



GAS DISTRIBUTION SERVICES

Default Price-Quality Path Compliance Statement 2021

Assessment period: 01/10/2020 – 30/09/2021

Published: 09 December 2021

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Powerco is required to annually report on compliance with its price and quality paths

Powerco Limited's gas distribution business (Powerco) is subject to regulation under the Commerce Act 1986. The Commerce Commission (Commission) has set a default price-quality path (DPP) which applies to all non-exempt gas distribution businesses (GDBs) including Powerco.

The DPP requirements are set in the Gas Distribution Services Default Price-Quality Path Determination 2017 (the Determination). Each year Powerco must report on compliance with two aspects of the Determination:

- a) the price path (demonstrating that actual revenue is below allowed revenue), and
- b) the quality standards (time taken to respond to emergency calls).

Powerco must disclose an annual compliance statement (Statement) which includes information relevant to the assessment of its performance. The DPP is based on a regulatory period of 5 years, from October 2018 to September 2022. This 2021 assessment period is the fourth under the current default price-quality path.

Powerco is compliant with the price path and quality standards for the year ended September 2021

This Statement confirms that Powerco has

- complied with the price path and the quality path for this 2021 assessment period (1 October 2020 - 30 September 2021)
- not undertaken a restructure of prices during this assessment period.

Appendix D provides the detailed compliance requirements from the Determination and references to the relevant information included in this Statement. A copy is available at Powerco's principal office (Powerco, Level 2, 84 Liardet Street New Plymouth) and Powerco's website (www.powerco.co.nz). Copies can be provided on request.

2. Assessment against the price path

In this section Powerco demonstrates compliance with the price path requirements of section 8 of the Determination.

For presentation purposes, the tables set out in this section contain aggregates of the price and quantity information. While the dollar balances in all pricing tables are rounded to the nearest thousand dollars, the underlying compliance calculations apply to the whole number. More detailed information is contained in appendix A.

2.1 Summary of price path compliance information

Clause 8.3 of the Determination states that to demonstrate compliance with the price path,

the notional revenue (NR_t) of the GDB in an assessment period must not exceed the allowable notional revenue (ANR_t) for the assessment period.

As demonstrated by table 1, Powerco complies with the price path for the assessment period.

Table 1: Price path results for this assessment period

DPP requirement	$NR_t \leq ANR_t$
Powerco's result (\$000)	52,195 \leq 52,252
Compliance test	Complies

2.2 Allowable notional revenue and notional revenue

The calculation of allowable notional revenue and notional revenue is shown in tables 2 and 3, respectively.

2.2.1 Calculating allowable notional revenue

Allowable notional revenue for the 2021 assessment period is calculated in accordance with equation 2 of schedule 4 of the Determination.

Table 2: Calculating Powerco’s allowable notional revenue (ANR)

$$ANR_{2020} = (\sum_i P_{i,2020} Q_{i,2019} - (K_{2020} + V_{2020}) + (ANR_{2020} - NR_{2020}))(1 + \Delta CPI_{2021})(1 - X)$$

Calculation components	Value	Total (\$000)
$P_{i,2020}Q_{i,2019}$ represents the allowable notional revenue, prior to any adjustments, for the assessment period ending September 2021. This is the sum of all products of the 2020 prices for each lines service and corresponding quantities for the year ending September 2019.		53,159
$(K_{2020} + V_{2020})$ is the sum of all pass-through and recoverable costs included in pricing in the prior assessment period.		(1,918)
$(ANR_{2020} - NR_{2020})$ represents the revenue differential adjustment, which is the difference between the allowable notional revenue and the notional revenue for the previous pricing period.		46
$(1 + \Delta CPI_{2021})$ is the change in the consumer price index (CPI) stipulated in the “all Groups Index SE9A” as published by Statistics New Zealand and calculated in accordance with schedule 4 of the Determination.	1.0188	
$(1 - X)$ where X is the rate of change as specified in Schedule 2 of the Determination. For the 2018 to 2022 regulatory period X is set to zero.	1	
ANR₂₀₂₁ is the total allowable notional revenue for the 2021 assessment period.		52,252

2.2.2 Calculating notional revenue

Notional revenue is the product of each price during any part of the assessment period multiplied by the relevant quantity for the assessment period ending two years prior. The formula to calculate notional revenue is specified in clause 8.4(a) of the Determination.

Table 3: Calculating Powerco’s notional revenue (NR)

$$NR_{2021} = (\sum_i P_{i,2021} Q_{i,2019} - (K_{2021} + V_{2021}))$$

Calculation components	Total (\$000)
<p>$P_{i,2021} Q_{i,2019}$ represents the notional revenue for the assessment period ending September 2021. This is the sum of all products of the 2021 prices for each lines service and corresponding quantities for the year ending September 2019.</p> <p>Refer to appendix A for detail.</p>	54,105
<p>$(K_{2021} + V_{2021})$ is the sum of all pass-through and recoverable costs included in pricing in the current assessment period.</p>	(1,910)
<p>NR₂₀₂₁ is the total notional revenue for the 2021 assessment period.</p>	<p>52,195</p>

2.3 Pass-through and recoverable costs

The Determination allows for the inclusion of pass-through and recoverable costs in pricing if they are known at the time prices are set and have not been previously recovered or will not be able to be recovered other than through prices. Pass-through and recoverable costs are defined in clauses 3.1.2 and 3.1.3 of the Gas Distribution Services Input Methodologies Determination 2012.

