Consumer connection			6,731
9	System growth			3,114
10	Asset replacement and renewal			5,300
11	Asset relocations			89
12	Reliability, safety and environment:			
13	Quality of supply	430		
14	Legislative and regulatory	-		
15	Other reliability, safety and environment	1,502		
16	Total reliability, safety and environment			1,933
17	Expenditure on network assets			17,168
18	Expenditure on non-network assets			2,624
19				
20	Expenditure on assets			19,792
21	plus Cost of financing			94
22	less Value of capital contributions			314
23	plus Value of vested assets			-
24				
25	Capital expenditure			19,572
26	6a(ii): Subcomponents of Expenditure on Assets (where known)			(\$000)
27	Research and development			-
28	6a(iii): Consumer Connection			
29	Consumer types defined by GDB*		(\$000)	(\$000)
30	Residential/Small Commercial	6,089		
31	Commercial	642		
32	Industrial	-		
33				
34				
35	* include additional rows if needed			
36	Consumer connection expenditure			6,731
37				
38	less Capital contributions funding consumer connection expenditure	118		
39	Consumer connection less capital contributions			6,612

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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. GDBs 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

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6a(iv): System Growth and Asset Replacement and Renewal

	System Growth (\$000)	Asset Replacement and Renewal (\$000)
Intermediate pressure		
Main pipe	-	-
Service pipe	-	-
Stations	462	731
Line valve	-	440
Special crossings	-	358
Intermediate pressure - total	462	1,530
Medium pressure		
Main pipe	2,652	2,382
Service pipe	-	617
Stations	-	2
Line valve	-	-
Special crossings	-	57
Medium pressure - total	2,652	3,057
Low pressure		
Main pipe	-	1
Service pipe	-	215
Line valve	-	49
Special crossings	-	-
Low pressure - total	-	265
Other network assets		
Monitoring and control systems	-	-
Cathodic protection systems	-	385
Other assets (other than above)	-	64
Other network assets - total	-	449
System growth and asset replacement and renewal expenditure	3,114	5,300
less Capital contributions funding system growth and asset replacement and renewal	133	1
System growth and asset replacement and renewal less capital contributions	2,982	5,299

6a(v): Asset Relocations

Project or programme*	(\$000)	(\$000)
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	89	89
Asset relocations expenditure		
less Capital contributions funding asset relocations	62	
Asset relocations less capital contributions		27

* include additional rows if needed

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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. GDBs 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

85	6a(vi): Quality of Supply		
86	Project or programme*	(\$000)	(\$000)
87	Palmerston North Rationalisation	348	
88		-	
89		-	
90		-	
91		-	
92	* include additional rows if needed		
93	All other projects or programmes - quality of supply	82	
94	Quality of supply expenditure		430
95	less Capital contributions funding quality of supply	-	
96	Quality of supply less capital contributions		430
97			
98	6a(vii): Legislative and Regulatory		
99	Project or programme*	(\$000)	(\$000)
100		-	
101		-	
102		-	
103		-	
104		-	
105	* include additional rows if needed		
106	All other projects or programmes - legislative and regulatory	-	
107	Legislative and regulatory expenditure		-
108	less Capital contributions funding legislative and regulatory	-	
109	Legislative and regulatory less capital contributions		-
110			
111	6a(viii): Other Reliability, Safety and Environment		
112	Project or programme*	(\$000)	(\$000)
113	Avalon Rationalisation	865	
114	Wellington IP Valves	508	
115		-	
116		-	
117		-	
118	* include additional rows if needed		
119	All other projects or programmes - other reliability, safety and environment	129	
120	Other reliability, safety and environment expenditure		1,502
121	less Capital contributions funding other reliability, safety and environment	-	
122	Other reliability, safety and environment less capital contributions		1,502
123	6a(ix): Non-Network Assets		
124	Routine expenditure		
125	Project or programme*	(\$000)	(\$000)
126	Enterprise Asset Management System	709	
127	Tauranga Office Alterations	185	
128	Leases	179	
129	Improve network Operations (OMS/DMS)	178	
130	IT Renewal	168	
131	Concept to Completion	117	
132	* include additional rows if needed		
133	All other projects or programmes - routine expenditure	660	
134	Routine expenditure		2,197
135	Atypical expenditure		
136	Project or programme*	(\$000)	(\$000)
137	T.D Williamson Gas Equipment	270	
138		-	
139		-	
140		-	
141		-	
142	* include additional rows if needed		
143	All other projects or programmes - atypical expenditure	157	
144	Atypical expenditure		427
145			
146	Expenditure on non-network assets		2,624

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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

This schedule requires a breakdown of operational expenditure incurred in the current disclosure year. GDBs 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	631	
9	Routine and corrective maintenance and inspection	3,317	
10	Asset replacement and renewal	2,956	
11	Network opex		6,903
12	System operations and network support	3,756	
13	Business support	7,143	
14	Non-network opex		10,899
15			
16	Operational expenditure		17,802
17	6b(ii): Subcomponents of Operational Expenditure (where known)		
18	Research and development		-
19	Insurance		57

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**

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.

GDBs 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

8	7(i): Revenue	Target (\$000) ¹	Actual (\$000)	% variance
9	Line charge revenue	55,531	54,656	(2%)
10	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
11	Consumer connection	7,333	6,731	(8%)
12	System growth	1,784	3,114	75%
13	Asset replacement and renewal	4,135	5,300	28%
14	Asset relocations	123	89	(28%)
15	Reliability, safety and environment:			
16	Quality of supply	2,020	430	(79%)
17	Legislative and regulatory	-	-	-
18	Other reliability, safety and environment	796	1,502	89%
19	Total reliability, safety and environment	2,816	1,933	(31%)
	Expenditure on network assets	16,191	17,168	6%
21	Expenditure on non-network assets	2,526	2,624	4%
22	Expenditure on assets	18,717	19,792	6%
23	7(iii): Operational Expenditure			
24	Service interruptions, incidents and emergencies	604	631	4%
25	Routine and corrective maintenance and inspection	3,199	3,317	4%
26	Asset replacement and renewal	2,321	2,956	27%
27	Network opex	6,124	6,903	13%
28	System operations and network support	5,052	3,756	(26%)
29	Business support	7,591	7,143	(6%)
30	Non-network opex	12,643	10,899	(14%)
31	Operational expenditure	18,767	17,802	(5%)
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Research and development	-	-	-
34	7(v): Subcomponents of Operational Expenditure (where known)			
35	Research and development	-	-	-
36	Insurance	73	57	(22%)
37	<i>1 From the nominal dollar target revenue for the pricing year disclosed under clause 2.4.3(3) of this determination</i>			
38	<i>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)</i>			

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-Network Name	Powerco Limited

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

sch ref

8(i): Billed quantities by price component

Billed quantities by price component

Add extra columns for additional billed quantities by price component as necessary

Price component

Unit charging basis (eg, days, GJ, etc.)

Price component	Fixed	Variable			
Unit charging basis (eg, days, GJ, etc.)	Days	GJ			
	-	298,586			
	30,759,463	2,748,492			
	678,353	439,362			
	213,708	457,636			
	99,463	558,571			
	18,615	165,121			
	34,245	410,886			
	30,800	3,547,459			
	-	-			
	-	-			
	-	-			
	-	-			

Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Quantity of gas delivered (TJ)
G06	Residential	Standard	25,923	299
G11	Residential / Small Commercial	Standard	84,273	2,748
G12	Commercial	Standard	1,859	439
G14	Commercial	Standard	586	458
G16	Commercial	Standard	273	559
G18	Commercial	Standard	51	165
G30	Commercial	Non-standard	117	411
G40	Industrial	Non-standard	98	3,547
		[Select one]	-	-
		[Select one]	-	-
		[Select one]	-	-
		[Select one]	-	-

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	112,963	4,668
Non-standard consumer totals	215	3,958
Total for all consumers	113,178	8,626

	31,769,600	4,667,769	-	-	-
	65,045	3,958,345	-	-	-
	31,834,645	8,626,113	-	-	-

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-Network Name	Powerco Limited

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

8(ii): Line charge revenues (\$000) by price component					Line charge revenues (\$000) by price component					Add extra columns for additional line charge revenues by price component as necessary	
Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Price component	Rate (eg, \$ per day, \$ per GJ, etc.)	Fixed	Variable			
							\$/day	\$/GJ			
G06	Residential	Standard	\$6,072				-	\$6,072			
G11	Residential / Small Commercial	Standard	\$33,083				\$19,007	\$14,076			
G12	Commercial	Standard	\$2,953				\$863	\$2,091			
G14	Commercial	Standard	\$2,959				\$1,116	\$1,844			
G16	Commercial	Standard	\$2,882				\$735	\$2,147			
G18	Commercial	Standard	\$791				\$209	\$581			
G30	Commercial	Non-standard	\$1,309				\$440	\$869			
G40	Industrial	Non-standard	\$4,607				\$1,659	\$2,948			
		[Select one]	-				-	-			
		[Select one]	-				-	-			
		[Select one]	-				-	-			
		[Select one]	-				-	-			
Standard consumer totals			\$48,740	-			\$21,929	\$26,811	-	-	
Non-standard consumer totals			\$5,915	-			\$2,098	\$3,817	-	-	
Total for all consumers			\$54,656	-			\$24,027	\$30,628	-	-	

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-Network Name	Central Network

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

sch ref

8(i): Billed quantities by price component

Billed quantities by price component

Add extra columns for additional billed quantities by price component as necessary

Price component

Unit charging basis (eg, days, GJ, etc.)

