



**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

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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.

sch ref

7 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 |

16 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 |

23 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 |

30 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 | |

40 1(v): Reliability

| | | |
|-------------------|-------|--|
| Interruption rate | 11.64 | Interruptions per 100km of system length |
|-------------------|-------|--|

| | |
|----------------|--------------------------|
| 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).

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

| 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 | | | |
| 11 | Reflecting all revenue earned | 4.65% | 8.86% | 11.36% |
| 12 | Excluding revenue earned from financial incentives | 4.65% | 8.86% | 11.36% |
| 13 | 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 | plus Opening deferred tax | (31,548) | | |
| 34 | Opening RIV | | 374,591 | |
| 36 | Line charge revenue | | 54,656 | |
| 38 | Expenses cash outflow | 19,768 | | |
| 39 | plus Assets commissioned | 21,213 | | |
| 40 | less Asset disposals | (26) | | |
| 41 | plus Tax payments | 5,185 | | |
| 42 | less 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 | less Adjustment resulting from asset allocation | (1,110) | | |
| 49 | less Lost and found assets adjustment | - | | |
| 50 | plus 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 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.

sch ref

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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) | (RAB) (\$000) | RAB (\$000) | (RAB) (\$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 130.

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).

5a(iii): Amortisation of Initial Difference in Asset Values

| | | (\$000) | |
|----|---|---------|--------|
| 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 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 | | 1,237,651 |
| 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] | |
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| | [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

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

| Issuing party | Issue date | Pricing date | Original tenor (in years) | Coupon rate (%) | Book value at issue date (NZD) | Book value at date of financial statements (NZD) | Term Credit Spread Difference | Debt issue cost readjustment |
|--|------------|--------------|---------------------------|-----------------|--------------------------------|--|-------------------------------|------------------------------|
| USPP (2011) US\$90m/NZ\$114.2m | 7/06/2011 | 7/06/2011 | 12.00 | BKBM+1.835% | 114,213.20 | 131,464.66 | 599.62 | -133.25 |
| USPP (2011) US\$83m/NZ\$105.3m | 7/06/2011 | 7/06/2011 | 15.00 | BKBM+1.980% | 105,329.95 | 124,016.20 | 789.97 | -140.44 |
| USPP(2013) US\$25m/NZ\$30.4m | 23/01/2013 | 1/11/2012 | 12.00 | BKBM + 2.20% | 30,439.55 | 35,959.22 | 159.81 | -35.51 |
| USPP(2013) US\$80m/NZ\$97.4m | 23/01/2013 | 1/11/2012 | 15.00 | BKBM + 2.21% | 97,406.55 | 113,662.91 | 730.55 | -129.88 |
| USPP(2022) US\$70m/NZ\$103.4m | 15/03/2022 | 23/09/2021 | 10.00 | BKBM + 1.482% | 103,382.07 | 100,549.96 | 387.68 | -103.38 |
| USPP(2022) US\$100m/NZ\$147.7m | 15/03/2022 | 23/09/2021 | 12.00 | BKBM + 1.567% | 147,688.67 | 143,689.67 | 775.37 | -172.30 |
| NZD USPP(2014) NZ\$135m | 15/10/2014 | 3/07/2014 | 12.50 | 0.0662 | 135,000.00 | 135,454.47 | 759.38 | -162.00 |
| NZD USPP(2017) NZ\$125m | 16/11/2017 | 9/08/2017 | 12.00 | BKBM + 1.84% | 125,000.00 | 124,907.42 | 656.25 | -145.83 |
| NZD USPP (2018) NZ\$100m | 13/12/2018 | 16/08/2018 | 7.00 | BKBM + 1.58% | 100,000.00 | 99,851.85 | 150.00 | -57.14 |
| NZD USPP (2018) NZ\$150m | 13/12/2018 | 16/08/2018 | 12.00 | BKBM + 1.81% | 150,000.00 | 149,625.96 | 787.50 | -175.00 |
| SFA (2020) NZ\$130m | 25/02/2020 | 18/02/2020 | 7.00 | BKBM +1.65% | 130,000.00 | 129,715.53 | 195.00 | -74.29 |
| SFA (2020) AU\$15m/NZ\$15.6m | 25/02/2020 | 18/02/2020 | 7.00 | BKBM + 1.543% | 15,645.15 | 16,141.11 | 23.47 | -8.94 |
| 2015 Wholesale Bond - Fixed rate | 28/09/2015 | 16/09/2015 | 7.00 | 0.0476 | 150,000.00 | 150,004.50 | 225.00 | -85.71 |
| 2016 Wholesale Bond - Fixed rate | 15/11/2016 | 4/11/2016 | 8.00 | 0.0467 | 100,000.00 | 100,317.56 | 225.00 | -75.00 |
| 2020 Wholesale Bond - Fixed rate | 6/08/2020 | 31/07/2020 | 10.00 | 0.0236 | 125,000.00 | 125,099.95 | 468.75 | -125.00 |
| 2020 Wholesale Bond (tap) - Fixed rate | 2/06/2021 | 31/05/2021 | 9.18 | 0.0236 | 50,000.00 | 50,039.98 | 156.69 | -45.53 |
| <i>* include additional rows if needed</i> | | | | | | 1,730,501 | 7,090 | (1,669) |