Pass-through costs include:

- Rates on system fixed assets
- Gas Act levies
- Commerce Act levies
- Electricity and Gas Complaints Commissioner Scheme (EGCC) levies
- Levies under the Commerce (Levy for Control of Natural Gas Services) Regulations 2005

Recoverable costs include:

- Claw back applied by the Commission
- Costs relating to a CPP application

2.3.1 Pass-through and recoverable costs included in pricing

Each year Powerco sets draft pricing around April and finalises it in July to take effect on 1 October. Pass-through and recoverable costs known at the point pricing is finalised may be included in pricing. Table 4 contains costs included in FY21 pricing.

Table 4: Pass-through and recoverable costs included in 2021 pricing

Pass-through and recoverable costs incurred	Total (\$000)
<u>Pass-through costs</u>	
Rates	1,424
Commission levies	221
Utilities Disputes levies	61
<u>Recoverable costs</u>	
Capex wash-up	36
Pass-through and recoverable costs included in 2021 pricing	1,742

The formula to calculate the time value of pass-through costs is prescribed by equation 3 of schedule 5 of the Determination. The formula to calculate the capex wash-up adjustment is prescribed by the equation set in clause 3.1.3(1)(h) of the Gas Distribution Services Input Methodologies Determination 2012. The discount rate applied to the capex wash-up is 5.85% and is set by the Commission.

Table 5: Time value of money adjustment

Pricing period costs incurred	2019 (\$000)	2020 (\$000)	Total (\$000)
Amount of pass-through costs paid in the period	1,575	131	1,706
Amount of recoverable costs paid in the period	0	36	36
Total pass-through and recoverable costs paid in the period	1,575	167	1,742
Total pass-through and recoverable costs included in 2021 pricing adjusted for the time value of money*	1,728	182	1,910

* The discount rate applied to pass-through costs is 4.76% and set in the Determination.

2.4 Price restructuring

The Determination specifies that any restructure of prices is required to be disclosed. Powerco considers a restructure of prices means either:

- a) combining two or more consumer groups into one consumer group; or
- b) separating a consumer group into two or more new consumer groups; or
- c) adding a new consumer group.

Powerco has not restructured its pricing during this assessment period.

3. Assessment against the quality path

In this section Powerco demonstrates compliance with the quality standards in section 9 of the Determination.

3.1 Summary of quality path compliance information

Clause 9.1 of the Determination states that to demonstrate compliance with the quality standards,

a GDB's RTE values for an assessment period must be such that:

- a) of the total of all RTE's, the percentage greater than 60 minutes does not exceed 20%; and**
- b) the RTE to any emergency does not exceed 180 minutes.**

As demonstrated by table 6, Powerco complies with the quality path for the assessment period.

Table 6: Quality path results for this assessment period

DPP requirement	RTE > 60 mins	RTE > 180 mins
Powerco's result	1%	0%
DPP standard	20%	0%
Compliance test	Complies	Complies

An emergency is defined under the Determination as meaning:

- a) an unplanned escape or ignition of gas that requires the active involvement¹ of any emergency service (e.g. fire service or ambulance);
- b) an unplanned disruption in the supply of gas that affects more than five installation control points; or
- c) an evacuation of a premises as the result of escape or ignition of gas.

The assessed results are calculated from a dataset that covers the period 1 October 2020 to 30 September 2021. The incident data and calculations for the response times to emergencies are included in appendix B.

Emergencies may be excluded from the dataset if the Commission has granted an exclusion in writing. Powerco confirms that for this assessment period it did not have any emergencies the Commission determined may be excluded from the RTE values, nor does Powerco have any excluding requests pending a decision by the Commission for the assessment period.

¹ Active involvement includes actions such as establishing safety cordons, the use of firefighting equipment or providing medical or first aid treatment.

3.2 Reliability policies and procedures

3.2.1 Recording emergency events

Each event affecting the gas distribution system reported to Powerco is recorded in Powerco's Outage Management System (OMS) by personnel in Powerco's Network Operations Centre (NOC). Data recorded includes:

- if the event is planned or unplanned;
- time of call;
- time of arrival of personnel onsite;
- if emergency services are involved;
- if premises are evacuated;
- if Powerco's assets are involved;
- number of connections affected; and
- event closure codes.

The process of collecting and reviewing data for the calculation of the RTE metric is illustrated in flow diagrams included in appendix C.

3.2.1.1 Initial recording and response

At the time of initial notification, all contributing factors may not be apparent. Examples include an accurate count of customers affected, the type of equipment that has failed, and confirmation that a gas leak has occurred.

Powerco initially classifies any notification received from an emergency service as an emergency event. This is independent of any further action that the emergency service may or may not take.

Following initial notification of an event the responding field operative will call NOC to confirm all relevant event data. It may not be until this point that a job meets the criteria to be classified as an emergency. Conversely, it may be the case that an emergency classification is changed if for example a reported smell of gas is not confirmed on site. Occasionally the site may be evacuated sometime after the initial call to NOC.

3.2.1.2 Post event paperwork

The field operative records event data on a datasheet (form 390F140). This acts as a further record of the event details. These datasheets are held by the service provider and provided to Powerco. The forms are checked against the original entries in OMS by the gas operations team. This check typically verifies the information initially recorded.

If required, OMS records are updated. Changing OMS records is restricted to designated users.

3.2.1.3 Regular emergency response checks and reporting

OMS data is imported daily to a data warehouse. RTE information is extracted from the data warehouse through a Business Objects reporting tool on a weekly and monthly basis for review. All records assessed as being an emergency are individually checked by the gas asset intelligence analyst.

The percentage of emergencies responded to within 60 minutes and within 180 minutes is calculated for the current month and on a cumulative assessment year basis. These figures are compared to Powerco's internal targets and reported to the gas management team monthly. The cumulative results are reported in the management report to the Board as required.

The time taken to respond to an emergency is calculated as being the difference between the time stamped entry of the initial call to NOC and OMS entry, and the time recorded by the field operative as the on-site time.