Price component	Fixed	Variable			
Unit charging basis (eg, days, GJ, etc.)	Days	GJ			
	-	141,939			
	12,140,265	934,009			
	274,845	199,441			
	110,595	258,744			
	57,123	332,035			
	10,950	114,521			
	6,181	144,100			
	23,135	2,925,813			
	-	-			
	-	-			
	-	-			
	-	-			

Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Quantity of gas delivered (TJ)
G06	Residential	Standard	12,381	142
G11	Residential / Small Commercial	Standard	33,261	934
G12	Commercial	Standard	753	199
G14	Commercial	Standard	303	259
G16	Commercial	Standard	157	332
G18	Commercial	Standard	30	115
G30	Commercial	Non-standard	22	144
G40	Industrial	Non-standard	68	2,926
0		0 [Select one]	-	-
0		0 [Select one]	-	-
0		0 [Select one]	-	-
0		0 [Select one]	-	-

Add extra rows for additional consumer groups or price category codes as necessary

Standard consumer totals	46,884	1,981
Non-standard consumer totals	90	3,070
Total for all consumers	46,974	5,051

	12,593,778	1,980,688	-	-	-
	29,316	3,069,913	-	-	-
	12,623,094	5,050,601	-	-	-

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-Network Name	Central Network

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

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8(ii): Line charge revenues (\$000) by price component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Price component	Line charge revenues (\$000) by price component				
						Rate (eg, \$ per day, \$ per GJ, etc.)	Fixed	Variable		
G06	Residential	Standard	\$2,732			-	2,732			
G11	Residential / Small Commercial	Standard	\$11,759			7,445	4,315			
G12	Commercial	Standard	\$1,210			437	773			
G14	Commercial	Standard	\$1,214			478	736			
G16	Commercial	Standard	\$1,345			329	1,016			
G18	Commercial	Standard	\$450			108	342			
G30	Commercial	Non-standard	\$453			127	326			
G40	Industrial	Non-standard	\$3,649			1,415	2,234			
0		0 [Select one]	-			-	-			
0		0 [Select one]	-			-	-			
0		0 [Select one]	-			-	-			
0		0 [Select one]	-			-	-			
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>										
Standard consumer totals			\$18,712	-		\$8,797	\$9,914	-	-	-
Non-standard consumer totals			\$4,102	-		\$1,543	\$2,560	-	-	-
Total for all consumers			\$22,814	-		\$10,340	\$12,474	-	-	-

Add extra columns for additional line charge revenues by price component as necessary

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-Network Name	

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

sch ref

8(i): Billed quantities by price component

Billed quantities by price component

Add extra columns for additional billed quantities by price component as necessary

Price component

Unit charging basis (eg, days, GJ, etc.)

Price component	Fixed	Variable			
Unit charging basis (eg, days, GJ, etc.)	Days	GJ			

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Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Quantity of gas delivered (TJ)	
G06	Residential	Standard	13,542	157	
G11	Residential / Small Commercial	Standard	51,012	1,814	
G12	Commercial	Standard	1,106	240	
G14	Commercial	Standard	283	199	
G16	Commercial	Standard	116	227	
G18	Commercial	Standard	21	51	
G30	Commercial	Non-standard	96	267	
G40	Industrial	Non-standard	30	622	
0		0 [Select one]	-	-	
0		0 [Select one]	-	-	
0		0 [Select one]	-	-	
0		0 [Select one]	-	-	
Standard consumer totals				66,079	2,687
Non-standard consumer totals				126	888
Total for all consumers				66,204	3,576

Add extra rows for additional consumer groups or price category codes as necessary

-	156,647			
18,619,198	1,814,484			
403,508	239,921			
103,113	198,893			
42,340	226,536			
7,665	50,601			
28,064	266,786			
7,665	621,646			
-	-			
-	-			
-	-			
-	-			
19,175,823	2,687,080	-	-	-
35,729	888,432	-	-	-
19,211,552	3,575,512	-	-	-

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-Network Name	

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

8(ii): Line charge revenues (\$000) by price component					Line charge revenues (\$000) by price component					Add extra columns for additional line charge revenues by price component as necessary	
Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Price component	Rate (eg, \$ per day, \$ per GJ, etc.)	Fixed	Variable			
							\$/day	\$/GJ			
G06	Residential	Standard	\$3,340				-	3,340			
G11	Residential / Small Commercial	Standard	\$21,322				11,562	9,761			
G12	Commercial	Standard	\$1,743				426	1,318			
G14	Commercial	Standard	\$1,745				637	1,107			
G16	Commercial	Standard	\$1,537				406	1,131			
G18	Commercial	Standard	\$340				101	239			
G30	Commercial	Non-standard	\$856				312	543			
G40	Industrial	Non-standard	\$958				244	715			
		[Select one]	-				-	-			
		[Select one]	-				-	-			
		[Select one]	-				-	-			
		[Select one]	-				-	-			
Standard consumer totals			\$30,028	-			\$13,131	\$16,896	-	-	
Non-standard consumer totals			\$1,814	-			\$556	\$1,258	-	-	
Total for all consumers			\$31,841	-			\$13,687	\$18,154	-	-	

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Powerco Limited

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

8	Operating Pressure	Asset Category	Asset Class	Units	Items at start of	Items at end of	Net change	Data accuracy
					year (quantity)	year (quantity)		(1-4)
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	4	4	0	3
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	260	258	(2)	3
11	Intermediate Pressure	Main pipe	IP other main pipe	km	0	0	(0)	3
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	1	1	0	3
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	11	10	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	1	1	(0)	3
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	125	125	-	3
16	Intermediate Pressure	Line valve	IP line valves	No.	669	656	(13)	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	96	98	2	3
18	Medium Pressure	Main pipe	MP PE main pipe	km	3,603	3,646	43	3
19	Medium Pressure	Main pipe	MP steel main pipe	km	144	142	(1)	3
20	Medium Pressure	Main pipe	MP other main pipe	km	28	28	(0)	3
21	Medium Pressure	Service pipe	MP PE service pipe	km	1,990	2,028	38	3
22	Medium Pressure	Service pipe	MP steel service pipe	km	43	43	(0)	3
23	Medium Pressure	Service pipe	MP other service pipe	km	52	52	(0)	3
24	Medium Pressure	Stations	Medium pressure DRS	No.	56	54	(2)	3
25	Medium Pressure	Line valve	MP line valves	No.	1,537	1,539	2	3
26	Medium Pressure	Special crossings	MP special crossings	No.	262	268	6	3
27	Low Pressure	Main pipe	LP PE main pipe	km	4	4	(0)	3
28	Low Pressure	Main pipe	LP steel main pipe	km	3	3	(0)	3
29	Low Pressure	Main pipe	LP other main pipe	km	1	1	(0)	3
30	Low Pressure	Service pipe	LP PE service pipe	km	5	5	0	3
31	Low Pressure	Service pipe	LP steel service pipe	km	1	0	(0)	3
32	Low Pressure	Service pipe	LP other service pipe	km	1	1	(0)	3
33	Low Pressure	Line valve	LP line valves	No.	38	36	(2)	3
34	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	3
35	All	Monitoring and control systems	Remote terminal units	No.	130	144	14	4
36	All	Cathodic protection systems	Cathodic protection	No.	55	58	3	3

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Central Network

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

8	Operating Pressure	Asset Category	Asset Class	Units	Items at start of	Items at end of	Net change	Data accuracy
					year (quantity)	year (quantity)		(1-4)
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	2	2	0	3
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	105	104	(1)	3
11	Intermediate Pressure	Main pipe	IP other main pipe	km	0	0	(0)	3
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	0	0	(0)	3
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	3	3	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	0	0	0	3
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	56	56	-	3
16	Intermediate Pressure	Line valve	IP line valves	No.	135	136	1	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	54	56	2	3
18	Medium Pressure	Main pipe	MP PE main pipe	km	1,877	1,905	28	3
19	Medium Pressure	Main pipe	MP steel main pipe	km	129	127	(1)	3
20	Medium Pressure	Main pipe	MP other main pipe	km	16	15	(0)	3
21	Medium Pressure	Service pipe	MP PE service pipe	km	1,056	1,075	20	3
22	Medium Pressure	Service pipe	MP steel service pipe	km	32	32	(0)	3
23	Medium Pressure	Service pipe	MP other service pipe	km	29	29	(0)	3
24	Medium Pressure	Stations	Medium pressure DRS	No.	39	38	(1)	3
25	Medium Pressure	Line valve	MP line valves	No.	810	822	12	3
26	Medium Pressure	Special crossings	MP special crossings	No.	162	165	3	3
27	Low Pressure	Main pipe	LP PE main pipe	km	3	3	(0)	3
28	Low Pressure	Main pipe	LP steel main pipe	km	3	3	(0)	3
29	Low Pressure	Main pipe	LP other main pipe	km	0	0	(0)	3
30	Low Pressure	Service pipe	LP PE service pipe	km	3	3	0	3
31	Low Pressure	Service pipe	LP steel service pipe	km	0	0	(0)	3
32	Low Pressure	Service pipe	LP other service pipe	km	1	1	(0)	3
33	Low Pressure	Line valve	LP line valves	No.	14	14	-	3
34	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	3
35	All	Monitoring and control systems	Remote terminal units	No.	63	67	4	4
36	All	Cathodic protection systems	Cathodic protection	No.	37	39	2	3

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Lower Network

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

8	Operating Pressure	Asset Category	Asset Class	Units	Items at start of	Items at end of	Net change	Data accuracy
					year (quantity)	year (quantity)		(1-4)
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	2	2	0	3
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	155	155	(0)	3
11	Intermediate Pressure	Main pipe	IP other main pipe	km	0	0	(0)	3
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	0	0	0	3
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	7	7	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	1	1	(0)	3
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	69	69	-	3
16	Intermediate Pressure	Line valve	IP line valves	No.	534	520	(14)	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	42	42	-	3
18	Medium Pressure	Main pipe	MP PE main pipe	km	1,726	1,741	15	3
19	Medium Pressure	Main pipe	MP steel main pipe	km	15	15	(0)	3
20	Medium Pressure	Main pipe	MP other main pipe	km	13	13	(0)	3
21	Medium Pressure	Service pipe	MP PE service pipe	km	934	953	18	3
22	Medium Pressure	Service pipe	MP steel service pipe	km	11	11	0	3
23	Medium Pressure	Service pipe	MP other service pipe	km	23	23	(0)	3
24	Medium Pressure	Stations	Medium pressure DRS	No.	17	16	(1)	3
25	Medium Pressure	Line valve	MP line valves	No.	727	717	(10)	3
26	Medium Pressure	Special crossings	MP special crossings	No.	100	102	2	3
27	Low Pressure	Main pipe	LP PE main pipe	km	0	2	1	3
28	Low Pressure	Main pipe	LP steel main pipe	km	0	0	(0)	3
29	Low Pressure	Main pipe	LP other main pipe	km	1	1	(0)	3
30	Low Pressure	Service pipe	LP PE service pipe	km	2	2	(0)	3
31	Low Pressure	Service pipe	LP steel service pipe	km	0	0	(0)	3
32	Low Pressure	Service pipe	LP other service pipe	km	0	0	(0)	3
33	Low Pressure	Line valve	LP line valves	No.	24	22	(2)	3
34	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	3
35	All	Monitoring and control systems	Remote terminal units	No.	67	71	4	4
36	All	Cathodic protection systems	Cathodic protection	No.	18	20	2	3