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

| | |
|---|-----------|
| Gross term credit spread differential | 5,421 |
| Total book value of interest bearing debt | 1,982,446 |
| Leverage | 42% |
| Average opening and closing RAB values | 422,970 |
| Attribution Rate (%) | 9% |
| Term credit spread differential allowance | 486 |

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 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) |
|---|---------|---------|
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| All other projects or programmes - asset relocations | 89 | |
| Asset relocations expenditure | | 89 |
| 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 | | | |
| 124 | 6a(ix): Non-Network Assets | | |
| 125 | Routine expenditure | | |
| 126 | Project or programme* | (\$000) | (\$000) |
| 127 | Enterprise Asset Management System | 709 | |
| 128 | Tauranga Office Alterations | 185 | |
| 129 | Leases | 179 | |
| 130 | Improve network Operations (OMS/DMS) | 178 | |
| 131 | IT Renewal | 168 | |
| 132 | Concept to Completion | 117 | |
| 133 | * include additional rows if needed | | |
| 134 | All other projects or programmes - routine expenditure | 660 | |
| 135 | Routine expenditure | | 2,197 |
| 136 | Atypical expenditure | | |
| 137 | Project or programme* | (\$000) | (\$000) |
| 138 | T.D Williamson Gas Equipment | 270 | |
| 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 | | | |
| | - | 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 | | | |
| | - | - | | | |
| | - | - | | | |
| | - | - | | | |
| | - | - | | | |

| 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] | - | - |

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

| | | |
|-------------------------------------|--------|-------|
| Standard consumer totals | 66,079 | 2,687 |
| Non-standard consumer totals | 126 | 888 |
| Total for all consumers | 66,204 | 3,576 |

| | | | | | |
|--|------------|-----------|---|---|---|
| | 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.

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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) |
|--|--|---|--|---|
| G06 | Residential | Standard | \$3,340 | |
| G11 | Residential / Small Commercial | Standard | \$21,322 | |
| G12 | Commercial | Standard | \$1,743 | |
| G14 | Commercial | Standard | \$1,745 | |
| G16 | Commercial | Standard | \$1,537 | |
| G18 | Commercial | Standard | \$340 | |
| G30 | Commercial | Non-standard | \$856 | |
| G40 | Industrial | Non-standard | \$958 | |
| | | [Select one] | - | |
| | | [Select one] | - | |
| | | [Select one] | - | |
| | | [Select one] | - | |
| Standard consumer totals | | | \$30,028 | - |
| Non-standard consumer totals | | | \$1,814 | - |
| Total for all consumers | | | \$31,841 | - |

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

| Price component | Line charge revenues (\$000) by price component | | | |
|--|---|----------|---|---|
| | Fixed | Variable | | |
| Rate (eg, \$ per day, \$ per GJ, etc.) | \$/day | \$/GJ | | |
| | - | 3,340 | | |
| | 11,562 | 9,761 | | |
| | 426 | 1,318 | | |
| | 637 | 1,107 | | |
| | 406 | 1,131 | | |
| | 101 | 239 | | |
| | 312 | 543 | | |
| | 244 | 715 | | |
| | - | - | | |
| | - | - | | |
| | - | - | | |
| | - | - | | |
| | \$13,131 | \$16,896 | - | - |
| | \$556 | \$1,258 | - | - |
| | \$13,687 | \$18,154 | - | - |