3.2.1.4 Preparation for disclosure

The Determination definition of an emergency is narrower than that used by Powerco for internal reporting. Therefore, the results from internal reporting are filtered to only select emergency events as defined in the Determination. For example, any events that are not associated with Powerco distribution assets or minor faults where no emergency response was required are removed as these do not fall within the Determination definition of emergency.

3.2.1.5 Escalation of exceptions

The gas asset intelligence analyst confirms Powerco remains compliant with the quality standard each week once the OMS checks have been completed. Any confirmed instance where the response time is greater than 180 minutes, or it is possible that more than 20% of emergencies have exceeded 60 minutes, must be reported immediately to all the following:

- Gas Asset Strategy Manager
- Gas Operations Manager
- General Manager Gas and People
- Head of Policy, Regulation, and Markets
- General Manager Customer

4. Amalgamations, mergers, transfers and major transactions

Powerco has not completed any amalgamations, mergers, transfers or major transactions in this assessment period.

5. Directors' certificate

Directors' Certificate for the Default Price-Quality Path Compliance Statement

For the period 1 October 2020 to 30 September 2021

I, Paul Crow, being a director of Powerco Limited certify that, having made all reasonable enquiry, to the best of my knowledge and belief, the attached Compliance Statement of Powerco Limited, and related information, prepared for the purposes of the Gas Distribution Services Default Price-Quality Path Determination 2017 has been prepared in accordance with all the relevant requirements.



Director

30/11/2021

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 \$10,000 in the case of an individual or \$30,000 in the case of a body corporate.

Deloitte.

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

Report on Powerco Limited's Annual Gas Compliance Statement

We have conducted a reasonable assurance engagement on whether the information disclosed by Powerco Limited ('the Company') on pages 3 to 12 and 16 to 23, Sections 1, 2, 3 and 4 and the related Appendices A to D of the Company's Annual Compliance Statement ('the Annual Compliance Statement') for the period 1 October 2020 to 30 September 2021 has been prepared, in all material respects, with Clause 11 of the Gas Distribution Services Default Price-Quality Path Determination 2017 ('the Determination').

Opinion

In our opinion:

- the information used in the preparation of the Compliance Statement has been properly extracted from the Company's accounting and other records, sourced from its financial and non-financial systems; and
- the Company has complied, in all material respects, with the Determination in preparing its Annual Compliance Statement for the period 1 October 2020 to 30 September 2021.

Basis for Opinion

We conducted our engagement in accordance with the Standard on Assurance Engagements 3100 (Revised): Compliance Engagements ('SAE 3100 (Revised)') and 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)'), both issued by the New Zealand Auditing and Assurance Standards Board.

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

Board of Directors' Responsibility

The Board of Directors is responsible on behalf of the Company for the preparation of the Annual Compliance Statement in accordance with the Determination. This responsibility includes the design, implementation and maintenance of internal control relevant to the Company's compliance with the Determination.

Our Independence and Quality Control

We have complied with the independence and other ethical requirements of the 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 auditor and the provision of other assurance services including the audit of regulatory disclosure statements and project quality 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.

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

Our responsibility is to express an opinion on whether as far as appears from an examination, the information used in the preparation of the Compliance Statement has been properly extracted from the Company's accounting and other records, sourced from its financial and non-financial systems; and whether the Company has complied, in all material respects, with the Determination in preparing its Annual Compliance Statement. 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 in preparing its Annual Compliance Statement.

7. Appendices

The following list of appendices provides further information supporting this Statement.

Appendix reference	Information provided
A – Calculating notional revenue	The price and quantity information used in the calculation of notional revenue for the assessment period.
B – Response time to emergency incidents	The incident data and calculations for the response times to emergencies.
C – Recording the response time to emergencies statistics	Flowchart format the process described in section 3.2.
D – Compliance references	References the compliance requirements of the Determination and where they are evidenced in this Statement.

Appendix A – Calculating notional revenue

This table summarises the price and quantity information used to calculate notional revenue for the assessment period. Prices include pass-through and recoverable costs.