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Powerco Limited

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																												No. with age unknown	Items at end of year (quantity)	No. with default dates	Data accuracy (1-4)										
	30 September 2022		1970	1975	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021					2022	2023	2024	2025						
9	Operating Pressure	Asset Category	Asset Class	Units	pre-1970	1974	1979	1984	1989	1994	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025							
10	Intermediate Pressure	Main pipe	IP PE main pipe	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	0	1	-	1	0	0	0	-	-	-	-	-	-	4	-	3		
11	Intermediate Pressure	Main pipe	IP steel main pipe	km	7	63	34	90	42	11	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	258	-	3
12	Intermediate Pressure	Main pipe	IP other main pipe	km	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3	
13	Intermediate Pressure	Service pipe	IP PE service pipe	km	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	3
14	Intermediate Pressure	Service pipe	IP steel service pipe	km	0	1	1	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	-	3
15	Intermediate Pressure	Service pipe	IP other service pipe	km	0	0	0	1	0	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	
16	Intermediate Pressure	Stations	Intermediate pressure I	No.	-	2	2	17	24	23	-	-	-	2	1	1	2	2	2	1	1	1	4	2	-	3	7	3	3	4	2	5	8	3	-	-	-	-	-	-	125	-	3	
17	Intermediate Pressure	Line valve	IP line valves	No.	1	37	31	95	291	60	10	2	1	1	3	2	9	6	6	7	3	12	13	9	4	2	6	4	6	9	4	5	14	3	-	-	-	-	656	-	3			
18	Intermediate Pressure	Special crossings	IP crossings	No.	-	6	4	61	17	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	98	-	3		
19	Medium Pressure	Main pipe	MP PE main pipe	km	3	39	181	598	648	728	625	60	54	34	33	50	54	39	54	41	22	23	22	28	22	26	29	31	36	39	44	38	23	21	-	-	-	-	3,646	-	3			
20	Medium Pressure	Main pipe	MP steel main pipe	km	6	51	28	22	22	7	6	1	0	-	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	142	-	3	
21	Medium Pressure	Main pipe	MP other main pipe	km	0	2	5	8	8	3	3	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	28	-	3
22	Medium Pressure	Service pipe	MP PE service pipe	km	5	18	88	328	314	377	292	34	29	28	24	25	24	23	25	19	18	23	20	22	21	22	25	30	33	37	37	36	31	19	-	-	-	-	2,028	-	3			
23	Medium Pressure	Service pipe	MP steel service pipe	km	1	7	10	7	6	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	-	3
24	Medium Pressure	Service pipe	MP other service pipe	km	2	1	2	23	13	8	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	-	3
25	Medium Pressure	Stations	Medium pressure DRS	No.	-	-	-	5	28	10	1	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	1	-	-	1	-	1	-	1	-	-	-	2	-	54	-	3		
26	Medium Pressure	Line valve	MP line valves	No.	3	6	29	48	462	250	29	1	3	13	13	22	17	19	27	28	32	44	60	38	17	39	35	29	49	44	70	43	47	21	-	-	-	1	1,539	-	3			
27	Medium Pressure	Special crossings	MP special crossings	No.	3	20	2	94	62	32	25	4	5	2	-	4	-	-	-	3	1	-	-	-	1	-	-	-	-	4	-	1	-	2	-	-	-	3	268	-	3			
28	Low Pressure	Main pipe	LP PE main pipe	km	-	0	0	0	0	0	0	0	-	-	1	-	-	-	-	1	-	-	-	-	0	1	0	-	0	-	0	-	0	-	-	-	-	-	4	-	3			
29	Low Pressure	Main pipe	LP steel main pipe	km	-	-	0	0	0	3	0	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3		
30	Low Pressure	Main pipe	LP other main pipe	km	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3		
31	Low Pressure	Service pipe	LP PE service pipe	km	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	-	3	
32	Low Pressure	Service pipe	LP steel service pipe	km	0	-	0	0	0	0	0	0	0	-	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	0	-	3		
33	Low Pressure	Service pipe	LP other service pipe	km	0	-	0	0	0	0	0	0	-	-	-	-	-	0	0	-	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	3	
34	Low Pressure	Line valve	LP line valves	No.	-	-	-	-	2	12	3	-	-	-	-	2	2	-	1	-	2	2	-	1	-	6	-	-	1	1	-	1	-	-	-	-	-	-	-	36	-	3		
35	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
36	All	Monitoring and control systems	Remote terminal units	No.	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1	-	36	10	18	18	-	17	5	1	14	3	7	5	4	1	-	-	-	-	144	-	4			
37	All	Cathodic protection systems	Cathodic protection	No.	2	10	3	8	4	5	3	3	-	-	-	2	1	1	-	-	-	-	-	-	1	1	2	4	4	1	2	1	-	-	-	-	-	-	58	-	3			

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Central Network

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																												No. with age unknown	Items at end of year (quantity)	No. with default dates	Data accuracy (1-4)													
		30 September 2022	1970	1975	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020					2021	2022	2023	2024	2025								
9	Operating Pressure	Asset Category	Asset Class	Units	pre-1970	1970	1975	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025									
10	Intermediate Pressure	Main pipe	IP PE main pipe	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	0	0	0	-	-	-	-	-	-	2	-	3				
11	Intermediate Pressure	Main pipe	IP steel main pipe	km	2	12	7	56	18	7	0	0	0	0	-	0	0	-	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	-	-	-	-	-	-	104	-	3			
12	Intermediate Pressure	Main pipe	IP other main pipe	km	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3		
13	Intermediate Pressure	Service pipe	IP PE service pipe	km	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	0	0	-	-	-	-	-	-	-	-	0	-	3		
14	Intermediate Pressure	Service pipe	IP steel service pipe	km	0	0	1	1	1	0	0	0	-	-	0	-	0	-	0	0	-	0	0	-	-	-	-	-	-	0	-	-	0	0	-	-	-	-	-	-	-	3	-	3		
15	Intermediate Pressure	Service pipe	IP other service pipe	km	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3		
16	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	-	-	-	3	23	11	-	-	-	-	2	-	1	2	-	1	-	-	1	-	1	-	-	2	1	1	-	3	3	1	-	-	-	-	-	-	-	56	-	3		
17	Intermediate Pressure	Line valve	IP line valves	No.	-	-	-	9	65	20	-	-	-	-	-	1	3	1	-	2	-	-	7	2	4	3	-	-	-	4	2	1	3	7	2	-	-	-	-	-	136	-	3			
18	Intermediate Pressure	Special crossings	IP crossings	No.	-	4	3	30	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	3			
19	Medium Pressure	Main pipe	MP PE main pipe	km	2	16	65	380	446	290	269	34	29	20	14	18	34	28	33	21	11	13	14	16	9	11	14	16	15	21	24	18	11	13	-	-	-	-	-	-	1,905	-	3			
20	Medium Pressure	Main pipe	MP steel main pipe	km	6	48	24	19	21	5	4	1	0	-	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-	0	-	0	-	-	-	-	-	-	-	-	-	127	-	3		
21	Medium Pressure	Main pipe	MP other main pipe	km	0	1	3	4	6	1	1	0	0	0	-	0	0	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-	15	-	3	
22	Medium Pressure	Service pipe	MP PE service pipe	km	2	13	68	166	215	193	130	16	11	11	10	11	11	12	12	9	9	12	9	11	10	10	11	15	15	20	18	19	16	11	-	-	-	-	-	-	-	1,075	-	3		
23	Medium Pressure	Service pipe	MP steel service pipe	km	1	7	9	6	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	-	-	-	-	-	-	-	32	-	3	
24	Medium Pressure	Service pipe	MP other service pipe	km	1	0	1	6	12	7	0	0	0	0	0	1	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	0	0	0	-	-	-	-	-	-	-	-	29	-	3	
25	Medium Pressure	Stations	Medium pressure DRS	No.	-	-	-	-	27	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-	3		
26	Medium Pressure	Line valve	MP line valves	No.	2	4	9	21	350	120	17	1	-	7	8	9	9	14	10	11	12	22	33	23	6	11	9	11	17	17	30	8	17	13	-	-	-	-	-	-	1	-	822	-	3	
27	Medium Pressure	Special crossings	MP special crossings	No.	1	20	-	45	62	14	6	4	2	-	2	-	2	-	-	1	1	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	1	-	165	-	3
28	Low Pressure	Main pipe	LP PE main pipe	km	-	0	-	0	0	0	0	-	-	-	1	-	-	-	-	-	1	-	-	-	-	0	1	-	-	0	-	0	-	0	-	-	-	-	-	-	-	-	3	-	3	
29	Low Pressure	Main pipe	LP steel main pipe	km	-	-	0	0	0	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3	
30	Low Pressure	Main pipe	LP other main pipe	km	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3	
31	Low Pressure	Service pipe	LP PE service pipe	km	0	0	0	0	0	1	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	-	-	-	-	-	-	-	-	3	-	3
32	Low Pressure	Service pipe	LP steel service pipe	km	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3
33	Low Pressure	Service pipe	LP other service pipe	km	0	-	0	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3
34	Low Pressure	Line valve	LP line valves	No.	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	3	
35	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
36	All	Monitoring and control systems	Remote terminal units	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	13	-	13	17	-	8	1	1	3	-	4	4	1	-	-	-	-	-	-	-	-	67	-	4	
37	All	Cathodic protection systems	Cathodic protection	No.	2	9	2	7	4	2	2	3	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	39	-	3	

Company Name **Powerco Limited**
 For Year Ended **30 September 2022**
 Network / Sub-network Name **Lower Network**