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 | 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 | 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 | 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 | 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 | 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 | 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 | 0 | 52 | - | 3 |
| 25 | Medium Pressure | Stations | Medium pressure DRS | No. | - | - | - | 5 | 28 | 10 | 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 | 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 | 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 | | 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 | 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 | | | | | | | |
| 10 | Intermediate Pressure | Main pipe | IP PE main pipe | km | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 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 | - | 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 | - | - | - | - | - | - | - | - | - | 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 | - | - | - | - | - | 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 | - | - | - | - | - | 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 | - | - | - | - | - | 29 | - | 3 | | |
| 25 | Medium Pressure | Stations | Medium pressure DRS | No. | - | - | - | - | 27 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | 38 | - | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 165 | - | 3 |
| 28 | Low Pressure | Main pipe | LP PE main pipe | km | - | 0 | - | 0 | 0 | 0 | 0 | - | - | - | 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 | - | - | - | - | - | 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 | - | 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 | - | 3 |
| 36 | All | Monitoring and control systems | Remote terminal units | No. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 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 | 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 |
|--------------------------------|-------|

14

| | |
|------------|-----|
| Commercial | 113 |
|------------|-----|

15

| | |
|------------|---|
| Industrial | 1 |
|------------|---|

16

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

17

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

18

| | |
|--------------|--------------|
| Total | 1,929 |
|--------------|--------------|

19 **9d(ii): Gas Delivered**

20

21

| | | |
|----------------------------|---------|-------------|
| Number of ICPs at year end | 113,478 | connections |
|----------------------------|---------|-------------|

22

| | | |
|--------------------|--------|--------------|
| Maximum daily load | 40,178 | (GJ per day) |
|--------------------|--------|--------------|

23

| | | |
|----------------------|---------|----------------|
| Maximum monthly load | 985,276 | (GJ per month) |
|----------------------|---------|----------------|

24

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

25

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

26

| | | |
|------------------------|--------|--------------|
| Average daily delivery | 23,554 | (GJ per day) |
|------------------------|--------|--------------|

27

28

| | |
|--------------------|---------------|
| Load factor | 72.71% |
|--------------------|---------------|

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

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 | 723 |
|--------------------------------|-----|

14

| | |
|------------|----|
| Commercial | 42 |
|------------|----|

15

| | |
|------------|---|
| Industrial | 1 |
|------------|---|

16

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

17

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

18

| | |
|--------------|------------|
| Total | 766 |
|--------------|------------|

19

9d(ii): Gas Delivered

20

21

| | | |
|----------------------------|--------|-------------|
| Number of ICPs at year end | 47,062 | connections |
|----------------------------|--------|-------------|

22

| | | |
|--------------------|--------|--------------|
| Maximum daily load | 20,892 | (GJ per day) |
|--------------------|--------|--------------|

23

| | | |
|----------------------|---------|----------------|
| Maximum monthly load | 516,291 | (GJ per month) |
|----------------------|---------|----------------|

24

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

25

| | | |
|--------------------|-----------|----------------|
| Total gas conveyed | 5,035,699 | (GJ per annum) |
|--------------------|-----------|----------------|

26

| | | |
|------------------------|--------|--------------|
| Average daily delivery | 13,796 | (GJ per day) |
|------------------------|--------|--------------|

27

28

| | |
|--------------------|---------------|
| 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 |
|--------------|--------------|

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) |
|----------------------|---------|----------------|

24

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

25

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

26

| | | |
|------------------------|-------|--------------|
| Average daily delivery | 9,758 | (GJ per day) |
|------------------------|-------|--------------|

27

28

| | |
|--------------------|---------------|
| Load factor | 63.29% |
|--------------------|---------------|

| | |
|----------------------------|-------------------|
| 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 |

| 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 | | - |

| 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 | CAIDI |
|---|--------|-------|--------|
| 30 Based on the total number of interruptions | 655.41 | 6.00 | 109.17 |
| 31 Class I (unplanned interruptions caused by third party damage) | 116.19 | 1.96 | 59.33 |

| Class B (planned interruptions on the network) | | SAIDI | SAIFI | CAIDI |
|--|--|-------|-------|--------|
| 33 Taranaki | | 77.44 | 0.73 | 105.67 |
| 34 Manawatu & Horowhenua | | 1.45 | 0.05 | 30.00 |
| 35 Hawke's Bay | | - | - | - |
| 36 | | - | - | - |
| 37 | | - | - | - |

| Class C (unplanned interruptions on the network) | | SAIDI | SAIFI | CAIDI |
|--|--|--------|-------|--------|
| 39 Taranaki | | 978.33 | 5.96 | 164.14 |
| 40 Manawatu & Horowhenua | | 170.38 | 2.41 | 70.58 |
| 41 Hawke's Bay | | 21.58 | 0.35 | 62.50 |
| 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 |
|------------|-------|-----------|
|------------|-------|-----------|

| 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 Other Network capex | Project costs exceed \$0.1m in the disclosure year |
| 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.