Notional Revenue

P2021 x Q2019 \$ 54,105,397

	Load Group	2021 Pricing Year (Oct 2020 - Sept 2021)							Total Revenue (\$)
		Price t (2021)		Quantity t-2 (2019)		Fixed Revenue	Variable Revenue		
		Fixed \$/day	Variable (\$/GJ)	Avg no of ICPs	Vol (GJ)				
Hawkes Bay	G06	2G06	\$0.0000	\$18.9148	990	12,774	\$0	\$241,620	\$241,620
	G11	2G11	\$0.6054	\$4.5363	4,015	125,235	\$883,227	\$568,106	\$1,451,333
	G12	2G12	\$1.5757	\$3.8900	189	48,398	\$108,263	\$188,268	\$296,531
	G14	2G14	\$4.2561	\$3.4082	91	66,845	\$140,952	\$227,821	\$368,773
	G16	2G16	\$5.6503	\$3.2192	62	133,818	\$127,145	\$430,789	\$557,934
	G18	2G18	\$9.8361	\$3.2608	7	36,751	\$25,131	\$119,839	\$144,971
	G30	2G30	\$22.0477	\$0.4456	4	15,227	\$32,190	\$6,785	\$38,975
	G40	2G40	\$65.3646	\$0.4006	25	1,598,868	\$512,393	\$640,439	\$1,152,832
		Totals			5,383	2,037,916	1,829,301	2,423,667	4,252,968
	Manawatu	G06	3G06	\$0.0000	\$18.9148	5,125	64,662	\$0	\$1,223,070
G11		3G11	\$0.6054	\$4.5363	14,932	440,296	\$3,288,744	\$1,997,319	\$5,286,064
G12		3G12	\$1.5757	\$3.8900	324	89,368	\$185,925	\$347,640	\$533,565
G14		3G14	\$4.2561	\$3.4082	90	70,966	\$139,685	\$241,868	\$381,553
G16		3G16	\$5.6503	\$3.2192	64	148,685	\$131,547	\$478,650	\$610,196
G18		3G18	\$9.8361	\$3.2608	11	43,891	\$39,178	\$143,118	\$182,296
G30		3G30	\$27.2210	\$2.4926	11	111,431	\$79,485	\$277,755	\$357,241
G40		3G40	\$30.4920	\$1.8352	25	666,759	\$251,794	\$1,223,670	\$1,475,463
		Totals			20,582	1,636,058	4,116,358	5,933,090	10,049,448
Wellington		G06	4G06	\$0.0000	\$20.6918	7,298	89,384	\$0	\$1,849,517
	G11	4G11	\$0.6129	\$5.2217	24,062	982,714	\$5,367,037	\$5,131,452	\$10,498,490
	G12	4G12	\$1.0400	\$5.6007	501	137,042	\$189,722	\$767,530	\$957,252
	G14	4G14	\$6.0751	\$5.6247	133	92,316	\$293,983	\$519,255	\$813,237
	G16	4G16	\$9.3767	\$4.8647	73	127,319	\$248,990	\$619,367	\$868,357
	G18	4G18	\$14.4102	\$4.7157	8	21,425	\$42,001	\$101,032	\$143,033
	G30	4G30	\$11.6527	\$1.9509	74	223,510	\$240,366	\$436,035	\$676,401
	G40	4G40	\$24.9738	\$0.7321	13	343,548	\$91,154	\$251,513	\$342,667
		Totals			32,162	2,017,258	6,473,253	9,675,701	16,148,954
	Hutt Valley / Porirua	G06	5G06	\$0.0000	\$20.6918	6,266	84,530	\$0	\$1,749,079
G11		5G11	\$0.6129	\$5.2217	24,452	846,399	\$5,453,744	\$4,419,642	\$9,873,386
G12		5G12	\$1.0400	\$5.6007	606	117,970	\$229,321	\$660,712	\$890,033
G14		5G14	\$6.0751	\$5.6247	142	109,706	\$313,268	\$617,068	\$930,336
G16		5G16	\$9.3767	\$4.8647	49	128,304	\$167,411	\$624,160	\$791,571
G18		5G18	\$14.4102	\$4.7157	12	30,187	\$62,756	\$142,353	\$205,109
G30		5G30	\$10.3049	\$1.4694	23	85,543	\$64,882	\$125,694	\$190,576
G40		5G40	\$40.1284	\$1.7650	19	305,788	\$137,640	\$539,716	\$677,356
		Totals			31,569	1,708,427	6,429,023	8,878,423	15,307,446
Taranaki		G06	6G06	\$0.0000	\$18.9148	5,591	69,284	\$0	\$1,310,496
	G11	6G11	\$0.6054	\$4.5363	13,687	411,938	\$3,014,854	\$1,868,677	\$4,883,532
	G12	6G12	\$1.5757	\$3.8900	216	64,581	\$123,705	\$251,219	\$374,924
	G14	6G14	\$4.2561	\$2.1703	111	115,481	\$172,266	\$250,628	\$422,894
	G16	6G16	\$5.6503	\$2.1154	34	76,402	\$70,120	\$161,621	\$231,742
	G18	6G18	\$9.8361	\$1.9248	14	43,812	\$50,164	\$84,332	\$134,496
	G30	6G30	\$8.4967	\$4.3021	7	16,555	\$12,405	\$71,219	\$83,624
	G40	6G40	\$74.8737	\$0.5901	19	653,497	\$519,249	\$385,622	\$904,872
		Totals			19,679	1,451,550	3,962,764	4,383,816	8,346,580

Appendix B – RTE incident data

Total Events:	76
Active involvement of emergency services:	71
Evacuation Events:	12
Emergency & Evacuation:	8
Customers Affected>5:	1
# Responded to greater than 1Hr:	1
# Responded to exceeding 3Hr:	0
%Responded to greater than 1Hr:	1%
%Responded to exceeding 3Hr:	0%