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																									No. with age unknown	Items at end of year (quantity)	No. with default dates	Data accuracy (1-4)									
	30 September 2022		pre-1970	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	2017					2018	2019	2020	2021	2022	2023	2024	2025	
9	Operating Pressure	Asset Category	Asset Class	Units																																				
10	Intermediate Pressure	Main pipe	IP PE main pipe	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3		
11	Intermediate Pressure	Main pipe	IP steel main pipe	km	6	50	27	34	25	4	4	3	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	-	3	
12	Intermediate Pressure	Main pipe	IP other main pipe	km	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3		
13	Intermediate Pressure	Service pipe	IP PE service pipe	km	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3			
14	Intermediate Pressure	Service pipe	IP steel service pipe	km	-	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	-	3		
15	Intermediate Pressure	Service pipe	IP other service pipe	km	0	0	0	1	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3			
16	Intermediate Pressure	Stations	Intermediate pressure DR	No.	-	2	2	14	1	12	-	-	-	-	-	-	1	-	-	-	-	2	1	1	1	-	4	1	-	3	5	2	3	3	2	2	5	2	-	69
17	Intermediate Pressure	Line valve	IP line valves	No.	1	37	31	86	226	40	10	2	1	1	3	1	6	5	6	5	3	5	11	5	1	2	6	4	2	7	3	2	7	1	-	530	-	3		
18	Intermediate Pressure	Special crossings	IP crossings	No.	-	2	1	31	-	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	42			
19	Medium Pressure	Main pipe	MP PE main pipe	km	0	22	116	219	202	439	357	27	25	13	19	32	20	11	22	20	11	10	8	12	13	15	15	16	21	18	21	19	12	8	-	1,741	-	3		
20	Medium Pressure	Main pipe	MP steel main pipe	km	0	3	4	3	1	2	2	0	0	-	0	0	-	0	0	0	0	-	0	0	-	0	0	0	0	0	0	0	-	-	-	15	-	3		
21	Medium Pressure	Main pipe	MP other main pipe	km	-	0	2	5	2	2	2	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	3		
22	Medium Pressure	Service pipe	MP PE service pipe	km	3	5	20	162	100	184	162	17	18	17	14	14	13	11	13	10	9	11	11	11	11	12	14	15	17	17	19	17	15	8	-	953	-	3		
23	Medium Pressure	Service pipe	MP steel service pipe	km	0	0	1	2	1	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	-	3	
24	Medium Pressure	Service pipe	MP other service pipe	km	1	0	1	17	1	1	1	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	-	-	-	-	-	-	-	-	23	-	3			
25	Medium Pressure	Stations	Medium pressure DRS	No.	-	-	-	5	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	3			
26	Medium Pressure	Line valve	MP line valves	No.	1	2	20	27	112	130	12	-	3	6	5	13	8	5	17	17	20	22	27	15	11	28	26	18	32	27	40	35	30	8	-	717	-	3		
27	Medium Pressure	Special crossings	MP special crossings	No.	2	-	2	49	-	17	19	-	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	102			
28	Low Pressure	Main pipe	LP PE main pipe	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3			
29	Low Pressure	Main pipe	LP steel main pipe	km	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3			
30	Low Pressure	Main pipe	LP other main pipe	km	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3			
31	Low Pressure	Service pipe	LP PE service pipe	km	-	0	0	1	0	0	0	0	0	-	0	0	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3			
32	Low Pressure	Service pipe	LP steel service pipe	km	-	-	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3			
33	Low Pressure	Service pipe	LP other service pipe	km	-	-	-	0	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	3			
34	Low Pressure	Line valve	LP line valves	No.	-	-	-	-	-	10	1	-	-	-	-	2	2	-	1	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	22	-	3			
35	Low Pressure	Special crossings	LP special crossings	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3		
36	All	Monitoring and control systems	Remote terminal units	No.	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	21	10	5	1	-	8	4	-	8	3	3	1	3	1	-	71	-	4	
37	All	Cathodic protection systems	Cathodic protection	No.	-	1	1	1	-	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	2	4	2	1	1	1	-	20	-	3			

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Powerco Limited

SCHEDULE 9c: REPORT ON PIPELINE DATA

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

sch ref

8 Network Information (end of year)

9	System length by material (defined by GDB)	Length (km)	%
10	PE	5,686	91.32%
11	Steel	457	7.35%
12	Other	83	1.33%
13			-
14			-
15			-
16	System length	6,227	100.00%

18	By operating pressure:	System length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed for Persons not involved in the GDB (TJ)
19	Intermediate pressure	274	139	256	1,893
20	Medium pressure	5,940	59	112,821	6,664
21	Low pressure	14	112	401	68
22	Total	6,227	62	113,478	8,625

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Central Network

SCHEDULE 9c: REPORT ON PIPELINE DATA

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

sch ref

8 Network Information (end of year)

9	System length by material (defined by GDB)	Length (km)	%
10	PE	2,989	90.48%
11	Steel	269	8.15%
12	Other	45	1.38%
13			-
14			-
15			-
16	System length	3,303	100.00%

18	By operating pressure:	System length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed for Persons not involved in the GDB (TJ)
19	Intermediate pressure	109	133	65	1,529
20	Medium pressure	3,184	55	46,719	3,509
21	Low pressure	10	107	278	12
22	Total	3,303	57	47,062	5,050

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Lower Network

SCHEDULE 9c: REPORT ON PIPELINE DATA

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

sch ref

8 Network Information (end of year)

9	System length by material (defined by GDB)	Length (km)	%
10	PE	2,698	92.27%
11	Steel	188	6.44%
12	Other	38	1.29%
13			-
14			-
15			-
16	System length	2,923	100.00%

18	By operating pressure:	System length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed for Persons not involved in the GDB (TJ)
19	Intermediate pressure	165	143	191	364
20	Medium pressure	2,756	63	66,102	3,155
21	Low pressure	3	129	123	56
22	Total	2,923	68	66,416	3,575

Company Name **Powerco Limited**

For Year Ended **30 September 2022**

Network / Sub-network Name **Powerco Limited**

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

8

9 **9d(i): Consumer Connections**

10 Number of ICPs connected in year by consumer type

11

12

Consumer types defined by GDB

Number of connections (ICPs)

13

Residential / Small Commercial	1,815
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14

Commercial	113
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15

Industrial	1
------------	---

16

[GDB consumer type]	-
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17

[GDB consumer type]	-
---------------------	---

18

Total	1,929
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19 **9d(ii): Gas Delivered**

20

21

Number of ICPs at year end	113,478	connections
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22

Maximum daily load	40,178	(GJ per day)
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23

Maximum monthly load	985,276	(GJ per month)
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24

Number of directly billed ICPs	-	(at year end)
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25

Total gas conveyed	8,597,290	(GJ per annum)
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26

Average daily delivery	23,554	(GJ per day)
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27

28

Load factor	72.71%
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Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Central network

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

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28

9d(i): Consumer Connections

Number of ICPs connected in year by consumer type

Consumer types defined by GDB	Number of connections (ICPs)
Residential / Small Commercial	723
Commercial	42
Industrial	1
[GDB consumer type]	-
[GDB consumer type]	-
Total	766

9d(ii): Gas Delivered

Number of ICPs at year end	47,062	connections
Maximum daily load	20,892	(GJ per day)
Maximum monthly load	516,291	(GJ per month)
Number of directly billed ICPs	-	(at year end)
Total gas conveyed	5,035,699	(GJ per annum)
Average daily delivery	13,796	(GJ per day)
Load factor	81.28%	

Company Name **Powerco Limited**

For Year Ended **30 September 2022**

Network / Sub-network Name

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

8

9 **9d(i): Consumer Connections**

10 Number of ICPs connected in year by consumer type

11

12

Consumer types defined by GDB

Number of connections (ICPs)

13

Residential / Small Commercial	1,092
--------------------------------	-------

14

Commercial	71
------------	----

15

Industrial	-
------------	---

16

[GDB consumer type]	-
---------------------	---

17

[GDB consumer type]	-
---------------------	---

18

Total	1,163
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19

9d(ii): Gas Delivered

20

21

Number of ICPs at year end	66,416	connections
----------------------------	--------	-------------

22

Maximum daily load	20,573	(GJ per day)
--------------------	--------	--------------

23

Maximum monthly load	468,985	(GJ per month)
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24

Number of directly billed ICPs	-	(at year end)
--------------------------------	---	---------------

25

Total gas conveyed	3,561,591	(GJ per annum)
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26

Average daily delivery	9,758	(GJ per day)
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27

28

Load factor	63.29%
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Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Powerco Limited

SCHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and CAIDI) for the disclosure year. GDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates). The SAIDI and SAIFI 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

8	10a(i): Interruptions				
9	Interruptions by class		Actual		
10	Class A (planned interruptions by GTB)		-		
11	Class B (planned interruptions on the network)		236		
12	Class C (unplanned interruptions on the network)		320		
13	Class D (unplanned interruptions by GTB)		-		
14	Class I (unplanned interruptions caused by third party damage)		169		
15	Total		725		
16	Number of unplanned outage events (interruptions that affect more than 5 ICPs)		Actual		
17	Wellington		5		
18	Hutt Valley and Porirua		2		
19	Taranaki		-		
20	Manawatu & Horowhenua		2		
21	Hawke's Bay		-		
22	Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)		Actual		
23	Wellington		2		
24	Hutt Valley and Porirua		2		
25	Taranaki		-		
26	Manawatu & Horowhenua		1		
27	Hawke's Bay		-		
28	10a(ii): Reliability				
29	Overall reliability		SAIDI	SAIFI	CAIDI
30	Based on the total number of interruptions		1,141.01	8.75	130.44
31	Class I (unplanned interruptions caused by third party damage)		135.55	2.09	65.00
32	Class B (planned interruptions on the network)		SAIDI	SAIFI	CAIDI
33	Wellington		689.49	5.11	134.95
34	Hutt Valley and Porirua		1,286.92	6.00	214.42
35	Taranaki		77.44	0.73	105.67
36	Manawatu & Horowhenua		1.45	0.05	30.00
37	Hawke's Bay		-	-	-
38	Class C (unplanned interruptions on the network)		SAIDI	SAIFI	CAIDI
39	Wellington		473.77	3.01	157.35
40	Hutt Valley and Porirua		221.74	2.88	76.97
41	Taranaki		978.33	5.96	164.14
42	Manawatu & Horowhenua		170.38	2.41	70.58
43	Hawke's Bay		21.58	0.35	62.50

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Central Network

SCHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and CAIDI) for the disclosure year. GDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates). The SAIDI and SAIFI 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

8	10a(i): Interruptions			
9	Interruptions by class		Actual	
10	Class A (planned interruptions by GTB)		-	
11	Class B (planned interruptions on the network)		14	
12	Class C (unplanned interruptions on the network)		162	
13	Class D (unplanned interruptions by GTB)		-	
14	Class I (unplanned interruptions caused by third party damage)		73	
15	Total		249	
16	Number of unplanned outage events (interruptions that affect more than 5 ICPs)		Actual	
17	Taranaki		-	
18	Manawatu & Horowhenua		2	
19	Hawke's Bay		-	
20			-	
21			-	
22	Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)		Actual	
23	Taranaki		-	
24	Manawatu & Horowhenua		1	
25	Hawke's Bay		-	
26			-	
27			-	
28	10a(ii): Reliability			
29	Overall reliability		SAIDI	SAIFI
30	Based on the total number of interruptions		655.41	6.00
31	Class I (unplanned interruptions caused by third party damage)		116.19	1.96
32	Class B (planned interruptions on the network)		SAIDI	SAIFI
33	Taranaki		77.44	0.73
34	Manawatu & Horowhenua		1.45	0.05
35	Hawke's Bay		-	-
36			-	-
37			-	-
38	Class C (unplanned interruptions on the network)		SAIDI	SAIFI
39	Taranaki		978.33	5.96
40	Manawatu & Horowhenua		170.38	2.41
41	Hawke's Bay		21.58	0.35
42			-	-
43			-	-

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Lower Network

SCHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and CAIDI) for the disclosure year. GDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates). The SAIDI and SAIFI 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

8 **10a(i): Interruptions**

9 **Interruptions by class**

	Actual
10 Class A (planned interruptions by GTB)	-
11 Class B (planned interruptions on the network)	222
12 Class C (unplanned interruptions on the network)	158
13 Class D (unplanned interruptions by GTB)	-
14 Class I (unplanned interruptions caused by third party damage)	96
15 Total	476