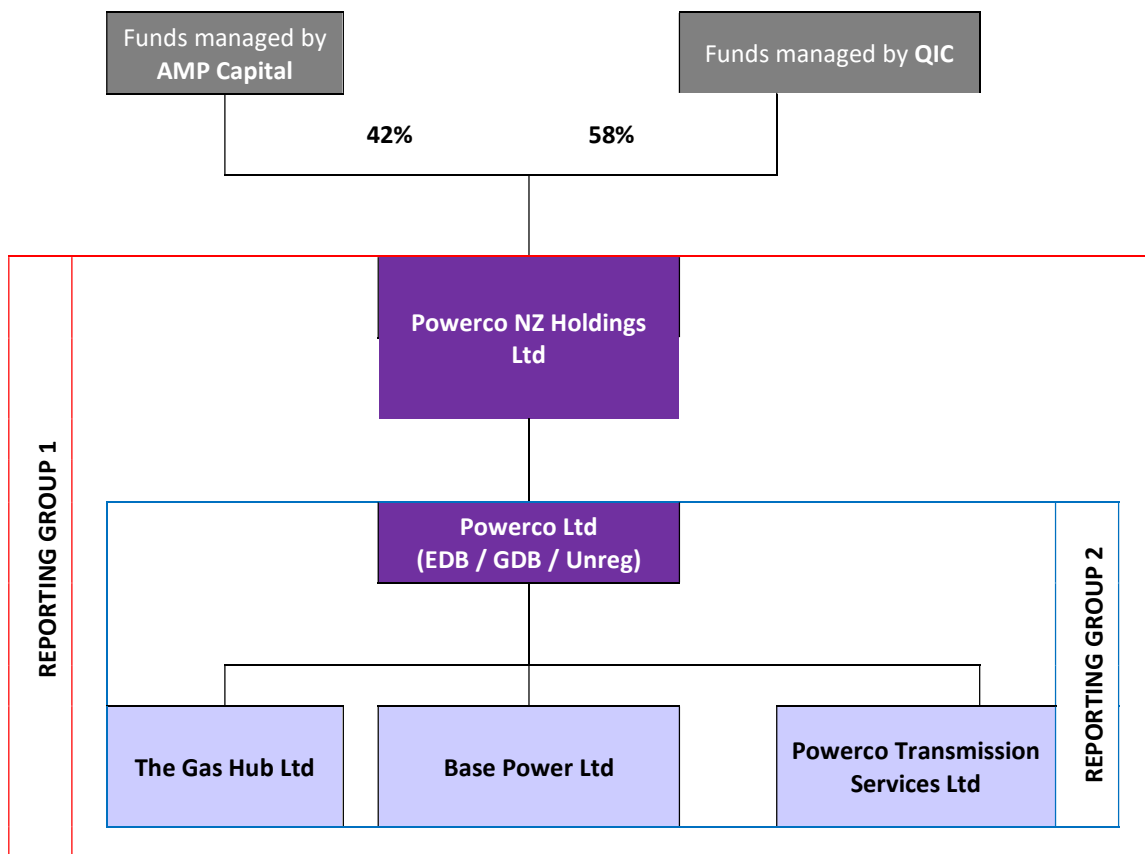
This provision-based approach will be used in future years.

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

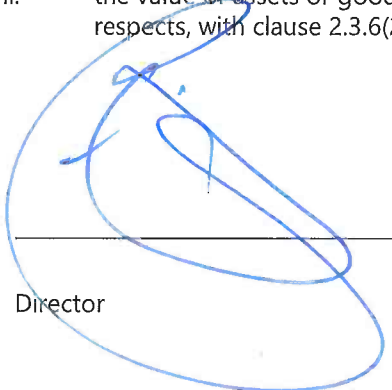
Directors' certificate for the Gas Distribution Information Disclosures

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:

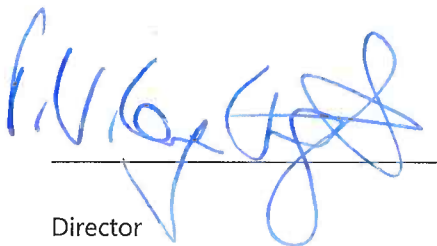
- a) the information prepared for the purposes of clauses 2.3.1, 2.3.2, 2.4.21, 2.4.22, 2.5.1, 2.5.2 and 2.7.1 of the Gas Distribution Information Disclosure Determination 2012 in all material respects complies with that determination; and
- b) the historical information used in the preparation of Schedules 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