Work Order ID	Active involvement of emergency services?	Premises Evacuated?	# Customers Affected	Time emergency is reported	On Site Time	Time from when emergency is reported to OnSite Time	1. Equipment	2. Reason	3. Action
JG20003272	TRUE	N	0	06-10-2020 11:49	06-10-2020 12:07	0:00:18:08	M - MP (MEDIUM PRESSURE)	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG20003368	TRUE	N	0	13-10-2020 14:54	13-10-2020 15:10	0:00:15:01	D - DRS (DISTRICT REGULATOR)	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG20003456	TRUE	N	0	19-10-2020 10:13	19-10-2020 10:35	0:00:21:26	S - SERVICE PIPE	B - LEAK CLASS 2	X - DETERIORATION/AGE
JG20003615	TRUE	N	0	29-10-2020 17:01	29-10-2020 17:30	0:00:28:59	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG20003701	TRUE	N	0	05-11-2020 8:16	05-11-2020 8:35	0:00:18:17	M - MP (MEDIUM PRESSURE)	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG20003741	TRUE	Y	0	09-11-2020 9:39	09-11-2020 10:00	0:00:20:08	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG20003822	TRUE	N	1	14-11-2020 14:09	14-11-2020 14:59	0:00:49:47	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG20003827	TRUE	N	1	15-11-2020 14:16	15-11-2020 14:58	0:00:41:24	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG20003886	TRUE	N	0	20-11-2020 8:53	20-11-2020 9:30	0:00:36:24	M - MP (MEDIUM PRESSURE)	A - LEAK CLASS 1	E - EQUIPMENT REPLACE/REPAIR
JG20003980	TRUE	N	0	26-11-2020 13:42	26-11-2020 14:30	0:00:47:29	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG20003998	TRUE	N	1	27-11-2020 14:22	27-11-2020 15:15	0:00:52:01	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG20004000	TRUE	N	1	27-11-2020 18:18	27-11-2020 18:30	0:00:11:01	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG20004066	TRUE	N	1	03-12-2020 14:31	03-12-2020 14:50	0:00:18:27	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG20004112	TRUE	N	1	07-12-2020 11:31	07-12-2020 11:51	0:00:19:44	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG20004168	FALSE	Y	0	10-12-2020 12:37	10-12-2020 13:00	0:00:22:31	M - MP (MEDIUM PRESSURE)	S - NON-PUBLIC REPORTED ESCAPE/SMELL	X - DETERIORATION/AGE
JG20004199	TRUE	N	1	12-12-2020 17:11	12-12-2020 17:29	0:00:18:18	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG20004213	TRUE	N	1	14-12-2020 9:29	14-12-2020 9:40	0:00:10:49	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG20004268	TRUE	N	0	17-12-2020 10:47	17-12-2020 10:58	0:00:10:51	M - MP (MEDIUM PRESSURE)	A - LEAK CLASS 1	S - FOUND DURING LEAK SURVEY
JG20004323	TRUE	N	0	22-12-2020 18:35	22-12-2020 19:32	0:00:56:01	S - SERVICE PIPE	A - LEAK CLASS 1	D - DISCONNECT
JG20004353	TRUE	Y	1	29-12-2020 22:50	29-12-2020 23:05	0:00:14:21	S - SERVICE PIPE	M - URGENT LOCATE	C - CAP SERVICE
JG20004356	TRUE	N	0	30-12-2020 16:02	30-12-2020 0:20	0:00:00:00	M - MP (MEDIUM PRESSURE)	A - LEAK CLASS 1	E - EQUIPMENT REPLACE/REPAIR
JG21000059	TRUE	N	1	09-01-2021 12:58	09-01-2021 13:25	0:00:26:33	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21000076	TRUE	N	1	11-01-2021 14:09	11-01-2021 14:42	0:00:32:01	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21000150	TRUE	N	1	15-01-2021 20:46	15-01-2021 21:36	0:00:49:03	S - SERVICE PIPE	A - LEAK CLASS 1	E - EQUIPMENT REPLACE/REPAIR
JG21000203	TRUE	N	0	20-01-2021 6:58	20-01-2021 7:45	0:00:46:02	L - LP (LOW PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21000230	TRUE	N	0	21-01-2021 13:10	21-01-2021 13:25	0:00:14:06	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21000258	TRUE	N	1	24-01-2021 12:14	24-01-2021 12:40	0:00:25:06	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21000259	TRUE	N	1	24-01-2021 15:17	24-01-2021 15:40	0:00:22:55	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE

JG21000322	TRUE	N	1	28-01-2021 9:34	28-01-2021 9:50	0:00:15:06	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21000366	TRUE	Y	0	30-01-2021 14:53	30-01-2021 15:04	0:00:10:10	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21000436	TRUE	N	0	03-02-2021 12:34	03-02-2021 12:40	0:00:05:21	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21000521	TRUE	N	0	10-02-2021 7:05	10-02-2021 7:15	0:00:09:17	I - IP (INTERMEDIATE PRESSURE)	M - URGENT LOCATE	E - EQUIPMENT REPLACE/REPAIR
JG21000562	TRUE	N	1	11-02-2021 15:09	11-02-2021 15:30	0:00:20:37	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21000655	TRUE	N	0	17-02-2021 11:30	17-02-2021 11:55	0:00:24:29	L - LP (LOW PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21000699	TRUE	N	0	19-02-2021 14:08	19-02-2021 14:40	0:00:31:43	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21000740	TRUE	N	0	22-02-2021 18:42	22-02-2021 18:55	0:00:13:05	M - MP (MEDIUM PRESSURE)	S - NON-PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21000751	FALSE	Y	0	23-02-2021 14:22	23-02-2021 14:35	0:00:12:45	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21000761	TRUE	N	1	24-02-2021 15:36	24-02-2021 16:15	0:00:38:47	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21000786	TRUE	Y	2	26-02-2021 7:54	26-02-2021 8:16	0:00:21:22	S - SERVICE PIPE	E - EQUIPMENT FAULT	C - CAP SERVICE
JG21000799	TRUE	N	1	26-02-2021 16:43	26-02-2021 17:31	0:00:48:21	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21000846	TRUE	N	3	02-03-2021 15:56	02-03-2021 16:16	0:00:20:44	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21000915	TRUE	N	0	05-03-2021 12:23	05-03-2021 12:45	0:00:21:40	S - SERVICE PIPE	A - LEAK CLASS 1	D - DISCONNECT
JG21000926	TRUE	N	0	06-03-2021 10:12	06-03-2021 10:13	0:00:00:15	S - SERVICE PIPE	A - LEAK CLASS 1	D - DISCONNECT
JG21001018	TRUE	N	0	13-03-2021 12:30	13-03-2021 12:50	0:00:19:03	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21001299	TRUE	N	0	31-03-2021 21:20	31-03-2021 21:51	0:00:30:37	M - MP (MEDIUM PRESSURE)	B - LEAK CLASS 2	E - EQUIPMENT REPLACE/REPAIR
JG21001335	TRUE	N	0	04-04-2021 11:53	04-04-2021 12:07	0:00:13:06	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21001338	TRUE	N	0	04-04-2021 19:34	04-04-2021 20:00	0:00:25:14	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21001348	TRUE	N	1	06-04-2021 8:13	06-04-2021 9:00	0:00:46:16	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21001372	TRUE	N	1	07-04-2021 13:38	07-04-2021 14:04	0:00:25:07	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21001480	TRUE	N	0	14-04-2021 19:30	14-04-2021 20:10	0:00:39:12	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21001565	TRUE	Y	0	21-04-2021 10:03	21-04-2021 10:20	0:00:16:44	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21001657	TRUE	Y	1	28-04-2021 17:59	28-04-2021 18:45	0:00:45:03	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	C - CAP SERVICE
JG21001671	TRUE	N	1	29-04-2021 9:47	29-04-2021 10:30	0:00:42:11	M - MP (MEDIUM PRESSURE)	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21001741	TRUE	N	1	04-05-2021 11:54	04-05-2021 12:00	0:00:05:26	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21001953	TRUE	N	1	19-05-2021 15:07	19-05-2021 16:00	0:00:52:09	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21002148	TRUE	N	1	02-06-2021 10:45	02-06-2021 11:42	0:00:56:06	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21002182	TRUE	N	0	04-06-2021 10:13	04-06-2021 11:05	0:00:51:42	M - MP (MEDIUM PRESSURE)	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21002271	TRUE	N	1	10-06-2021 9:24	10-06-2021 9:45	0:00:20:50	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21002300	FALSE	Y	0	11-06-2021 13:18	11-06-2021 14:15	0:00:56:06	V - VALVE	S - NON-PUBLIC REPORTED ESCAPE/SMELL	X - DETERIORATION/AGE
JG21002362	TRUE	N	1	16-06-2021 14:50	16-06-2021 15:11	0:00:20:59	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21002413	TRUE	N	0	21-06-2021 19:49	21-06-2021 20:30	0:00:40:49	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	X - DETERIORATION/AGE
JG21002514	TRUE	N	1	29-06-2021 12:12	29-06-2021 12:40	0:00:27:38	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21002596	TRUE	N	1	02-07-2021 13:06	02-07-2021 13:33	0:00:26:52	M - MP (MEDIUM PRESSURE)	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21002665	TRUE	N	1	07-07-2021 13:37	07-07-2021 13:50	0:00:12:48	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21002845	FALSE	Y	0	19-07-2021 20:55	19-07-2021 21:25	0:00:29:47	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21002846	TRUE	N	0	20-07-2021 0:08	20-07-2021 0:30	0:00:21:09	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21002856	TRUE	N	0	20-07-2021 11:21	20-07-2021 11:35	0:00:13:47	M - MP (MEDIUM PRESSURE)	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21002876	TRUE	Y	1	21-07-2021 9:44	21-07-2021 10:59	0:01:14:13	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21002994	TRUE	N	1	29-07-2021 12:50	29-07-2021 13:05	0:00:14:36	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21003184	TRUE	N	0	12-08-2021 9:40	12-08-2021 10:02	0:00:21:58	M - MP (MEDIUM PRESSURE)	S - NON-PUBLIC REPORTED ESCAPE/SMELL	S - FOUND DURING LEAK SURVEY
JG21003276	TRUE	N	0	23-08-2021 21:28	23-08-2021 22:12	0:00:43:40	M - MP (MEDIUM PRESSURE)	S - NON-PUBLIC REPORTED ESCAPE/SMELL	X - DETERIORATION/AGE
JG21003346	TRUE	N	0	02-09-2021 10:06	02-09-2021 10:30	0:00:23:06	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	E - EQUIPMENT REPLACE/REPAIR
JG21003479	TRUE	N	0	17-09-2021 9:54	17-09-2021 10:14	0:00:19:26	M - MP (MEDIUM PRESSURE)	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21003493	TRUE	Y	1	18-09-2021 16:45	18-09-2021 16:54	0:00:08:52	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	T - THIRD PARTY DAMAGE
JG21003603	TRUE	N	0	28-09-2021 8:27	28-09-2021 8:47	0:00:19:39	S - SERVICE PIPE	A - LEAK CLASS 1	T - THIRD PARTY DAMAGE
JG21003633	FALSE	N	15	29-09-2021 18:20	29-09-2021 18:55	0:00:34:02	S - SERVICE PIPE	R - PUBLIC REPORTED ESCAPE/SMELL	X - DETERIORATION/AGE

Appendix C – Recording the response time to emergencies statistics

The process of collecting and reviewing data for the calculation of the response time to emergencies metric is in diagram 1 and diagram 2 below. Diagram 1 describes the process steps to collect interruption information and recording response time to emergencies. Diagram 2 describes the review process undertaken to ensure the information recorded is correct.