Number of unplanned outage events (interruptions that affect more than 5 ICPs)		Actual
17 Wellington		5
18 Hutt Valley and Porirua		2
19	-	-
20	-	-
21	-	-

Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)		Actual
23 Wellington		2
24 Hutt Valley and Porirua		2
25	-	-
26	-	-
27	-	-

28 **10a(ii): Reliability**

29 **Overall reliability**

	SAIDI	SAIFI	CAIDI
30 Based on the total number of interruptions	1,485.56	10.69	138.91
31 Class I (unplanned interruptions caused by third party damage)	149.28	2.18	68.63

Class B (planned interruptions on the network)		SAIDI	SAIFI	CAIDI
33 Wellington		689.49	5.11	134.95
34 Hutt Valley and Porirua		1,286.92	6.00	214.42
35	-	-	-	-
36	-	-	-	-
37	-	-	-	-

Class C (unplanned interruptions on the network)		SAIDI	SAIFI	CAIDI
39 Wellington		470.27	2.98	157.79
40 Hutt Valley and Porirua		223.54	2.94	76.01
41	-	-	-	-
42	-	-	-	-
43	-	-	-	-

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Powerco Limited

SCHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SERVICE

This schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emergencies etc) for the disclosure year.

sch ref

10b(i): System Condition and Integrity

Number of confirmed public reported gas escapes per system length (escapes/1000 km)

	Actual
Wellington	116.94
Hutt Valley and Porirua	98.53
Taranaki	12.74
Manawatu & Horowhenua	35.56
Hawke's Bay	3.70

Number of leaks detected by routine survey per system length (leaks/1000 km)

	Actual
Wellington	5.12
Hutt Valley and Porirua	16.13
Taranaki	19.49
Manawatu & Horowhenua	4.98
Hawke's Bay	1.85

Number of third party damage events per system length (events/1000 km)

	Actual
Wellington	47.80
Hutt Valley and Porirua	56.46
Taranaki	37.48
Manawatu & Horowhenua	61.17
Hawke's Bay	24.02

Number of poor pressure events due to network causes

	Actual
Wellington	-
Hutt Valley and Porirua	1
Taranaki	2
Manawatu & Horowhenua	1
Hawke's Bay	-

Number of telephone calls to emergency numbers answered within 30 seconds per total number of calls

	Actual
Note: This entry may be excluded for sub-networks.	
All regions	89.31%

Product control—safety of distribution gas

	Actual
Number of non-compliant odour tests	-

10b(ii): Consumer Service

Response time to emergencies (RTE)

	Proportion of emergencies responded to within 1 hour (%)	Proportion of emergencies responded to within 3 hours (%)	Average call response time (hours)	Number of emergencies
Wellington	94%	100%	0.40	16
Hutt Valley and Porirua	100%	100%	0.39	18
Taranaki	100%	100%	0.42	7
Manawatu & Horowhenua	89%	100%	0.48	18
Hawke's Bay	100%	100%	0.26	3

Number of complaints

	Actual
Number of complaints per average total consumer numbers	0.0001

Company Name	Powerco Limited
For Year Ended	30 September 2022
Network / Sub-network Name	Central Network

SCHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SERVICE

This schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emergencies etc) for the disclosure year.

sch ref

10b(i): System Condition and Integrity

Number of confirmed public reported gas escapes per system length (escapes/1000 km)

	Actual
Taranaki	13
Manawatu & Horowhenua	36
Hawke's Bay	4
	0
	-
	0
	-

Number of leaks detected by routine survey per system length (leaks/1000 km)

	Actual
Taranaki	19
Manawatu & Horowhenua	5
Hawke's Bay	2
	0
	-
	0
	-

Number of third party damage events per system length (events/1000 km)

	Actual
Taranaki	37
Manawatu & Horowhenua	61
Hawke's Bay	24
	0
	-
	0
	-

Number of poor pressure events due to network causes

	Actual
Taranaki	2
Manawatu & Horowhenua	1
Hawke's Bay	-
	0
	-
	0
	-

Number of telephone calls to emergency numbers answered within 30 seconds per total number of calls

Note: This entry may be excluded for sub-networks.

	Actual
All regions	0.89

Product control—safety of distribution gas

	Actual
Number of non-compliant odour tests	-

10b(ii): Consumer Service

Response time to emergencies (RTE)

	Proportion of emergencies responded to within 1 hour (%)	Proportion of emergencies responded to within 3 hours (%)	Average call response time (hours)	Number of emergencies
Taranaki	100%	100%	0.42	7
Manawatu & Horowhenua	89%	100%	0.48	18
Hawke's Bay	100%	100%	0.26	3
0	-	-	-	-
0	-	-	-	-

Number of complaints

	Actual
Number of complaints per average total consumer numbers	0.0001

Company Name **Powerco Limited**For Year Ended **30 September 2022**Network / Sub-network Name **Lower Network****SCHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SERVICE**

This schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emergencies etc) for the disclosure year.

sch ref

10b(i): System Condition and Integrity**Number of confirmed public reported gas escapes per system length
(escapes/1000 km)**

Actual

Wellington	117
Hutt Valley and Porirua	99
-	-
-	-
-	-

**Number of leaks detected by routine survey per system length
(leaks/1000 km)**

Actual

Wellington	5
Hutt Valley and Porirua	16
-	-
-	-
-	-

**Number of third party damage events per system length
(events/1000 km)**

Actual

Wellington	48
Hutt Valley and Porirua	56
-	-
-	-
-	-

Number of poor pressure events due to network causes

Actual

Wellington	-
Hutt Valley and Porirua	1
-	-
-	-
-	-

**Number of telephone calls to emergency numbers answered within 30 seconds per
total number of calls**

Actual

Note: This entry may be excluded for sub-networks.

All Regions	0.89
-	-
-	-
-	-

Product control—safety of distribution gas

Actual

Number of non-compliant odour tests

-

10b(ii): Consumer Service**Response time to emergencies (RTE)**Proportion of
emergencies
responded to
within 1 hour (%)Proportion of
emergencies
responded to
within 3 hours (%)Average call
response time
(hours)Number of
emergencies

Wellington	94%	100%	0.40	16
Hutt Valley and Porirua	100%	100%	0.39	18
0	-	-	-	-
0	-	-	-	-
0	-	-	-	-

Number of complaints

Actual

Number of complaints per average total consumer numbers

0.0001

Company Name	Powerco Limited
For Year Ended	30 September 2022

Schedule 14 Mandatory Explanatory Notes

(Guidance Note: This Microsoft Word version of Schedules 14, 14a and 15 is from the Gas Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018. Clause references in this template are to that determination)

1. This schedule requires GDBs to provide explanatory notes to information provided in accordance with clauses 2.3.1, 2.4.21, 2.4.22, and subclauses 2.5.1(1)(e) and 2.5.2(1)(e).
2. This schedule is mandatory—GDBs must provide the explanatory comment specified below, in accordance with clause 2.7.1. Information provided in boxes 1 to 11 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 GDBs to give additional explanation of disclosed information should they elect to do so.

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 disclosed ROI under both a Vanilla and Post tax approach for 2022 is higher than 2021 (↑ to 11.73% from 9.10% and 11.36% from 8.86% respectively). This is primarily driven by an increase (↑ \$10.1m, 52.8%) in revaluations to \$29.1m.

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 3(i) of Schedule 3
 - 5.2 information on reclassified items in accordance with subclause 2.7.1(2).

Box 2: Explanatory comment on regulatory profit

Regulatory profit for the year ended 30 September 2022 is \$43.9m reflecting an increase of \$11.6m (↑ 35.7%) compared to the previous year. This was primarily due to increases in higher revaluations (↑ \$10.1m, 52.8%), lower depreciation (↓ \$0.9m, 5.7%) and higher regulatory income (↑ \$0.5m, 0.9%).

Other regulated income includes

- recoveries from consumers for operational activities.
- recovery of bad debts.
- revenue for shared corporate services provided by the regulated business to related parties.

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

6. If the GDB 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 GDB.

Box 3: Explanatory comment on merger and acquisition expenditure

No merger and acquisition expenditure has been incurred 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 closing Regulatory Asset Base (RAB) value has increased by \$33.6m (↑ 8.3%) during the year to \$439.8m.

Revaluations (↑ \$10.1m, 52.8%) and commissioned assets (↑ \$5.7m, 36.7%) were higher than the 2021 disclosure period. The increase in revaluations is due to a higher CPI rate applied to the opening RAB (7.23% compared to 4.93% in the 2021 disclosure period).

Depreciation (↓ \$0.9m, 5.7%) and adjustment resulting from asset allocation (↓ \$0.5m, 72.2%) were lower than the 2021 disclosure period.

The disposals number is a credit because of a lower provision number on Commissioned Work in Progress (WIP) and a partial release of the 2021 disclosure period provision.

The adjustment resulting from asset allocation for 2022 (↓ \$1.1m) consists of two factors

- a decrease in the asset allocation percentage applied to shared assets (\$0.7m).
- some assets previously classified as a shared asset subject to asset allocation being reclassified as an electricity related asset (\$0.4m).

The depreciation and disposals amount include provisions related to the Commissioned WIP balance. This is consistent with the 2021 disclosure period.

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

8. In the box below, provide descriptions and workings of the material items recorded in the following asterisked categories of 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 amount to \$0.2m and relate to

- Customer contributions income that is included in taxable income, but not regulatory profit.
- Non-deductible costs such as certain entertainment and legal costs.
- Deductible expenditure relating to IRFS16 leases, but not in regulatory profit.
- A prior period correction relating to metering fees incorrectly included in CIW income taxable over 10 years, now removed.

A revaluation gain on RAB of \$29.1m included in Regulatory Profit is not taxable.

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

9. In the box below, provide descriptions and workings of material items recorded in the asterisked category 'Tax effect of other temporary differences' in 5a(vi) of Schedule 5a.

Box 6: Tax effect of other temporary differences (current disclosure year)

Temporary differences amount to (\$0.9m), (\$0.3m) tax effected, and relate to

- \$0.3m in CIW income that will be recognised as taxable income over a period of 10 years.
- \$0.4m movement in other general provisions.
- \$0.2m FY21 income tax return tax depreciation prior period adjustments.

Cost allocation (Schedule 5d)

10. 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 7: Cost allocation

Powerco has adopted a fully distributed cost approach to allocate shared costs between Powerco’s electricity distribution, gas distribution and unregulated businesses.

Directly attributable costs

\$11.3m operating costs (63.5% of total operating costs) are directly attributable to the gas distribution business (GDB) compared to \$12.0m in the previous disclosure year.