Diagram 1: Process - recording response time to emergencies

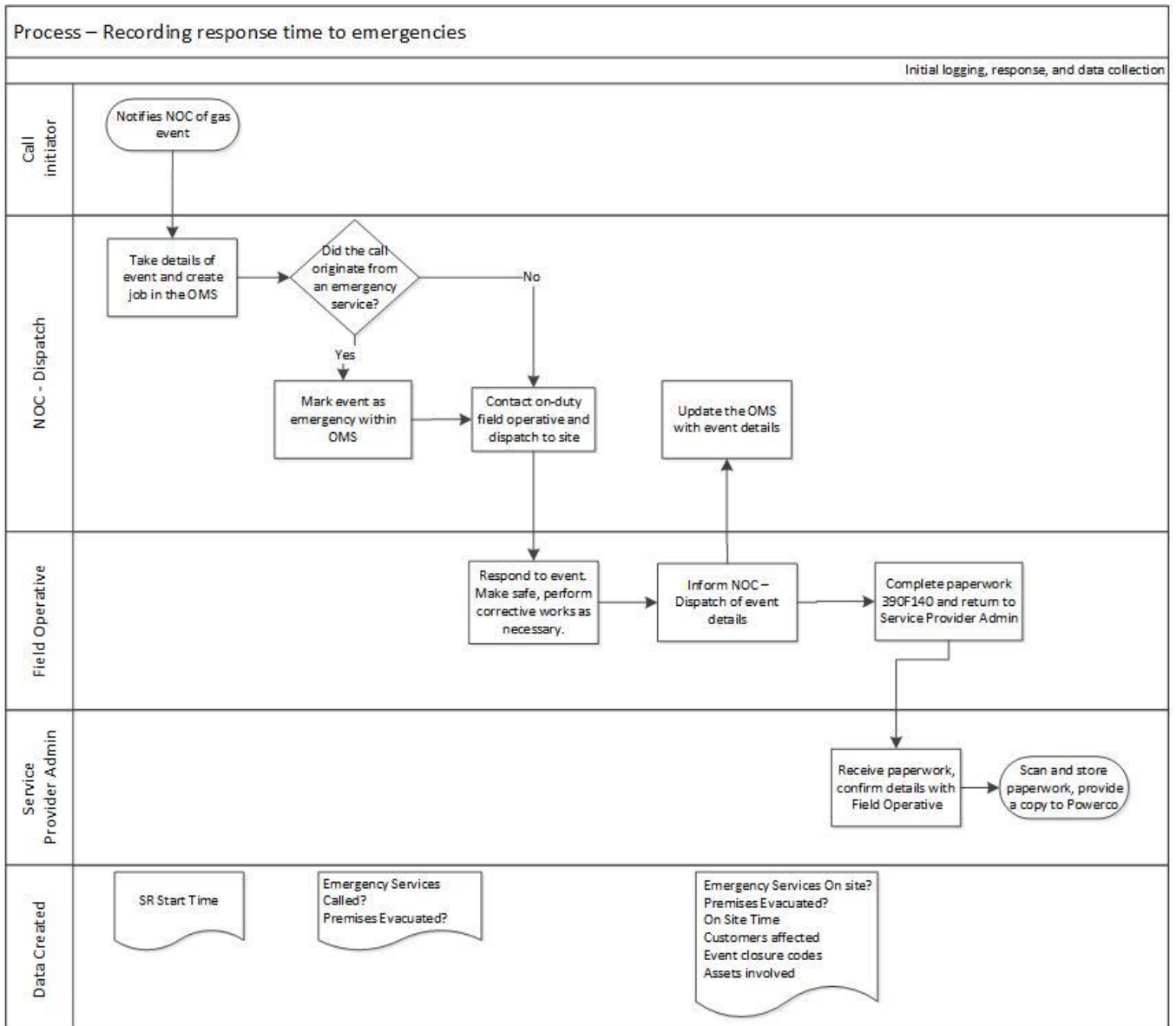
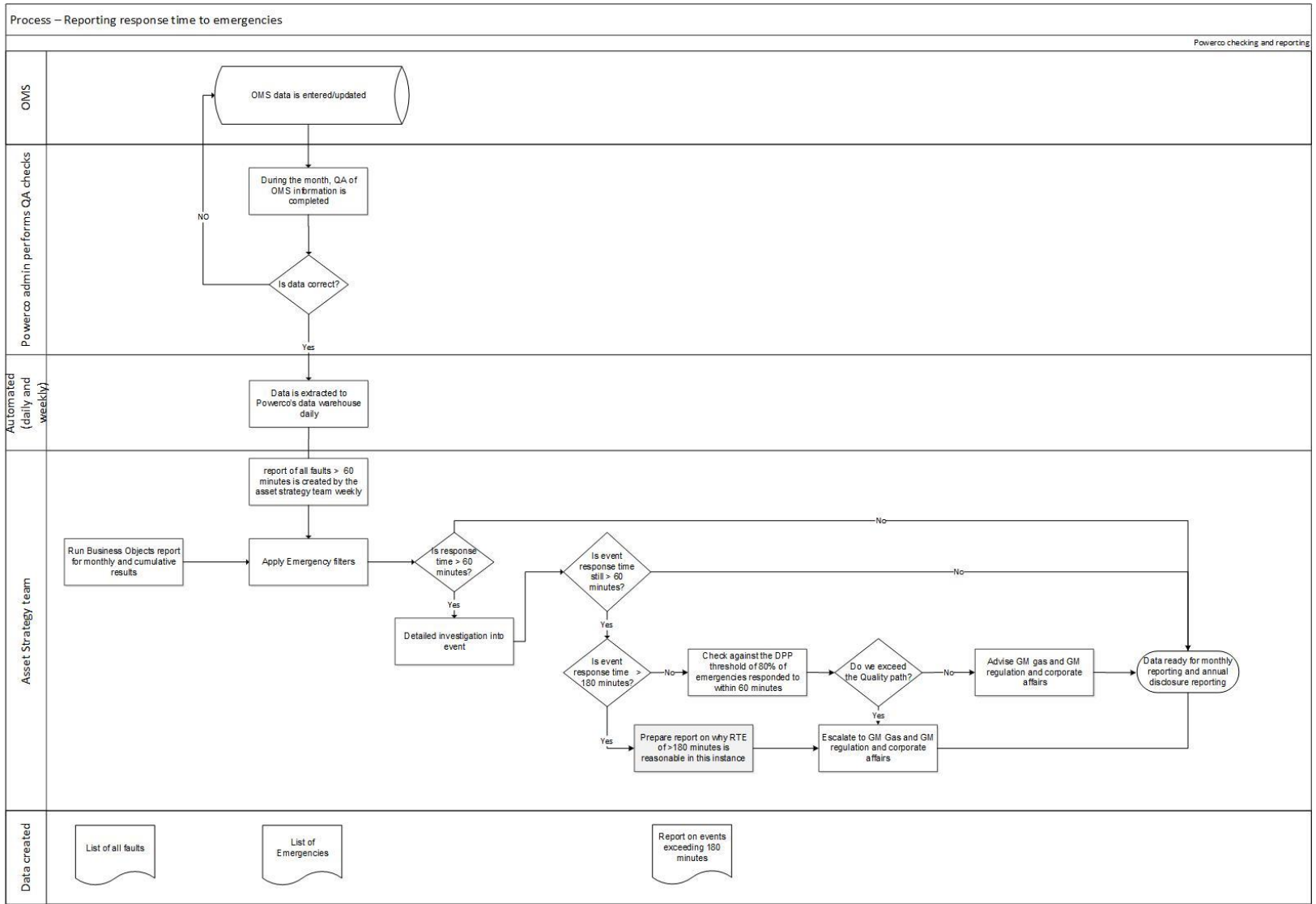


Diagram 2: RTE reporting process



Appendix D – Compliance statement references

Determination clause	Determination requirement	Compliance statement section
Price path		
8.3	The NR of a GDB in an assessment period must not exceed the ANR for the assessment period.	2.1
Quality standards		
9.1	A GDB's RTE values must be such that: <ul style="list-style-type: none"> a) of the total of all RTE's, the percentage greater than 60 minutes does not exceed 20%; and b) the RTE to any emergency does not exceed 180 minutes. 	3.1
9.2 – 9.4	Except in instances where the Commission has determined in writing that the GDB has a reasonable excuse for not responding to an emergency within 180 minutes and can be treated as having complied with the quality standard for that emergency.	
Transactions		
10.1	If a GDB completes an amalgamation or merger during the assessment period with another GDB subject to a DPP, the ANR and NR, and the total number of emergencies of the combined GDB are summed.	
10.2	If a GDB completes a transfer during an assessment period, the GDB must increase or decrease the ANR and NR for that assessment period as specified in schedule 6.	4
10.3	A GDB must notify the Commission in writing within 30 working days of completing an amalgamation, merger, transfer or transaction.	
Compliance statements		
11.1	Every GDB must: <ul style="list-style-type: none"> a) provide to the Commission a written compliance statement within 50 working days following the end of each assessment period; b) make its compliance statement, the director's certificate and the assurance report publicly available 5 working days after providing it to the Commission; and c) provide to the Commission schedules reflecting prices and quantities disclosed in an electronic format with its annual compliance statement. 	N/a, actioned on completion
11.2	The compliance statement must: <ul style="list-style-type: none"> a) state whether the GDB has complied with the price path and the quality path for the assessment period, and whether there has been a restructure of prices during the assessment period; b) state the date the statement was prepared; c) include a certificate in the form set out in schedule 7 of the Determination, signed by at least one Director of the GDB; and d) be accompanied by an assurance report meeting the requirements specified in schedule 8 of the Determination. 	1 1 5 6
11.3	The compliance statement must include any information reasonably necessary to demonstrate whether the GDB has complied with: <ul style="list-style-type: none"> a) the price path (including but not limited to): <ul style="list-style-type: none"> i. the amount of ANR, the amount of NR, prices, quantities, units of measurement associated with all numeric data and other relevant data, information and calculations; 	2.1, 2.2, app A

	<ul style="list-style-type: none"> ii. the amounts of pass-through costs and recoverable costs that were used to calculate ANR and NR, and supporting data, information and calculations used to determine those amounts, including when each pass-through cost and recoverable cost amount was paid and the period to which those costs relate; iii. if the GDB has not complied with the price path, the reason for non-compliance; and iv. if the GDB has not complied with the price path, actions taken to mitigate any non-compliance and to prevent similar non-compliance in future assessment periods. 	2.3
	<ul style="list-style-type: none"> b) The quality standards (including but not limited to): <ul style="list-style-type: none"> i. relevant incident data and calculations; ii. a description of policies and procedures which the GDB has used for recording the RTE statistics for the assessment period; iii. a list of all emergencies where the Commission has determined that the GDB can be treated as having complied with the quality standard for that emergency, and any exclusion requests that are pending a decision by the Commission for the assessment period; iv. if the GDB has not complied with the quality standard, the reason for not meeting the quality standard; v. if the GDB has not complied with the quality standard, actions taken to mitigate any non-compliance and to prevent similar non-compliance in future assessment periods; and vi. where a quality standard has not been met, for each emergency which exceeded the RTE for the quality standard, a description of the emergency including the nature, cause and location; and the number of consumers affected by the emergency. 	N/a N/a 3.1, app B 3.2, app C 3.1 N/a N/a N/a
11.4	<p>If a GDB has restructured its prices that first applied during the current or preceding assessment period:</p> <ul style="list-style-type: none"> a) the compliance statement must state the nature of the restructure of prices and identify the consumer groups impacted by the restructure of prices; and b) if the GDB has derived quantities under clause 8.8 for the purposes of calculating NR and/or ANR the compliance statement must include: <ul style="list-style-type: none"> i. the methodology used to derive the quantities in place of actual quantities that corresponds to each restructured price; ii. the derived quantities corresponding to each restructured price determined by the GDB for that assessment period, and the actual quantities; and iii. an explanation for any difference between the actual quantities and the derived quantities. 	2.4
11.5	<p>If a GDB participates in an amalgamation, merger or transfer, the compliance statement for that assessment period must:</p> <ul style="list-style-type: none"> a) state whether the GDB has complied with clauses 10.3 – 10.5; b) include any information or calculations that are reasonably required to demonstrate compliance with clauses 10.3 – 10.5; and c) if the GDB has not complied with clauses 10.3 – 10.5 in any respects, identify how it has failed to comply and state the reasons for the non-compliance. 	4 4 N/a