All operating costs except specified systems operations and network support (SONS) costs and specified business support costs are directly attributable to the specific regulated businesses. Costs that are directly attributable to the gas distribution business primarily relate to:

- SONS (except network information services management costs)
- Network management and administration
- Customer related costs

Proxy allocators

Powerco adopts ABAA (accounting-based allocation approach) to determine the cost allocators that are used to allocate operating costs not directly attributable (less any arm’s length deduction) to the gas distribution business or any other regulated service. If a causal relationship cannot be established between the cost incurred and the cost driver a proxy relationship may be used to determine the cost allocator.

Following analysis of each financial statement item by Powerco’s management team and based on a combination of experience, knowledge, and the comparative sizes of Powerco’s regulated businesses proxy relationships have been used to allocate operating costs for which a causal relationship cannot be established. The main reason a causal relationship cannot be established is that some costs do not have just one driver. The use of one cost allocator would unfairly affect the allocation of costs between regulated businesses.

Costs not directly attributable

\$6.5m operating costs (36.5% of the total) that are not directly attributable to the GDB have been allocated to the GDB, compared to \$6.0m in the prior disclosure year.

Costs that are not directly attributable to the gas distribution business primarily relate to SONS network information services management and business support costs.

SONS network information services management costs include personnel costs and professional service fees. A proxy fixed asset allocator based on the carrying value of network fixed assets is used.

Business support costs include personnel, professional services, information technology, building and insurance, administration, and communication and marketing. The allocators vary as follows:

- Corporate services apply a proxy allocator of distribution line charge revenue
- Human resources apply a proxy allocator of employee numbers
- Regulatory management apply a causal allocation of management’s estimate of staff time working on gas regulated, other regulated and unregulated services and legal apply a proxy fixed asset allocator
- Insurance apply causal allocators of indemnity values, vehicle allocations and employee numbers
- Facility costs apply a causal allocator of employee numbers and a proxy fixed assets allocator
- Information systems and projects apply a proxy fixed asset allocator

Only one allocation methodology has been applied to each functional area and there have been no changes to any cost allocator used in the current disclosure year.

Rationale for the quantifiable measure used for each proxy allocator is as follows:

Functional	Proxy	Rationale
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Area	Allocator	
Corporate Services	Net Revenue	Corporate services for the business do not only relate to asset management, therefore net revenue has been chosen as the most complete measure that encompasses all activities of the business to allocate corporate service costs.
Human Resources	Employee numbers	Human resource costs relate to managing employees of the business. Therefore an assumption can be made that the greater number of employees in a business segment, the greater the share of human resources costs required to support that segment.
Legal	Fixed Assets	A significant amount of legal costs relate to capital expenditure and existing assets. Therefore an assumption can be made the greater amount of assets in a business segment, the greater the share of legal costs required to support that segment.
Information Systems and projects	Fixed Assets	A significant amount of information systems costs relate to managing and supporting the assets of the business. Therefore an assumption can be made the greater amount of assets in a business segment, the greater the share of information system costs required to support that segment.

Asset allocation (Schedule 5e)

11. 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 8: Commentary on asset allocation

\$424.6m (96.6%) of the total RAB value is directly attributable to the gas distribution business (GDB). \$15.2m (3.4%) of the total RAB value is not directly attributable but has been allocated to the GDB. In the previous disclosure year, the proportionate split was the same at 96.5% and 3.5% respectively.

The principles supporting Powerco's asset allocation are consistent with the principles supporting cost allocation described in Box 7.

Shared non-network assets have been allocated to the regulatory asset base based on the proxy allocator of fixed asset net book value.

There have been no reclassifications in the period reported.

Capital Expenditure for the Disclosure Year (Schedule 6a)

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

Box 9: Explanation of capital expenditure for the disclosure year

Expenditure on assets for the 2022 disclosure year totalled \$19.8m, which is \$0.1m (↑ 0.6%) more than the prior disclosure year (\$19.7m). This comprises of increases in system growth (↑ \$1.8m, 135.6%) and asset replacement and renewal (↑ \$1.4m, 37.1%). This was offset by a decrease in consumer connection (↓ \$1.4m, 16.9%), quality of supply (↓ \$1.2m, 73.2%), asset relocations (↓ \$0.3m, 77.9%) and non-network assets (↓ \$0.3m, 10.2%).

Materiality threshold

A materiality threshold of \$0.1m has been applied to identify material projects and programmes listed in Schedule 6a. Network projects or programmes of work have also been considered material if their costs make up 40% or more of the total costs in the expenditure category or 10% or more of the total costs in the other reliability, safety and environment category.

Expenditure Category	Threshold
Asset relocations	Projects exceed 40% of the total costs for that category in the disclosure year
Quality of supply	Project costs exceed \$0.1m in the disclosure year
Other Network capex	
Other reliability, safety and environment	Projects greater than 10% of total costs for that category in the disclosure year or project costs exceeding the materiality threshold of \$0.1m

Reclassified items

No capital expenditure has been reclassified in the 2022 disclosure period.

Operational Expenditure for the Disclosure Year (Schedule 6b)

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

Box 10: Explanation of operational expenditure for the disclosure year

Operating expenditure (Opex) for the disclosure year 2022 totalled \$17.8m, which is lower than the prior disclosure year (↓ \$0.3m, 1.5%). Routine and corrective maintenance and inspection expenditure increased to \$3.3m (↑ \$0.2m, 4.4%). System operations and network support decreased to \$3.8m (↓ \$0.6m, 13.3%). Business support expenditure increased to \$7.1m (↑ \$0.4m, 5.9%). Variances noted across the remaining Opex maintenance categories are small and account for the balance of the total Opex.

Powerco considers replacement and renewal maintenance to be operating expenditure where the primary driver is the maintenance of asset integrity to address the progressive deterioration or obsolescence of particular assets, or the need to maintain physical security.

Powerco interprets asset replacement and renewal maintenance to include defect remedy of a non-routine nature which require the replacement of assets or asset subcomponents in order to maintain the asset in its current state, but do not meet the thresholds of our capitalisation policy.

Reclassified items

No items have been reclassified during this disclosure year.

Atypical expenditure

There have been no material items of atypical expenditure.

Variance between forecast and actual expenditure (Schedule 7)

14. 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 11: Explanatory comment on variance in actual to forecast expenditure

Expenditure on assets (network and non-network) for the disclosure year 2022 totalled \$19.8m which is \$1.1m (↑ 5.7%) above the 2021 Asset Management Plan (AMP) forecast of \$18.7m. The uplift in expenditure is the result of increases in both network (↑ \$1.0m, 6.0%) and non-network (↑ \$0.1m, 3.9%) asset expenditure.

The reasons for variances are noted below and commentary is provided for each category showing a forecast to actual variance of greater than 8% (subject to being material in dollar terms).

Capital Expenditure

Overall network capital expenditure was slightly higher than forecast for the year by \$1.0m (↑ 6.0%).

Variances within the categories is attributed to targeting the most economic investments, ensuring that we maintain a reliable and safe network in line with our strategies, for our customers.

System growth – Throughout the 2022 disclosure period, the volume of customer connections exceeded expectations remaining strong across the period. This reflects a 74.6% uplift (↑ \$1.3m) within this category.

Asset replacement and renewal – 28.2% uplift (↑ \$1.2m), in spend is largely due to

- Scheduled – Pre 85 and steel replacement costs to deliver projects has increased due to inflation and construction costs.
- Reactive – The financial treatment for riser replacements has changed from Opex to Capex increasing the expenditure in this category by \$0.7m.

Quality of supply – We have seen a significant reduction in upgrade expenditure 78.7% (↓ \$1.6m), due to planned rationalization projects that have been cancelled in favour of more economic station renewals.

Other reliability, safety and environment – 88.8% uplift (↑ \$0.7m) in expenditure due to increased costs to deliver replacement of steel valve projects following higher inflation and labour costs.

Overall non-network capital expenditure in the disclosure period was 3.9% (↑ \$0.1m) above target for the year.

Operational Expenditure

Operational expenditure in the disclosure period is below the AMP forecast by \$1.0m (↓ 5.1%).

Network operational expenditure is above forecast by \$0.8m (↑ 12.7%). Variances within the categories is attributed to reactive repair and replacement work identified as part of our scheduled inspections and fault call outs. Additionally, we have seen an overall increase in costs to deliver projects following higher inflation and labour costs in 2022. The reasons for variances are noted below and commentary is provided for each category showing a forecast to actual variance of greater than 4% (subject to being material in dollar terms).

Asset Replacement & Renewal – 27.4% uplift (↑ \$0.6m), in this category is largely due to

- Repair costs resulting from third party damage call outs and leaking valves across the network
- Higher cost associated with repairing leaks on high pressure steel mains or PE mains where traffic management was required and or environmental / soil conditions increased the cost of delivery (5 projects at \$0.3m)
- Repairs relating to a slip in Wellington during August/September 2023 (\$0.3m)

Non-network operational expenditure is below forecast by \$1.7m (↓ 13.8%). Expenditure was less than expected in System Operations and Network Support by \$1.3m (↓ 25.7%). This was due to lower management, marketing, engineering, and professional advice costs.

Information relating to revenues and quantities for the disclosure year

15. 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 12: Explanatory comment relating to revenue for the disclosure year

Powerco's actual revenue for the 2022 disclosure period was \$54.7m compared to target revenue of \$55.5m (↓ \$0.9m, 1.6%).

There is no material difference between target revenue and total billed line charge revenue.

16. If price category codes or consumer groups (as applicable) have been changed in a disclosure year, please explain in the box below the effect of this on the allocation of ICPs, quantities and revenues between consumer groups disclosed in Schedule 8.

Box 13: Explanatory comment relating to changed price category codes or consumer groups

No change in price category codes or consumer groups during the disclosure period.

Network Reliability for the Disclosure Year (Schedule 10a)

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

Box 14: Commentary on network reliability for the disclosure year

The amount of planned interruptions has decreased by 50% compared to previous disclosure. The majority of these planned interruptions are in the Lower Network region (Wellington and Hutt Valley/Porirua) which is mostly related to riser replacement due to corrosion and leaks.

The amount of Unplanned interruptions has decreased (approx. 30%) compared to previous disclosures. Most of these unplanned interruptions are in Taranaki and Lower Network region (Wellington and Hutt Valley/Porirua) due to leakage issues on risers.

The SAIDI Value has decreased (approx. 40%) from previous years' disclosure which is in line with historical values recorded in 2019/2020. As noted in previous information disclosures, SAIDI is a volatile measure that poorly reflects the overall gas distribution networks actual performance.

Insurance cover

18. In the box below, provide details of any insurance cover for the assets used to provide gas pipeline services, including-

- 18.1 The GDB's approaches and practices in regard to the insurance of assets, including the level of insurance;

- 18.2 In respect of any self insurance, the level of reserves, details of how reserves are managed and invested, and details of any reinsurance.

Box 15: Explanation of insurance cover

Powerco holds significant insurance cover relating to material damage and business interruption, targeted at key assets. This includes full cover for buildings and contents, substations, Gas district regulators, Gas special crossings and IS server equipment, and natural disaster cover for distribution transformers and SCADA equipment.

Powerco continues to prudently insure our network and other assets where it is economically feasible to do so, in line with good industry practice. Cover for poles, wires and pipes (commonly referred to as transmission and distribution cover) are, for all practical purposes, unavailable in NZ. Where it may be available in small amounts across our geographic region, the cost is considered to be uneconomic versus the risk, as there is a restricted retained limit and a premium cost of 10-15% of the sum insured.

To manage Powerco's exposure to a catastrophic event affecting its uninsured assets, the company maintains headroom in its debt facilities as explained below. The geographically diverse nature of Powerco's assets, and the resilience of those assets, also provides some practical mitigation of seismic risks.

Powerco maintains debt facilities, in excess of net (drawn) debt, that would be available for use should events occur which require extra funds to be made available quickly. This headroom amount is in excess of our day-to-day working capital requirements.

The value of this facility headroom, currently \$100 million, is partly based on an assessment of the uninsured damage to Powerco's network assets undertaken by Marsh Risk Consulting. This analysis reviewed the catastrophic risk and expected loss from a catastrophic event and was last assessed at \$70-96 million.

Insurance costs are allocated to Powerco's separate businesses following Powerco's allocation policies discussed earlier in this document.

Amendments to previously disclosed information

19. 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:
- 19.1 a description of each error; and
 - 19.2 for each error, reference to the web address where the disclosure made in accordance with clause 2.12.1 is publicly disclosed.

Box 16: Disclosure of amendment to previously disclosed information

There have been no amendments to previously disclosed information made in accordance with clause 2.12.1.

Company Name	Powerco Limited
For Year Ended	30 September 2022

Schedule 15: Voluntary Explanatory Notes

(In this Schedule, clause references are to the Gas Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018.)

1. This schedule enable GDBs to provide, should they wish to:
 - 1.1 additional explanatory comment to reports prepared in accordance with clauses 2.3.1, 2.4.21, 2.4.22, 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
Finance (Schedules 2-7)**

Weighted average remaining useful life of assets (Schedule 4)

The weighted average remaining useful life of assets has been calculated in accordance with Schedule 16 of the Information Disclosure Determination. This specifies the weighting is based on opening RAB values. Opening RAB is a depreciated value that skews the weighted average remaining useful life value towards the newer, and consequently, higher value longer remaining life assets. This measure is therefore not a true reflection of the age of Powerco's assets.

It is also important to note that asset age, particularly total average remaining asset life, is not a key driver of the need to replace network assets. Good asset management practice would suggest this is primarily driven by overall asset health – i.e. condition/performance/criticality. For this reason, Powerco's forecast investment profiles set out in the company's current Asset Management Plan are not directly linked to addressing specific movements in average asset age. This is however one of several key considerations.

Disposals and Depreciation provisions

As noted in Box 4 the disposals and depreciation result for the current year include provisions related to Commissioned WIP that is included in RAB.

Powerco implemented a new ERP system in the 2019 disclosure year. Delays in capitalising WIP to final assets due to system and process issues has resulted in assets that are commissioned remaining in WIP. Any disposal or depreciation related to these new assets were not captured in the ERP system. This highlighted the need to include provisions for depreciation and disposals in 2021. These provisions are recalculated annually using up-to-date actual disposals and depreciation data and has been recalculated for 2022.

The disposal and depreciation provisions apply the same methodology as used for accounting, while also ensuring that these provisions are calculated in line with the relevant Input Methodology.

The provision included in 2022 captures new assets included in Commissioned WIP this year, and assets that remain in Commissioned WIP from previous years. Significant effort has been made in 2022 to reduce the number of commissioned assets remaining in WIP. It will take several years to catch up, with the impact of the reduced disposal provision flowing through as actual disposals are processed.

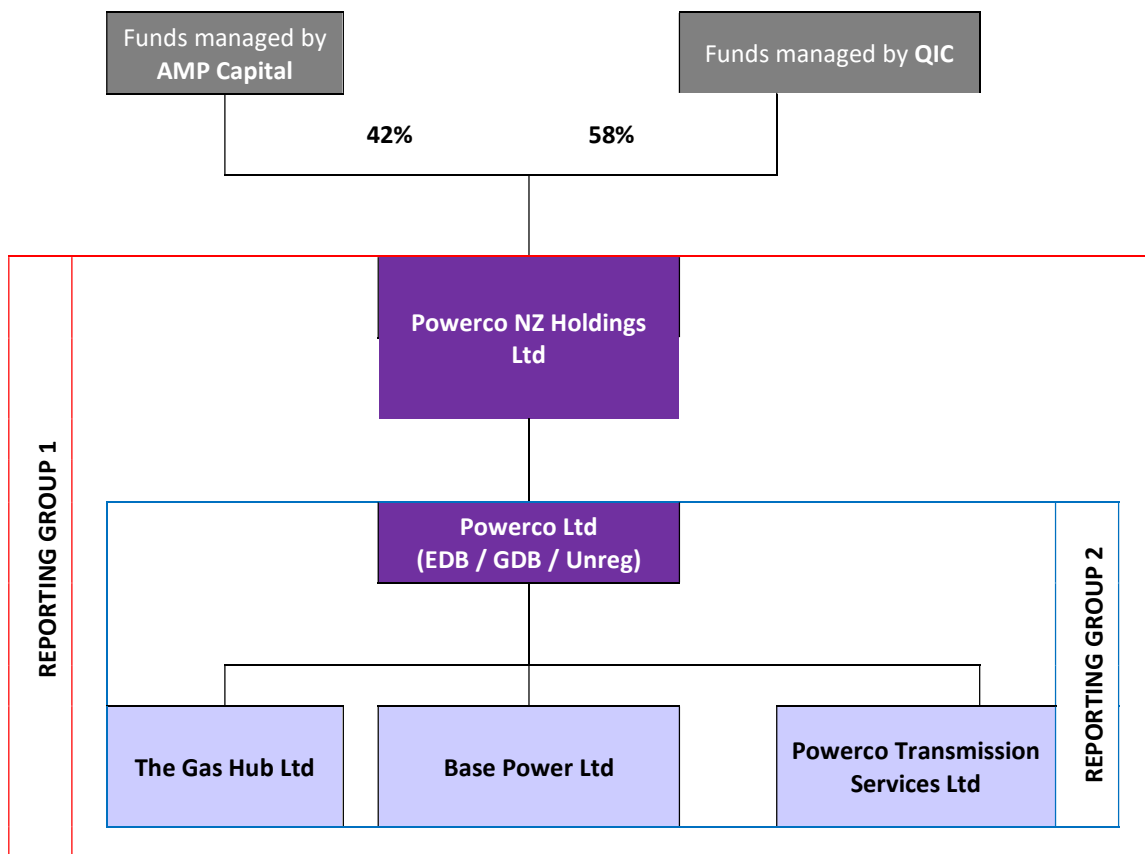
This provision-based approach will be used in future years.

Information systems and asset reporting

Over the past year, Powerco has implemented new systems and reports, as part of our BIRD (Business Intelligence, Reporting and Data Management Program) project. This has enabled Powerco to discover new and more detailed information about our assets, including a project to link more details about physical equipment to assets in financial asset registers (which are used for ID). This ensures that the total and remaining useful lives of assets in our schedules reflect their most appropriate useful life.

Related parties (Schedule 5b)

Referencing limb a) of the related party definition, Powerco Ltd's external related parties include:



- Powerco NZ Holdings Limited does not trade. Its purpose is to form a corporate group through share ownership.
- Powerco Limited is primarily a regulated electricity and gas distribution business. It also conduct's unregulated activities such as gas metering and includes a business development team to identify and take advantage of both regulated and unregulated opportunities. Powerco Limited provides business support services to Base Power Ltd and the unregulated 'parts' of the regulated business.
- The Gas Hub Limited and Powerco Transmission Limited are not active.
- Base Power Limited provides remote area power supply units to the market and Powerco's Electricity

Distribution business.

Referencing limb b) of the related party definition, Powerco Ltd's internal related parties include:

- Gas metering

The Gas Distribution Business did not purchase any assets, goods, or services from any related party.

All related party transactions are valued on an equivalent arm's length basis. Powerco Limited has not adopted the consolidation approach. Depending on the type of transaction the valuation method may require the application of a:

- a) market-tested value; or
- b) market-tested margin.

Powerco applies a market-tested margin to regulatory income for business support services provided to related parties. To ensure Powerco's valuation of related party transactions is based on an objective and independent measure PwC was engaged to report the margin benchmarks observed in the market for relevant corporate services.

- The equivalent arm's length value of services provided to related parties is \$1.241m, of which \$1.238m is allocated to Powerco's Gas Distribution business.

Term Credit Spread Differential Allowance (Schedule 5c)

The presentation is rounded to the nearest thousand.

6. Directors Certificate

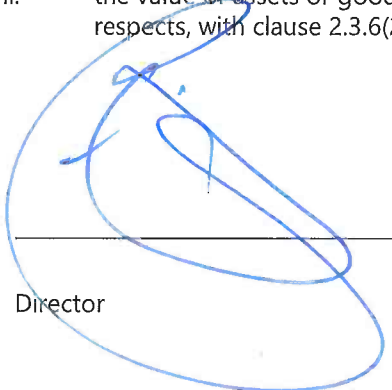
Directors' certificate for the Gas Distribution Information Disclosures

For the year 1 October 2021 – 30 September 2022

Pursuant to clause 2.9.3 of Section 2.9

We, John Loughlin, and Philip Cory Wright being directors of Powerco Limited certify that, having made all reasonable enquiry, to the best of our knowledge:

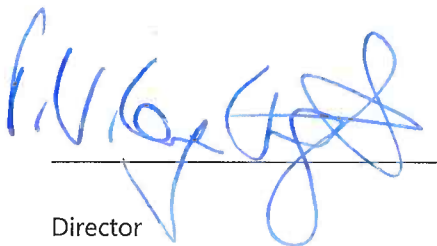
- a) the information prepared for the purposes of clauses 2.3.1, 2.3.2, 2.4.21, 2.4.22, 2.5.1, 2.5.2 and 2.7.1 of the Gas Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and
- b) the historical information used in the preparation of Schedules 8, 9a, 9b, 9c, 9d, 10a, 10b and 14 has been properly extracted from Powerco Limited's accounting and other records sourced from its financial and non-financial systems, and that sufficient appropriate records have been retained.
- c) In respect of information concerning assets, costs and revenues valued or disclosed in accordance with clause 2.3.6 of the Gas Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5) of the Gas Distribution Services Input Methodologies Determination 2012, we are satisfied that -
 - i. the costs and values of assets or goods or services acquired from a related party comply, in all material respects, with clauses 2.3.6(1) and 2.3.6(3) of the Gas Distribution Information Disclosure Determination 2012 and clauses 2.2.11(1)(g) and 2.2.11(5)(a)-2.2.11(5)(b) of the Gas Distribution Services Input Methodologies Determination 2012; and
 - ii. the value of assets or goods or services sold or supplied to a related party comply, in all material respects, with clause 2.3.6(2) of the Gas Distribution Information Disclosure Determination 2012.



Director

23-3-23

Date



Director

23-3-23

Date

Note: Section 103(2) of the Commerce Act 1986 provides that no person shall attempt to deceive or knowingly mislead the Commission in relation to any matter before it. It is an offence to contravene section 103(2) and any person who does so is liable on summary conviction to a fine not exceeding \$100,000 in the case of an individual or \$300,000 in the case of a body corporate.



**INDEPENDENT AUDITOR'S REPORT
TO THE DIRECTORS OF POWERCO LIMITED AND THE COMMERCE COMMISSION**

Report on the Disclosure Information prepared in accordance with the Gas Distribution Information Disclosure Determination 2012 (consolidated April 2018)

We have conducted a reasonable assurance engagement on whether the information disclosed by Powerco Limited (the 'Company') required to be disclosed in accordance with the Gas Distribution Information Disclosure Determination 2012 (consolidated in April 2018) ('the Determination') for the disclosure year ended 30 September 2022, has been prepared, in all material respects, in accordance with the Determination.

The information required to be reported by the Company, under the Information Disclosure Determination is in schedules 1 to 4, 5a to 5g, 6a and 6b, 7, the system average interruption duration index ('SAIDI') and system average interruption frequency index ('SAIFI') information disclosed in Schedule 10a(ii) and the explanatory notes in boxes 1 to 11 in Schedule 14 ('the Disclosure Information').

Further, we have conducted a reasonable assurance engagement on whether the Company's basis for valuation of related party transactions ('the Related Party Transaction Information') for the disclosure year ended 30 September 2022, has been prepared, in all material respects, in accordance with clause 2.3.6 of the Determination, and clauses 2.2.11(1)(g) and 2.2.11(5) of the Gas Distribution Services Input Methodologies Determination 2012 (consolidated 2018) ('the Input Methodologies Determination').

Opinion

This opinion has been formed on the basis of, and is subject to, the inherent limitations outlined elsewhere in this independent assurance report.

In our opinion:

- The Company has complied, in all material respects, with the Determination in preparing the Disclosure Information;
- The Related Party Transaction Information complies, in all material respects, with the Determination and the Input Methodologies Determination;
- As far as appears from an examination of them, proper records to enable the complete and accurate compilation of the Disclosure Information and the Related Party Transaction information have been kept by the Company; and
- As far as appears from an examination of the records, the information used in the preparation of the Disclosure Information and the Related Party Transaction Information has been properly extracted from the Company's accounting and other records and has been sourced, where appropriate, from the Company's financial and non-financial systems.

Basis of opinion

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised): Assurance Engagements Other Than Audits or Reviews of Historical Financial Information ("*ISAE (NZ) 3000 (Revised)*") and the Standard on Assurance Engagements 3100 (Revised): Compliance Engagements ("*SAE 3100 (Revised)*") issued by the New Zealand Auditing and Assurance Standards Board. Copies of these standards are available on the External Reporting Board's website.

These standards require that we comply with ethical requirements and plan and perform our assurance engagement to provide reasonable assurance about whether the Disclosure Information has been prepared, in all material respects, with the Determination, and about whether the Related Party Transaction Information has been prepared, in all material respects, with the Determination and the Input Methodologies Determination.

Reasonable assurance is a high level of assurance.

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

Key assurance matters

Key assurance matters are those matters that, in our professional judgement, were of most significance in our assurance procedures of the Disclosure Information. These matters were addressed in the context of our audit of the Disclosure Information, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Key assurance matter	How our assurance addressed the key assurance matter
Completeness and accuracy of System Average Interruption Duration Index ('SAIDI') and System Average Interruption Frequency Index ('SAIFI')	
<p>The Determination defines certain quality measures in relation to the number of interruptions, faults, cause of faults and the average SAIDI and SAIFI values.</p> <p>SAIDI and SAIFI is calculated using aggregate faults and interruptions information for the period through prescribed formulas and requirements per Schedule 10a(ii) of the Information Disclosure Determination.</p> <p>The completeness and accuracy of SAIDI and SAIFI is a key assurance matter due to the reliance on manual interruption records completed by Powerco's field service providers to inform the data entry of interruption information for a large volume of faults.</p>	<p>Our procedures on the completeness and accuracy of SAIDI and SAIFI included the following:</p> <ul style="list-style-type: none">• Obtaining a robust understanding of the Company's methods for recording gas outages and their duration;• Evaluating the design and implementation of key controls related to the recording and the reviewing of outage data;• Utilising media searches to determine whether gas interruption events in the media were appropriately recorded in the spreadsheet and the outage database;• On a sample basis, selecting faults recorded on the outage database and tracing the number of customers, number of minutes, the class type and fault cause to the information recorded on the outage listing;• On a sample basis, selecting faults recorded on the interruption records prepared by Powerco's external field service providers and tracing the number of customers, number of minutes, the class type and fault cause to the information recorded in the system and the information recorded on the outage listing;• Selecting a sample of health and safety incidents reported and confirming that they were correctly included/excluded in outage database. As well as selecting a sample of interruption records prepared by Powerco's external field service providers to confirm that the details have been accurately reported in outage database and reported in the outage records; and• Recalculating SAIDI and SAIFI according to the methodology of the Determination.

Key assurance matter

How our assurance addressed the key assurance matter

Capital expenditure and assets commissioned into the regulatory asset base ('RAB')

The Company carries out a large number of individual network system projects that can be either operational (network maintenance) or capital (asset replacement or network growth) in nature.

Capital expenditure in the current year was \$19.5 million and commissioned assets into the RAB of \$21.2 million, compared to network operating expenditure of \$17.0 million.

Capital expenditure and assets commissioned into the RAB are a key assurance matter due to the significant judgment pertaining to the assessment of whether the capital expenditure and assets commissioned meet the definition under the Determination.

Our procedures on capital expenditure and commissioned assets into the RAB included the following:

- Assessing whether the Company's capitalisation policy was in line with NZ IAS 16 – Property, plant and equipment, NZ IAS 38 – Intangible assets and NZ IFRS 16 – Leases;
- Evaluating the design and implementation of controls over the classification of network expenditure;
- Examining a sample of capital expenditure and assets included in the RAB to invoice(s) or other supporting information to determine whether the expenditure met the capitalisation criteria in the Determination;
- Assessing the adequacy of the disposal provision included into the RAB; and
- Comparing the assets commissioned into the RAB to those commissioned for financial reporting purposes and investigating any significant variances.

Responsibilities of the Board of Directors for the Disclosure Information and Related Party Transaction Information

The Board of Directors is responsible on behalf of the Company for the preparation of the Disclosure Information and Related Party Transaction Information in accordance with the Determination. The responsibility includes the design, implementation and maintenance of internal control relevant to the Company's preparation of the Disclosure Information and the Related Party Transaction Information with the Determination.

Our Independence and Quality Control

We have complied with the independence and other ethical requirements of Professional and Ethical Standard 1 *International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand)* ('PES-1') 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.

Other than in our capacity as independent auditor and the provision of other assurance services including the audit of financial statements, the audit of regulatory disclosure statements and greenhouse gas assurance, we have no relationship with or interests in the Company or any of its subsidiaries. These services have not impaired our independence as auditor of the Company as required by the Determination.

The firm applies Professional and Ethical Standard 3 (Amended): *Quality Control for Firms that Perform Audits and Reviews of Financial Statements, and Other Assurance Engagements* issued by the New Zealand Auditing and Assurance Standards Board, 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.

Our responsibility for the audit of the Disclosure Information and the Related Party Transaction Information

Our responsibility is to express an opinion whether the Disclosure Information and the Related Party Transaction Information has been prepared, in all material respects, in accordance with the Determination and the Input



Methodologies Determination. ISAE 3000 (Revised) and SAE 3100 (Revised) requires that we plan and perform our procedures to obtain reasonable assurance that the Company has complied, in all material respects, with the Determination and the Input Methodologies Determination in relation to the preparation of the Disclosure Information and the Related Party Transaction Information.

An assurance engagement to report on the Company's preparation of the Disclosure Information and the Related Party Transaction Information in accordance with the Determination and the Input Methodologies Determination involves performing procedures to obtain evidence about the compliance activity and controls implemented to meet the requirements of the Determination and the Input Methodologies Determination. The procedures selected depend on our judgement, including the identification and assessment of risk of material non-compliance with the Determination and the Input Methodologies Determination.

We have performed procedures to obtain evidence about the amounts and disclosures in the Disclosure Information and the basis of valuation in the Related Party Transaction Information. The procedures selected depend on our judgement, including the assessment of the risks of material misstatement of the Disclosure Information and Related Party Transaction Information, whether due to fraud or error or non-compliance with the Determination or the Input Methodologies Determination. In making those risk assessments, we considered internal control relevant to the Company's preparation of the Disclosure Information and Related Party Transaction Information in order to design procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.

Inherent Limitations

Because of the inherent limitations of a reasonable assurance engagement, and the test basis of the procedures performed, it is possible that fraud, error or non-compliance may occur and not be detected.

We did not examine every transaction, adjustment or event underlying the Disclosure Information or the Related Party Transaction Information nor do we guarantee complete accuracy of the Disclosure Information or the Related Party Transaction Information. Also we did not evaluate the security and controls over the electronic publication of the Disclosure Information or the Related Party Transaction Information.

The opinion expressed in this report has been formed on the above basis.

Use of Report

This independent assurance report has been prepared solely for the directors of the Company and the Commerce Commission for the purpose of providing those parties with reasonable assurance about whether the Disclosure Information has been prepared, in all material respects, in accordance with the Determination, and about whether the Related Party Transaction Information has been prepared in all material respects with the Determination and the Input Methodologies Determination. We disclaim any assumption of responsibility for any reliance on this report to any person other than the directors of the Company or the Commerce Commission, or for any other purpose than that for which it was prepared.

Deloitte Limited

Auckland, New Zealand
23 March 2023